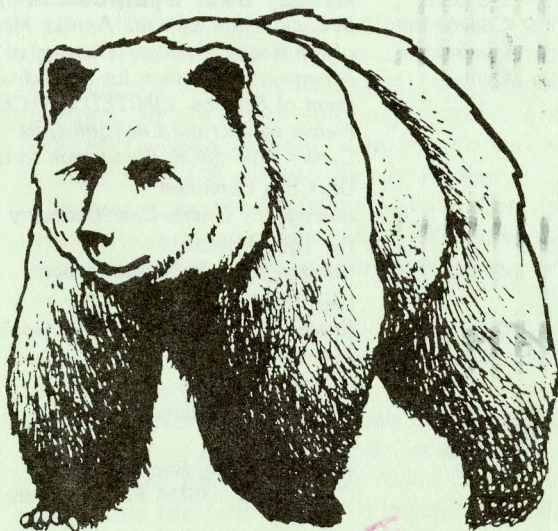




THE FATE OF THE GRIZZLY

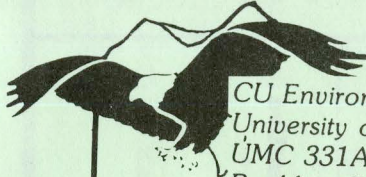
Conference
on
The Yellowstone Grizzly Bear

April 4-5, 1986
University of Colorado,
Boulder

SPONSORS:

CU Environmental Center
UCSU Cultural Events Board
Sierra Club—Indian Peaks Group
Boulder Audubon Society
Colorado Mountain Club





CU Environmental Center
University of Colorado
UMC 331A, Campus Box 207
Boulder, Colorado 80309-0207



Boy Scouts

USA

Dr. Frank Craighead, Jr.
P.O. Box 156
Moose, WY 83012



THE FATE OF THE GRIZZLY AGENDA

Friday, April 4

2-5 p.m.
College Inn
Conference
Center

Grizzly Bear Symposium \$2 EXTRA

In conjunction with the Annual Meeting of the Rocky Mountain Division of the American Association for the Advancement of Science. LIMITED SPACE! Please contact the Environmental Center, 492-8308, if you plan to attend.

Dr. Chris Servheen
Interagency Grizzly Bear Recovery Team

Dr. Tony Povilitis
Campaign for Yellowstone Bears

Larry Roop
Research Biologist, Wyoming Game & Fish Department

Dr. Alston Chase
Writer, independent scholar

John Weaver
National Grizzly Bear Habitat
Coordinator, USDA Forest Service

4:30-5:30
UMC 158

The Grizzly Bear in North America

Lance Olsen
Great Bear Foundation

7-9:30 p.m.
Duane
Physics
G020

Film Festival & Talk

"Greater Yellowstone"—Slideshow
"Autumn of the Grizzly" Film
"Bears and Man"—Film
Original Grizzly Bear film footage by Doug Peacock, presented by Dave Foreman

"Earth First! Grizzly Bear Recovery Program"

Talk by Dave Foreman
founder of Earth First!

"The Grizzly Bear"—Film

Saturday, April 5

8:30-9 a.m.

Registration

9-9:10 a.m.
UMC Forum
Room

Welcome

Rosalind McClellan
Director, CU Environmental Center

9:10-9:30
UMC Forum
Room

Introduction to the Yellowstone Grizzly—Slideshow

Steve Mealey
Forest Supervisor, Shoshone National Forest

9:30-10:30
a.m.
UMC Forum
Room

How Endangered is the Grizzly? Panel Discussion

Dr. John J. Craighead
Wildlife-wildlands Institute

Larry Roop

Dr. Tony Povilitis

Dr. Chris Servheen

Moderator: Michael Smith,
formerly of the Colorado Division of
Wildlife Bear Management Advisory Task
Force

10:30-10:50
UMC Forum
Room

An Evaluation of Grizzly Bear Science & Management in Yellowstone National Park

Dr. Alston Chase

10:50-11:05

Break

11:05-11:35
UMC Forum
Room

Human Nature, Bear Nature

Tom McNamee,
Author, *The Grizzly Bear*

11:35-12:00
UMC Forum
Room

Legal & Habitat Issues

Jasper Carlton
Yellowstone 2000 Committee

Dave Foreman

Dr. Tony Povilitis

12:00-1:15

Lunch

1:15-1:35
p.m.
UMC Forum
Room

Grizzly Bear Habitat, Management for Human Use

Gary Brown
Bear Management Specialist,
Yellowstone National Park

1:35-2:45
UMC Forum
Room

Preserving Grizzly Bear Habitat—Panel Discussion

John Weaver

Jasper Carlton

Steve Mealey

Matt Reid

Wyoming Wildlife Federation

Moderator:

Dr. Kathleen Fagerstone,
Fish and Wildlife Service

2:45-3:10
UMC Forum
Room

Citizen Action for the Grizzly

Phil Hocker,
National Treasurer, Sierra Club

3:10-3:40

Break

3:40-4:00
UMC Forum
Room

Interagency Grizzly Bear Recovery Plan

Dr. Chris Servheen

4:00-5:15
UMC Forum
Room

Grizzly Bear Recovery Alternatives—Panel Discussion

Gary Brown

Dr. Alston Chase

Steve Mealey

Tom McNamee

Dr. Chris Servheen Phil Hocker

Dave Foreman

Moderator:

Dr. James Halpenny,
Institute of Arctic and Alpine Research

5:30-6:30

Wine and Cheese Reception and Art Show

University Club

6:30-8:00

Dinner

University Club

8:00-8:45
Duane
Physics
G030

Grizzly Bear Ecocenters

Dr. John J. Craighead

8:45-9:30
Duane
Physics
G030

Keynote Speech

Two centuries ago, the grizzly bear roamed throughout the West. Numbering perhaps 100,000, grizzlies were found in every state West of the Mississippi. Today the grizzly faces a grim future. Relentless human pressure has forced this magnificent animal into smaller and smaller pockets. In the lower forty-eight states, only 600-800 grizzlies remain, struggling to survive on less than 1% of their former forage.

In and around Yellowstone National Park, an isolated population of fewer than 300 bears faces ever-increasing pressure from habitat loss and human-caused mortality.

Can the Great Bear survive in Yellowstone, or is it destined to become a memory in the very park it has come to symbolize? What measures are being taken to help the grizzly bear? Are they working? Is it too late for the Great Bear?

Decisions are now being made which will determine the fate of the Yellowstone grizzly. This conference brings key scientists and policy makers together with the interested public in order to create better understanding and work toward solutions for the Yellowstone grizzly and the problems it faces.

