

# NEWSLETTER

## Animal Behavior Society

Vol. 29, No. 3

August 1984

A quarterly publication

SIDNEY A. GAUTHREAU, JR., Secretary  
Dept. Zoology, Clemson University  
Clemson, South Carolina 29631

Section (Division) Animal Behavior and Sociobiology  
American Society of Zoologists  
Ecological Society of America

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### ANIMAL BEHAVIOR SOCIETY 1984 ELECTION OF FELLOWS

The Executive Committee of the Animal Behavior Society announces the election of two members of ABS as new Fellows of the Society. "Fellows are members who have engaged in research in animal behavior for at least ten years. . . and have made distinguished contributions to the field of published research." A complete list of the Fellows of ABS appears elsewhere in this Newsletter.

The new Fellows are:

Jack P. Hailman, University of Wisconsin  
Edward O. Price, University of California, Davis.

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This is the last issue of the Animal Behavior Society Newsletter produced by ABS Secretary Sidney A. Gauthreaux, Jr. (June 1981-August 1984) and ABS Newsletter Editor Anna E. Ross. We thank all who submitted items for publication. The production of the Newsletter has been aided by the support of the Department of Biological Sciences, Clemson University.

Send items for publication in the ABS Newsletter and the DAB-ASZ Newsletter to the new ABS Secretary:

Terry E. Christenson  
Department of Psychology  
Tulane University  
New Orleans, LA 70118 (ph. 504-865-5331)

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### RECEIPT OF JOURNAL, ANIMAL BEHAVIOUR, AND ABS NEWSLETTER

Please write to the Treasurer if you are having any problems whatever with your journal (or ABS Newsletter) subscription, including errors in the address label, non-receipt of an issue, late receipt of issues, receipt of damaged copies, receipt of duplicate issues, and so forth. Please check the mailing label on your journal and on this Newsletter-- many postal delays are because of incorrect ZIP codes or incorrect addresses.

H. Jane Brockmann, ABS Treasurer  
Department of Zoology  
University of Florida  
Gainesville, FL 32611

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**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).

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### FUTURE ANIMAL BEHAVIOR SOCIETY ANNUAL MEETINGS:

1985 June, North Carolina State University, Raleigh, Host: George T. Barthalmus, Department of Zoology. Final arrangements will be announced when available.

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### 1984 AMERICAN SOCIETY OF ZOOLOGISTS MEETING

27-30 December, Holiday Inn Downtown, Denver, Colorado

Symposium sponsored by the Animal Behavior Society and the Division of Animal Behavior-ASZ:

Patterns of dispersal among mammals and their effects on the genetic structure of populations. Arranged by B. D. Chepko-Sade and Z. T. Halpin.

Saturday, 29 December 1984, AM:

Chepko-Sade, D. B. Opening remarks.  
Halpin, Z. T. Group dynamics and migration between groups in a newly-established colony of black-tailed prairie dogs (*Cynomys ludovicianus*).  
Gaines, M. S. and M. L. Johnson. Genetic correlates and evolutionary mechanisms of dispersal in *Microtus* populations.  
Lidicker, W. Z. Patterns of dispersal and genetic structure of populations in small rodents.  
Smith, A. T. Population structure in pikas: dispersal versus philopatry.  
Nelson, M. and L. D. Mech. Patterns of dispersal among white-tailed deer.  
Berger, J. Wild horse emigrants and their reproductive fates.

Saturday, 29 December 1984, PM:

Mech, L. D. Patterns of dispersal among the wolves of Isle Royale.  
Pusey, A. E. and C. Packer. Dispersal and group fission in lions.  
Rogers, L. L. Patterns of dispersal among black bears.  
Rudran, R. Comparisons of dispersal patterns of three primate species: *Presbytis senex*, *Cercopithecus mitis stuhlmanni*, *Alouatta seniculus*.  
Sade, D. S., B. D. Chepko-Sade, M. Dow, and J. Cheverud. Definition and measurement of migration in age-structured populations of *Macaca mulatta*.  
Irons, W. Dispersal and group formation among the Yomut Turkmen of Iran.  
O'Brian, E. An investigation of marriage migration and the genetic structure of the Hutterite population.  
Smouse, P. E. and J. W. Wood. Patterns of migration and population genetics of the Gainj population of Papua New Guinea.

Sunday, 30 December 1984, AM:

Waser, P. M. and W. T. Jones. Do animals disperse optimal distances?  
Shields, W. M. Dispersal and mating systems: their joint effect on mammalian evolution.  
Templeton, A. R. Inferences on natural population structure from genetic studies on captive mammalian populations.  
Wade, M. J. Kin selection in complex groups.  
All Participants. Discussion.

To receive a brochure of meeting information, contact Mary Wiley, ASZ, Box 2739, California Lutheran College, Thousand Oaks, CA 91360.

## 1984 AMERICAN SOCIETY OF ZOOLOGISTS MEETING

27-30 December, Holiday Inn Downtown, Denver, Colorado

Symposium co-sponsored by the Division of Animal Behavior-ASZ and the Division of Ecology-ASZ:

Territoriality: Conceptual advances in field and theoretical studies. Arranged by F. Lynn Carpenter.

