

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

ELECTION OF OFFICERS: The following were elected in the 1979 balloting:

Second President-Elect: John G. Vandenberg
Program Officer: Terry E. Christenson
Member-at-Large: Gordon M. Burghardt

There were 414 ballots cast, the same as in the 1978 election. The ballots represented 24% of the membership, compared with 22% voting in 1978 and 25% voting in 1977.

1980 ABS ANNUAL MEETING: Colorado State University, Fort Collins; June 9-13, 1980

CALL FOR PAPERS: Included in this Newsletter are a Transmittal Form and an Abstract Preparation Form for contributed papers. ABS members may present one contributed paper only (with the exception of invited papers, poster sessions, or films) or sponsor one paper presented by a non-member. Rejection is by late submission only. Transmittal Forms and abstracts, as well as inquiries concerning the program, should be forwarded to the Program Officer, Joan Lockard, RI-20, University of Washington, Seattle, WA 98195, no later than March 7, 1980.

POSTER SESSION PAPERS are strongly encouraged. Participation will assure a) more in-depth perusing of the data presented, b) extended discussion, and c) a one-to-one exchange of ideas.

SPECIAL NOTE: Persons interested in chairing a paper session, please check #7 on the Transmittal Form.

REGISTRATION AND HOUSING INFORMATION will appear in the February 1980 Newsletter. For information contact the local host, Philip Lehner, Department of Zoology, Colorado State University, Fort Collins, CO 80523.

ALLEE AWARD: The W. C. Allee Award will be presented for the outstanding student paper at the 1980 ABS Annual Meeting. Any independent student research which is unpublished at the time of submission for competition is eligible so long as the entrant has not competed before and has not had the final defense of his/her doctoral dissertation prior to the preceding ABS Annual Meeting. To compete, send Transmittal Form (marked Allee Award competition) and abstract to the Program Officer, Joan Lockard, at the above address and four copies of a written version of the paper (not to exceed 7 pages of double-spaced typewritten text in the Animal Behaviour format) to Jack Hailman, Department of Zoology, Birge Hall, University of Wisconsin, Madison, WI 53706. Deadline is March 7, 1980.

CALL FOR SYMPOSIA: Individuals interested in organizing a symposium for the 1980 ABS Annual Meeting should call (206-543-3494) or write Joan Lockard at the above address. Symposia must be approved by the Executive Committee prior to acceptance. ABS does not provide financial subsidy. Deadline for submission of symposia proposals is 31 December 1979.

MIDWESTERN REGIONAL MEETING: The University of Wisconsin, Milwaukee, will host a Midwestern Regional Meeting on April 11-13, 1980. Additional details will appear in the February Newsletter. If you are interested in organizing or suggesting a topic for a plenary session, symposium, or round table, please contact Jonathan Copeland, Department of Zoology, University of Wisconsin, P.O. Box 413, Milwaukee, WI 53201 (414-963-6285 or -6331 or -4214).

DEADLINE FOR RECEIPT OF MATERIALS FOR THE FEBRUARY NEWSLETTER IS 15 JANUARY 1980.

INTERNATIONAL ETHOLOGICAL CONFERENCE: The XVth International Ethological Conference was held from August 17-27, 1979, at the University of British Columbia, Vancouver. There were 398 delegates with about 65 associates. Of 133 invited U. S. delegates, 115 attended (the U. S. quota is normally 100). The next conference will be held in Oxford, England from September 1-9, 1981. Applications for invitations will be published in the February, and May, 1980 ABS Newsletters. Other organizations are being contacted by members of the U. S. Ethological Conference Committee. If you attended the conference in Vancouver and need a tax voucher, please contact Marc Bekoff, Dept. of EPO Biology, University of Colorado, Boulder, CO 80309.

ELECTION OF DELEGATES TO THE U. S. ETHOLOGICAL CONFERENCE COMMITTEE (USECC): The following individuals have been nominated for the USECC:

Ronald Barfield	Lee Drickamer	William Keeton
Devra Kleiman	Thomas McGill	Frank McKinney

The USECC is responsible for the selection of U. S. delegates to the International Ethological Conference (IEC) and aids in the selection of papers to be presented at the IEC. Please vote for no more than 3 candidates. Ballots are included in this Newsletter.