REGISTRATION

Name _____

Address _____

City _____ State _____

Zip _____ Phone _____

- | | |
|--|------|
| ☐ CONFERENCE ONLY | \$ 8 |
| CU STUDENTS FREE | |
| ☐ SATURDAY LUNCHEON | \$ 7 |
| ☐ WINE & CHEESE RECEPTION | \$ 3 |
| ☐ SATURDAY DINNER | \$13 |

TOTAL ENCLOSED* _____

*Make checks payable to the University of Colorado

Please send check & registration form to:

CU Environmental Center

Campus Box 207

UMC 331 A

University of Colorado

Boulder, CO 80309

For information call (303) 492-8307

Aston Chase - 406 222 3515

Museum Assoc.

Gene Robinson

Barly can't approve
book - pocket veto
Editorial Committee
May 12 board meeting

D airport - shuttle bus - way to
to Boulder

Sandy - arapahoe Lodge -
2020 arapahoe

303 449 7550

single \$ 39.00 + tax

Frontier

Lv Fri. 11:05 am Denver 12:15 - \$99

Lv Den Sun 11:21 am Jackson 12:39 \$89

get ticket

call if I can't make Andy

} Andy
Aspens

(406) 243-0211

Missoula, Montana 59801

University of Montana



um

UNIVERSITY OF COLORADO, BOULDER

Environmental Center



November 6, 1986

Dr. Frank Craighead
Craighead Environmental Research Institute
P.O. Box 156
Moose, Wyoming 83012

Dear Dr. Craighead,

Regarding the grizzly bear conference which I have written you about, we have decided to reschedule it for April 4 and 5, rather than April 25 and 25, so that it can overlap for one day with the annual Triple AS conference (please see enclosed brochure).

The coordinator of that conference, Michelle Balcomb, would like to have the speakers we are inviting to our conference give short presentations on their work on the grizzly on the afternoon of Friday, April 4, prior to our all day conference April 5. She feels the topic would be of great interest to the participants at the Triple AS conference.

For that reason I would like to ask if you would be interested in giving a short presentation to the Triple AS conference, as well as to us. The topic could be the same in both cases.

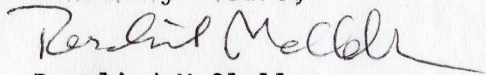
Enclosed is the application form which she will need to receive quite soon as the deadline is already passed and she has given us an extension. She asked me to tell our participants that formal written papers would not be necessary. However, she would like participants, if they are interested, to submit abstracts of verbal presentations they would like to give. The \$15 registration fee, if it is a problem, could be waived.

Also enclosed is a revised, still rough, version of the program.

I will try to call you later next week to find out a) if the date change for the conference is alright with you and b) whether you would be interested in participating in the Triple AS conference as well as ours.

I look forward to hearing from you.

Sincerely Yours,



Rosalind McClellan
Director



GRIZZLY BEAR CONFERENCE

April 4-5, 1986

Program Outline

Saturday, April 5

Morning

CURRENT STATUS OF THE GRIZZLY

Dr. John Craighead
Dr. Frank Craighead
Dr. Richard Knight, IGBS
Dr. Larry Roop, Wyoming State Biologist

CARRYING CAPACITY OF THE YELLOWSTONE ECOSYSTEM

Alston Chase

Afternoon

GRIZZLY BEAR RECOVERY PLAN

Dr. Chris Servheen

CUMULATIVE EFFECTS OF HUMAN IMPACTS

John Weaver, USFS
Jim Torrence, Regional Forester
Phil Hocker, National Sierra Club
Bob Anderson, Greater Yellowstone Coalition

LEGAL & HABITAT ISSUES

Jasper Carlton
Tony Povilitis

PANEL DISCUSSION - RECOVERY OPTIONS

Weaver	Hocker
Servheen	Chase
Roop	Anderson
Torrence	Carlton

SLIDE SHOW - HISTORY OF THE GRIZZLY IN THE WEST

Tim Clark

Evening

Keynote speaker - Sen Gary Hart or Rep. Tim Wirth
Slide show John & Frank Craighead

SOUTHWESTERN AND ROCKY MOUNTAIN DIVISION

American Association for the Advancement of Science

Sixty-Second Annual Meeting (Third Boulder Meeting)

Boulder, Colorado 1-5 April 1986 jointly with the

COLORADO-WYOMING ACADEMY OF SCIENCE

and the

Central Rockies Ecological Society

Colorado Biology Consortium

American Association of Physics Teachers (Colorado-Wyoming Chapter)

Colorado Biology Teachers Association

Colorado Alliance for Science

Academy of Independent Scholars

PRELIMINARY ANNOUNCEMENT & CALL FOR PAPERS

General Information

The Southwestern and Rocky Mountain Division, AAAS, will hold its 62nd annual meeting in Boulder, Colorado, 1-5 April 1986. Members of the Division (all AAAS members in Arizona, Colorado, Kansas, Nebraska, New Mexico, Oklahoma, Texas, Wyoming, Montana east of the Continental Divide, and Sonora and Chihuahua, Mexico), other scientists, and graduate students are invited to present papers on their research or participate in symposia at the meetings. Sections of the SWARM Division include Agricultural Sciences, Biomedical Sciences, Botanical Sciences, Computer Sciences, Mathematics and Statistics, Environmental Sciences, General Poster Session, Geology and Geography, History and Philosophy of Science, Physical Sciences and Engineering, Psychological Sciences, Science Education, Social Sciences, and Zoological Sciences.

The 1986 meeting will be held jointly with the Colorado-Wyoming Academy of Science, the American Association of Physics Teachers (Colorado-Wyoming Chapter), the Central Rockies Ecological Society, the Colorado Biology Consortium, the Colorado Biology Teachers Association, the Colorado Alliance for Science and the Academy of Independent Scholars. Headquarters for the meeting will be the College Inn Conference Center, a year-round residential meeting facility operated by the University of Colorado. Both sleeping rooms and meeting rooms are available in the College Inn, and cafeteria services are available as well. Special package rates which include room and board for meeting days are available at very reasonable costs. Please see Housing Accommodations on page 2 of this announcement.

The Committee for Local Arrangements has Klaus D. Timmerhaus (Associate Dean, College of Engineering) and Sam Shushan (Department of Evolutionary, Population and Organismic Biology) as Co-Chairmen. Other members of the Committee, and Section Coordinators are: Agricultural Sciences, Wayne Keim, CSU; Biomedical Sciences, M. L. Morse, University of Colorado Health Sciences Center; Botanical Sciences, Sam Shushan and Erik Bonde, Dept. of EPO Biology, CU; Computer Sciences, Mathematics and Statistics, Michael Main,

CU; Environmental Sciences, Pat Webber, Director of INSTAAR CU; Geology and Geography, William Hay, Department of Geology, CU; History and Philosophy of Science, Alfred Koenig, Institute for Advanced Philosophic Research, Boulder; Physical Sciences and Engineering, William Krantz, Department of Chemical Engineering, CU; Psychological Sciences, Donald Nash, Department of Zoology, CSU; Science Education, Miriam Denham, Gesneriad Gardens, Boulder; Social Sciences, Gordon Hewes, Department of Anthropology, CU; Zoological Sciences, David Armstrong, Center for Interdisciplinary Studies, CU; General Poster Session, Peg Heimbrook, UNC.