Maynard Smith, J. Territory models and population regulation.

Hixon, M. Territoriality and sexual selection: area maximization and the determination of mating systems.

Schoener, T. Complex models of feeding territoriality.

McNair, J. Stochastic models of territoriality.

Hart, D. Costs and benefits of territoriality in stream insects.

Johnson, L. The scale of the use of space by social insects that recruit and defend.

Stamps, J. and M. Buechner. Territoriality in insular vertebrates: the cost of defense hypothesis.

Carpenter, L., M. Hixon, D. Paton, and R. McMillen. When should nectar-feeders defend territories?

Krebs, J. Trade-offs in the territorial behavior of birds.

Myers, P. When should shore-birds not defend territories?

Mares, M. and T. Lacher. The use of space in small mammals.

Hamilton, W., III. Territoriality and aggression in primates: implications for the evolution of human warfare.

## OTHER SYMPOSIA OF INTEREST

Science as a way of knowing—human ecology.

The biology and evolution of lungfishes.

Evolution of hormone diversity.

Refresher course on lesser-known crustacea.

Refresher course on biology of the lesser-known invertebrates.

Character weighting, cladistics, and classification.

Photoperiodism in the marine environment.

Phylogenetic origins of humoral immune mediators.

Cardiovascular adaptation in reptiles.

Cell-cell interaction and the cell surface in neural retina development.

Naturalists and natural history institutions of the American west.

To receive a brochure of meeting information, contact Mary Wiley, ASZ, Box 2739, California Lutheran College, Thousand Oaks, CA 91360.

## PRE-DOCTORAL ASSISTANTSHIPS IN ANIMAL BEHAVIOR:

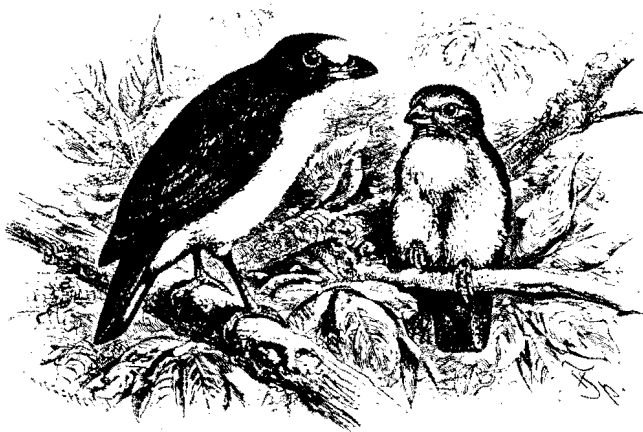
Three or four research assistantships will be available in spring 1985 to study ecological, behavioral and physiological aspects of socially-controlled sex reversal in coral reef fishes with Douglas Y. Shapiro and Kathleen S. Cole, Dept. of Marine Sciences, Univ. of Puerto Rico, Mayaguez, PR 00708 (ph. 809-899-3140). Doctoral research could be done on these topics or on any aspect of social behavior or behavioral ecology of marine-related organisms. Other faculty members in behavior and ecology are: Richard Appeldoorn (fisheries ecology and population biology), Gary Brecken (reproductive strategies in plants), Andy Cameron (population biology and development in echinoderms), Al Lewis (social behavior and behavioral ecology of birds and reptiles), Hector Quinones (competition in butterflies), Al Stoner (marine invertebrate ecology), Paul Yoshioka (population ecology of benthic organisms), Joe Wunderle (avian behavioral ecology). Interested students should contact Douglas Shapiro.

STUDY SITE AT LAKE NAIVASHA, KENYA: For investigators or study groups interested in animal behavior, biology, and conservation, the Elsamere Conservation Centre offers comfortable accommodations at a modest cost. Elsamere is located on the lakefront, a short drive from the new Hell's Gate National Park as well as several ranches that support wildlife such as gazelle, colubus monkey, zebra, impala, buffalo, hippopotamus, hyrax, kongoni, and many species of birds. Elsamere guest house accommodations with full board are approximately \$14/day. For information, contact Ben or Lynette Hart (ph. 916-756-5345) or write to The Warden, Elsamere Conservation Centre, P.O. Box 4, Naivasha, Kenya.

AIBS CONGRESSIONAL SCIENCE FELLOWSHIP: To encourage responsible, informed and scientifically sound consideration of major public policy issues, AIBS is sponsoring a new annual award for a Congressional Science Fellowship. The program will bring qualified working biologists into direct contact with the Washington decision making process and build greater understanding of how public policy is formulated and how it can be made responsible to biological knowledge. For the 1984-85 academic year, AIBS will provide a one-half sabbatical stipend for one Fellow. Deadline and additional information may be obtained from Charles M. Chambers, Executive Director, AIBS, 1401 Wilson Blvd., Suite 700, Arlington, VA 22209.

