NEWSLETTER
Animal Behavior Society

CORRECTION

The new ABS Program Officer, Lee C. Drickamer, assumes office on 25 June 1983 (after the 1983 annual meeting). Dr. Drickamer's correct address is: Dept. of Biology, Williams College, Williamstown, MA 01267. [The address listed in the Feb. Newsletter is incorrect.]

ANIMAL BEHAVIOR SOCIETY 1983 ELECTION OF OFFICERS

The following persons have been nominated for office for terms beginning in August 1984:

Second President-Elect:
Gordon M. Burghardt, Dept. Psychol., Univ. Tenn.


Secretary:
Jerry E. Christenson, Dept. Psychol., Tulane Univ.

Member at Large:


Additional nominations may be made by letter to the Executive Committee (c/o John G. Vandenbergh, ABS President, Department of Zoology, North Carolina State University, Raleigh, NC 27650) signed by five or more ABS members in good standing. The ballot and brief resumes of the candidates will appear in the August 1983 ABS NEWSLETTER.

PLENARY ADDRESSES SCHEDULED FOR THE ABS MEETING

19-24 JUNE 1983, BUCKNELL UNIVERSITY, LEWISBURG, PA

Monday, 20th: Charles Walcott, Cornell University
"The Continuing Mystery of Pigeon Homing"

Tuesday, 21st: Colin S. Pittendrigh, Hopkins Marine Station of Stanford University
"Biological Clocks"

Wednesday, 22nd: Sue Savage-Rumbaugh, Yerkes Primate Research Center
"Primate Communication: From Action, to Gesture, to Symbol"

Thursday, 23rd: Jeanne Altmann, University of Chicago
"Lessons Learned from the Monkeys"

Friday, 24th: Fernando Nottebohm, Rockefeller University
"Properties of Brain Pathways for Vocal Learning"

ASZ-ABS MEETINGS: These are affiliated meetings in association with DAB-ASZ and are not ABS annual meetings.


1984 Dec. 27-30 at the Marriott Hotel and the Holiday Inn in Denver (Dennis Barrett and James Platt, University of Denver chair the local committee).

1985 Dec. 27-30 at the Hyatt Regency and the Hilton in Baltimore (Donald Forester and Philip Creighton, Towson State University chair the local committee).

ANIMAL BEHAVIOR SOCIETY 1983 ANNUAL MEETING

19-24 JUNE 1983, BUCKNELL UNIVERSITY, LEWISBURG, PA

ABS members received forms for submitting contributed papers, and forms to be returned for travel, housing, food service, social events, child care, and tours in a separate mailing.

If you need forms or other details contact the local host: Douglas K. Candland, Animal Behavior Program, Bucknell University, Lewisburg, PA 17837 (or phone Cheryl Kyes at 717-524-1431 for information).

DEADLINE FOR LATE REGISTRATION FEES IS 1 JUNE 1983. Housing and food service requests received after 1 May 1983 will be billed an additional 10% service charge.

SYMPOSIA PLANNED FOR THE 1983 ABS MEETING

Biological Factors in Social Behavior: A Symposium In Honor of John Paul Scott.
Organized by Robert J. Blanchard, University of Hawaii at Manoa. John L. Fuller, State University of New York, will chair the session.

Individual and Intergroup Differences in Behavior: Origins, Interpretation and Significance.
Organized by Anne B. Clark, Kellogg Biological Station and Zoology Department, Michigan State University, East Lansing and Hilary G. Box, Department of Psychology, University of Reading, England.

The Role of Animal Behavior in Conservation Biology.

WORKSHOP SCHEDULED FOR THE 1983 ABS MEETING

Wednesday: "Conservation of Endangered Species"
The workshop will be led by those working on problems of conservation and by foundation and agency personnel concerned with conservation.

OTHER HIGHLIGHTS -- 1983 ABS MEETING

EVENING DISCUSSION, Monday, 20th
New Directions in Research on Agonistic Behavior.
Offered by the Scott Symposium participants.

BANQUET, Wednesday, 22nd

SOCIALS: Sunday, 19th-- Picnic.
Monday, 20th-- Informal Social.
Wednesday, 22nd-- Pre-Banquet Social.
Thursday, 23rd-- Mid-Summer Dance.
Friday, 24th-- Picnic.

OTHER EVENTS:
NSF Representatives-- Tuesday, 21st.
Human Ethology Business Meeting-- Tuesday, 21st.
Films-- Sunday, Tuesday, and Friday.
Field Trips. Book Display.