Liaisons from cooperating societies and sections are: Colorado-Wyoming Academy of Science, Ronald K. Plakke, University of Northern Colorado; American Association of Physics Teachers, Stephen Iona, Westminster High School; Central Rockies Ecological Society, Erik K. Bonde, University of Colorado; Colorado Biology Teachers' Association, Keith Anderson, Aurora; Colorado Alliance for Science, Mannert Kennedy, University of Colorado.

University of Colorado

At its first session in 1861, the Territorial Legislature of Colorado passed an act providing for a university at Boulder. The University was formally founded in 1876, the same year that Colorado became the Centennial State. Between 1861 and 1876, Boulder citizens donated land south of town and made gifts to match the \$15,000 appropriated by the state legislature for construction of the University. The cornerstone for Old Main, the first University building, was laid in 1875. The University opened its doors on September 5, 1877, with 44 students, a president, and one instructor.

Today the University system includes four campuses: the main campus at Boulder, and campuses at Colorado Springs, Denver, and the Health Sciences Center in Denver. The campuses have a combined enrollment of almost 35,000 students. The Boulder campus is located at the base of the Rocky Mountains, at an altitude of 5000+ feet. The campus covers 600 acres and includes 160 buildings constructed of rough-cut sandstone with red tile roofs. The rural Italian architectural style evolved from a master plan developed by Philadelphia architect Charles Klauder in 1917. The Norlin Quadrangle, including the original Old Main building, has been named to the State and National Register of Historical Places.

The Boulder Campus has five colleges and four professional schools that offer more than 3000 courses in over 140 fields of study. There are approximately 81 bachelor's degree programs, 61 master's programs, and 52 doctoral programs. These programs represent a full range of disciplines in the humanities, the social sciences, the physical and biological sciences, and the professions. CU-Boulder is among the top 20 universities in the country in gaining federal research support. Some of its well-known research institutes include the Cooperative Institute for Research in Environmental Sciences, the Institute for Behavioral Genetics, the Institute of Behavioral Sciences, the Institute of Cognitive Science, the Institute of Arctic and Alpine Research, the Joint Institute for Laboratory Astrophysics, and the Laboratory for Atmospheric and Space Physics. Teaching and research programs are also closely integrated with national agencies and laboratories in Boulder such as the National Center for Atmospheric Research, which includes the High Altitude Observatory, the National Bureau of Standards, and the National Oceanic and Atmospheric Administration.

Boulder

Boulder County encompasses five ecological zones, from 5,000 feet above sea level (plains grassland) to 14,000 feet (alpine tundra). Downtown Boulder is only twenty miles from the Continental Divide and some of the most spectacular scenery in the United States. Boulder residents sometimes remember Chief Left Hand's prophesy that those who come to the Boulder valley will never be able to leave.

The city of Boulder, an attractive community of 80,000 people, is committed to preserving its beautiful natural environment and provides its residents with many parks and open spaces. Contemporary environmental design and renovated historical buildings combine to give the city a pleasant, well-planned atmosphere. Metropolitan Denver, with a population of 1.6 million, is 30 miles from Boulder and offers the opportunities and resources of a large city that is easily accessible. Stapleton International Airport is served by most major air carriers and is located 20 minutes northeast of downtown Denver.

Registration

Registration will take place at the College Inn Conference Center in the Registration Area, just inside the front door, beginning at 2 pm on April 1. Registration will be open from 2 to 7 pm on Tuesday, April 1, from 8:30 am to 5 pm on Wednesday through Friday, April 2-4, and from 8:30 to 10 am on Saturday, April 5.

All persons planning to attend the meeting are urged to pre-register as soon as possible using the forms provided in the centerfold of this announcement. The fee for advance registration is \$15.00 for regular members, \$10.00 for participating spouses, and \$5.00 for students or their participating spouses. After Friday, March 14, 1986, the registration fee is: Regular, \$22.00; spouses, \$15.00, students, \$10.00. Please mail the preregistration form with the appropriate payment to SWARM DIVISION, AAAS--MEETINGS, Colorado Mountain College Spring Valley Campus, 3000 County Road 114, Glenwood Springs, CO 81601. Your check must be made payable to SWARM Division, AAAS. Refunds, minus a \$3.00 service charge, will be issued to those who find they cannot attend, if requested from the SWARM Division in writing at the above address and postmarked on or before March 21, 1986.

INDIVIDUALS PRESENTING PAPERS SHOULD SEND THEIR CHECK AND PREREGISTRATION FORM WITH THEIR ABSTRACT TO THE ABOVE ADDRESS.

Advance registrants may pick up their packets, which will contain the general program, abstracts, name tags, and special events tickets, at the Preregistration Desk, Registration Center, upon arrival at the College Inn within the above hours. For those registering after March 14, the program, abstracts, name tags and special events tickets will be available upon registration. Tickets for the Friday night Awards Banquet must be purchased by noon on Wednesday, April 2. Advance reservations can be made by filling out the appropriate blank on the Preregistration form.

Housing Accommodations

The College Inn Conference center is a self-sufficient facility which offers a package plan that includes room and three meals a day for a very reasonable amount. Because of time considerations and the fact that most eating places are some distance from the Inn, it is recommended that you consider the package plan. The cafeteria at the College Inn serves appetizing foods in the quantities you desire.

The package rate is as follows:

	ADULT		CHILD	
<u>Single</u>	<u>Double</u>	<u>6 & under</u>	<u>7-12</u>	<u>13+</u>
\$57.00	\$41.00	free*	\$11.00*	\$21.00*
<u>Room Only</u>				
\$41.00	\$25.00	free*	free*	free*
<u>Meal Ticket Only</u>				
\$21.00	\$21.00	free	\$11.00	\$21.00

*Room rate is free when children stay in the same room as the parents after basic room charge is paid by parents. If child or dependent(s) require separate rooms, they will pay normal room rental rate with option of doubling children in each bed.

Please note that these rates are only a guide for tentative planning purposes. Some variation in these amounts may occur, but if so, only modest increases are expected to take place. The College Inn accepts VISA and Mastercard, as well as personal checks.

Since the Awards Banquet is scheduled for Friday night, this meal will not be included on meal tickets. Instead, Friday's "package" will be reduced by an appropriate amount. Since the banquet will be a special and above average meal, its cost will be greater than that of the meal on the meal ticket. Please make reservations for the Awards Banquet by checking the space on the back of the Preregistration Form. A regular cafeteria meal will not be served on Friday evening, April 4.

Special Events

Division Icebreaker Social. Tuesday, April 1, from 7:30 to 9:30 pm., Flatirons Room. A beer and wine mixer providing an opportunity to get acquainted with other meeting participants. Please register first, you must wear your name tag when attending this event.

