

NEWSLETTER

ANIMAL BEHAVIOR SOCIETY

SECTION (DIVISION) ANIMAL BEHAVIOR AND SOCIOBIOLOGY

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American Society of Zoologists  
Ecological Society of America

DIRECTION OF CORRESPONDENCE: Please direct DUES PAYMENTS and CHANGES OF ADDRESS to ABS TREASURER DONALD A. DEWSBURY, Department of Psychology, Psychology Building, University of Florida, Gainesville FL 32601; direct MEMBERSHIP INQUIRIES to John Fentress, Chairman of the Membership Committee, Department of Biology, University of Oregon, Eugene OR 97401; direct inquiries regarding the JOURNAL OR MONOGRAPHS to the TREASURER, or to the PUBLISHERS, Baillière, Tindall, 7 & 8 Henrietta St., London WC2E8QE; direct other correspondence to the Secretary, N.M. Jessop (address above).

NOMINATIONS FOR 1973 ELECTION OF OFFICERS: The Nominating Committee has submitted the following slate of candidates for the positions indicated:

Second President-elect: Dr. Arthur Myrberg, Jr., University of Miami  
Dr. Paul Siegel, Virginia Polytechnic Inst. & State Univ.

Program Officer: Dr. H. B. Graves, Pennsylvania State University  
Dr. Edward Price, Syracuse University

Member-at-Large: Dr. George B. Rabb, Chicago Zoological Park  
Dr. Benjamin D. Sachs, University of Connecticut

As announced in the May Newsletter, nominations may also be made by letter signed by five or more members in good standing and accompanied by an indication that the nominee is willing to serve. The nominating letter and accompanying statement should be received by the ABS Secretary prior to the October 25 Newsletter deadline. Vitae and ballots will appear in the November Newsletter.

ABS WINTER MEETINGS: A preregistration and housing reservation form for the winter meetings to be held December 27-30, 1973, in Houston, Texas, is enclosed with this Newsletter, and should be returned to the stated address as soon as possible. Your cooperation in preregistering for these meetings will greatly assist the American Society of Zoologists in organizing the meetings. Program information appears on the second page of this Newsletter.

GROUP FLIGHT RATES FOR THE HOUSTON MEETINGS: Eastern Airlines is the official airline for the Houston meetings. Group rates are available at a substantial discount to groups of fifteen or more travelling to Houston on the same flight from most large cities. Individuals may return separately. It is essential to inform the airline representative that a group rate is desired, using the code group designation "ASZ". It is suggested that local groups designate one member of the group to make air reservations for the group. For cities not served by Eastern Airlines, members may contact any airline and inquire about group rate rules (details of group size, etc., may vary).

SYNOPSIS OF PROGRAM OF ANIMAL BEHAVIOR SOCIETY MEETINGS, DECEMBER 27-30, 1973

Thursday, December 27

- 9:00 AM Symposium: Social Play in Mammals
- 9:00 AM Contributed Papers I. Communication
- 2:00 PM Symposium: Social Play in Mammals
- 9:00 PM Social Hour - Cash Bar

Friday, December 28

- 9:00 AM Contributed Papers II. Reproductive Behavior
- 9:00 AM Contributed Papers III. Orientation, Movement and Spatial Considerations
- 2:00 PM Contributed Papers IV. Social Organization
- 5:00 PM Animal Behavior Society Executive Committee Meeting (Headquarters Room)
- 7:30 PM Behavior Films (organized by Films Committee)

Saturday, December 29

- 9:00 AM Contributed Papers V. Physiology and Behavior
- 9:00 AM Contributed Papers VI. Ontogeny and Behavior
- 2:00 PM Contributed Papers VII. Behavioral Ecology
- 5:00 PM Animal Behavior Society Business Meeting

Our local representative is Herman Kleerekoper, Texas A & M University, College Station.

CALL FOR PAPERS FOR 1974 AIBS MEETINGS: Members of the Animal Behavior Society who also hold membership in the American Society of Zoologists or the Ecological Society of America are reminded that meetings of the Animal Behavior Section of the ESA or the Division of Animal Behavior and Sociobiology of the ASZ may be organized for any meetings of those societies in which the Animal Behavior Society itself is not participating. Any Section/Division member wishing to organize a program for future ASZ or ESA meetings may do so, and such activities may be coordinated through the Program Officer of the Animal Behavior Society.