Section (Division) Animal Behavior and Sociobiology
American Society of Zoologists
Ecological Society of America
MEETINGS -- CALLS FOR PAPERS


COOPER ORNITHOLOGICAL SOCIETY: 19-22 May at the Univ. of New Mexico, Albuquerque. Contact: J. David Ligon, Dept. Biology, Univ. New Mexico, Albuquerque, NM 87131.

WILSON ORNITHOLOGICAL SOCIETY: The 64th annual meeting will be 2-5 June 1983 at the University of Wisconsin, Green Bay. For information, contact the host: Richard B. Stieh, Chair, Local Arrangements Committee, College Environmental Science, University of Wisconsin, Green Bay, WI 54307.

SNAG HABITAT MANAGEMENT SYMPOSIUM: 7-9 June 1983 in Flagstaff, AZ. Hosted by the Arizona chapter of the Wildlife Society, the meeting will concentrate on snag habitat management and wildlife species dependent on snag habitat. Contact: Jerry W. Davis, Tonto National Forest, P.O. Box 29070, Phoenix, AZ (ph. 602-261-4240).


HUMAN ANIMAL ROND: June 1983 at two locations: Univ. Minnesota, Minneapolis-St. Paul, June 13-14, and Univ. California, Irvine, June 17-18. Presentations on animal behavior and animal/human relationships as they affect health and quality of life (I) across the life span from child development to family interactions to aging, and (II) the psychological, physiological, and behavioral aspects of living in homes, prisons, etc. will be featured. There will be special sessions at the Univ. of MN on health, behavior, and productivity of farm animals. For registration information contact: University of California, Irvine, Continuing Ed., College of Veterinary Medicine, Univ. Minnesota, St. Paul, MN 55101, or Asst. Dir., UC Center for Health Educ., 5801 Atlantic Ave., P.O. Box 1474, Long Beach, CA 90801 (213-595-3811).

AMERICAN SOCIETY OF NATURALISTS; SOCIETY FOR THE STUDY OF EVOLUTION; GENETICS SOCIETY OF AMERICA AND STABLE POPULATION SYMPOSIUM: 12-16 June 1983, Washington Univ., St. Louis, MO. For information, contact: The Organizing Committee, Environmental Science & Policy Program, Washington University, St. Louis, MO 63130.

INTERNATIONAL SOCIETY FOR COMPARATIVE PSYCHOLOGY: 13-18 June 1983, The founding meeting in conjunction with the annual meeting of the Canadian Society at Glendon College, Toronto, Canada. Contact: Ethel Tobach, Department of Mammalogy, American Museum Natural History, Central Park West at 79th St., New York, NY 10024.

THE AMERICAN SOCIETY OF MAMMALOGISTS: 19-23 June 1983 in Gainesville, FL.

INTERNATIONAL SOCIETY FOR RESEARCH ON AGGRESSION: Victoria, B.C., Canada on June 2-7 July 1983. Contact: Robert L. Russell, Department of Psychology, University of Lethbridge, Lethbridge, Alberta, Canada T1K 3M6. The Society is interdisciplinary and includes those interested in both animal and human aggression.


MEETINGS -- CALLS FOR PAPERS -- continued


WORLD VETERINARY CONGRESS: 21-26 August 1983, Perth, Australia. Contact Howard Evans, President, World Association of Veterinary Anatomists, College of Veterinary Medicine, Cornell Univ., Ithaca, NY 14853.

AMERICAN PSYCHOLOGICAL ASSOCIATION: Anaheim, CA, 26-30 August 1983. Div. 6 (Physiological & Comparative Psychology), plans contributed papers, posters, symposia, discussion sessions, workshops, and invited speakers. The D. O. Hebb Award will be presented. Non-APA members may contact David B. Miller, Dept. Psychology, U-20, Univ. Connecticut, Storrs, CT 06269 (203-486-3519).

XVIIIth INTERNATIONAL ETHOLOGICAL CONFERENCE: Brisbane, Australia, 7-11 Sept. 1983. Contact: Glen McBride, Animal Behavior Unit, Univ. Queensland, P.O. Box Wellington 4067. This will be an open meeting. The "third circular," will be mailed to registrants 31 May 1983. The deadline for registrations requiring a guarantee of accommodation is 31 July 1983.