COASTAL & ESTUARINE RESEARCH FACILITIES AVAILABLE: Wetlands Institute in minimally impacted estuary near Cape May, NJ. Includes 30 acres of controlled access salt marsh amid 6000 acres of state-protected wetlands, individual labs, space for large equipment, wet lab facility with running seawater, dock, small boats, dormitory, lecture hall, observation tower. Marshes, bays, inlets, ocean, dunes, bird nesting areas readily accessible. Now reserving space for fall, 1984. For information, write: V. Guida, Wetlands Institute, Stone Harbor Blvd., Stone Harbor, NJ 08247.

WILDLIFE PRESERVATION TRUST PROFESSIONAL TRAINING PROGRAM: The zoological facility for the Trust's work is on the island of Jersey, Channel Islands, British Isles. The International Training Center is an educational facility for training in captive breeding and endangered species work; it combines dormitory, classroom and research facilities for students, staff and visiting scientists. The training program consists of 16, ten or six weeks of intensive work in all divisions of the zoo. The program is designed for individuals with previous practical experience with animals: zoo and animal center staff and postgraduates in conservation-related fields. Tuition is free; room and board costs are about \$70/week. For further information contact: Training Program, Wildlife Preservation Trust International, 34th St. and Girard Ave., Philadelphia, PA 19104 (ph. 215-222-3636). The deadline for application for 1986 positions is 1 June 1985. Selection is made in July/August of each year.



XVII INTERNATIONAL CONGRESS OF ENTOMOLOGY: 20-26 August 1984, Hamburg. Contact: Thomas Tischler, Zoologisches Institut, Abt. Angewandte Ökologie/Kustenforschung-Biol. der Universität Kiel, Olshausenstr 40/60, D2300 Kiel 1, Federal Republic of Germany.

AMERICAN PSYCHOLOGICAL ASSOCIATION: 24-28 August 1984 in Toronto. Contributed papers, contributed posters, symposia, discussion sessions, workshops, and invited speakers in the areas of comparative and physiological psychology. Non-APA members may participate if sponsored by an APA member. Contact: James Kalat, Program Chair Division 6, Dept. Psychology, North Carolina State Univ., Raleigh, NC 27650 (ph. 919-737-2252).

INTERNATIONAL SOC. FOR COMPARATIVE PSYCHOLOGY (ISCP): 2-7 September 1984 in Acapulco, Mexico. Held in conjunction with the XXIII International Congress of Psychology. Symposia will include: Animal Cognition (Herbert Roitblatt); Behavioral Research in Captive Settings, (Gary Greenberg); Behavior Genetics (Jerry Hirsch); Invertebrate Behavior (Sally Haralson and John Haralson); Cognitive Behavior of Marine Mammals (Ronald Schusterman and Louis Herman); and a session on the history of comparative psychology (Tom Cadwallader and Charles Tolman). Request registration forms from Everett J. Wyers, SUNY at Stony Brook, New York 11974.

ADENOSINE DEAMINASE IN DISORDERS OF PURINE METABOLISM AND IN IMMUNE DEFICIENCY: 5-7 September 1984 at the Barbizon-Plaza Hotel, New York City. Contact Conference Department, The New York Academy of Sciences, 2 East 63rd St., New York, NY 10021.

AMER. ASSOC. ZOOKEEPERS: National Conference, 30 Sept.-4 Oct. 1984 at the Woodland Park & Zoological Gardens, 5500 Phinney Ave, North, Seattle, WA 98103.

MEMBRANE DRIVEN ION-GRADIENT TRANSPORT: 2-4 October 1984 at the Barbizon-Plaza Hotel, New York City. Contact Conference Department, The New York Academy of Sciences, 2 East 63rd St., New York, NY 10021.

COLONIAL WATERBIRD GROUP: 4-7 October 1984 at the Sheraton Inn and Conference Center, Ithaca, New York. Request information on the scientific program from William E. Southern, Dept. Biological Sciences, Northern Illinois University, Dekalb, IL 60115.

WILDLIFE 2000: Modeling Habitat Relationships of Terrestrial Vertebrates. 7-11 Oct. 1984 at Fallen Leaf Lodge, Stanford Univ.'s Sierra Camp near Lake Tahoe. Symposium on the development, testing, and application of models that predict responses of wildlife to habitat changes. Obtain registration materials, etc. from Jared Verner, Program Chair, Forestry Sciences Laboratory, 2081 East Sierra Ave., Fresno, CA 93710 (ph. 209-487-5588).

DELTA SOCIETY: 15-16 October 1984 at Texas A&M Univ. The Delta Society is a national research, educational and service resource on the relationships among people, animals and the environment. The meeting will include workshops on people-animal programs and reports on studies of the human-animal bond. For information about the society or the meeting contact: Delta Society, 212 Wells Ave. South, Suite C, Renton, WA 98055 (ph. 206-226-7357).

INTERNATIONAL CONFERENCE ON COLLAGEN: Biology, Chemistry and Pathology. 17-19 October 1984 at the Barbizon-Plaza Hotel, New York City. Contact Conference Department, The New York Academy of Sciences, 2 East 63rd St., New York, NY 10021.