The Animal Behavior Society will not meet with AIBS at Arizona State University, Tempe, June 16-21, 1974. However, members of the Animal Behavior Section of the Ecological Society of America are invited to contribute papers for the meetings by submitting titles and abstracts to C. Richard Terman, Program Officer, Animal Behavior Section (ESA), Laboratory of Population Ecology, College of William and Mary, Williamsburg VA 23185. Titles with abstracts should be typed double-spaced on a sheet of paper separate from the letter of transmittal. The abstract must not exceed 150 words for publication in the BULLETIN of the Ecological Society. An original and two copies should be submitted to Dr. Terman. The DEADLINE for receipt of titles and abstracts is January 31, 1974.

The format of abstracts should be: Title, author and affiliation, time needed (10 or 15 minutes - 5 minutes discussion time will be added), type of illustrations if any (2 x 2 slides or 16 mm movie only), and text not to exceed 150 words. An example follows:

Song programming in the songbird genus *Passerella*. James A. Mulligan, Department of Zoology, St. Louis University, St. Louis, Mo. (15 min., illus. 2 x 2 slides).

A survey of the song of.....(150 words or less).....

Authors will be notified of their position once the program is prepared if they enclose with their abstracts a self-addressed and stamped postcard.

**ABS FELLOWS:** The following members have been elected as Fellows of the Animal Behavior Society:

Jerry Hirsch	Charles Southwick
Peter Marler	Allen Stokes
Martin Schein	

New Fellows are elected in alternate years by the Executive Committee from a slate of nominees submitted by active Fellows and members of the Executive Committee.

**WARDER CLYDE ALLEE AWARD FOR 1973:** The 1973 winner of the Warder Clyde Allee Award for the best student paper was Frederick Cardini, Department of Psychology, University of Massachusetts, Amherst, Massachusetts, for his paper entitled, "Characteristics and adaptedness of feeding behaviors of North American anurans." Eighteen papers were submitted for the competition. Honorable mention went to C. Val Grant, Utah State University, Michael Landauer, University of Illinois, and Harry W. Power, University of Michigan. Please watch the Newsletter for the announcement of the 1974 Competition.

**ANIMAL BEHAVIOUR PUBLICATION COSTS:** Increased costs of publication will soon necessitate an increase in the journal subscription rates for Animal Behaviour. An increase of \$2.50 per year is projected for 1975. In order to cover these costs, the Animal Behavior Society will have to consider a subscription increase or a dues increase for 1975. This matter will be brought for discussion to the ABS business meeting at Houston on December 29, 1973, where your input will be solicited.

**IMPORTANT NOTICE CONCERNING ANIMAL BEHAVIOUR AND ANIMAL BEHAVIOR MONOGRAPHS:** Editor Jack P. Hailman has submitted the following report for publication herein:

"The Association for the Study of Animal Behaviour, which owns the copyright on both Animal Behaviour and Animal Behaviour Monographs, presented a bleak financial picture of the latter periodical to ABS officers in August. ASAB, as a courtesy to ABS, asked for concurrence in their decision to cease publishing the Monographs. After considerable discussion of the facts, those members of the ABS Policy Committee and Executive Committee who were gathered at the International Ethological Conference concurred in the ASAB decision.

"Animal Behaviour Monographs will cease as of the last 1973 monograph. Four manuscripts accepted for publication subsequent to that time are being revised, shortened or broken up into separate papers by their authors to be published in Animal Behaviour. Beginning with 1974, Animal Behaviour will be increased in size by between one-quarter and one-third. Beginning immediately, manuscripts of any length will be considered for publication in Animal Behaviour by the Editors, but a special editorial stress will be placed upon scrutinizing the length of a manuscript relative to its informational content and general importance to ethology.

"Father James Mulligan, whose appointment as American Editor for the Monograph series had been confirmed at the June ABS meeting, will remain on the Editorial Board of Animal Behaviour, and will also assume new duties as the Book Review Editor on this side of the Atlantic. All manuscripts and correspondence from the U.S. and Canada should be sent to me at the Department of Zoology (Birge Hall), University of Wisconsin, Madison, Wi. 53706 --- Jack P. Hailman."

**DUES NOTICES FOR 1974:** In order to minimize delays in transmission of the journal, the decision was taken at the June meetings to request earlier payment of annual membership dues. Accordingly, dues renewal notices for 1974 will be mailed out during October. Membership application forms for prospective members will be enclosed with the November Newsletter.