ICG-BRISBANE TRAVEL SUPPORT: Notifications of travel support for applicants to attend the XVIIIth International Ethological Conference will be mailed on or about May 1st. There will be 12500-50000 each. Direct questions to: Dr. Lee C. Bruckmeier, Biology Dept., Williams College, Williamstown, MA 01267 (phone 413-589-3379).


THE AMERICAN ONTOLOGISTS' UNION: 26 Sept.-1 Oct. 1983 in New York City. The AOU will celebrate its Centennial at its 101st Stated Meeting. Contact: Lester L. Short, Committee on Arrangements, American Museum of Natural History, Central Park West at 79th St., New York, NY 10024. Deadline for submission of abstracts is 15 June 1983 for information on the scientific program contact George Barrowclough, Department of Ornithology, American Museum of Natural History.

SOCIETY FOR THE SCIENTIFIC STUDY OF SEX (SSSS): 16-20 November, 1983 at the McCormick Inn, Chicago. Theme: The 26th Annual Meeting will be "Toward Explanations of Sexual Attitudes and Behaviors." The plenary session will feature speakers from the major theoretical perspectives who will be asked to apply their contrasting viewpoints to the explanation of specific aspects of sexuality. Additional symposia are planned that will focus on such topics as violent pornography, sexual preference, and the role of gender in sexual selection. For information, contact: Deborah Weinstein, SSSS Executive Director, P.O. Box 29795, Philadelphia, PA 19105.

SECOND IBEROAMERICAN ORNITHOLOGICAL CONGRESS: 4-10 Dec. 1983 (note change of dates) at Xalapa, Veracruz, Mexico. Theme: Neotropical ornithology. Deadline for submission of abstracts is 15 August 1983. Request invitations and instructions for abstract preparation from: Mario A. Ramos, 2nd Iberoamerican Ornithological Congress, Apartado Postal 388, Xalapa, Veracruz. Accommodations and field trip and tours will be offered both before and after the Congress paper sessions.
MEETINGS -- CALLS FOR PAPERS -- continued

FIRST CONFERENCE ON BIRDS WINTERING IN THE MEDITERRANEAN REGION: 23-24 January 1986, Rome, Italy. Emphasis will be on the ecology, ethology, distribution, and migration of birds wintering in this region. For further information and preregistration materials contact Dr. Almo Farina, Museo di Storia Naturale di Liguria, Fortezza della Brunella, 54011 Aulla, Italy.

1986 INTERNATIONAL ORNITHOLOGICAL CONGRESS: 22-29 June 1986 in Ottawa. Those interested in participating in the Congress should contact the Secretary-General, Dr. Henri Ouellet, XIX Congress, 1985, Ottawa, Ontario, Canada KIA ON8.

SYMPOSIA PLANNED FOR THE 1983 DAB-ASZ MEETING
27-30 DECEMBER 1983, PHILADELPHIA

Paternal Behavior
Organized by Richard L. Brown, Psychology Dept., Dalhousie Univ., Halifax, N.S., Canada B3H 4J1.

The function of this symposium is to examine the occurrence of paternal care in a wide variety of animals (from insects to humans), to assess the circumstances under which paternal care occurs and the factors which affect the expression of paternal care.

Ecological Aspects of Social Evolution

The themes will be (i) that ecological adaptation underlies and directs the course of social evolution, and (ii) that in order to understand social evolution, the strategies of females and males must be examined separately with respect to obtaining access to envir. resources and members of the opposite sex, and taking into account the compatibility of these goals in the species under study.

[These symposia are co-sponsored by the Animal Behavior Society and the Division of Animal Behavior of the American Society of Zoologists]

TO ORGANIZE SYMPOSIUM FOR DAB AND ASZ MEETINGS:
For the 1984 ABS meeting at E. Washington Univ. (August) or the 1984 ASZ meeting in Denver (December), contact the new ABS Program Officer, Lee C. Drickamer, who assumes office on 25 June 1983 (after the 1983 annual meeting). Dr. Drickamer's address is: Dept. of Biology, Williams College, Williamstown, MA 01267.

The deadline for submission of proposals for invited sessions and symposia for the 1984 ABS meeting is 1 December 1983.

GRANTS, FELLOWSHIPS AND POSITIONS AVAILABLE

THE BEHAVIOR AND ECOLOGY OF INSECTS in urban gardens and yards are being studied at Georgetown University. Present studies include the reproductive and foraging behavior of the carpenter bee, Xylocopa virginica; parasitization and reproductive behavior of the chalcid- old wasp, Pediciulus tessellatus, which attacks the Mexican bean beetle; the behavior of bagworm caterpillars; the pollination behavior of butterflies; syrphid fly communi­ tles; and whiteflies on tomatoes.

