

NEWSLETTER
ANIMAL BEHAVIOR SOCIETY
SECTION (DIVISION) ANIMAL BEHAVIOR AND SOCIOBIOLOGY

Devra G. Kleiman, Secretary
National Zoological Park
Washington, D. C. 20008

American Society of Zoologists
Ecological Society of America

NOMINATIONS: The Nominating Committee (George Barlow, Donald Dewsbury and Stuart Altmann) has submitted the following list of candidates for the 1981 election, for terms of office beginning August 1982:

Second President-Elect (becomes President in 1984):

Colin Beer, Institute of Animal Behavior, Rutgers
William Mason, University of California, Davis

Editor (5 year term):

Al Kamil, University of Massachusetts
Martin Schein, University of West Virginia

Treasurer (3 year term):

H. Jane Brockmann, University of Florida
Zuleyma T. Halpin, University of Missouri

Member-at-Large (3 year term):

Carl Hopkins, University of Minnesota
Sarah Lenington, Institute of Animal Behavior, Rutgers

Vitae of the candidates and a ballot will appear in the August Newsletter. Additional nominations may be made by a letter signed by at least five (5) ABS members and accompanied by an indication that the nominee is willing to serve, if elected. These materials must be received by the new ABS Secretary (Sidney Gauthreaux, Dept. of Zoology, Clemson University, Clemson, S.C. 29631) by 15 July 1981. A complete list of ABS officers and committee chairpersons is included in this Newsletter.

ABS ANNUAL MEETING: JUNE 22-26, 1981. UNIVERSITY OF TENNESSEE, KNOXVILLE

Highlights of the meeting include:

Symposium: Issues in the ecological study of learning; organized by T. Johnston and A. Pietrewicz (June 22).

Invited paper sessions: (1) Applied and companion animal ethology; organized by E. Banks and P. Borchelt (June 25).

(2) Early experiences and their influence on species identifications; organized by M. A. Roy (June 23).

(3) Stress and social adaptation: applied research in primate and human ethology; organized by T. Hay (June 24).

Workshops: (1) Communicating with VIPs: your audience, your editor, your prospective employer; organized by W. Aspey (June 23).

(2) Advanced analyses of complex social interaction; organized by G. Stephenson, N. Mankovich, and S. Riechert (June 25).

Keynote Speaker: Prof. I. Eibl-Eibesfeldt (Max-Planck Institut), "Human Ethology".

Other Activities: ABS Business Meeting (June 24), Human Ethology roundtable (June 23), film sessions, Mountain music social (June 25), informal talk with I. Eibl-Eibesfeldt (June 25), discussions with representatives of NSF (June 23), field trips (June 26, 27).

Banquet: Will feature music of East Tennessee and the Scopes Evolution Trial, by the Morgans (June 24).

For information on the program, contact Terry Christenson, Dept. of Psychol., Tulane Univ., New Orleans, LA 70118 (504-865-5331). Questions concerning the conference should be directed to Local Host, Gordon Burghardt, Dept. of Psychol., Univ. of Tennessee, Knoxville, TN 37916 (615-974-5201) or to Animal Behavior Conference, UTK Dept. of Conferences, 1629 Melrose Ave., Knoxville, TN 37016 (615-974-5261).

FROM THE SECRETARY: This is my last Newsletter. I am especially indebted to Gail Hill, Wy Holden, Laura Grady, and Virginia Garber for their secretarial support, and also thank the students and colleagues who stamped and sorted innumerable Newsletters over the last 3½ years.

DEADLINE FOR RECEIPT OF MATERIALS FOR THE AUGUST NEWSLETTER IS 15 JULY 1981. SEND MATERIALS TO THE NEW ABS SECRETARY, SID GAUTHREAU, DEPT. ZOOLOGY, CLEMSON UNIV., CLEMSON, S.C. 29631.

ABS REGIONAL MEETINGS: The 1981 Northeastern Regional Meeting will be held at Queen's Univ., Kingston, Ontario from October 23-25. Offers to organize symposia on selected themes are welcome. A joint session on insect behavior is planned for Oct. 25 (A.M.) with the 118th Entomological Society of Ontario, also meeting at that time. Billets for graduate students in animal behavior will be provided as long as spaces are available (first-come-first-served). Campus maps, motel information, the agenda and other information will be sent in September. Registration fees (U.S. \$7 for students, \$10 regular), fees for the Banquet and Keynote Address (\$8), and 9 cm (high) x 16 cm (wide) abstracts for oral and poster papers should be submitted by 15 September to N.E.A.B.S., c/o Patrick Colgan, Dept. Biol., Queen's Univ., Kingston, Ontario K7L 3N6 (613-547-2849). After 15 Sept., the late registration fee is \$15.