RAPTOR RESEARCH FOUNDATION: 25-28 October 1984 in Blacksburg, Va. Contact James D. Fraser, Dept. of Fisheries & Wildlife Sci., VPI&SU, Blacksburg, VA 24061.

PRE-DOCTORAL FELLOWSHIPS: The Primate Foundation of Arizona, in association with Ariz. State Univ., has pre-doctoral fellowships for the study of chimpanzee behavior. Two annual fellowships are offered for 12 months; the award amount is \$6,000. Deadlines for applications: 30 Sept. 1984 (to begin 1 Jan. 1985) and 30 April 1985 (to begin 1 Aug. 1985). Contact: Jo Fritz, Primate Foundation of America, P.O. Box 86, Tempe, AZ 85281.

#### OTHER SOCIETIES

SCIENTISTS CENTER FOR ANIMAL WELFARE: The SCAW is a registered non-profit organization dedicated to advancing knowledge about scientific research on animal welfare issues. The Center seeks to foster the humane stewardship of animals among scientists and the public while supporting scientific advancement through animal and non-animal experimentation. The SCAW Newsletter is published quarterly and is available by sending a tax-deductible contribution of \$20 or more per year. The May 1983 issue contains an updated list of college courses on ethics and animals. Persons who know about ongoing courses or who wish to initiate a course on ethics and animals are invited to contact SCAW. The Newsletter and membership address is: SCAW, P.O. Box 3755, Washington, D.C. 20007.

AMER. ASSOC. OF ZOOKEEPERS: Animal Keeper's Forum is the monthly publication of AAZK. Those interested in joining should contact AAZK National Headquarters, Topeka Zoological Park, 635 Gage Blvd., Topeka, KS 66606.

ASZ: Persons who are interested in joining the American Society of Zoologists please contact the Business Office (Box 2739, 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.

NABT: To join the National Association of Biology Teachers, write NABT, 11250 Roger Bacon Dr. #19, Reston, VA 22090. Active (\$25) and student (\$12.50) members receive The American Biology Teacher,



ANIMAL CARE WORKSHOPS: Two regional workshops will be held to help medical research institutions establish and run effective Animal Care and Use Committees. The Scientists Center for Animal Welfare will conduct the workshops in cooperation with the host universities:

Michigan State University, East Lansing, MI (11-12 October 1984) and

University of Southern California, Los Angeles, CA (Mid-November 1984).

The workshops mark a new program, "Animals and the Scientist: Institutional Responsibilities," to help the biomedical research community deal with timely issues on animal experimentation. Sessions will enable investigators and others who now participate in Animal Care and Use Committees to compare and discuss their experiences. The workshops will also provide guidance to institutions, officials and investigators who wish to set up such committees.

For additional information about the workshops write to Barbara Orlans, Executive Director, Scientists Center for Animal Welfare, 2115 East Jefferson Street, Suite 401, Rockville, Maryland 20852 or phone Marcia Feinleib at 301-468-2093.

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SYMPOSIUM ON BIOGEOGRAPHY OF CENTRAL AMERICA: 29-31 October 1984 in Merida, Yucatan, Mexico. Sessions on plants, animals, and human geography as well as diseases, vectors, and cultivars. Contact: Luis Diego Gomez, Museo Nacional, Apartado 749, San Jose, Costa Rica.

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NAT'L. ASSOC. BIOLOGY TEACHERS: 8-11 November 1984 at Purdue University, West Lafayette, Indiana. The animal behavior committee is looking for university animal behaviorists to present their research. Contact: Laine Gurley, 2731 N. Arlington Heights Rd., Arlington Heights, IL 60004.

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PACIFIC SEABIRD GROUP: 14-15 December 1984 in Long Beach, California. For registration or submission of papers (abstracts due 15 September 1984) write Stuart Warter or Charles T. Collins, Dept. of Biology, California State Univ., Long Beach, CA 90840. For information on the symposium on terns, write Barbara Massey, 1825 Knoxville Ave., Long Beach, CA 90815.

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NORTH AMERICAN WILDLIFE AND NATURAL RESOURCES: 15-20 March 1985 at Shoreham Hotel, Washington, D.C.

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CHEMICAL SIGNALS IN VERTEBRATES: 27-30 July 1985 at the University of Wyoming, Laramie. Paper and poster presentations will be by invitation only, and the International Organizing Committee requests input, inquiries, and correspondence from those who wish to present a topic or simply attend. The meeting will have an evolutionary, ecological, and comparative emphasis. Presentations considering issues such as pheromone chemistry, endocrine and neurobiological mechanisms, matters of adaptation and preadaptation, life history ecology and strategy, ethology, and general evolutionary and comparative biology are welcome. Proceedings will be published as Chemical Signals in Vertebrates, Vol. 4. Please contact: David Duvall, Chair, International Organizing Committee, Chemical Signals in Vertebrates IV, Dept. of Zoology and Physiology, University of Wyoming, Laramie, WY 82071.

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INTERNATIONAL THERIOLOGICAL CONF.: 13-20 August 1985 at the University of Alberta. Symposia to include paleomammalogy, ecology, ethology (? symposia planned--mammalian sociality and social behavior among canids), etc. Contact: The Secretariat, IV ITC, Box 632 Sub 11, Univ. Alberta, Edmonton, Canada T6C 2E0.