If you are a qualified student who would like to work toward an M.S. or Ph.D. in the behavior and ecology of insects at Georgetown University, please contact Edward M. Barrows, Department of Biology, Georgetown University, Washington, D.C. 20057 for further details. Fellowships are available on a competitive basis to students who apply towards the Ph.D.

ANIMAL BEHAVIOR: Please check that the libraries and institutions you use subscribe.

DUKE UNIVERSITY MARINE LABORATORY: 1983 Summer Program in Marine Sciences. Three five-week terms (May 10 to August 19) for undergraduate and graduate students, as well as postbaccalaureates and postdocs. 2-6 semester hours may be taken in any area as options for qualified applicants. Lectures, laboratories and field experience. Courses in Behavior and Ecology of Fishes, Marine Biology, Invertebrate Zoology, Biological Oceanography, Invertebrate Zoology, Barrier Island or Marine Ecology, Marine Animal Physiology, Comparative Ecology, and Invertebrate Zoology, will be studied. Other methods for capturing and identifying fish, measuring fish abundance, stomach analysis, and tagging. These field exercises will be supplemented with in depth laboratory analysis of fish social behavior, aggression, parental care and feeding behavior, both freshwater and marine (fishes (temperature and tropical) will be studied. Dr. Karel Liem will assist with lab. and work with Dr. Peter Rentz.

SIERRA NEVADA FIELD STATION: The Univ. of California at Santa Barbara administers two field stations near the town of Mammoth Lakes and provide easy access to a wide variety of habitats from desert scrub to high alpine. The Sierra Nevada field stations are at 2100m in a mixed sagebrush and riparian association and provides housing and full lab facilities. Valentine Camp is at 2400m in lush mixed forest and provides only housing. Applications and other information are available from Shirley Clark, Marine Sciences Institute, University of California, Santa Barbara, CA 93106.

A NEW MARINE STUDIES PROGRAM will provide undergraduate biology and environmental studies students opportunity to study on both the Pacific and Atlantic oceans. The joint program has been established by the Univ. of Oregon Institute of Marine Biology in Charleston, OR, and the Northeastern Illinois University's Marine Sciences and Marine Studies in Bahant, ME. The program, directed by Paul Rudy of the Univ. of Oregon, will initially consist of students who are part of the marine studies program and students independent from that program, with emphasis on the behavior and acoustics of whales. Scientists may be allowed to use for research the facilities on land or the research ships. Contact Dr. R. J. Clark, Marine Studies Institute, Northeastern Illinois University, Box 250, Chicago, IL 60655.

THE RAPID MARINE REHABILITATION AND PROPAGATION PROJECT, Inc., Washington University, Tyson Research Center is accepting applications from graduate and 5 to 6 semester hour internship positions for 1983. Interns will gain experience with rehabilitation of raptors and exposure to the intense educational program for the general public, they will also gain experience with research and work on the propagation program. Contact: Walter C. Crawford, Jr., Exec. Dir., RPM Inc., Tyson Research Center, P.O. Box 193, Eureka, MO 63025 (314-958-6193).

CALLS FOR MANUSCRIPTS
AGGRESSIVE BEHAVIOR, the journal of the International Society for Research on Aggression, established in 1974, is published four times each year. The journal includes original research reports, scholarly reviews, theoretical articles and book reviews relevant to the study of agonistic behavior, conflict, and violence in human and nonhuman species. The readership cuts across traditional disciplinary lines.

PHOTOBIOLOGY: The Education Committee of ASP encourages the submission of articles on the diverse areas of Photobiology for publication in BioScience. The National Association of Biology Teachers' Committee for Animal Behavior publishes a newsletter for high school, community college and university animal behavior teachers. Short articles describing field or lab studies for high school students and art work depicting animal behavior is requested. Send materials to: Laine Gurley, 2731 N. Arlington Heights, Arlington Heights, IL 60005. For annual membership in CABT and a subscription to the CABT newsletter (3 pages issues/yr.) send $2.

OTHER SOCIETIES

ASZ: Persons who are interested in joining the American Society of Zoologists are urged to communicate their interest to a member of the Society or to contact the Business Office (Box 7575, Virginia Commonwealth University, Richmond, VA 23298) for a membership form. Annual dues of $35 for members and $20 for student members pay for a subscription to the American Zoologist and are also used to support various activities of the Society.