General Opening Session. Wednesday, April 2, at 9:00 am in the Colorado Room. The first session of the 1986 annual meeting will include a greeting from University of Colorado President, Dr. Gordon Gee, and a response by SWARM President, Dr. Donald J. Nash. The opening address is yet to be confirmed.

SWARM Council Luncheon. Wednesday, April 2, at noon in a room off the cafeteria. Members of the Executive Committee and all Section officers make up the SWARM Council. The hosted luncheon will be followed by Section business.

Past-Presidents' Dinner. Wednesday, April 2, at 6:30 pm in the Flatirons Room. A dinner honoring Past-Presidents of the SWARM Division

SWARM Division Luncheon and Business Meeting. Thursday, April 3, at noon in the Cafeteria. For those having meal tickets, there is no additional cost. Tickets for this meal only will be \$6.50. Outside participants will also be able to buy daily meal tickets, if reserved in advance (see Preregistration Form, side 2).

John Wesley Powell Memorial Lecture. Thursday, April 3, at 7:30 pm in the Colorado Room.

OFFICERS

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Donald J. Nash, Colorado State University
Charles E. Holley, Boulder
Robert A. Wright, West Texas State University
M. Michelle Balcomb, Colorado Mountain College

President
Past-President
President-Elect
Executive Director

Regional Representatives

Marion E. Cornelius, Central Arizona College
F. Brent Reeves, Colorado State University
L. T. Fan, Kansas State University
Daniel N. March, Montana State University
Joe R. Goodin, Texas Tech University

Arizona (1988)
Colorado (1988)
Kansas-Oklahoma (1987)
Montana-Wyoming-Nebraska (1986)
Texas (1986)

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Vice-Chair---Albert Dobrenz, University of Arizona
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Vice-Chair---M. L. Morse, U. of Colorado Health Sciences Center
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Vice-Chair---Gordon Johnson, University of New Mexico
Secretary---Tim Fischer, WIPP Project, Carlsbad, NM

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Secretary---David Pettus, Colorado State University

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Zoological Sciences Section

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Vice-Chair---Allen J. Billy, University of Texas
Secretary---Margery L. Oldfield, University of Texas

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Chair---Lora M. Shields, Navajo Community College, NM

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President
President-Elect
Past President
Vice President
Executive Secretary & Editor
Treasurer
CWNJAS Exec. Secretary and Rep. to AAAS Council
Historian

(Continued on page 6)

CALL FOR PAPERS

Complete and return this Call for Papers Form no later than October 31, 1985. Please follow the directions for preparation of abstracts carefully; your typed original, which will not be edited, will be our camera-ready copy. Also, please circulate this announcement and form or a copy thereof to your students and colleagues who may not receive the announcement (sent to all AAAS members in the geographical SWARM Division and members of cooperating organizations). Additional copies are available from the Executive Director of SWARM.

Abstract submitted for the SWARM Division, AAAS, and C-WAS Annual Meeting

Symposium or Section in which your paper is to be presented:

Name of Contributor _____

Address _____

Phone () _____

Title of Paper _____

Co-author (please indicate who will present paper) _____

If this is a student paper to be judged for an award, check here _____

If this is a student paper not to be judged for an award, check here _____

Permanent address and telephone of student: _____

AV equipment required other than 2x2 slide projection or chalkboard (see No.6, Instructions for Submitting Papers) _____

TYPE ABSTRACT HERE

PREREGISTRATION FORM (Please print or type)

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE
SOUTHWESTERN AND ROCKY MOUNTAIN DIVISION

62nd Annual Meeting Boulder, Colorado 1-5 April 1986

with the
COLORADO-WYOMING ACADEMY OF SCIENCE COLORADO BIOLOGY CONSORTIUM
AMERICAN ASSOCIATION OF PHYSICS TEACHERS (Colorado-Wyoming Chapter)
COLORADO BIOLOGY TEACHERS ASSOCIATION CENTRAL ROCKIES ECOLOGICAL SOCIETY
COLORADO ALLIANCE FOR SCIENCE ACADEMY OF INDEPENDENT SCHOLARS

NAME _____

BUSINESS ADDRESS _____

TELEPHONE (Office) _____ (Home) _____

MEMBER: AAAS (Section _____) C-WAS AAPT CRES CBC CBTA CAS AIS

REGISTRATION

Regular \$15.00 (\$22.00 after March 14) \$ _____

Spouse \$10.00 (\$15.00 after March 14) \$ _____

Student or spouse \$5.00 (\$10.00 after March 14) \$ _____

Total this page \$ _____

Total next page \$ _____

TOTAL ENCLOSED \$ _____

Please check here if you require special services (e.g., handicapped parking or other special assistance) Please detail. _____

If you are presenting a paper or taking part in a symposium, please indicate Section in which you are presenting paper, or symposium title. _____

CHECKLIST FOR THOSE SUBMITTING ABSTRACTS: Have you enclosed

____ Call for Papers form, with correctly-written abstract?
____ Self-addressed postcard for acknowledgement?
____ Self-addressed self-stick label if not member of participating society?
____ Non-technical version? _____ 3 clear xerox copies?
____ Preregistration form? _____ Registration fee?

Send to: SWARM DIVISION, AAAS--MEETINGS, Colorado Mountain College, 3000 County Road 114, Glenwood Springs, CO 81601.

Detach
Here

Southwestern and Rocky Mountain Division, AAAS
Colorado-Wyoming Academy of Science
Joint Annual Meeting University of Colorado 1-5 April 1986

ROOM APPLICATION: COLLEGE INN CONFERENCE CENTER

I would like to reserve space and meal tickets during attendance at the annual meetings of the Southwestern and Rocky Mountain Division, American Association for the Advancement of Science, and the Colorado-Wyoming Academy of Science at the University of Colorado, April 1-5, 1986.

NAME _____

ADDRESS _____

TELEPHONE _____ REPRESENTING _____

NUMBER OF ROOMS NEEDED _____ NUMBER IN PARTY: Adults _____ Children _____

DO YOU WISH THE PACKAGE RATE WITH MEAL TICKET? Number: Adults _____ Children _____

Rate \$ _____ * Number of Nights _____

AMOUNT ENCLOSED FOR DEPOSIT \$ _____

OR CREDIT CARD NAME _____

Card Number _____ Expiration Date _____

DATE OF ARRIVAL _____ Approximate Time _____

DATE OF DEPARTURE _____

*Please be aware that prices indicated in the text are as of December, 1985; the prices quoted are not guaranteed, but are not expected to increase as much as 5%. Applicable taxes are not included in the price quoted.

Please send your reservations directly to the College Inn Conference Center, 1729 Athens St., Boulder, Colorado 80302, (303) 444-2676.