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1986 (XIXth) INTERNATIONAL ORNITHOLOGICAL CONGRESS: 22-29 June 1986 in Ottawa. For further information, contact: The Secretary-General, Dr. Henri Ouellet, XIX Congressus Internationalis Ornithologicus, National Museum of Natural Sciences, National Museums of Canada, Ottawa, Ontario, Canada K1A 0M8.

## I. Active Fellows

Richard D. Alexander (1979)  
Margaret Altmann (1966)  
Stuart A. Altmann (1969)  
Lester R. Aronson (1967)  
Edwin M. Banks (1969)  
George W. Barlow (1970)  
Frank A. Beach (1966)  
Irwin S. Bernstein (1979)  
Jerram Brown (1979)  
Charles C. Carpenter (1970)  
Nicholas E. Collias (1967)  
David E. Davis (1967)  
Victor H. Denenberg (1977)  
Donald A. Dewsbury (1982)  
John F. Eisenberg (1977)  
John T. Emlen (1966)  
Stephen T. Emlen (1979)  
Howard E. Evans (1982)  
Hubert W. Frings (1967)  
John L. Fuller (1967)  
Gilbert Gottlieb (1982)  
Donald R. Griffin (1966)  
Edgar B. Hale (1968)  
Jack P. Hailman (1984)  
Eckhard H. Hess (1977)  
Jerry Hirsch (1973)  
Miles H. L. Keenleyside (1982)  
John A. King (1968)  
Peter H. Klopfer (1968)  
Masakazu Konishi (1982)  
Peter R. Marler (1973)  
William A. Mason (1979)  
D. Frank McKinney (1979)  
Arthur A. Myrberg, Jr. (1982)  
Gordon H. Orians (1982)  
Edward O. Price (1984)  
Ernst S. Reese (1977)  
Jay S. Rosenblatt (1970)  
Martin W. Schein (1973)  
Wolfgang M. Schleidt (1977)  
John Paul Scott (1966)  
Paul B. Siegel (1979)  
Charles H. Southwick (1973)  
Herman T. Speith (1966)  
William N. Tavolga (1968)  
C. Richard Terman (1982)  
Ethel Tobach (1970)  
John G. Vandenberg (1977)  
William S. Verplanck (1969)  
Edward O. Wilson (1968)

## II. Inactive Fellows.

George A. Bartholomew (1968)  
James C. Braddock (1969) Deceased  
Frank A. Brown (1969)  
John B. Calhoun (1968)  
Leonard Carmichael (1969) Deceased  
C. R. Carpenter (1966) Deceased  
Lee R. Dice (1966) Deceased  
Theodosius Dobzhansky (1969) Deceased  
Thomas Eisner (1970)  
Alfred E. Emerson (1966) Deceased  
William Etkin (1967)  
Benson E. Ginsburg (1967)  
A. M. Guhl (1966) Deceased  
Viktor Hamburger (1970)  
Arthur D. Hasler (1967)  
William T. Keeton (1977) Deceased  
Z. Y. Kuo (1966) Deceased  
Daniel S. Lehrman (1967)  
Ernst Mayr (1968)  
Charles D. Michener (1967)  
David M. Rioch (1966)  
Arthur J. Riopelle (1968)  
Kenneth Roeder (1966) Deceased  
George B. Schaller (1970)  
T. C. Schneirla (1966) Deceased  
Allen W. Stokes (1973)  
Sherwood L. Washburn (1968)

**TWO NEW WADER BIBLIOGRAPHIES:** Available from Ottenby Bird Observatory, Sweden. Volume 3 of the special report series lists 1364 references to the genera *Calidris* and *Limicola* (\$7). Volume 4 lists 394 references to the genus *Phalaropus* (\$4). For air mail postage add \$1. (International bank check or money order.) Ottenby Bird Observatory, P.O. 1500, S-380 65 Degerham, Sweden.

**AIBS PUBLIC RESPONSIBILITIES:** Judith S. Wortman has been named the new manager of the Public Responsibilities Program of the AIBS. Wortman, a health researcher, educator, and editor, was most recently director of federal relations in Washington for the California State University. The AIBS Public Responsibilities Program is the arm of the Institute that represents the interests of professional biologists in national public policy affairs. By providing information and services to concerned biologists, the Program establishes liaison between the executive and legislative bodies at the national and state level and the concerns of all life scientists for the protection of life and improvement of health that research and conservation can bring. The Program publishes the Newsletter FORUM. Contact AIBS, 1401 Wilson Blvd., Arlington, VA 22209.

**HOTLINE:** The AIBS Public Responsibilities Program wants to hear from you. Contact them to express your opinion on or for information about pending legislation or regulations related to the biological sciences. The "Public Responsibilities Hotline" is available on Tuesdays and Thursdays between 2:00 and 4:00 PM EST. The number is 703-527-6776.