THE CRUSTACEAN SOCIETY: Membership information is available from the Business Office (Box 7739, California Lutheran College, Thousand Oaks, CA 91360, 805-492-3585) for an application form. Annual dues of $35 for members and $20 for student members pay for a subscription to the American Zoologist and are also used to support various activities of the Society.

PUBLICATIONS AVAILABLE
RAPID MANAGEMENT INFORMATION SYSTEM: RMIS is a collection of published and unpublished papers, reports, and other works on raptor management and human impacts on raptors and their habitats. It currently consists of nearly 2,500 original papers, 160 keyword searchable decks comprised of 47,500 key paragraphs from the original papers, and a computer program to retrieve partially annotated bibliographies by species, by keyword, or by any combination of species, keywords, and geographical index is under development, and new papers are added as they are received. Originally designed to facilitate land-use planning and decision making by government agencies and private parties, the RMIS has since grown into a powerful research and environmental assessment tool for scholars, students, consultants, as well as land managers and their staff biologists. For more information write Dr. Richard R. Olendorff, U.S. Bureau of Land Management, 7800 Cottage Way, Sacramento, CA 95825, phone 916-486-4701.

AOU CHECKLIST: The 8th Edition of the American Ornithologists' Union Check-list of North American Birds is scheduled for publication in summer 1983. Pro-publication price $30.00 (post-publ. $35.00). Order from AOU, P.O. Box 366, Lawrence, KS 66044 (Checks payable to AOU.)

1983 CONSERVATION DIRECTORY lists addresses and phone numbers of 13,000 individuals and institutions involved in natural resource use and management, including federal and state agencies, private foundations and other non-profit organizations, and 400 international organizations involved in the protection of natural resources. Send check for $9.50 ($9.53 shipping to National Wildlife Federation, 1412 15th St. NW, Washington, DC 20005).
CONTRIBUTED LABORATORY EXERCISES IN ANIMAL BEHAVIOR

The response to the request in the November 1982 issue of the ABS NEWSLETTER for abstracts of new laboratory exercises in animal behavior was disappointing, although four individuals did submit information detailed below. Another submittal form appears in this issue to encourage more submissions.

One additional piece of information of interest came from Patricia DeCoursey, Biology, University of South Carolina, Columbia, SC 29208, who has written an "in-house" animal behavior laboratory manual (LABORATORY STUDIES IN ANIMAL BEHAVIOR: An ecological approach) appropriate for undergraduates in a 2-3 hour lab course. Some of the exercises are highly seasonal (such as dependence on the South American electric fish) or require reasonably warm weather (beehive lab). All the labs are slanted toward behavioral ecology except for two human labs. The spiral bound manual is available to anyone from the University of South Carolina Bookstore or the Biology Department for $5.00.

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Title: PHEROMONAL TRAIL FOLLOWING IN TERMITES

Level: underclassmen, upperclassmen, and graduate students

Length: Anywhere from 3 - 20 min.

Subject(s): termites, Reticulitermes flavipes

Description: Termites follow chemicals deposited by conspecifics. The natural trail is highly volatile and effective for only a few minutes. The ink in many (but not all) ballpoint pens contains a chemical which is similar to that of the termites natural trail pheromone. One can draw a trail of almost any configuration (not too many sharp angles, please), place a termite on the trail, and the termite will run its course along the ink trail. Soon the termite will waiver off the trail, and finally will be totally unresponsive as the chemicals in the ink volatilize.

Requirements: termites, ballpoint pens, paper

Submitted by: Paul J. Weldon, Zoology, University of Tennessee, Knoxville, TN 37916

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Title: DOMINANCE AND/OR TERRITORIAL BEHAVIOR IN THE CRAYFISH

Level: underclassmen

Length: A few minutes several times weekly for most of a semester

Subject(s): Crayfish, Orconectus obscurus, or whatever is available

Description: Students are instructed to observe crayfish to determine whether they demonstrate dominance and/or territorial behavior. As the crayfish is a solitary scavenger, the way is open to discuss the observation that crayfish are not like mammalian social species.

Requirements: An aquarium with several specimens, gravel, and places for hiding. No other special needs, but avoid burrowing species.