SPECIAL EVENTS AND FIELD TRIPS

Special Events and Field Trips are described on page 2 of the Announcement. Please use this form to preregister for these events. Your accompanying check must be made payable to SWARM DIVISION-AAAS and sent directly to the Executive Director, as indicated on the reverse side of this form. March 14, 1986, is the deadline for advance reservations for these events. Refunds will be made to those who request them in writing to the Division's office in Glenwood Springs, and postmarked on or before March 21, 1986.

ICEBREAKER SOCIAL (Tuesday, April 1, 7:30 pm)
(No charge) Do you expect to attend: Yes _____ No _____

SWARM Division Luncheon (Thursday, April 3, Noon)
There will be no additional charge for this luncheon if you are using a meal ticket issued by the College Inn (either as a resident or by daily purchase). Individual tickets will be \$6.50, and must be reserved by noon on 1 April 1986.

No. single reservations @\$6.50 _____ Total \$ _____

No. attending SWARM luncheon on meal ticket _____

C-WAS Luncheon (Friday, April 4, Noon)
There will be no additional charge for this luncheon as above. Individual tickets will be \$6.50, and must be reserved by noon on 2 April 1986.

No. single reservations @\$6.50 _____ Total \$ _____

No. attending C-WAS luncheon on meal ticket _____

Joint Awards Banquet (Friday, April 4, 7:30 pm)

No. reservations _____ @ \$18.00 (Regular) \$ _____

_____ @ \$10.00 (Student) \$ _____

Daily meal tickets (only) for those commuting locally are available at \$21.00. No. meal tickets _____ \$ _____

FIELD TRIPS

Tour of National Center for Atmospheric Research (Friday, April 4, 1:30 pm.)

No. @\$2.00 (transportation fee) _____ \$ _____

Total this page \$ _____

Detach
Here

OFFICERS (Continued)

Executive Committee

Clait E. Braun, Colorado Division of Wildlife
Sallie A. Watkins, University of Southern Colorado
Merle Harrison, Fort Lewis College
F. Brent Reeves, Colorado State University
Emily L. Hartman, University of Colorado, Denver
Elizabeth Ann Morris, Colorado State University

CWJAS Advisors

Robert E. Miller, Pueblo
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C-WAS Luncheon. Friday, April 4, at noon in the Cafeteria. For those with meal tickets there will be no additional charge for this luncheon. Individual tickets may be purchased for \$6.50, but must be reserved in advance(See Preregistration Form, page 2).

President's Evening: Hospitality Hour. Friday, April 4, at 6:00 pm in the Flatirons Room. A reception for all participants of the SWARM annual meeting will be held preceding the Awards Banquet. Wine, beer, and soft drinks will be provided; mixed drinks available on a cash basis. Please wear your name tag to this event.

SWARM Awards Banquet and Presidential Address. Friday, April 4, at 7:30 pm. Cost of the banquet is \$18.00; student registrants may purchase tickets for \$10.00. Advance reservations are required and may be made by checking the appropriate blank on the Preregistration form.

FIELD TRIP

A tour of the National Center for Atmospheric Research has been planned tentatively for Friday afternoon, April 4. Here you can see everything from models of thunderstorms to the latest in computers. This tour is limited to 25 persons,

Symposia

Symposia planned for the Boulder meeting include:

Cognitive Science: Theory, Methodology, and Application, sponsored by the Psychological Sciences Section. Featured speakers will be Gerhardt Fisher, University of Colorado at Boulder, and Peter Polson, also from UCB. Other participants include Patricia Baggett, Gary Bradshaw, both of UCB; Don Foss from University of Texas at Austin; Jim McDonald, New Mexico State University; Ramonde Guindon, Bill Jones, Clayton Lewis, and Jim Miller from Microelectronics and Computer Technology Corporation in Austin, Texas. Jesse Purdy is in charge of arrangements for the symposium.

Innovations in Science Teaching arranged by Russell Larsen and Miriam Denham for the Science Education Section*. Gerald Skoog, president of the National Science Teachers' Association will be one of the participants.

Teaching Science Using Atmospheric Phenomena is a joint symposium sponsored by the Science Education Section and the Physical Sciences and Engineering Section. Donald Stedman from Denver University will be the coordinator.

Value Issues in Science and Technology, coordinated by Stuart Oakley of Mesa College in Grand Junction, Colorado, will be an **open symposium**. Those who desire to contribute papers to this symposium (scheduled for Thursday, April 3) should indicate this on the Call for Papers form. The symposium is sponsored jointly by the Science Education Section and the History and Philosophy of Science Section.

Fractals: Theory and Application arranged by the Computer Sciences, Mathematics and Statistics Section, coordinated by Dan Mauldin.

***TEACHERS:** There will be a workshop for credit based on a combination of the Science Education symposia. Final details and application forms will be included in the Preliminary Program which will be distributed in February.

SUBMISSION OF PAPERS

You are invited to present discussions of your research at the meetings of the Colorado-Wyoming Academy of Science and the Southwestern and Rocky Mountain Division of the American Association for the Advancement of Science, April 1-5, 1986.

Members of the Division, the Academy, and cooperating societies are the only ones who will receive this Announcement and Call for Papers. The meetings are open, however, to all, and you are urged to call this to the attention of any of your colleagues and students who may not be members but are interested in attending and presenting papers.

TITLE AND ABSTRACTS OF PAPERS PROPOSED FOR PRESENTATION MUST BE SENT SO AS TO REACH THE SWARM EXECUTIVE DIRECTOR NO LATER THAN 31 OCTOBER 1985.

A Preliminary Program will be mailed to members and authors on or about 1 February 1986.

Abstracts will be published jointly by SWARM/AAAS and the Colorado-Wyoming Academy of Science, and will be available to registrants at the meetings. Individuals who do not expect to attend the meetings may order a copy of the abstracts for mail delivery by sending a check for \$4.00 to the Executive Director of SWARM Division, AAAS, at the address on the Preregistration Form. All members of the Colorado-Wyoming Academy of Science will receive a copy of the Abstracts.

PROCEDURE FOR SUBMITTING PROPOSED PAPERS

1. **Title and Abstract:** A title must be submitted for each paper to be presented at the meeting. The title and abstract must conform to the standardized format.

2. **Preparation:** To prepare titles and abstracts, adhere strictly to the directions given under Preparation of Abstracts and Sample Abstract.

3. **Deadline:** Titles and abstracts must be mailed in time to reach the Executive Director no later than 31 October 1985.

4. **Notification of Acceptance:** Enclose with each submission form a stamped, self-addressed post card so that Section officers may notify you of the acceptance of your paper.

5. **Length of Presentation:** In general, a maximum of 15 minutes will be allowed; a longer time must be arranged with the Section Secretary of the appropriate section.

6. **Projection Equipment:** Only 2 x 2 projectors and blackboards will be available in the meeting rooms unless other types of equipment are specifically requested (see Call for Papers form in centerfold). Authors requiring other types of projection equipment are responsible for supplying that additional equipment or making arrangements for it with the local committee.

