

REPORT ON THE ACTIVITIES
OF THE
JACKSON HOLE BIOLOGICAL RESEARCH STATION
SUMMER 1971

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Laramie, Wyoming

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RESEARCH PROJECT REPORTS

PHYSICAL FACILITIES

The major improvement of the physical facilities involved an electrical rewiring project. As a result of a continued increase in the use of electrical equipment and also the expansion of the use of electricity for heating, it became necessary to rewire the Station to take care of the increased load. This involved an extensive program of underground wiring as well as the addition of electrical heating in the washhouse and director's residence, and an increased power supply to the laboratories, the shop, and gas pump. It is hoped that with this major addition to the electrical power, we can supply the ever increasing need of electrical power at the Station for several years to come.

Other activities involved various maintenance projects and other improvements.

COOPERATION WITH OTHER AGENCIES AND INDIVIDUALS

The following were among the most important cooperative activities with other agencies and individuals.

1. Teton Sciences Field Biology School.

High school students under the supervision of Mr. Ted Major visited at the Research Station for a full day on July 21st. During this visit the students had an opportunity to become acquainted with the operation of the Station and its purposes and its functions, as well as to observe many of the research projects which were currently under way.

A second group under the supervision of Mr. Major visited the Station in early August. This group consisted of some college students and other adults who were interested in conservation and field biology. Also, Mr. Major and his students participated in almost all of the evening seminars at the Station.

2. Close cooperation with the Grand Teton National Park continued, especially with Biologists, Peter Hayden and Bob Wood. Both were very helpful to the research workers in connection with both aquatic and terrestrial ecology studies at the Station. Also, Mr. Charles McCurdy, Chief Naturalist, was very cooperative. The Research Station appreciated the continued cooperation of Grand Teton National Park personnel.

In addition, contacts were continued with the Forest Service biologists and Wyoming Game and Fish Department personnel.

3. As usual we had a large number of visits by scientists and other people interested in the operation of the Station. The director of the Station as well as the other research workers supplied what information they could to these visitors about the Station and its operation.

Mr. Hugh B. House, Curator of Mammals at the Bronx Zoo, representing the New York Zoological Society, visited the Station.

The Station had a visit from a National Park Service committee making a study of National Park Service operations.

4. The research personnel of the Station, on many occasions, supplied advice and other help to individuals and agencies in the area on many different biological problems.

SEMINARS

As in previous summers, a fine series of seminars was presented. In addition to the seminars presented by the Station investigators, Mr. Peter Hayden, Biologist for Grand Teton National Park, talked to the group. The seminars were very well attended by both Station personnel and other scientists in the area. A capacity crowd attended the seminars.

Following is a list of the seminars presented.

- July 1 - Mr. Robert Dorn - University of Wyoming.
Ecology of moose.
- July 8 - Mr. Peter Hayden - Grand Teton National Park.
Aquatic research: Jackson Lake and the Snake River.
- July 15 - Dr. Howard E. Evans - Harvard University.
The incredible continent: An entomological cross-section of Australia.
- July 22 - Dr. Michael Parker - University of Wyoming.
Plankton ecology.
- July 29 - Dr. Aelita J. Pinter - Touro Research Institute and Louisiana State University in New Orleans.
Population dynamics of Microtus montanus in Jackson Hole.
- Mr. K. Dale Engler - Louisiana State University in New Orleans.
Ecological, behavioral, and nutritional aspects of the Wyoming pika.
- Aug. 5 - Mr. Franz Camenzind - University of Wyoming.
Coyote ecology and behavior in Jackson Hole.
- Aug. 12 - Mrs. Jane Dorn - University of Wyoming.
Ravens in Jackson Hole.
- Aug. 19 - Dr. Margaret Altmann - University of Colorado.
Comparative behavior studies of wild ungulates.

In addition to the above seminars, we showed a film concerning the environment which was produced in cooperation with the American Museum of Natural History. Many evenings at the Station were devoted to informal discussion and showing of slides by Station personnel.

FINANCIAL REPORT 1970-71

November 12, 1970-June 30, 1971

<u>Item</u>	<u>Budgeted</u>	<u>Expended</u>	<u>Carried Over To Next Year's Budget</u>
Research Projects	\$ 25.00	\$ ---	\$ ---
Part-time Assistants	421.60	420.00	---
Equipment	3,013.00	1,941.87	1,070.60
Supplies	800.87	318.00	474.90
Contractual	1,012.30	240.13	771.00
Travel	513.40	---	210.60
Fixed Charges	487.00	---	186.00
	<u>\$6,273.17</u>	<u>\$2,920.00</u>	<u>\$2,713.10</u>

July 1, 1971-September 30, 1971

<u>Item</u>	<u>Budgeted*</u>	<u>Obligated or Expended</u>	<u>Unexpended</u>
Research Projects	\$ 4,714.00	\$3,820.00	\$ 894.00
Part-time Assistants	3,000.00	2,500.00	500.00
Equipment	2,335.60	71.40	2,264.20
Contractual	2,120.00	1,118.27	1,001.73
Travel	582.60	103.05	479.55
Fixed Charges	286.00	36.00	250.00
	<u>\$13,038.20</u>	<u>\$7,648.72</u>	<u>\$ 5,389.48</u>

In addition to above expenditures, \$1,823.99 was expended from a Special Grant fund for electrical rewiring and installations.

Rent received in the amount of \$673.00 was placed in the General Fund of the University.

The New York Zoological Society contributed \$500.00 toward the Director's salary in the form of an honorarium.

Grants-in-aid in the amount of \$2,880.00 were given to investigators by the New York Zoological Society.

Gifts received were: \$1,000 - from New York Zoological Society
\$1,000 - Anonymous donor

*Includes money carried over from previous year, therefore, does not indicate amounts appropriated for one year.