Submitted by: John A. Ross, Psychology, St. Lawrence University, Canton, NY 13617

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Title: FOOD PREFERENCE IN THE CRAYFISH

Level: underclassmen

Length: 1-2 hours

Subject(s): Crayfish, Orconectus obscurus, but any will do

Description: The food (taste) preference of crayfish for clam or tuna meat and "juice" is examined. These mostly herbivorous scavengers do not show a preference but exhibit fleeing behavior. This opens the discussion of the topic "that a crayfish is not a lab rat."

Requirements: Aquarium for storing subjects, house boxes to study them, no skills except to think about what the crayfish are doing and why.

Submitted by: John A. Ross, Psychology, St. Lawrence University, Canton, NY 13617

Title: SOCIAL COHESION IN DOMESTIC BOVIDS

Level: underclassmen, upperclassmen, and graduate students

Length: 4 hours in the field

Subject(s): Ovibos taurus

Description: The goal of this study is to measure social cohesion among domestic cattle. The parameters used are: relative orientation; relative position in the field; and simultaneity of behavior (lying down, standing, ruminating, grazing, etc.). Three observers each record one type of data every 5 minutes for 4 hours. The exercise is described in French but can be translated if there is sufficient demand.

Requirements: None

Submitted by: Jean Gingras
Department des Sciences Biologiques, Université du Quebec à Montreal, B.P. 8888, Montreal, Quebec Canada H3C3P8
LABORATORY EXERCISES IN ANIMAL BEHAVIOR

Do you have a favorite lab in Animal Behavior that you would like to share with colleagues in the Animal Behavior Society? If so, please participate in a clearing house for Animal Behavior Lab Experiments by completing the following form, folding appropriately, and returning it to Wayne P. Aspey, Chairperson, ABS Film Committee.

When 10 replies have been obtained, a complete list will be published in the ABS NEWSLETTER; additional copies will also be available from Wayne Aspey. If you decide to participate and an individual requests a lab from you, please have the exercise written in ready-to-use form similar to those in the Price & Stokes' manual ANIMAL BEHAVIOR IN THE LABORATORY AND FIELD, including a complete, detailed list of directions, materials, and special considerations (i.e., animal care, maintenance, special solutions).

Your cooperation will be appreciated by all those who need new animal behavior labs.

Title: 

Level of presentation: underclassmen upperclassmen graduate

Length of lab: 

Experimental subject(s): 
(Common and Genus species names)

Description of lab objectives (up to 50 words, continue on reverse if necessary):

Special equipment, skills, or habitat required:

Address inquiries to:

Name:

Department:

Institution:

Street:

City/State/Zip:
Wayne P. Aspey, Chairperson, Film Committee
ANIMAL BEHAVIOR SOCIETY
Department of Zoology & General Biology Section
112 Rightmire Hall
1060 Carmack Rd.
Columbus, OH 43210

Tape closed (do not staple)
**ANIMAL WELFARE LEGISLATION ALERT!**

Two amendments to H.R. 1555 (Health Research Extension Act) are in the hopper. One amendment offered by Congressman Walgren (D.- Pa.) is a slightly modified version of the legislation he offered last year. Another amendment by Congressman Madigan (R.- Ill.) is a substitute to the Walgren bill and would authorize an 18 month study by the National Academy of Sciences to assess the current level of animal use in research financed by NIH as well as to analyze the use of alternative methods. Senator Dole's (R.- Kans.) bill (S657) "Improved Standards for Laboratory Animals Act," sets out to eliminate unnecessary duplication of animal experiments, among other things.

The Endangered Species Act of 1982 is, itself, in grave danger because of the administration's proposed severe cuts in the federal budget for endangered species. Write to your Senators and Congressperson to reinstate needed funding for the preservation of endangered species.--from Edward R. Niles, ABS Public Affairs Committee.

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**OTHER NEWS**

**HUMAN HANDEDNESS:** Ira B. Perelle, Professor of Psychology at Mercy College, has received word from Boris Lomov, Director of the Institute of Psychology, USSR Academy of Science, that the Institute will assist in a study of human handedness based at Mercy College. Dr. Perelle and Dr. Lee Ehrman, of SUNY at Purchase, have collected information on handedness from almost 10,000 individuals using a questionnaire. Results indicate that about 10% of the US population is left handed and the percentage is somewhat lower in other countries. Professor Lomov reports that a group of neuropsychologists at the USSR Institute of Psychology has been working on the problems associated with some lethanders (such as dyslexia, cognitive deficit, etc.) for several years.