7. **Best Paper Award:** Students presenting papers to be considered for the Best Paper Award must indicate their desire to have their papers judged by checking the appropriate box on the Call for Papers form. Student papers must be presented on Wednesday, Thursday or Friday before 3 pm in order to be judged in time for the Awards Banquet on Friday night. These forms must also be accompanied by a permanent address and telephone number where the student may be contacted.

8. **Registration Fee:** All authors are required to submit with their title and abstracts the preregistration fee of \$15.00 (\$5.00 for students). Please make checks payable to SWARM Division, AAAS. If the preregistration fee is not submitted, the paper will not be considered for the meeting, nor the abstract published.

9. Participants who wish to have a Preliminary Program sent to them, but who are not members of SWARM Division, AAAS, Colorado-Wyoming Academy of Science, or one of the other cooperating societies, must enclose a self-addressed 1" x 3" self-stick label with their abstract.

10. **Additional Forms and Information:** If additional submission forms are needed, duplicate without alteration the Call for Papers form in the centerfold. Questions concerning the submission of papers and abstracts may be directed to the Executive Director:

Dr. M. Michelle Balcomb, Executive Director
SWARM Division, AAAS
Colorado Mountain College
3000 County Road 114
Glenwood Springs, CO 81601 (303) 945-5516

NOTICE TO ADVISORS OF GRADUATE STUDENTS

You are invited to consider the opportunity for appearance before a critical but sympathetic audience that these meetings offer for your graduate students. Preliminary reports or papers on the final results of thesis or dissertation research, as well as papers on other projects are always of interest to others attending the meetings. Most advisors consider presentations at these meetings of an organization of international scope as valuable if not required experience. Students receive reduced registration rates and reduced-price banquet tickets.

Preparation of Abstracts

Abstracts will be published exactly in the form and condition submitted by the author. Every error which appears in the submitted abstract will appear in the printed abstract. Each author must, therefore, prepare his/her abstract with extreme care. Please read the following instructions carefully before preparing your abstracts. Refer to the Sample Abstract below for the proper format.

SAMPLE ABSTRACT

RESERVOIR ENGINEERING OF GEOTHERMAL SYSTEMS. Paul A. Witherspoon, Lawrence Berkeley Laboratory.

In the last few years new methods have been developed for the analysis of geothermal reservoir data and the assessment of geothermal systems. Examples include methods for analyzing non-isothermal injection tests, front-tracking, correlating tracer and thermal fronts and evaluating the effects of injection on the overall energy recovery. New reservoir assessment methods allow for realistic evaluation of reservoir performance on a well-by-well basis, yielding more detailed and accurate assessment.

Please observe the following points, as you type your abstract on the Call for Papers form on the centerfold.

1. **Length of Abstract:** Limit the abstract to 200 words. Abstracts which exceed 200 words will be cut at the end of the sentence nearest the 200 word limit.

2. **Typing:** Type the abstract, single spaced, 1/2 inch inside of the marked area on the Call for Papers form. It is very important to keep your abstract within the limits of a 5-inch square. Clean the type before typing the abstract. Use an electric typewriter and carbon ribbon if possible; otherwise use a reasonably new, good quality black ribbon. Dot matrix printing is not acceptable; it is not sharp enough, nor dark enough.

3. **Titles:** Use a short, concise title that indicates the content of the abstract. Begin the title at the left hand margin (one-half inch from edge of form). Capitalize all words in the title and underline all scientific names or type these in italics.

PLEASE NOTE: The information and forms included in this Announcement will not be repeated in the Preliminary Program which will be distributed in February. You are urged to save this issue for reference before and during the meetings.

4. **Authors and Institutions:** Immediately follow the title with the name(s) of the author(s) and institution. If the paper is of joint authorship, and different institutions are represented, each author should be listed by institution; if both are from the same institution, one listing is sufficient. Underline the name of the author who will make the presentation.

Capitalize only the first letter of the author's name(s) and name of the institution. Do not include departments, divisions, professional titles, etc. Omit city and state unless these are part of the name of the institution.

5. **Text of Abstract:** Double space between title-author heading and text of abstract. Begin first word of text at left hand margin as with title of abstract. Do not divide text into paragraphs. Underline or type in italics all scientific names where appropriate.

6. **Figures, Formulae and Tables:** These may be used if they do not exceed space required by a 200-word length of text, approximately 5 inches. Figures must be done with black drawing ink. Proper symbols must be typed or drawn in all formulae.

7. **Photocopies:** Three black on white 8 1/2" x 11" photocopies (xerox or similar quality) must be submitted in addition to the original typed copy of the abstract. Authors should also submit a short, concise, non-technical version of their abstracts for use by the publicity chairperson in preparing news releases.

8. **Forms and Fees:** All abstracts must be submitted on the Call for Papers form in the centerfold, or its exact duplication.

Authors are required to submit with their abstracts the preregistration fee of \$15.00 (students \$5.00). Make checks payable to SWARM Division, AAAS. Clip the check to the preregistration form (do not staple). Submissions not accompanied by the fee will not be accepted. Please include the preregistration form from the centerfold.

9. **Abstracts not meeting all of these requirements will be rejected.**



Southwestern and Rocky Mountain Division

American Association for the Advancement of Science
Colorado Mountain College • 3000 Co. Rd. 114 • Glenwood Springs, CO 81601

Non-profit Organization

U.S. POSTAGE

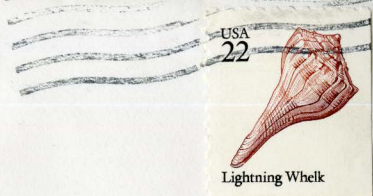
PAID

Glenwood Springs, Colorado

Permit No. 28

Dated Material: Abstracts must be returned by October 31.

CAMPAIGN FOR YELLOWSTONE'S BEARS
P.O. Box 416 • Boulder, CO 80306



FRANK CRAIGHEAD
C.E.R.I.
BOX 156
MOOSE, WY 83012

THE GRIZZLY BEAR COOKBOOK

P.O. BOX 416 BOULDER, CO 80306 (303) 444-5824

FEBRUARY 20, 1986

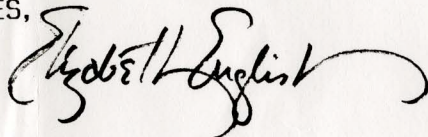
GREETINGS !

THE CAMPAIGN FOR YELLOWSTONE'S BEARS IS MAKING UP A COOKBOOK OF RECIPES FROM ALL OF OUR FRIENDS AND SUPPORTERS. WE'D LIKE YOU TO SEND US A COPY OF YOUR FAVORITE RECIPE, FOR INCLUSION IN OUR COOKBOOK. TELL US A LITTLE STORY ABOUT THE RECIPE, OR TELL US HOW YOU FEEL ABOUT THE GRIZZLY BEAR...THIS WILL BE A BOOK TO READ AND ENJOY, AS WELL AS A SHARING OF RECIPES....