ANIMAL BEHAVIOR CONFERENCE - MONTREAL: The Quebec Society for the Biological Study of Behavior (SQEBC) announces its fourth Annual Conference to be held November 16-18, 1979 at the Université de Montréal. Short communications, two invited speakers (Peter Marler, Rockefeller University and Cyrille Barrette, Université Laval), as well as a workshop on the use of quantitative methods in ethology, have been scheduled. For further information, contact Georg Baron, Département des Sciences Biologiques, Université de Montréal, Montréal, Quebec, H3C 3J7.

ASZ MEETING: The American Society of Zoologists will have its annual meeting from December 27-30, 1979 in Tampa, FL. Included are two ABS sponsored symposia, "Social Signals: Comparative and Endocrine Approaches" and "The Behavioral and Reproductive Biology of Sea Turtles", as well as contributed papers. For information on the program and registration, contact Mary Wiley, Box 2739, California Lutheran College, Thousand Oaks, CA 91360.

CONFERENCE ON BEHAVIOR OF MARINE ANIMALS, ECOLOGY AND POLLUTION: An international conference on the behavior of marine animals in relation to ecological factors and pollution effects will be held in Concarneau, France on May 5-10, 1980, sponsored by the College de France. Plenary sessions will feature review and theoretical papers by speakers from the U. S., France, Japan, England, Israel, etc. Participants are invited to submit posters to be discussed at round-table sessions and later published in the Proceedings by Masson et Cie. The projected cost for registration, living expenses, the published Proceedings, and copies of posters is approximately \$300. For further information, contact Yves Rouger, Marine Biological Laboratory, College de France, Concarneau, 29110, France.

ERRATUM: In the minutes of the ABS Business Meeting published in the August Newsletter, the phrase 'the Association for the Study of Animal Behaviour (ASAB) is not contributing \$1000/year...' should read "the Association for the Study of Animal Behaviour (ASAB) is now contributing \$1000/year...".

ANIMAL BEHAVIOUR: There are several changes being made in the format of Animal Behaviour, beginning with Volume 28, 1980. Raised (centered) decimal points will no longer be used; rather, decimal points will be on the line, as is usual in the U. S. Also, time, e.g. 1230 hours, will be written as four digits (two for hour, two for minutes) uninterrupted by any punctuation. Abstracts need not be restricted to 120 words. The guideline for abstract length will be approximately 100 words per 10 text pages in the final revised manuscript. This will not interfere with arrangements made with abstracting services.

Please return this form to:

Joan S. Lockard, Ph.D.
Department of Neurological Surgery
RI-20
University of Washington
Seattle, Washington 98195

ANIMAL BEHAVIOR SOCIETY
ANNUAL MEETING
June 9 - 13, 1980
Colorado State University
Fort Collins, Colorado

1. Title of Paper: _____

2. Author(s):

First Name	Initial	Last Name	Institutional Affiliation
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3. Mailing address of the presenting author:

Telephone Number:

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4. ABS Membership:

Status of presenting author:

_____ A regular member of ABS

_____ A student member of ABS

_____ A non-member who is a joint author with a member

_____ A non-member whose paper is introduced by _____

If multiple authors, please list those who are members of the Society.

5. Category of paper to be presented (abstract required for all types).

_____ 15-minute paper (includes discussion time)

_____ Poster paper

6. Identify your paper according to animal group and principal subject category
(To be used by program officer in organizing and scheduling papers).