**STATISTICS SOFTWARE:** ANOVA-TEN-Pack is a package of ten programs to compute full analysis of variance summary tables and list means and standard deviations of all main effects and interactions for the following designs: (a) 1, 2, and 3 factor completely-randomized (between-subjects), (b) 1, 2, and 3 factor repeated-measures (within-subjects), and (c) four mixed factorial designs. The package is available on disk in Microsoft GW BASIC/BASICA for the IBM-PC and compatible (128k), and on paper in BASIC for the DEC 10/20, PDP-11, and VAX series. Contact: Contingency Software, 32 Merritt Dr., Lawrenceville, NJ 08648.

**"GRADUATE PROGRAMS IN ANIMAL BEHAVIOR: 1981-82"** available from: Wayne Aspey, ABS, Dept. of Zoology, Ohio State Univ., Columbus, OH 43210. Send a 9 x 12" self-addressed envelope with \$1.00 postage (\$2.00 non U.S.).

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

**ABS ADDRESS CHANGE?** Write the Treas., H. Jane Brockmann, Dept. Zool., Bartram Hall, U. FL, Gainesville, FL 32611.

**NEWSLETTER ANNOUNCEMENTS WELCOME:** Items of interest to ABS members -- news of positions, meetings, publications, people, etc. Send to the ABS Secretary:

Terry E. Christenson  
Department of Psychology  
Tulane University  
New Orleans, LA 70118

#### AWARDS

Zoologist Arnold B. Grobman has been named the recipient of the 1984 AIBS Distinguished Service Award. Grobman, currently chancellor and professor of biology at the University of Missouri in St. Louis, is being recognized for his years of service not only to the biological sciences, but to society as a whole. His contributions to science education, in particular, have been outstanding. Grobman will receive the Distinguished Service Award at the plenary session of the AIBS annual meeting in Fort Collins, Colorado, on August 6.

- \*\* Dues, All Changes of Address, Membership Application, Membership Lists:  
H. Jane Brockmann, ABS Treasurer  
Dept. of Zoology, Bartram Hall  
Univ. of Florida, Gainesville, FL 32611.
- \*\* ANIMAL BEHAVIOUR: Manuscripts, Reviews, Editorial Policy:  
Patrick Colgan, Editor  
Dept. of Biology, Queens Univ.  
Kingston Ontario K7L 3N6 Canada.
- \*\* ANIMAL BEHAVIOUR: Missing Issues, Duplicate or Defective Issues, Back Issues:  
H. Jane Brockmann, ABS Treasurer  
Dept. of Zoology, Bartram Hall  
Univ. of Florida, Gainesville, FL 32611.

#### 1984-85 ROSTER OF ABS OFFICERS AND COMMITTEE CHAIRPERSONS (Effective 18 August 1984)

- PRESIDENT: Colin G. Beer, Inst. Animal Behav., Rutgers University, Newark, NJ 07102  
1st PRESIDENT-ELECT: Jeanne Altmann, Dept. Biology, University of Chicago, Chicago, IL 60637  
2nd PRESIDENT-ELECT: Gordon Burghardt, Dept. Psychol., Univ. Tenn., Knoxville, TN 37916  
PAST-PRESIDENT: Devra G. Kleiman, Dept. Zoological Research National Zoological Park, Washington, D.C. 20008  
SECRETARY (1984-1987): Terry E. Christenson, Dept. Psychol., Tulane Univ., New Orleans, LA 70118  
TREASURER (1982-1985): H. Jane Brockmann, Dept. Zoology, Bartram Hall, Univ., Florida, Gainesville, FL 32611  
PROGRAM OFFICER (1983-1986): Lee C. Drickamer, Dept. Biology, Williams College, Williamstown, MA 01267  
PARLIAMENTARIAN (1982-1985): Edward H. Burttt, Jr., Dept. Zoology, Ohio Wesleyan Univ., Delaware, OH 43015  
MEMBER-AT-LARGE (1982-1985): Sarah Lenington, Inst. Animal Behavior, Rutgers Univ., Newark, NJ 07102  
MEMBER-AT-LARGE (1983-1986): Philip N. Lehner, Dept. Zool./Ent., Colo. St. Univ., Fort Collins, CO 80523  
MEMBER-AT-LARGE (1984-1987): Joan Lockard, Dept. Neur. Surg., Univ. Wash. Sch. Med., Seattle, WA 98195  
EDITOR, ANIMAL BEHAVIOUR (82-85): Patrick Colgan, Dept. Biol., Queens Univ., Kingston, Ontario K7L 3N6 Canada  
CHAIR, EDUCATION C.: Robert W. Matthews, Dept. Entomology, Univ. Georgia, Athens, GA 30602  
CHAIR, MEMBERSHIP C.: Miles Keenleyside, Dept. Zoology, Univ. Western Ontario, London, Ontario N6A 5B6 Canada  
CHAIR, ANIM. CARE C.: Zuleyma T. Halpin, Dept. Psychol., Univ. Colorado, Boulder, CO 80309  
CHAIR, PUBLIC AFFAIRS C.: George H. Waring, Dept. Zool., S. Illinois Univ., Carbondale, IL 62901  
CHAIR, POLICY C.: David L. G. Noakes, Dept. Zoology, Univ. Guelph, Guelph, Ontario, Canada N1G 2W1  
CHAIR, FILM C.: Wayne P. Aspey, Dept. Zoology, Ohio State University, Columbus, OH 43210  
CHAIR, ORG. & BYLAWS C.: Edward H. Burttt, Jr., Dept. Zoology, Ohio Wesleyan Univ., Delaware, OH 43015  
AIBS REPRESENTATIVE: Edward M. Barrows, Dept. Biology, Georgetown Univ., Washington, D.C. 20057  
SECTION G-AAAS REPRESENTATIVE: Jerry Hirsch, Dept. Psychology, Univ., Illinois, Champaign, IL 61820  
ABS HISTORIAN: Martin W. Schein, Dept. Biology, Univ. West Virginia, Morgantown, WV 26506