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The 1982 Midwestern Regional Meeting will be held at the Univ. of Illinois, Urbana, IL and hosted by Ed Banks, Dept. Ecol. Ethol. & Evolution. Details of this meeting will appear in a future Newsletter.

SOUTHEASTERN COASTAL AND ESTUARINE BIRDS: This conference-workshop will be held 11-13 Sept. 1981, near Georgetown, S.C., at the Field Laboratory of the Belle W. Baruch Institute for Marine Biology and Coastal Research, Univ. of S. C. The meeting will focus on a total ecosystem approach and will assemble Federal, State, and academic researchers from Del., MD., VA., N.C., S.C., GA. and FL. to exchange information and determine levels and directions of current research. Anyone working on coastal and/or estuarine species in the region is invited to present research results, either as a conventional or poster presentation. Preliminary results and presentations by graduate students are especially welcome, as are presentations concerning avian prey bases, avian competitors, etc. A limited number of graduate student awards (room and registration fee waivers) are available. For questions concerning presentations and graduate student awards, contact Keith L. Bildstein, Program Chairman, Dept. of Biol., Winthrop College, Rock Hill, S.C. 29733 (803-323-2111). Conference information will be mailed to AOU, COS, and WOS members in the Southeast. All others should contact Bobbie Christy, Local Chairman, Baruch Field Laboratory, P.O. Box 1630, Georgetown, S.C. 29440 (803-546-3623).

COLONIAL WATERBIRD GROUP: The Fifth Annual Meeting of the CWG will be held October 22-25, 1981, at Corpus Christi State Univ., Corpus Christi, Texas. A symposium on factors affecting reproductive success is planned, and papers may be submitted to our new journal, Colonial Waterbirds. Abstracts for the symposium are due by 1 August 1981; abstracts for contributed papers are due by 1 September 1981. Send abstracts and program inquiries to: J. Burger, Dept. Biology, Livingston College, Rutgers Univ., New Brunswick, N.J. 08903. For registration information contact: Brian Chapman, Dept. Biol., Corpus Christi State Univ., Corpus Christi, TX 78412.

SALMON AND TROUT MIGRATORY BEHAVIOR SYMPOSIUM: This international meeting will be held June 3-5, 1981 in Seattle, WA to discuss current research and historical overviews of this research area. Papers will focus on: (1) in-gravel movements and emergence behavior; (2) stream movements of juveniles; (3) seaward migrations and smolting; and (4) adult migrations. For further information, contact Dr. Ernest L. Brannon, College of Fisheries WH-10, Univ. of Washington, Seattle, WA 98195.

ETHOLOGY AND BEHAVIORAL ECOLOGY OF FISHES: THIRD BIENNIAL CONFERENCE: This meeting will be held May 19-22, 1981 at Illinois State Univ., Normal, IL. Scheduled symposia include "Behavioral tactics of predators and prey" and "Applied aspects of fish behavior". Keynote addresses by George Barlow, Carl Hopkins, and Arthur Myrberg will precede each contributed paper session. For further information, contact Jack Ward, Biological Sciences, Illinois State Univ., Normal, IL 61761 (309-438-3669).

SYMPOSIA FOR ASZ AND ABS MEETINGS: Individuals interested in organizing symposium for the 1982 ASZ meetings in Louisville, KY (December) or the 1982 ABS meetings in Duluth, MN (Aug.), contact Terry Christenson, ABS Program Officer, Dept. Psychol., Tulane Univ., New Orleans, LA 70118 (504-865-5331).

1981 MEETING OF THE ANIMAL BEHAVIOR SOCIETY WITH THE
AMERICAN SOCIETY OF ZOOLOGISTS, CRUSTACEAN SOCIETY, SOCIETY OF PROTOZOOLOGISTS,
SOCIETY OF SYSTEMATIC ZOOLOGY AND AMERICAN MICROSCOPICAL SOCIETY

DECEMBER 27 - 30 HYATT REGENCY, DALLAS, TEXAS

SYMPOSIUM SPONSORED BY THE ANIMAL BEHAVIOR SOCIETY AND THE
DIVISION OF ANIMAL BEHAVIOR, ASZ

OPTIMIZATION OF BEHAVIOR (organized by Donna J. Howell, Dept. of Biology, Southern Methodist University, Dallas, Tx. 75222).

