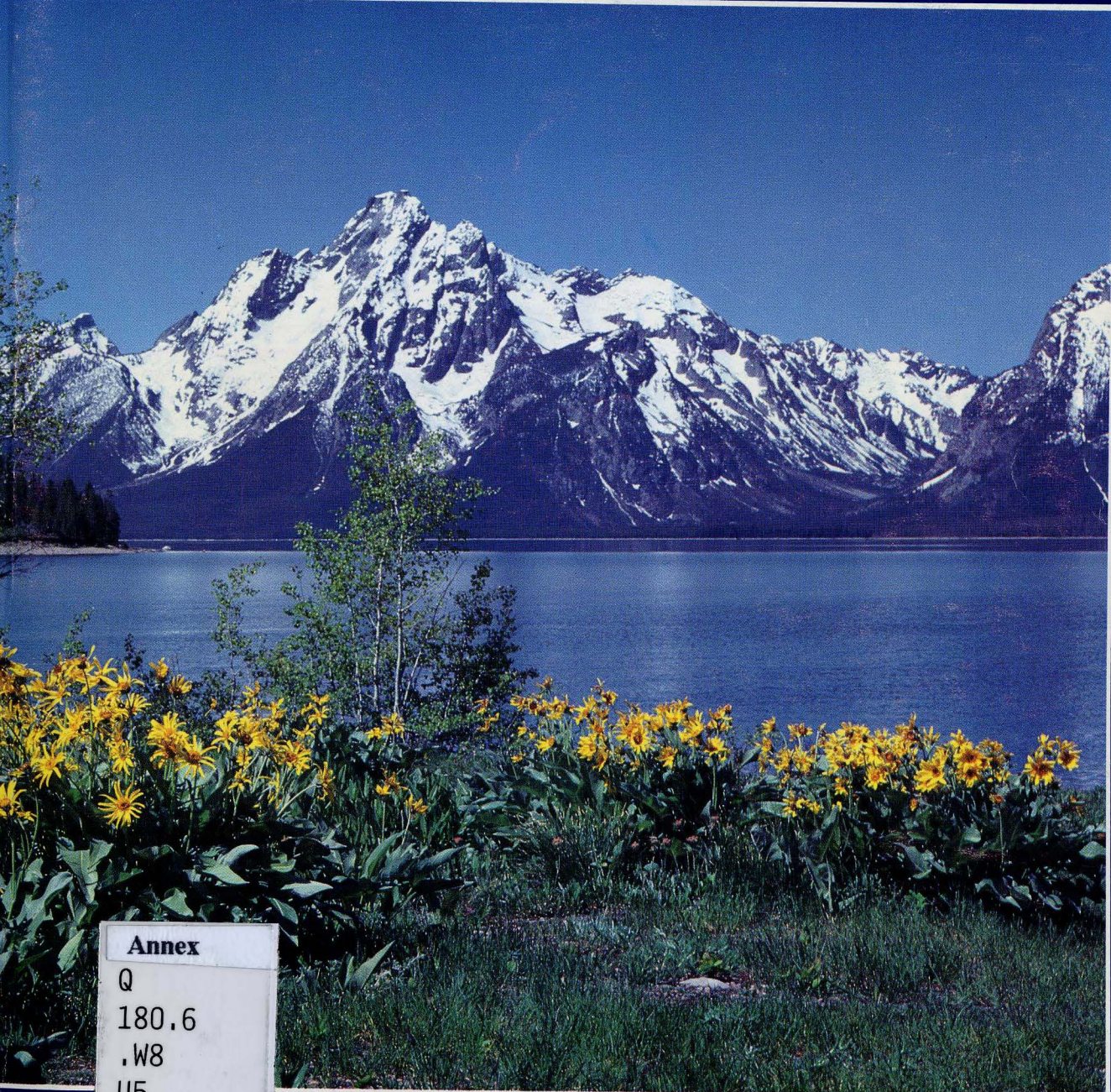




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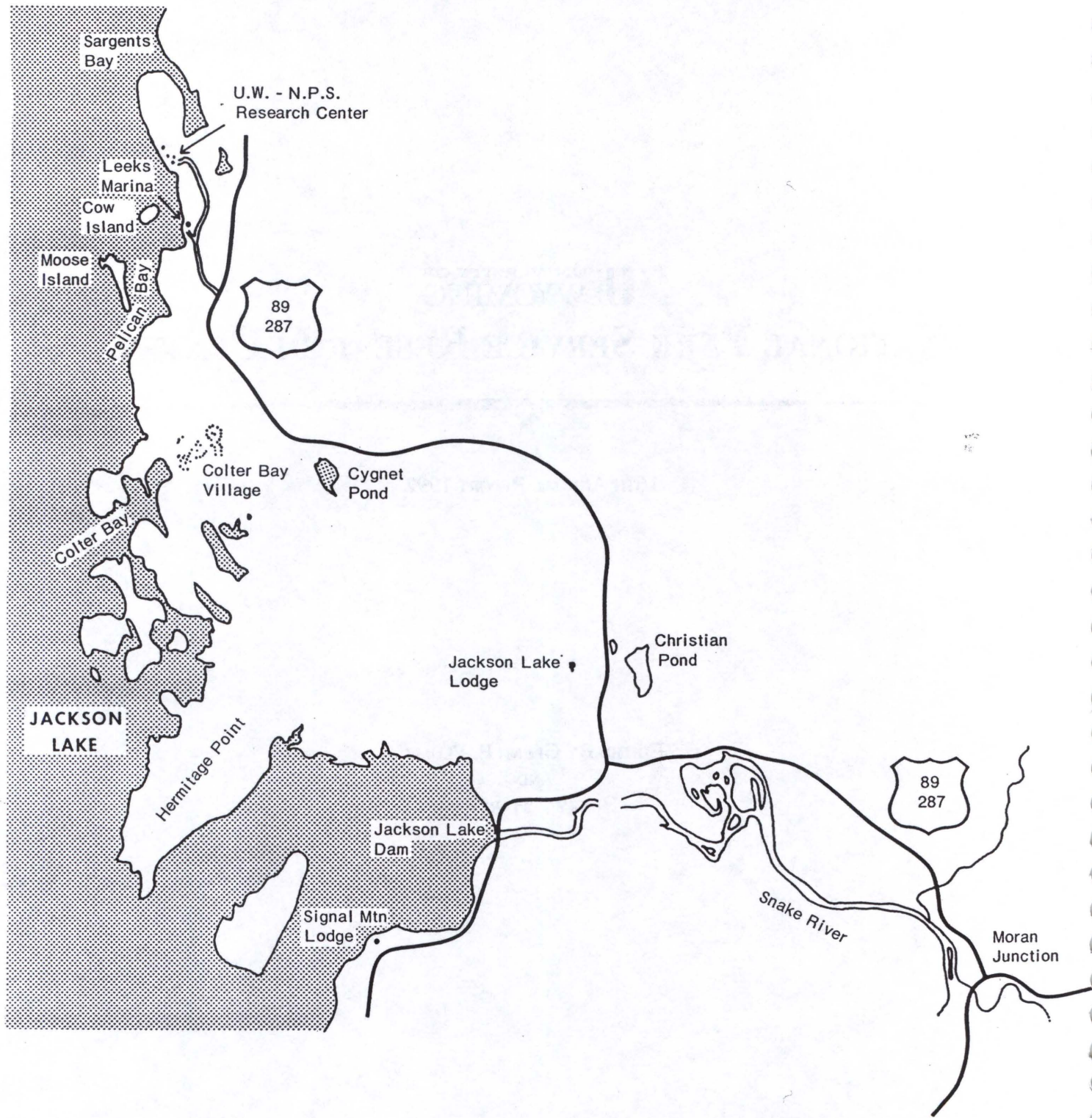
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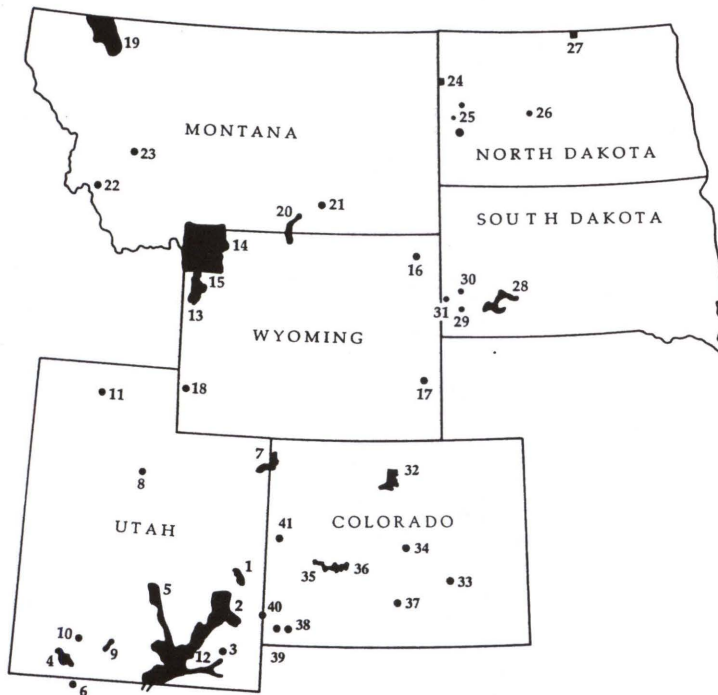


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◆ **UTAH**

1. Arches National Park
2. Canyonlands National Park
3. Natural Bridges National Monument
4. Zion National Park
5. Capitol Reef National Park
6. Pipe Spring National Monument
7. Dinosaur National Monument
8. Timpanogos Cave National Monument
9. Bryce Canyon National Park
10. Cedar Breaks National Monument
11. Golden Spike National Historic Site
12. Glen Canyon National Recreation Area