Animal Group (circle principal animal subjects)

Mammals (non-primate)

Birds

Crustaceans

Molluscs

Non-human primates

Herps

Insects

Other Invertebrates

Humans

Fishes

Arachnids

7. Would be willing to chair a paper session _____.

Self-Maintenance Activities		
Locomotion-exploration	Grooming	Ingestive/Eliminative
Approach-avoidance	Tonic immobility	Other _____
Biological Rhythms		
Lunar	Circadian	Other _____
Physiology		
Endocrine	Neural	Sensory
Development		
Early experience	Maturation	Imprinting
Play	Endocrine effects	Other social responses
Learning		
Conditioning	Habituation	Other _____
Genetics and Evolution		
Single gene effects	Selection	Domestication
Behavior and morphology	Geographic variation	Evolutionary models
Isolating mechanisms	Behavioral taxonomy	Other _____
Orientation		
Homing	Migration	Navigation
Echolocation	Taxes	Sensory basis
Communication		
Visual	Acoustic	Chemical
Tactual	Stimulus filtering	Other _____
Social		
Parent-offspring	Sex selection	Courtship and mating
Agonistic behavior	Dominance	Territoriality
Altruism/Kinship	Group structure, spacing, schooling	Ecological determinants
Ecological		
Habitat selection	Predator-prey interactions	Symbiotic relations
Competition	Density regulation	Physical environment effects on behavior
Applied		
Drugs	Effects of pollutants	Husbandry
Other _____		

Teaching Animal Behavior

None of the above categories is appropriate. I would categorize my paper as dealing with _____

8. Visual aids. A projector for 2 x 2 slides will be available; with advanced notice 3 1/4 x 4 slides could be accommodated.
 Do you wish to use 3 1/4 x 4 slides? _____
 Do you need a 16mm projector? _____
 Other visual aids equipment needed. _____

INSTRUCTIONS FOR PREPARING ABSTRACT

Abstracts should be typed in a 3 x 7 inch space, such as provided below. The entire abstract, including title, author(s), institutional affiliation(s), text and acknowledgements must be typed within the rectangle. Single space all typing, leaving no top or left margins. Use black ink for Greek letters and symbols not on your typewriter.

Abstracts will be photographed just as you submit them, so please follow the suggested format. Use an electric typewriter, if possible, with a good ribbon and make neat corrections. Elite type is preferred. Practice typing the abstract in a 3x7 inch rectangle before using the form below. The lines will be cut away prior to reproduction.

Please send the ORIGINAL PLUS ONE COPY of your abstract to the Program Officer along with the Transmittal Form. (Joan S. Lockard, Ph.D., Department of Neurological Surgery, RI-20, University of Washington, Seattle, Washington 98195).

Your abstract should be organized as follows:

1. Title
Authors (see example below)
2. A sentence stating the specific objective(s) of the study unless indicated by the title.
3. A brief description of methods, if pertinent.
4. A summary of the results obtained.
5. A statement of conclusions.

OVARIAN HORMONES AND FOOD HOARDING IN SYRIAN GOLD HAMSTERS (Mesocricetus auratus)

Daniel Q. Estep, University of Georgia, and David L. Lanier and Donald Dewsbury, University of Florida

ABS ANNUAL MEETINGS: Several members have suggested that the annual meetings of the Society be held at some time other than during the summer field study season. At present, our annual meetings are held in June, which severely encroaches upon the field season's limited time. Alternative times suggested are May, late Aug., early Sept., late Dec., or early Jan. However, the first three alternatives often conflict with obligations to academic institutions, and the Dec. and early Jan. time frequently conflict with family obligations. Nevertheless, other organizations (such as the Federation, the ESA, the AIBS, the APA) meet around Christmastime despite family obligations.

The Executive Committee has asked an Ad Hoc Committee consisting of Pat Colgan (Queens Univ., Kingston, Ontario), Frank McKinney (Univ. of Minn., Minneapolis), Sievert Rohwer (Univ. of Wash., Seattle), Ben Sachs (Univ. of Conn., Storrs), and Marty Schein (W. Va. Univ., Morgantown) to examine the problem and recommend meeting time(s) that would be least inconvenient for the greatest number of members. The Committee is soliciting ideas and opinions from the members. Please return the enclosed form to Dr. Martin Schein before February 1, 1980.