Tentative Program

- D. Howell, Overview and review of problems.
- L. Wolf and R. Hainsworth, Optimization of feeding behaviors in nectar-feeding birds.
- B. Heinrich, Optimization in the foraging behavior of nectivorous insects.
- S. Beckerman, Optimal foraging by a human population?
- K. Hawkes, How much is enough?
- A. Kamil, Optimal foraging theory and the psychology of learning.
- J. McNair, Optimal giving-up times and the marginal value theorem.
- P. Myers, Out in the real world: territoriality, optimal foraging, and predators.
- W. Durham, Optimization models of human intergroup aggression.
- S. Vehrencamp, To skew or not to skew.
- E. Charnov, Optimization models in the theory of sex allocation.

SYMPOSIA OF SPECIAL INTEREST TO ANIMAL BEHAVIOR SOCIETY MEMBERS

THE INTERFACE OF QUANTITATIVE GENETICS, LIFE-HISTORY EVOLUTION, AND WHOLE-ORGANISM ONTOGENY (organized by Stephen C. Stearns, Dept. of Biology, Reed College, Portland, Or. 07202). Scheduled speakers include: W. R. Atchley, J. J. Rutledge, K. A. Berven, H. Caswell, O. Kempthorne, H.-I. Oka, D. Policansky, M. R. Rose, M. Slatkin, S. Smith-Gill, S. C. Stearns, A. Templeton, J. Tuomi and J. Collins.

ADAPTIVE RADIATION WITHIN A HIGHLY SPECIALIZED SYSTEM: THE DIVERSITY OF FEEDING MECHANISMS OF SNAKES (organized by F. Harvey Pough for the Division of Vertebrate Morphology). Scheduled speakers include: F. H. Pough, S. J. Arnold, J. A. Ruben, T. deC. Buning, H. W. Greene, H. K. Voris, D. L. Cundall, A. H. Savitsky, and C. Gans.

OTHER SYMPOSIA SCHEDULED

(1) Phylogeny within the Crustacea, (2) Epithelial-mesenchymal interactions, (3) Developmental biology of the Ascidians, (4) Chromatophores and color changes, (5) Comparative aspects in inflammation, (6) The teaching of protozoology, (7) Research developments in Arthropod water relations, (8) Meiofauna ecology: Present concepts and future directions, (9) Phylogeny and rates of evolution, and (10) Approaches to phylogenetic inference (final approval pending).

CONTRIBUTED PAPERS (Poster or Oral Presentations)

Deadline for submission is August 28. Abstracts will be published in the American Zoologist 21(4).

For the following informational items about the Dallas meeting, send this coupon to Mary Wiley, American Society of Zoologists, Box 2739 California Lutheran College, Thousand Oaks, Ca. 91360.

Name and Address: _____

_____ Brochure detailing Dallas Meeting Plans
_____ Forms for contributing a paper (poster or oral presentation).

DIRECTION OF CORRESPONDENCE: PLEASE RETAIN FOR FUTURE REFERENCE

Regarding	To
Dues, Changes of Address, Membership Application, Membership Lists	H.B. Graves, Treasurer Dept. of Poultry Science, Penn State Univ. University Park, PA 16802
<u>Animal Behaviour</u> : Manuscripts, Reviews and Editorial Policy	Jeanne Altmann, Editor Dept. of Biology, University of Chicago 5712 S. Ingleside Ave., Chicago, IL 60637
<u>Animal Behaviour</u> : Missing Issues, Duplicate or Defective Issues, Back Issues	Journal Subscription Dept. Bailliere Tindall, 35 Red Lion Square London WC1R 4SG, ENGLAND
<u>Newsletter</u> and General Information	Sidney Gauthreaux, Secretary, Dept. of Zool. Clemson Univ., Clemson, S. C. 29631

1981 ROSTER OF ABS OFFICERS AND COMMITTEE CHAIRPERSONS
(*New Officer's terms begin 27 June 1981)

PRESIDENT: *J.P. Hailman, Dept. Zool.,
Univ. Wisc., Madison, WI 53706
(608-262-2636)

1st PRESIDENT-ELECT: *John Vandenberg,
Dept. Zool., N.C. State Univ., Raleigh,
N. C. 27650 (919-755-2741)