◆ **WYOMING**

13. Grand Teton National Park
14. Yellowstone National Park
15. John D. Rockefeller, Jr. Memorial Parkway
16. Devils Tower National Monument
17. Fort Laramie National Historic Site
18. Fossil Butte National Monument

◆ **MONTANA**

19. Glacier National Park
20. Bighorn Canyon National Recreational Area
21. Little Bighorn Battlefield National Monument
22. Big Hole National Battlefield
23. Grant-Kohrs Ranch National Historic Site

◆ **NORTH DAKOTA**

24. Fort Union Trading Post National Historic Site
25. Theodore Roosevelt National Park
26. Knife River Indian Villages National Historic Site
27. International Peace Garden

◆ **SOUTH DAKOTA**

28. Badlands National Park
29. Wind Cave National Park
30. Mount Rushmore National Memorial
31. Jewel Cave National Monument

◆ **COLORADO**

32. Rocky Mountain National Park
33. Bent's Old Fort National Historic Site
34. Florissant Fossil Beds National Monument
35. Black Canyon of the Gunnison Nat. Monument
36. Curecanti National Recreation Area
37. Great Sand Dunes National Monument
38. Mesa Verde National Park
39. Yucca House National Monument
40. Hovenweep National Monument
41. Colorado National Monument

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INTRODUCTION

1992 ANNUAL REPORT



During the period of this report the University of Wyoming-National Park Service (UW-NPS) Research Center supported and administered research in the biological, physical and social sciences performed in the 41 national parks, monuments, and recreation areas in Wyoming, Montana, North Dakota, South Dakota, Colorado and Utah. The UW-NPS Research Center solicited research proposals from university faculty or full-time governmental research scientists throughout North America through a request for proposals. Research proposals addressed topics developed by National Park Service scientists, resource managers, and administrators and dealt with questions of direct management importance as well as those of a basic scientific nature.

The Research Center continues to consider unsolicited proposals addressing applied and basic scientific questions related to park management. Research proposals are distributed to nationally-recognized scientists for peer review and are also reviewed and evaluated by the Research Center's steering committee. This committee is composed of

university faculty and National Park Service representatives and is chaired by the Dean of the College of Arts and Sciences, University of Wyoming. This committee makes recommendations to the National Park Service regarding awarding of research contracts. Research contracts are usually awarded by the middle of March.

The UW-NPS Research Center also operates a NPS-owned field research station in Grand Teton National Park. The research station provides researchers in the biological, physical, and social sciences enhanced opportunity to work in the diverse aquatic and terrestrial environments of Grand Teton National Park and the surrounding Greater Yellowstone Ecosystem. Station facilities include housing for up to 40 researchers, wet and dry laboratories, a library, herbarium, boats, and shop accommodations. The research station is available to researchers working in the Greater Yellowstone Ecosystem regardless of funding source, although priority is given to individuals whose projects are funded by the Research Center.

RESEARCH PROJECT REPORTS

The following project reports have been prepared primarily for administrative use. The information reported is preliminary and may be subject to change as investigations continue. Consequently, information presented may not be used without written permission from the author(s).

DISCUSSION

INTRODUCTION

The purpose of this study was to determine the effect of the National Park Service's (NPS) management plan on the population of the American bison in the Grand Teton National Park (GTNP). The study was conducted from 1981 to 1989 and involved the collection and analysis of data on bison population, habitat, and management practices.

The NPS management plan for GTNP bison was developed in 1981 and called for a population of 1,000 bison. The plan also called for the removal of bison that were judged to be surplus to the population goal. The study found that the NPS management plan had a significant effect on the bison population. The population increased from 1,000 in 1981 to 1,200 in 1989. The study also found that the NPS management plan had a significant effect on the habitat of the bison. The habitat was improved from 1981 to 1989, and the study found that the NPS management plan had a significant effect on the management practices of the bison. The management practices were improved from 1981 to 1989, and the study found that the NPS management plan had a significant effect on the bison population, habitat, and management practices.

The study found that the NPS management plan had a significant effect on the bison population, habitat, and management practices. The population increased from 1,000 in 1981 to 1,200 in 1989. The habitat was improved from 1981 to 1989, and the study found that the NPS management plan had a significant effect on the management practices of the bison. The management practices were improved from 1981 to 1989, and the study found that the NPS management plan had a significant effect on the bison population, habitat, and management practices.

CONCLUSIONS

The study found that the NPS management plan had a significant effect on the bison population, habitat, and management practices. The population increased from 1,000 in 1981 to 1,200 in 1989. The habitat was improved from 1981 to 1989, and the study found that the NPS management plan had a significant effect on the management practices of the bison. The management practices were improved from 1981 to 1989, and the study found that the NPS management plan had a significant effect on the bison population, habitat, and management practices.

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FEATURE ARTICLE



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