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ABOUT THE SELWAY-BITTERROOT AREA

Under the wilderness classification the only access to the area is by foot or horseback. Motorized vehicles are not allowed. The amount of use of any given area is limited annually by the Forest Service so the area will retain as much of its natural ecological balance as possible. The Seven Lakes camp area is at an elevation of over 6,000 feet with many nearby peaks a thousand feet higher. Natural vegetation in the area include a variety of spruce and fir trees as well as some pine and others, a large variety of grasses in the meadows, bear grass on the slopes, and a variety of ferns and shrubs.

Animal life in the area includes moose, elk, deer, and some bear. There are also large numbers of small mammals such as pocket gophers, shrews, mice, etc. There are not poisonous snakes in the area, but there are some amphibians as well as a variety of birds and insects. Fishing should be very good at the Seven Lakes area since the lakes are well stocked with a variety of trout.

Typically, the weather during late July should be quite dry, with bright sunny days (85° - 90° F.) and cool chilly nights (30° - 35° F.). Humidity is generally in the 10%-25% range. Thunderstorms may occur, but are uncommon during August in Northern Idaho.

TYPICAL DAY'S SCHEDULE

- 7:00 a.m. Breakfast
- 8:00 a.m. Begin morning's work assignment which may involve a group field trip with one of the instructors, individual or group work at the camp, or individual field forays on project work assignments.
- 12 noon Lunch at camp, unless on an all day trip, in which case sack lunches will have been made available
- 1:00 p.m. Afternoon work sessions similar to that of mornings by group, individuals under direction or self-guided.
- 4:00 p.m. Unassigned. Relaxation, recreation, fishing, or further individual project activities. Time available for consultation with faculty.
- 6:00 p.m. Dinner
- 8:00 p.m. Campfire. Presentations by faculty or students; progress or final reports on field projects; or just plain "visiting." In the second week, these campfire times will also be used for project reports by groups.
- 10 p.m. Lights out or at least quiet time in consideration for those who need the rest (and most everybody will).

On the weekends while in the wilderness, classes will be held the Saturday forenoon, but Saturday afternoon, as well as all day Sunday, will be open for the students to pursue their individual interests and leisure activities. It will not be possible for individual participants to return to civilization over the weekend because of lack of time.



July 25-August 7, 1976

A Special Programs course in the Idaho Wilderness with course offerings in Botany and/or Zoology by the Special Programs Office in cooperation with the Department of Biological Sciences of the University of Idaho, Moscow, Idaho 83843.

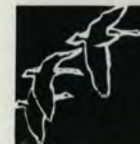
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WILDERNESS ECOLOGY

During the Summer of 1976 the University of Idaho plans to again offer a unique workshop in Wilderness Ecology. This program, first offered during the Summer of 1973, provides an opportunity to study the ecological systems as they naturally exist and have had a minimum of disturbance by man. Students and faculty will again travel by horseback to the Seven Lakes area in the famed Idaho Selway Bitterroot Wilderness area.



OVERVIEW OF THE PROGRAM

Participants who have been accepted will assemble July 24 or 25 at the Boulder Creek Pack Camp which is approximately 80 miles east of Lewiston, Idaho, on U.S. Highway 12 on the Lochsa River. Arrangements can be made to meet participants at Lewiston if transportation is needed.

Approximately half of the group will depart Boulder Creek Pack Camp by horseback for the wilderness area on Sunday, July 25 and the balance will depart Monday morning, July 26. The trip to the Seven Lakes area will take most of the day since it is nearly 20 miles, and participants will probably want to alternate walking and riding to maintain circulation plus some rest stops. At the end of the two-week period, approximately half the group will return to base camp on Saturday, August 7, with the balance returning Sunday, August 8.

INSTRUCTIONAL PROGRAM

Participants will be provided with the option of registering for 2 semester credits (total) in Botany and/or Zoology. Specifically, registration will be at the 400's (upper division, but not graduate) level in Workshop with subtitle Wilderness Ecology. Participants may be working in small groups or on individual projects. The following is illustrative of the kinds of activities which may be selected in consultation with the faculty.



BOTANY

- Plant preservation - making herbarium specimens.
- Vascular plants - identification and use of keys.
- Plant ecology - associations of plant species and correlations with habitats.
- Plant growth and development - dendrochronology and reconstruction of past events.
- Vegetation mapping



ZOOLOGY

- Bird study - investigation of the bird life of the areas visited.
- Mammal study - collecting and studying and mounting small mammals in representative habitat.
- Ecology and behavior of large mammals.
- Ecology of a select group of mammals such as pocket gophers or shrews.
- Distribution and ecology of the butterflies of the area.
- Distribution and ecology of the amphibians and reptiles of the area.

Whether registered for Zoology or Botany, students will be expected to prepare a notebook documenting the study. This may take the form of pictures, written summary, or actual mountings of specimens, etc.