#### DEADLINES FOR NEWSLETTERS:

Animal Behavior Society: 1 Sept. 1984 for Nov. 1984  
ABS NEWSLETTER.

ASZ Division of Animal Behavior: 1 Sept. 1984 for Fall  
(Oct.) DAB Newsletter.

Send materials to the ABS Secretary:

Terry E. Christenson  
Department of Psychology  
Tulane University  
New Orleans, LA 70118

APPLICATION FOR MEMBERSHIP: ANIMAL BEHAVIOR SOCIETY

Name in full \_\_\_\_\_ Degrees \_\_\_\_\_

Mailing address \_\_\_\_\_

Institution \_\_\_\_\_ Position \_\_\_\_\_

- \_\_\_\_\_ Member - \$27.00 (U.S.) Receive ANIMAL BEHAVIOUR and NEWSLETTER.
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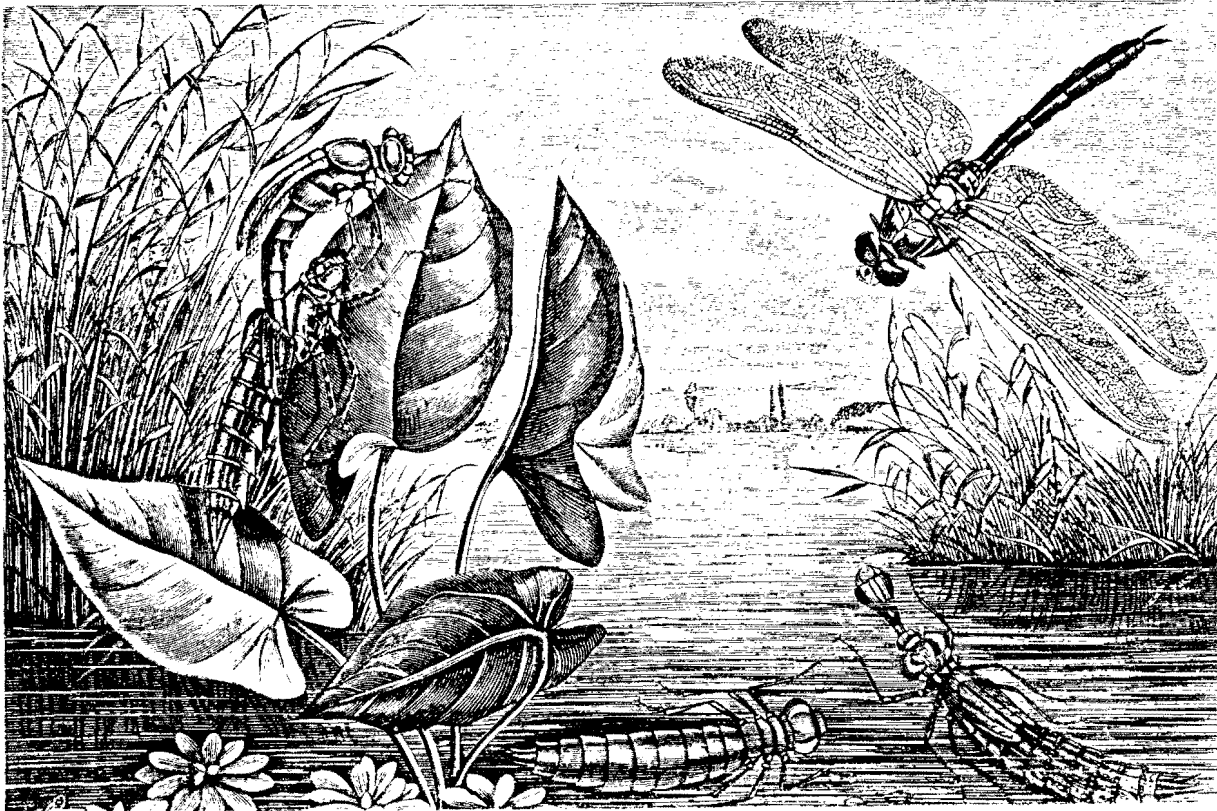
Member of these societies: \_\_\_\_\_ Ecol. Soc. Amer.; \_\_\_\_\_ Amer. Soc. Zool.; \_\_\_\_\_ A.I.B.S.;  
\_\_\_\_\_ Amer. Psych. Assoc.; \_\_\_\_\_ Wildlife Soc.; \_\_\_\_\_ Other(s) \_\_\_\_\_