THIS COOKBOOK WILL BE A FUND-RAISING EFFORT FOR CYB AND WILL HELP TO GET THE WORD OUT ON SAVING THE GREAT BEAR FROM EXTINCTION IN THE YELLOWSTONE ECOSYSTEM. FEEL FREE TO SEND ANY KIND OF RECIPE , POEM, ART, ETC. AND WE'LL BE GLAD TO ADD IT TO THE BOOK.

WE NEED THESE RECIPES RIGHT AWAY , SO PLEASE SEND THEM AS SOON AS YOU POSSIBLY CAN! WE ALREADY HAVE A GREAT DEAL OF INTEREST IN THE BOOK AND MANY ORDERS, PRIOR TO PUBLICATION. THANK YOU IN ADVANCE, FOR CARING ABOUT THE GRIZZLY BEARS' FUTURE.

FRIENDLIEST BEST WISHES,



ELIZABETH ENGLISH

TONY POVILITIS



November 6, 1986

Dr. Frank Craighead
Craighead Environmental Research Institute
P.O. Box 156
Moose, Wyoming 83012

Dear Dr. Craighead,

Regarding the grizzly bear conference which I have written you about, we have decided to reschedule it for April 4 and 5, rather than April 25 and 25, so that it can overlap for one day with the annual Triple AS conference (please see enclosed brochure).

The coordinator of that conference, Michelle Balcomb, would like to have the speakers we are inviting to our conference give short presentations on their work on the grizzly on the afternoon of Friday, April 4, prior to our all day conference April 5. She feels the topic would be of great interest to the participants at the Triple AS conference.

For that reason I would like to ask if you would be interested in giving a short presentation to the Triple AS conference, as well as to us. The topic could be the same in both cases.

Enclosed is the application form which she will need to receive quite soon as the deadline is already passed and she has given us an extension. She asked me to tell our participants that a formal written paper would not be necessary. However, she would like participants, if they are interested, to submit abstracts of verbal presentations they would like to give. The \$15 registration fee, if it is a problem, could be waived.

Also enclosed is a revised, still rough, version of the program.

I will try to call you later next week to find out a) if the date change for the conference is alright with you and b) whether you would be interested in participating in the Triple AS conference as well as ours.

I look forward to hearing from you.

Sincerely Yours,

Rosalind McClellan
Director

DEAR DR CRAIGHEAD,
HERE IS A SECOND
COPY OF THE LETTER
I SAID I WOULD
SEND

Rosalind McClellan, Director
Environmental Center

Univ. of Colo. ^{Boulder}
Boulder

Campus Box 207

Boulder, Colo. 80309

Dear Rosalind:

I have delayed answering your letter of invitation to participate in the conference on the Yellowstone Grizzly Bear until I could see if there was a reasonable chance of my attending. Unless I have a change of schedule I will be out of the country ~~at that~~ at that time.

The objectives of the conference are certainly worthwhile and your approach an excellent one for achieving them. I wish you success in this endeavor and thank you for the invitation to participate.

Sincerely
FCC.

4:15 ROLE OF CONSERVATION GROUPS

National Audubon Society
Defenders of Wildlife
Great Bear Foundation
Campaign for Yellowstone Bears
People for Ethical Treatment of Animals
other ?

5:00 OUTLOOK FOR THE GRIZZLY - PANEL DISCUSSION

Dr. Chris Servhine
Dr. John Weaver
Dr. Richard Knight
Representatives from selected environmental groups

6:00 DINNER

7:30 KEYNOTE SPEAKER

Senator Gary Hart
(Or as a second choice, Congressman Timothy Wirth)

✓ 8:00 GRIZZLY BEARS & MAN - SLIDE PRESENTATION

Drs. John & Frank Craighead

8:45 RECEPTION

Additional Workshops being considered for Thursday & Friday prior:

GRIZZLY BEAR IN THE SOUTHWEST: PAST & FUTURE

Don Brown, Arizona Game & Fish Department
Bob Hernbrode, Colorado Division of Wildlife

GRIZZLY CONSERVATION IN THE NORTHERN ROCKIES

Lance Olsen, Great Bear Foundation
Jasper Carlton
Doug Peacock

LEGAL ASPECTS OF GRIZZLY BEAR CONSERVATION

Representative of Sierra Club Legal Defence Fund

YELLOWSTONE NATIONAL PARK & FORESTS: LAND USE ISSUES

Rick Meis, Matt Reid, Madison-Gallatin Alliance

Get to know us

Sponsored by the UCSU Environmental Board, we coordinate a variety of activities for awareness and protection of the natural environment. The Center creates a forum for discussions, resources for research, and a base to foster environmental activism. C.U. and Boulder are confronted with some very serious environmental challenges, and we provide you with an outlet to help solve them.

The Center is staffed by one professional director, three part-time student employees, and many volunteers, who are all available to help you Monday-Friday.

Future Directions

Activities sponsored by the Environmental Center have included films, speakers, and displays on many topics. A major oil shale conference was held last spring to explore the potential problems associated with oil shale development and its impact on surrounding communities. The conference also articulated alternatives to address the pressing energy needs the world is faced with.

Current Projects

This year the Center plans a Clean Air Act Conference, which will explore anti-pollution laws by calling upon experts and Colorado congress people to express their points of view on this topic. F.A.C's will be held to acquaint the students with the activities of the Center and to interest them in internships and particular environmental issues that need support. Also planned is a month long energy awareness program that will feature films, demonstrations and exhibitions in October.

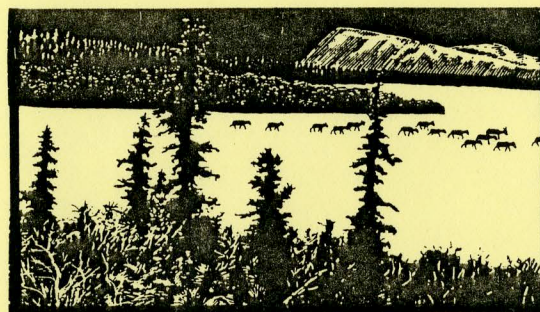
Environmental Library

The Center provides a 1200 volume library with subjects ranging from nuclear power to health food cookery. We also keep extensive files of newspaper clippings and recent publications. These resources aid students researching for classes or for projects designed for Environmental Center internships.

Internships and Volunteer Positions

Internships are designed to help a student discover and explore his or her environment and to earn academic credit while gaining valuable experience. Projects that are designed and carried out by interns include studies on toxic substances, energy conservation, recycling, wilderness, and many others.

Several student organizations are based at the Environmental Center. Their specialized activities expand the Centers work and are open to all students.



Continuing Programs

C.U. Recycling is the student-run recycling program on campus. Recycling receptacles can be found at many locations on campus to collect newsprint, aluminum, and office paper. Great strides are being made in achieving comprehensive recycling at C.U.