2nd PRESIDENT-ELECT: *Devra G. Kleiman,
Dept. Zool. Res., National Zool. Park,
Wash., D. C. 20008 (202-673-4825)

PAST-PRESIDENT: *E.O. Price, Dept. Anim.
Sci., Univ. Calif., Davis, CA 95616
(916-752-6789)

SECRETARY: *Sid Gauthreaux, Dept. Zool.,
Clemson Univ., Clemson, S.C. 29631
(803-656-2328)

TREASURER: H.B. Graves, Dept. Poultry
Sci., Penn State Univ., Univ. Park, PA
16802 (814-865-4481)

PROGRAM OFFICER: Terry Christenson,
Dept. Psychol., Tulane Univ., New
Orleans, LA 70118 (504-865-5331)

MEMBERS-AT-LARGE: Dietland Müller-
Schwarze, Coll. Environ. Sci. &
Forestry, SUNY, Syracuse, N.Y. 13210
(315-473-8847)

Gordon Burghardt, Dept. Psychol., Univ.
Tennessee, Knoxville, TN 37916
(615-974-2531)

*Elizabeth Adkins Regan, Dept. Psychol.,
Cornell Univ., Ithaca, N.Y. 14853
(607-256-6391).

ABS HISTORIAN: Martin Schein, Dept.
Biol., Univ., W. Va., Morgantown, W. Va.
26506 (304-293-5806)

EDITOR, ANIMAL BEHAVIOUR: Jeanne Altmann,
Dept. Biol., Univ. Chicago, Chicago, IL
60637 (312-753-2795)

CHAIR, EDUCATION COMM.: Wayne Aspey, Dept.
Zool., Ohio State Univ., Columbus, OH 43210
(614-422-9861)

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Ontario N6A 5B6 Canada (519-679-2293)

CHAIR, ANIMAL CARE COMM.: Zuleyma Halpin,
Dept. Biol., Univ. Missouri, St. Louis, MO
63121 (314-553-5811)

CHAIR, PUBLIC AFFAIRS COMM.: Edwin Banks,
Dept. Ecol., Ethol., & Evolution, Univ.
Illinois, Urbana, IL 61801 (217-333-4884)

CHAIR, POLICY COMM.: Douglas Candland, Dept.
Psychol., Bucknell Univ., Lewisburg, PA
17837 (717-524-3357)

CHAIR, FILM COMM.: Jack Ward, Dept. Biology,
Illinois State Univ., Normal, IL 61761
(309-438-3669)

CHAIR, ORGAN. & BY-LAWS COMM.: Steve Rebach,
Dept. Nat. Sci., Univ. Maryland, Eastern
Shore, Princess Anne, MD 21853
(301-651-2200, Ext. 322)

AIBS REPRESENTATIVE: David Olton, Dept.
Psychol., Johns Hopkins Univ., Baltimore, MD
21218 (301-338-7083)

SECTION G-AAAS REPRESENTATIVE: Jerry Hirsch
Dept. Psychol., Univ. Illinois, Champaign, IL
61820 (217-333-0373)

ANIMAL CARE GUIDELINES: The Ethical Committee of ASAB (U.K.) and the Animal Care Committee of ABS (U.S.A. and Canada) have jointly published "Guidelines for the Use of Animals in Research" in Animal Behaviour, Vol. 29:1-2 (1981). The "ABS Guidelines for Animal Care", produced by the ABS Animal Care Committee, was published in the February 1980 ABS Newsletter (Vol. 25, No. 1) and is available from the new ABS Secretary, Sidney Gauthreaux.

ANIMAL WELFARE PUBLICATIONS: The Animal Welfare Institute is pleased to offer a single free copy of the following publications to members of the Animal Behavior Society: (1) "Comfortable Quarters for Laboratory Animals", illustrated manual on building, remodeling or re-equipping animal quarters. Animal Welfare Institute. Revised edition, 1979. 108 pp. (additional copies, \$3.00). (2) "Physical and Mental Suffering of Experimental Animals" A review of scientific literature from 1975-1978 by Jeff Diner. Animal Welfare Institute. 1979. 195 pp. (additional copies, \$4.00).