**ABS SYMPOSIUM AT THE AAAS MEETINGS OF 1974:** Although the Animal Behavior Society will not sponsor contributed papers at the AAAS meetings in San Francisco on February 24 to March 1, 1974, the Society will sponsor a symposium on "The Use of Zoos in Animal Behavior Research." The symposium has been organized by Dr. Gary Greenberg of the Department of Psychology, Wichita State University and Sedgwick County Zoological Park, Kansas. It will be held in two 3-hour sessions, with 20 minute presentations planned for ten speakers. Discussions will follow each paper. An informal session in the evening or following day is planned to allow greater interaction between speakers and the audience. A synopsis of the symposium follows:

Introduction:

H. Hediger (tentative) "Zoos as Observation Grounds"

Research Methods:

S. Adams and G. Babladelis "Ape Behavior in Various Zoo Enclosures" (tentative)  
R. Eaton "Behavioral Research in Drive-thru Zoos"  
P. Ogilvie "Research Appropriate to the Zoo Environment"  
A. Stokes "Do Not Disturb the Animals"

Research with Different Species:

D. Rumbaugh "A Primate Behaviorist in a Zoo"  
J. Shapiro "The Use of Zoological Parks in Avian Research"

Zoo-Related Concerns:

B. Beck "Behavioral Research in Zoos: Opportunities and Problems"  
E. Klinghammer "The Role of Zoo and Wildlife Park Personnel in Behavior Research, and Its Relation to Education"  
K. Mehren "Veterinarian Considerations in Behavior Research in Zoos" (tentative)

**1972 MIDWESTERN REGIONAL MEETING; A "LATE" REPORT:** The ninth annual Midwestern Regional Meeting of the Animal Behavior Society was held on October 20-21, 1972, at Indiana State University. The attendees were welcomed by Dr. John J. Corrigan, Associate Dean of the College of Arts and Sciences. Dr. Jerry Hirsch delivered the invited address. The title of his presentation was, "An Editor's Valedictory: Publishing Seen from the Standpoint of the Establishment." Symposia were held on the teaching of animal behavior, behavioral rhythms and cycles, and methodology in behavioral research. In addition, a demonstration of computer-based teaching programs and methods and a film relating to the ecology of snow geese were presented. As usual, however, the bulk of the Meeting was taken up with round table discussions on a wide variety of topics. An innovation was the use of graduate and undergraduate students as co-moderators, with "staff", of the discussion sessions. Approximately 200 people attended the Meeting.

**1973 MIDWESTERN REGIONAL MEETING:** The 1973 Midwestern Regional Meeting will be held on November 2 and 3. It will be hosted by Miami University (of Ohio). For information contact Dr. Douglas H. Taylor, Chairman, Local Committee, Animal Behavior Meeting, Department of Zoology, Miami University, Oxford, Ohio 45056.

**ADDITIONAL SYMPOSIA FOR THE HOUSTON MEETINGS:** Two additional symposia are being sponsored by societies participating in the Houston meetings in December. "Recent Advances in the Biochemistry of Kinetoplastidae" is being arranged by George C. Hill for the Society of Protozoologists, and "Perspectives on the Biology of Dormancy" is being arranged by John H. Bushnell for the American Microscopical Society.

**FUTURE ABS MEETINGS:** By action of its Executive Committee, the Animal Behavior Society will meet independently May 24 through May 27, 1974, at the University of Illinois at Urbana. These meetings will be organized by Dr. Edwin M. Banks of the Department of Zoology and Dr. Jerry Hirsch of the Department of Psychology. The Society will also meet independently in 1975 at the University of North Carolina at Wilmington, North Carolina.

**AIBS REPRESENTATIVE:** ABS President John Eisenberg has announced the appointment as the Society's representative to AIBS, of Dr. Irwin Bernstein of the Department of Psychology, University of Georgia, Athens, Georgia. Dr. Bernstein succeeds Dr. James Mulligan of St. Louis University in this capacity.

**RECOMMENDED CONSTITUTIONAL AMENDMENT:** The following proposed constitutional amendment, involving addition of a new Section to Article 8 of the ABS Constitution, was approved by the ABS Executive Committee at the June meetings. Its intent is to clarify certain aspects regarding the selection of ABS Fellows. This amendment now requires ratification by mail ballot of the membership with an affirmative vote of two-thirds of the returned ballots:

**Article 8. Elections**

**Section 1. (Present Article 8.)**

**Section 2. Election of Fellows**

- a. Election of Fellows shall be conducted in alternate years by mail ballot.
- b. The number of Fellows shall not exceed 5% of the active membership.  
(Article 3 must also reflect this change.)
- c. Nomination of Fellows shall be from the list of members in good standing of the Animal Behavior Society.
- d. Present members of the Executive Committee are not eligible for nomination.
- e. Each active Fellow and each member of the Executive Committee may nominate one prospective Fellow.
- f. The Executive Committee shall elect a maximum number of Fellows in each election, as determined by the President of the Society. This number shall not exceed the limit specified in Section 2b.

Please detach the ballot provided below and return in an envelope bearing your name and address NO LATER THAN DECEMBER 5, 1973, to ABS Secretary N.M. Jessop, Department of Biology, United States International University, San Diego CA 92131.