FACULTY

Those who elect to register for Botany credit will be working with Prof. Richard Naskali, and those who register for Zoology credit will be working with Prof. Peter Meserve. Both are members of the Biological Sciences Department at the University of Idaho.

In addition to the regularly assigned faculty, it is planned to have a teaching assistant also available to assist students with individual study projects.



EQUIPMENT & SUPPLIES

Outfitters for the program will be Boulder Creek Pack Camp (Herman Kuykendall, Peck, Idaho). The outfitters will provide the use of saddle horses, pack mules, and tents. Some of the tents have floors, but most of them have merely a ground cloth. Also included is food service both at the base camp and in the wilderness, including eating utensils, dishes, etc. The outfitters will generally remain available during the two week period with a limited number of saddle horses for special excursions in the area.

Faculty will provide resource books, traps, a couple of microscopes, and such other instructional materials as needed to demonstrate and study projects.

Participants will need to supply their own four or five pound sleeping bags, along with personal items and effects as may be needed for a two week stay in the Idaho wilderness. A check list prepared by one of last year's students will be sent to those who indicate an interest in the program.

INSURANCE AND EMERGENCY CARE

The program scheduled is not hazardous, and no injuries or accidents are anticipated. However, at least one of the staff members will have background in first aid, and the outfitter will have saddle horses available to transport anyone who may need to leave during the two week period. While motorized vehicles are prohibited in the wilderness area, on an emergency basis, helicopters can be brought in if it should prove necessary.

Registrants in the program will be covered by a supplementary health and accident insurance policy, provided by part of the registration fee.

ENROLLMENT LIMITATIONS, RESERVATIONS, AND FEES

Individuals enrolling in this course should have completed the junior year in college unless admitted by special permission of the instructors and the University. There is no maximum age limit excepting to the extent that it may affect physical condition (elevation in the area where the group will be studying is slightly over 6000 feet). The University reserves the right to require potential students to provide a statement of physical condition from a medical doctor as a condition of acceptance in the program if the preregistration form indicates physical impairment or over age 55.

Because of the individualized nature of this program and the limited facilities available from our outfitter, the number of registrants must necessarily be limited to no more than 24. Further, the Forest Service does not want much more than that number in the area at any one time because of potential damage to the naturalness of the area (in addition to the enrollees, there will be two faculty members, an instructional assistant, a cook, a cook's helper, plus the outfitters for a potential total of about 32).

Fee for the two week program which includes registration fees, saddle horses, use of pack animals, food, tents, insurance, cooking utensils, and dishes, is \$300. Advance reservations as well as early payment of a portion of the registration fee is required. Interested participants must pay \$100 of the \$300 fee by May 10, and the balance will be due two weeks prior to the start of the workshop (July 12). Fees are non-refundable although substitutions may be allowed among the participants. In other words, if someone who has sent in the reservation fee of \$100 later learns he cannot attend, and if there is a waiting list, we will inform the preregistrant of others on the waiting list, and it may be possible to switch the reservation fee to another individual.

If a minimum of 15 individuals has not paid the \$100 minimum reservation fee by May 10, the University of Idaho reserves the right to cancel the course, and in that case all fees will be refunded by May 22.



 University of Idaho
WILDERNESS ECOLOGY

WILDERNESS AREA

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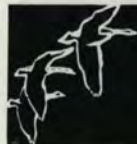
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Registrants in the program by a supplementary health insurance policy, provided registration fee.

ENROLLMENT LIMITATIONS, RESERVATIONS, AND FEES

Individuals enrolling in the program must have completed the junior year and be admitted by special permission of the University. The age limit excepting to the extent that it does not affect physical condition (elementary school where the group will be studying at 6000 feet). The University requires potential students to have a physical examination by a doctor as a condition of enrollment in the program if the pre-registration physical impairment or over 21 years of age.

Because of the individual nature of the program and the limited facilities of our outfitter, the number of participants necessarily be limited to 15. Further, the Forest Service does not allow more than that number in the wilderness at one time because of potential damage to the naturalness of the area (in the wilderness, there will be two faculty members, an instructional assistant, a cook, and plus the outfitters for a potential of 32).

Fee for the two week program includes registration fees, saddle pack animals, food, tents, sleeping bags, utensils, and dishes, is \$300. Participants as well as early payment of the registration fee is required. Participants must pay \$100 on May 10, and the balance will be due prior to the start of the wilderness. Fees are non-refundable although a refund may be allowed among the participants. In other words, if someone withdraws their reservation fee of \$100 late, they will not attend, and if there is a waiting list, and it may be possible to have the reservation fee to a new participant.

If a minimum of 15 participants are not paid the \$100 minimum by May 10, the University of Idaho reserves the right to cancel the course and all fees will be refunded by the University.