



INVESTIGATOR'S ANNUAL REPORT

United States Department of the Interior
National Park Service

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All or some of the information you provide may become available to the public.

Reporting Year: 2007	Park: Yellowstone NP	Select the type of permit this report addresses: Scientific Study	
Name of principal investigator or responsible official: Jack Rhyan		Office Phone: (970)266-6140	
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Additional investigators or key field assistants (first name, last name, office phone, office email)			
Name: Matt McCollum		Phone: 970 266-6233	Email:
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Name: Patrick Ryan Clarke		Phone: 406 388-5162	Email: Patrick.r.clarke@aphis.usda.gov
Project Title (maximum 300 characters): Bison Quarantine Feasibility Study			
Park-assigned Study or Activity #: YELL-05506	Park-assigned Permit #: YELL-2007-SCI-5506	Permit Start Date: Jan 01, 2007	Permit Expiration Date: Dec 31, 2007
Scientific Study Starting Date: Jan 01, 2007		Estimated Scientific Study Ending Date: Dec 31, 2007	
For either a Scientific Study or a Science Education Activity, the status is: Continuing		For a Scientific Study that is completed, please check each of the following that applies: <input type="checkbox"/> A final report has been provided to the park or will be provided to the park within the next two years <input type="checkbox"/> Copies of field notes, data files, photos; or other study records, as agreed, have been provided to the park <input type="checkbox"/> All collected and retained specimens have been cataloged into the NPS catalog system and NPS has processed loan agreements as needed	
Activity Type: Research			
Subject/Discipline: Animal Communities / Wildlife			

Purpose of Scientific Study or Science Education Activity during the reporting year (maximum 4000 characters): Test the feasibility of the bison quarantine protocol as published in the USDA Uniform Methods and Rules to determine if bison that have successfully completed quarantine are reliably negative for brucellosis and suitable for the establishment of new tribal and public herds.
Findings and status of Scientific Study or accomplishments of Science Education Activity during the reporting year (maximum 4000 characters): No bison were collected from YNP in 2007. The BQFS contained 45 2- and 3-year-old bison at the end of 2007. 37 were cows and 8 were bulls. Approximately 22 cows were pregnant. All animals were negative on brucellosis serology tests.
For Scientific Studies (not Science Education Activities), were any specimens collected and removed from the park but not destroyed during analysis?

No

Funding specifically used in this park this reporting year that was provided by NPS (enter dollar amount):
\$0

Funding specifically used in this park this reporting year that was provided by all other sources (enter dollar amount):
\$0

List any other U.S. Government Agencies supporting this study or activity and the funding each provided this reporting year:

Montana Fish Wildlife and Parks [\$0]
Dept. of Agriculture - Other [\$0]

Paperwork Reduction Act Statement: A federal agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. Public reporting for this collection of information is estimated to average 1.625 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the forms. Direct comments regarding this burden estimate or any aspect of this form to Dr. John G. Dennis, Natural Resources (3127 MIB), National Park Service, 1849 C Street, N.W., Washington, DC 20240.