They also recommend Dallas Pratt's "Alternatives to Pain in Experiments on Animals," a sequel to his 1976 book, "Painful Experiments on Animals," which updates his survey of stressful experiments and details ways in which they can be reduced, refined or replaced. Available for \$3.95 plus \$1.00 for postage and handling from Argus Archives, 228 East 49th St., New York, N.Y. 10017. For more information, please write: Animal Welfare Institute, P. O. Box 3650, Washington, D.C. 20007.

MAMMALS AVAILABLE: Specimens of the following small mammals are available for establishing breeding colonies and for non-traumatic behavioral research: rock cavy, Kerodon rupestris; punare, Cercomys cunicularis; rufous elephant shrew, Elephantulus rufescens; bare-tailed opossums, Monodelphis domestica. Contact Lisa Stevens, Dept. Zoological Research, National Zoological Park, Washington, D.C. 20008. Crab-eating foxes, Cerdocyon thous (some males vasectomized) are also available for breeding and behavioral studies. Contact Ingrid Porton, Conservation and Research Center, Front Royal, VA 22630.

PUBLIC AFFAIRS: The Public Affairs Committee (Chair, E. Banks) requests that ABS members maintain pressure on their legislators regarding the NSF budget cuts. Some funds were restored to the NSF budget by the Science and Technology House Subcommittee, but there are still many more hurdles before the bill reaches the House floor. Pressure is needed at each step to sustain the increase, if not to get additional funds.

The International Society for Research on Aggression has a task force at work on the ethical issues of aggression research. If interested, write to Dr. Caroline Blanchard, Dept. of Psychol., Univ. of Hawaii, Honolulu, HI 96822 for further detail.

The American Psychological Association held a symposium "Ethical Issues in Research with Animals" at its September 1980 annual meeting. The proceedings of this symposium are to appear soon in the Psychopharmacology Bulletin.

INSECT RESEARCH: The behavior and ecology of insects in urban gardens and yards are being studied at Georgetown University, including the reproductive and foraging behavior of the carpenter bee, Xylocopa virginica; parasitization and reproductive behavior of the chalcidoid wasp, Pediobius foveolatus, which attacks the Mexican bean beetle; the behavior of bagworm caterpillars; and the pollination behavior of the imported cabbage butterfly. Qualified students interested in working toward an M.S. or Ph.D. in insect behavioral ecology, please contact Edward M. Barrows, Dept. of Biol., Georgetown Univ., Wash., D.C. 20057. Fellowships are available on a competitive basis to students who are accepted for the Ph.D. program.

POSTDOCTORAL TRAINEESHIP: The Section of Neurobiology and Behavior at Cornell Univ. has received an NIMH institution award to foster integrative and interdisciplinary research in neurobiology and behavior. Areas of program focus are: (1) development of neural systems and ontogeny of behavior, (2) neural bases of behavior, and (3) social, ecological and evolutionary bases of behavior. For application materials and further information, contact: Glenn Hausfater, Section of Neurobiol. and Behavior, Langmuir Laboratory, Cornell Univ., Ithaca, NY 14850.

Application for Membership: Animal Behavior Society

Name in full _____ Degrees _____

Mailing address _____

Zip _____

Institution _____ Position _____

Class of Membership desired _____

Member - \$27.00 (U.S.) Receive Animal Behaviour and Newsletter.

Student Member - \$17.00 (U.S.) Receive Animal Behaviour and Newsletter.

Spouse Member - \$9.00 (U.S.) Receive Newsletter only.

Date and place of birth _____

Specific area of interest _____

Member of following societies: Ecol. Soc. Amer. _____ Amer. Soc. Zool. _____ Amer. Psych.

Assoc. _____ Wildlife Soc. _____ Other Societies _____

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

Membership for calendar year 19____

This completed application form should be sent with remittance (make checks payable to ANIMAL BEHAVIOR SOCIETY) to: H. B. Graves, Treasurer, Animal Behavior Society, Dept. of Poultry Science, Pennsylvania State University, University Park, Pennsylvania 16802.

PLEASE COPY AND DISTRIBUTE!

DATAMYTE AVAILABLE: A brand new (never used) DATAMYTE 904-16 portable electronic data collector, with special delay program, battery charger, spare battery, and output cable (for direct input to computer memory) is available at \$1000 discount from the list price of \$2497. Factory re-inspection (upon purchase) and full guarantee from the manufacturer. Contact G. Schubert, 640 Porteus Hall, Univ. Hawaii-Monoa, 2424 Maile Way, Honolulu, HI 96822 (808-948-7536).

D. G. Kleiman, Secretary
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