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**KNOWLEDGE:** Information on field research for volunteers and scientists is available from Clare Union, 10 Juniper Rd., Box 127, Belmont, MA 02178 (617-489-3030).

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**FILMS AND VIDEO IN THE BEHAVIORAL SCIENCES:** This catalog is available from Clare Union, 10 Juniper Rd., Belmont, MA 02178 (617-489-3030).

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**FUTURE ANIMAL BEHAVIOR SOCIETY ANNUAL MEETINGS:**

- **1983 June 18-24, Bucknell University, Lewisburg, PA, Host: Douglas Candel, Department of Psychology**
- **1984 August 13-17, Eastern Washington Univ., Cheney, WA, Host: Steven B. Christopher, Department of Psychology**
- **1985 June, Raleigh-Durham, NC, final arrangements will be announced when available.**

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**DEADLINES FOR NEWSLETTERS:**

- **Animal Behavior Society: 10 July 1983 for August 1983 ABS NEWSLETTER.**
- **AS2 Division of Animal Behavior: 1 Sept. 1983 for Fall (Oct.) DAB Newsletter.**

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**VOLUNTARY CONTRIBUTIONS:** The Animal Behavior Society welcomes contributions from its members. Members may make the ABS a beneficiary of an estate or name the ABS in a will.
ABS ANIMAL CARE GUIDELINES

I. FEDERAL, STATE, AND LOCAL REGULATIONS.

Members, their students, and research associates have an obligation to become thoroughly familiar with, and comply with the provisions of the Animal Welfare Act (1970), the Endangered Species Act (1973), 62 Statute 686 (1948), and the Migratory Bird Treaty Act (1918), all subsequent amendments, rules, and regulations pursuant to these Acts, and other applicable federal, state, and local regulations. All such regulations may be reviewed in Handbook for the Care and Use of Laboratory Animals, DHEW Publication No. (ADM) 75-23.

II. STANDARDS OF RELATED ORGANIZATIONS.

Members and their affiliates should attempt to become familiar with standards of organizations other than the ABS, which relate to the care, treatment, and use of animals in behavioral research.

III. ABS GUIDELINES FOR ANIMAL CARE.

A. Choice of Animals.

1. Species. The species chosen for study should be well-suited to answer the questions posed. When the research involves the use of procedures which are likely to cause unnecessary pain or discomfort to the animal, and when alternate species can be used, the researcher should employ the species which in his opinion, is least likely to suffer.

2. Number of Individuals. In the case of laboratory experiments involving non-optimal conditions (e.g., pain or discomfort), or field studies involving manipulations potentially detrimental to the population, the researcher should utilize the smallest number of animals necessary to accomplish the research goals.

3. Status of Natural Population. If the taxon or population is endangered or threatened, individuals should not be collected except in cooperation with a serious conservation endeavor and in compliance with all pertinent federal, state, and local regulations. The researcher is responsible for ascertaining the status of the taxon or population in question and should uphold not only the letter but also the spirit of those laws dealing with endangered species both in the U.S. and in the foreign countries where the animals originate.

B. Observation of Natural Populations.

Observation of free-living animals in their natural habitat may involve disruption, particularly if feeding, trapping, or marking is involved. While field studies may yield further scientific knowledge and advance awareness of human responsibility towards animal life, the investigator should always weigh any potential gain in knowledge against the adverse consequences of disruption for the animals used as subjects and also for other animals in the ecosystem.

C. Procurement of Animals.

Researchers should obtain animals only from reliable and legal sources. As much as possible, the researcher should ensure that those responsible for handling the animals en route to the research facility provide adequate food, water, ventilation, and space, and do not impose undue stress. If animals are field-trapped, this should be done legally and in a manner as which is as painless and humane as possible.

D. Housing and Animal Care.

Unless contraindicated by research protocol, animals should be maintained and cared for in such a way as to meet their species-typical and individual needs. Minimal standards are specified in Guide for the Care and Use of Laboratory Animals, DHEW Publications No. (NIH) 75-23.

E. Pain or Discomfort.

Since traumatic effects of experimental procedures are likely to vary from species to species, the researcher should attempt to ascertain how much his/her research species is likely to suffer as a result of the procedures employed. In general, researchers are urged to consider the use of alternative procedures before employing techniques which are likely to cause physical or psychological discomfort to the animal. In accordance with the existing animal welfare laws, pain or discomfort, even when unavoidable, should be minimized to the greatest extent possible under the requirements of the experimental design. Attention should be given to proper pre- and post-operative care in order to minimize preparation stress and residual effects. Unless specifically contraindicated by the experimental design, procedures which are likely to cause pain or discomfort should be performed only on animals which have been adequately anesthetized.