**M.X. ZARROW SCHOLARSHIP FUND:** The former graduate students of the late Professor M.X. Zarrow are establishing a Scholarship Fund in his memory, at the University of Connecticut. This fund will support both undergraduates and graduate students in the biobehavioral and biological sciences. Those who may wish to contribute to this fund may mail contributions directly to Mr. Clark Bailey, President's Office, University of Connecticut, Box U48, Storrs, Connecticut 06268. Checks should be made payable to "The M.X. Zarrow Scholarship Fund."

**LEARNING AND MOTIVATION:** J. Bruce Overmier, Professor of Psychology at the University of Minnesota and new Editor of the journal Learning and Motivation, wishes to announce to ABS members that a shift has taken place in the editorial policies of that journal, in terms of expanding the range of materials to be published. In particular, while continuing to publish traditional papers on animal learning and motivation, additional space and attention will be given to (a) ethological factors in the analysis of learning and motivation, (b) biological constraints upon learning, and (c) research with human subjects which contributes to general psychological theory. The basic goals of the journal remain the same, namely, "the promotion of basic research into the phenomena of learning and motivation and the development of integrative theory to account for the phenomena." All manuscripts should be sent to the Editor, J. Bruce Overmier, Department of Psychology, University of Minnesota, Minneapolis, Minnesota 55455.

**"DEVELOPMENT OF BEHAVIOR IN THE DUCK EMBRYO":** The 21-minute 16 mm color film of this title, prepared by Gilbert Gottlieb and Zing-Yang Kuo, is now available for rental (\$7.60) or sale (\$200.00) through the Psychological Cinema Register of the Pennsylvania State University, 6 Willard Building, University Park, PA 16802. The film depicts the opening of a Peking duck egg, and embryonic activity is observed throughout the 27-day development period. Five conclusions are drawn from the study. The order number for the above film is PCR-2143K.

**DEADLINE FOR NOVEMBER NEWSLETTER:** October 25, 1973. (Due to space limitations, certain items submitted for the present issue will appear instead in the November issue.)

ADVANCE REGISTRATION AND HOTEL RESERVATIONS FORM

AMERICAN SOCIETY OF ZOOLOGISTS ANIMAL BEHAVIOR SOCIETY SOCIETY OF PROTOZOOLOGISTS  
AMERICAN MICROSCOPICAL SOCIETY SOCIETY FOR THE STUDY OF EVOLUTION

ANNUAL MEETING DECEMBER 27-30, 1973 HOUSTON, TEXAS

ATTACH A CHECK OR MONEY ORDER FOR THE REGISTRATION FEE (\$7.50 FOR GRADUATE STUDENTS AND \$15 FOR ALL OTHERS) AND MAIL THIS FORM TO: MARY WILEY, AMERICAN SOCIETY OF ZOOLOGISTS, P. O. BOX 678, MOORPARK, CA. 93021. REGISTRATION BADGES WILL BE REQUIRED FOR ADMISSION TO ALL SESSIONS. HOTEL RESERVATIONS RECEIVED AFTER DECEMBER 14 CANNOT BE ASSURED, BUT LATE ARRANGEMENTS MAY BE ATTEMPTED BY CALLING MRS. WILEY AT (805) 529-2475.

REGISTRATION

PRIMARY AFFILIATION (CHECK ONE ONLY)

REGISTRATION STATUS

- AMERICAN SOCIETY OF ZOOLOGISTS
ANIMAL BEHAVIOR SOCIETY
SOCIETY OF PROTOZOOLOGISTS
AMERICAN MICROSCOPICAL SOCIETY
SOCIETY FOR THE STUDY OF EVOLUTION

- GRADUATE STUDENT @ \$7.50
OR
REGULAR @ \$15.00

NAME

HOME ADDRESS (FOR RECEIPT OF PROGRAM AND BADGE)

INSTITUTION OR COMPANY AFFILIATION AND ADDRESS

CONVENTION ADDRESS: RICE HOTEL OR OTHER

HOTEL RESERVATION

ROOM RATES: SINGLE @ \$11.50 DOUBLE @ \$7.50/PERSON
TRIPLE @ \$ 6.50/PERSON QUADRUPLE @ \$5.50/PERSON

NAME (INDIVIDUAL REQUESTING RESERVATION)

ADDRESS

ARRIVAL: DATE ; A.M. OR P.M. (HOTEL RESERVATIONS WILL BE HELD ONLY UNTIL 6 P.M. UNLESS OTHERWISE SPECIFIED)
DEPARTURE: DATE ; A.M. OR P.M.

NUMBER IN PARTY . SHARING THIS ROOM WILL BE (LIST NAME AND ADDRESS OF EACH PERSON INCLUDING YOUR OWN):