One possible solution might be a reversion to two meetings a year, one of which was in association with another organization (e.g. ASZ, AAAS, AIBS), when the second meeting was geographically separated and at a time of year different from the Annual ABS meetings. An alternative would be to have local committees put on regional meetings independently of ABS which could be scheduled over extended weekends at any time of the year.

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My preference(s) for meeting arrangements are ranked as follows:

- Remain as is: one meeting, in June
- One national meeting in early Jan., ^(late) May, June, Aug., Sept., end of Dec. (circle one)
- One meeting in Sept. (adjusted to avoid conflict with IEC on alternate years) X
- Joint meeting with (AIBS) (usually end of Aug.) or ASZ (end of Dec.) (circle one)
- Two meetings per year, one alone in ^(late) May or June, and the other in conjunction with AIBS or (ASZ) (circle one)
- Two meetings per year, one with AIBS and the other with ASZ
- Other (specify)

Return to Dr. M. W. Schein, Dept. of Biology, West Va. Univ., Morgantown, W. Va. 26506 before February 1, 1980

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B A L L O T

For delegates to the U. S. Ethological Conference Committee

VOTE FOR 3 CANDIDATES

RONALD BARFIELD

LEE DRICKAMER

WILLIAM KEETON

DEVRA KLEIMAN

THOMAS MCGILL

FRANK MCKINNEY

This ballot should be mailed in an envelope bearing the voting member's name by 31 Dec. 1979 to:

Dr. Sidney Gauthreaux
Department of Zoology
Clemson University
Clemson, South Carolina 29631

POSITIONS OPEN: Field animal behavior. A tenure-track position at the assistant or associate professor level (without tenure) is available in the Section of Neurobiology and Behavior, Div. of Biological Sciences, Cornell Univ. Candidates should have carried out significant pre- and post-doctoral research in the area of field or social behavior. The position involves teaching in Cornell's undergraduate and graduate animal behavior curriculum, and the establishment of a vigorous research program. Applicants should provide a description of their field behavior experience, a curriculum vitae, and recent reprints. Letters of recommendation from three referees familiar with the applicant's teaching and research should be sent directly to Cornell. All inquiries and applications should be submitted to Dr. Stephen Emlen, Section of Neurobiology and Behavior, Cornell Univ., Ithaca, N. Y. 14853, by December 1, 1979. Equal Opportunity/Affirmative Action Employer.

Neurobiologist: A faculty position at the assistant professor level in developmental neurogenetics is available in the Dept. of Psychology, Univ. of Colorado. Individuals should have outstanding records or promise in teaching and research in the neurosciences and behavioral genetics. Special attention will be paid to the way in which the applicant's research and teaching interests complement those of current faculty members. Send a curriculum vitae, a statement of research and teaching interests and four letters of recommendation to Dr. James Wilson, Dept. of Psychology, Campus Box 345, Univ. of Colorado, Boulder, CO 80309, by November 30, 1979. Equal Opportunity/Affirmative Action Employer.

Biopsychologist: A tenure-track position at the assistant or associate professor level is expected to be available September, 1980 in the Dept. of Psychology, Univ. of Conn. for an individual who has demonstrated excellence in research (laboratory and/or field) with emphasis on the analysis of behavioral processes, preferably from an evolutionary perspective. Other selection criteria include a commitment to excellence in undergraduate and graduate teaching and success in obtaining extramural funds. Submit application, curriculum vitae, and three letters of recommendation to Prof. A. Robert Rollin, Biopsychology Search Director, Dept. of Psychology, Box U-20, Univ. of Conn., Storrs, CT 06268, by December 31, 1979. Equal Opportunity/Affirmative Action Employer.