F. Final Disposition of Animals.

Whenever practical or feasible, researchers should attempt to distribute their animals to colleagues for further study. However, if animals are distributed for use in additional experiments, care should be taken that the same animals are not used repeatedly in experiments which involve invasive surgical procedures or other treatments which are likely to cause physical or psychological discomfort. If used, these procedures should be done legally and in a manner which is as painless and humane as possible.

II. U.S. ETHOLOGICAL CONFERENCE COMMITTEE: ABS members wish to encourage your colleagues and students to join — and don’t neglect to renew. Copy the form in this NEWSLETTER and/or request additional membership forms from the Treasurer.

III. ABS NEWSLETTER ANNOUNCEMENTS WELCOME: Items of interest to ABS members — news of positions, meetings, publications, people, etc. Send items to Anna E. Ross, ABS NEWSLETTER, U.S. ETHOLOGICAL CONFERENCE COMMITTEE: ABS members wish to encourage your colleagues and students to join — and don’t neglect to renew. Copy the form in this NEWSLETTER and/or request additional membership forms from the Treasurer.

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1983 MEETING OF THE ANIMAL BEHAVIOR SOCIETY WITH THE
AMERICAN SOCIETY OF ZOOLOGISTS, CRUSTACEAN SOCIETY,
INTERNATIONAL ASSOCIATION OF ASTACOLOGY, BIOLOGICAL SOCIETY OF WASHINGTON
AND AMERICAN MICROSCOPICAL SOCIETY
DECEMBER 27 - 30 PHILADELPHIA CENTRE HOTEL, PHILADELPHIA, PA.
SYMPOSIA SPONSORED BY THE ANIMAL BEHAVIOR SOCIETY
AND THE DIVISION OF ANIMAL BEHAVIOR, ASZ

PATERNAL BEHAVIOR (organized by Richard E. Brown for the Animal Behavior Society and the Division of Animal Behavior, ASZ)

Speakers and their subjects are: Robert L. Smith, Paternal behavior in arachnids and insects; Mart R. Gross, Paternal care in fish; Rae Silver, Paternal care in birds; Don Dewsbury, Paternal behavior in rodents; James Malcolm, Paternal care in canids; Devra Kleiman, Paternal care in marmosets and tamarins; David Taub, Male-infant interactions in old world baboons and macaques: a summary and re-evaluation; Curt Busse, Relationship between paternal care and infanticide; Michael E. Lamb, Paternal behavior in man; Richard E. Brown, Hormonal control of paternal behavior; Karl Wuensch, Effects of the presence of fathers on the development and behavior of offspring; Robert L. Trivers, The relationship between female choice and the evolution of male parental investment.

ECOLOGICAL ASPECTS OF SOCIAL EVOLUTION (organized by Daniel I. Rubenstein and Richard W. Wrangham)

The symposium will examine how ecological adaptation underlies and directs the course of social evolution. Its major theme will be that in order to understand social evolution, the strategies of females and males must be examined separately, each with respect to obtaining access to environmental resources and members of the opposite sex, and taking into account the consequences of intra-sexual competition. Naturalistic studies of single species, or closely related species, of mammals and birds will be compared to emphasize common principles and to draw attention to ways in which theoretical problems can be directed to empirical data.

OTHER SYMPOSIA AND SPECIAL PROGRAMS


Workshop on Coral Reef Ecology. New evening Symposium Series sponsored by the ASZ Education Committee on Science as a Way of Knowing -- Evolutionary Biology.

CONTRIBUTED PAPERS -- ORAL AND POSTER PRESENTATIONS

Forms and instructions are now available. Deadline for submission is August 26.

Papers on the two Animal Behavior symposia topics are especially encouraged. Abstracts will be published in the American Zoologist 23(4).

For information about the Philadelphia meeting, send this coupon to: Mary Wiley, American Society of Zoologists, Box 2739, California Lutheran College, Thousand Oaks, Ca. 91360. ASZ Members will receive these items with their April ASZ Newsletter.

Name and Address:

Brochure detailing Philadelphia Meeting plans.

Forms for contributing a paper (poster or oral presentation).
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