Groups Affiliated with the Environmental Board

C.U. Wilderness Study Group UMC 188 492-6870

The University of Colorado Wilderness Study Group was formed in 1970 for the specific purpose of conducting field research on potential activities in order to stimulate and educate University and local communities. Using primary field research data, the C.U. Wilderness Study Group has provided state environmental organizations, the University, and the community with information necessary to support the protection of Colorado's most impressive undeveloped land. The C.U. Wilderness Study Group is a semi-autonomous organization affiliated with the UCSU Environmental Center and Board. The office is located in UMC 188, directly across from the Alferd Packer Grill.

Greenpeace UMC 331A 492-8308

This national organization was just recently approved for sponsorship by the UCSU Environmental Board. In the Colorado region, Greenpeace focuses on energy development. Uranium mining on public lands, and the consequential health hazards is one current project of the group. Other efforts of Greenpeace include whale and seal protection financed by promotional sales of T-shirts and jewelry.

Solar Energy Group UMC 331A 492-8308

Formerly known as Solaware, the aim of the Solar Energy Group is to explore the variety of applications of solar technology including solar ponds, temperature sensitive glass, passive heat storage, and traditional solar panels. The group will be promoting the use of solar energy on campus, and trying to familiarize people with the uses of solar energy, fast becoming a part of everyday life. This Group is sponsored by the UCSU Environmental Board.

Endangered Species Group UMC 331A 492-8308

The aim of this group is to increase student

involvement in the protection of rare species, especially local rare species such as the Peregrine Falcon and Blackfooted Ferret. The Endangered Species Group is also concerned about the impacts of the reduction of tropical rainforests, and the global trend toward environmental degradation on plant and animal species.

Developing a sizeable data base on endangered species and their problems is the central activity of the group. They also show films, contact members of Congress, give presentations on campus and in local public schools, and put on rallies. The Endangered Species Group is sponsored by the UCSU Environmental Board.

C.U. World Citizens UMC 331A 492-8308

The campus chapter of World Citizens, an international organization, is working to stop the proliferation of nuclear weapons, the development of nuclear power, and to promote awareness of the increasingly delicate world environment. The traditional approaches to the arms race and energy crisis (nuclear weapons and power) create a variety of problems for the human race.

World Citizens is concerned and seeks to promote alternative approaches to energy and defense problems. The group undertakes activities including the circulation of literature and petitions, rallies and presentations. The World Citizens group is sponsored by the UCSU Environmental Board.

The local Chapter of the Sierra Club is now sponsoring a student chapter that serves the University community. The group is concerned with Boulder's growth and development including open space preservation and transportation alternatives.

The C.U. Bicycle Action Group is also a new group that has joined at the Environmental Center. This group of bicycle enthusiasts will work on topics including the construction of new bike paths, bicycle safety workshops, bicycle commuting and touring.

Environmental Center
UMC 331A
University of Colorado
Boulder, CO 80309



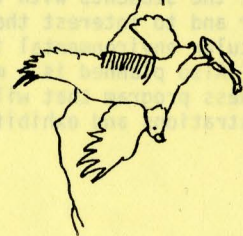
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university of colorado, boulder
umc 331a 492-8307



A Service of U.C.S.U.

C.U. Environmental Center



UNIVERSITY OF COLORADO, BOULDER

Environmental Center



October 17, 1985

Dr. Frank Craighead
Craighead Environmental Research Institute
P.O. Box 156
Moose, Wyoming 83012

Dear Dr. Craighead,

I am writing to ask you to be a participant in a conference on the Yellowstone Grizzly Bear, which the CU Environmental Center is planning to sponsor on April 25 and 26, 1986.

Despite a plethora of recent grizzly conferences in the Yellowstone region, there remains a great deal of unsatisfied curiosity here in the Denver area. Our aim in sponsoring the conference is provide a broad-ranging perspective on the issue, to offer a forum for the expression of various viewpoints, and to attempt to clarify some of the complexities involved.

Because of your longstanding experience and involvement with this issue, we feel that your presence would be essential in contributing to the understanding of people in this region.

Enclosed is a very tentative outline of the schedule, as we have envisioned it so far. We are also contacting other groups for co-sponsorship, including the CU Biology and Geography Departments and local Audubon and Sierra Club groups.

Were you to be a participant in the conference you would probably need to be here in Boulder from Friday evening, April 25, until Sunday morning April 27. Naturally we would want to provide travel and lodging for you.

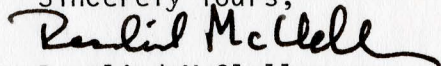
We hope very much that you will see the conference as an opportunity to educate a new geographical constituency about grizzly bears.

I hope you will not mind if I contact you quite shortly about your response to our invitation. We are trying to meet a grant proposal deadline.

Meanwhile feel free to contact me at (303) 492-8307 after 11 any day.

Looking forward to talking with you. Thank you for your consideration.

Sincerely Yours,



Rosalind McClellan
Director

UNIVERSITY OF COLORADO, BOULDER

Environmental Center



PROPOSED PROGRAM:

GRIZZLY BEAR CONFERENCE

APRIL 25-26, 1986

CU ENVIRONMENTAL CENTER

FRIDAY, APRIL 25 7 PM WHY SAVE THE GRIZZLY?

Doug Peacock - Slide Show

Paul Shepard - The Grizzly Bear in Human Cultures

SAT. APRIL 26, 8:30 AM REGISTRATION

9:00 AM WELCOME TO THE UNIVERSITY

Gordon Gee, CU President

9:15 GRIZZLY BEARS IN THE WEST - OVERVIEW

Galen Buterbaugh, Regional Director, Fish & Wildlife Service

9:45 HISTORY OF THE GRIZZLY IN THE WEST

Tim Clark, University of Idaho, Slide show

10:45 HOW ENDANGERED IS THE GRIZZLY?

Grizzly Studies - Drs. Frank & John Craighead

Grizzly Studies - Dr. Richard Knight

Grizzly Studies - Larry Roop, Wyoming State Biologist

12:00 LUNCH

HOW TO SAVE THE GRIZZLY

1:30 PM GRIZZLY BEAR RECOVERY PLAN

Dr. Chris Servheen - Interagency Grizzly Bear Committee

2:15 CARRYING CAPACITY OF YELLOWSTONE ECOSYSTEM

John Craighead

2:45 CUMULATIVE EFFECTS OF HUMAN IMPACTS

John Weaver, U.S. Forest Service

3:15 THE GRIZZLY BEAR & THE ENDANGERED SPECIES ACT

Jasper Carlton

3:45 BREAK

ENVIRONMENTAL CENTER
UMC 331 - A
UNIVERSITY OF COLORADO
BOULDER, CO 80309



Dr. Frank Craighead Tr.
Box 156
Moose WYO 83012