ASSOCIATION FOR CHEMORECEPTION SCIENCES (AChemS): AChemS has been organized as a professional interdisciplinary society to foster communication among anatomists, biologists, chemists, behavioral scientists, clinicians, etc., who are interested in the chemoreception sciences. The first meeting, held in Sarasota, Fl. on April 23-26, 1979, attracted 173 participants. Maxwell M. Mozell (SUNY-Syracuse) has been elected Executive Chairman of AChemS, Thomas Getchell (Wayne State) and Steven Price (Virginia Medical College) are in charge of finances, and Rose Marie Pangborn (UC, Davis) and Gary Beauchamp (Monell, Philadelphia) constitute the membership committee. Yearly dues are \$20 (\$10 for students). The next meeting is scheduled for May 4-8, 1980 at the Sarasota Hyatt House. To join AChemS, send your name, area of interest, affiliation, address, telephone number, and a check for 1980 dues (payable to AChemS) to R. M. Pangborn, Food Science and Technology, Univ. of California, Davis, CA 95616 (916-752-2168).

ALLEE AWARD: The August Newsletter failed to mention that Patricia Gowaty, Clemson Univ., placed second and Brian Partridge, Oxford Univ., placed third in the 1979 Allee Award Competition at the ABS Annual Meeting in New Orleans.

OBITUARY: Dr. Donald W. Pyle died on June 8 as a result of injuries received from a fall while conducting a rattlesnake survey on Tongue Mountain near Lake George. Dr. Pyle, a member of the Biology Dept. at Skidmore College, received a B.S. from the Univ. of Illinois, and an M.S. and Ph.D. from Arizona State Univ. He was 30 years old.

SMALL MAMMALS AVAILABLE: Specimens of the following small mammals are available for non-traumatic behavioral research: rock cavy, Kerodon rupestris, punare, Cercomys cunicularis, bare-tailed opossum, Monodelphis domestica, and elephant shrew, Elephantulus rufescens. Interested persons should contact Devra Kleiman, National Zoological Park, Washington, D. C. 20008.

ASSOCIATION FOR BIOLOGY LABORATORY EDUCATION (A.B.L.E.): An international group of biologists involved in teaching undergraduate biology laboratories recently formed the Association for Biology Laboratory Education (A.B.L.E.). A.B.L.E.'s functions include publishing and disseminating material such as creative laboratory exercises presented at the annual workshop sessions, publishing a newsletter called Labstracts, and establishing a clearinghouse for laboratory teaching materials, exercises, organisms, and techniques. The second annual meeting will be held at the University of Illinois, Urbana, June 2-6, 1980. Dues are \$10 and membership is open to anyone involved or interested in laboratory instruction at the post-secondary level. Persons interested in joining A.B. L.E. or who wish further information should contact Rosalie Talbert, Treasurer, Dept. of Biology, Nassau Community College, Garden City, N. Y. 11530.

GRADUATE PROGRAMS IN ANIMAL BEHAVIOR - REVISED LISTINGS: Iowa State Univ., Ames, Iowa 50011. Dept. Animal Ecology, M.S. and Ph.D. L.B. Best, avian behav. ecol. and adapt. strategies. J.J. Dinsmore, avian behav. ecol. W.L. Franklin, mammal. socio-biol. (incl. S. Am. camelids). E.E. Klaas, avian behav. and bioenerget. G.J. Atchison, fish behav. and toxic. B.W. Menzel, behav. lower. verts. Dept. Psychology, M.S. and Ph.D. R.H. Peters, neurophys. mammal. feeding behav. R.H. Hughes, behav. pharmacol. Dept. Zoology, M.S. and Ph.D. M.D. Bachman, amphib, behav. ecol. K.C. Shaw, arthrop. acoust. behav. J.R. Carlson, horm. and neuroethol. insects. Y.N. Forbes, mammal. reprod. behav. College Veterinary Medicine, Ph.D. D. Draper, dog behav. D. Hopper, behav. pharm. and toxicol.

TAMARINS AVAILABLE: Several pairs of saddle-backed tamarins (Saguinus fuscicollis) are available on breeding loan for behavioral research. Interested persons should contact Dr. Gisela Epple. Monell Chemical Senses Center, 3500 Market Place, Philadelphia, PA. 19104 (215-243-5750).

D. G. Kleiman, Secretary
Animal Behavior Society
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