My student membership application is endorsed by: (Dept. Head, ABS Member, ABS Fellow)  
(name) \_\_\_\_\_ (signature) \_\_\_\_\_

This application form should be sent with remittance (make checks payable to ANIMAL BEHAVIOR SOCIETY) to:

H. Jane Brockmann, ABS Treasurer  
Dept. of Zoology, Bartram Hall  
University of Florida  
Gainesville, FL 32611

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INTERNATIONAL ETHOLOGICAL CONFERENCE

TOULOUSE, FRANCE, 24 AUGUST - 2 SEPTEMBER 1985

The 19th International Ethological Conference is open to any qualified ethologist, as well as to other scientists in the field of behavior. The Conference will be in Toulouse, France, from 24 August to 2 September 1985, with the support of the French Society for the Study of Animal Behaviour (S.F.E.C.A.). The Conference will be held on the campus of Paul Sabatier University, 7 km from the center of Toulouse. This notice is your invitation to attend the 19th International Ethological Conference.

The scientific activities will be distributed over nine days (one day will be kept open). Each day will include a Plenary Session. Contributed verbal and poster papers and round table discussions will be grouped according to sub-themes arising from the plenary sessions. Two or three evening lectures will be scheduled and there will be opportunities for further formal or informal round table discussions in the evenings. The program will be determined by the Organization Committee, the Council of the S.F.E.C.A., and the International Ethological Conference Committee.

The second circular will call for contributed papers and provide additional information about housing costs and available tours. You must contact the "ETHOLOGIE-85" organizers in Toulouse to receive the second circular (complete the Reply Form below). The organizers of the Conference will need to know your plans in order to estimate the number of persons who will attend.

If you have questions about the 1985 International Ethological Conference, contact the Secretary of the U.S. Ethological Conference Committee: Lee C. Drickamer, Biology Dept., Williams College, Williamstown, MA 01267 (ph. 413-597-2223).



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ETHOLOGIE-85 REPLY FORM

Full name:

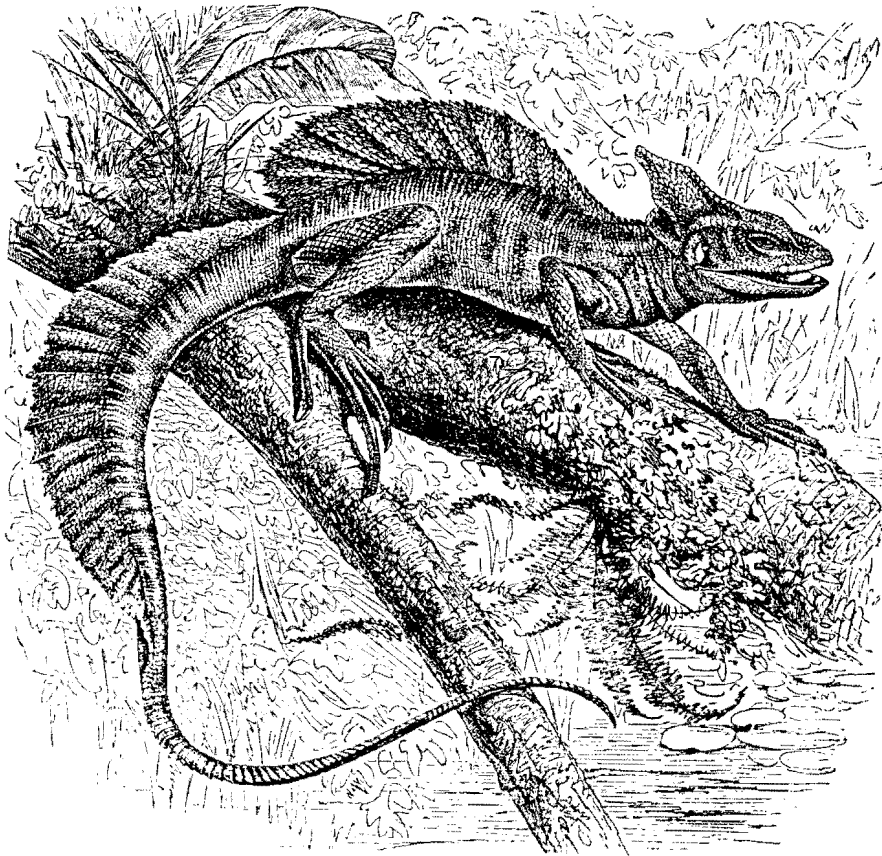
Complete professional address:

Qualifications:

- Number of persons who plan to accompany me to the Conference.
- I am interested in a tour organized in France
  - before the Conference.
  - after the Conference.
- I am not interested in a tour.

Send the Reply Form to:

"ETHOLOGIE-85"  
Departement de Biologie du Comportement  
118 route de Narbonne (4R3)  
F-31062 Toulouse Cedex  
FRANCE



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