

NEWSLETTER

ANIMAL BEHAVIOR SOCIETY

SECTION (DIVISION) ANIMAL BEHAVIOR AND SOCIOBIOLOGY

Nancy M. Jessop, Editor  
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San Diego, California 92131

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 inquiries regarding the JOURNAL to the publishers, Baillière, Tindall, 7 & 8 Henrietta St., London WC2E8QE; direct other correspondence to the Secretary, N.M. Jessop (address above).

ELECTION OF NEW OFFICERS: Vitae of nominees for the offices of Second President-Elect, Program Officer, and Member-at-Large, appear elsewhere in this Newsletter. The slate of nominees remains as submitted by the Nominating Committee and announced in the August issue of the Newsletter:

Second President-Elect:	Dr. Arthur Myrberg, Jr. Dr. Paul Siegel
Program Officer:	Dr. H. B. Graves Dr. Edward Price
Member-at-Large:	Dr. George Rabb Dr. Benjamin Sachs

The enclosed BALLOT should be returned to the Secretary, N.M. Jessop, NO LATER THAN DECEMBER 15!

CALL FOR PAPERS FOR 1974 ABS MEETING AT UNIVERSITY OF ILLINOIS: The Animal Behavior Society will meet May 24-27, 1974, at the University of Illinois, Urbana-Champaign. Society members are invited to contribute papers for the meeting. 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. An original and two copies should be submitted to C. Richard Terman, Program Officer, Animal Behavior Society, Laboratory of Population Ecology, College of William and Mary, Williamsburg, VA 23185. The DEADLINE FOR RECEIPT OF TITLES AND ABSTRACTS IS APRIL 1, 1974! No printed transmittal or abstract forms will be sent out. 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 songs of.....(150 words or less)....."

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

**ANIMAL BEHAVIOR SOCIETY BEST STUDENT PAPER AWARD:** The competition for the 1974 Warder Clyde Allee Award for the best student paper of the year will be held at the ABS meetings scheduled for 24-27 May 1974 at the University of Illinois, Urbana-Champaign. Any student completing a Master's or Ph.D. degree relating to animal behavior during 1974 is eligible. Judging will be based on both the written paper and the oral presentation at the meeting. The written paper should not be an entire thesis but should cover only the material included in the oral presentation. Its length should be compatible with that of the oral presentation, 15 to 20 minutes. Manuscripts should be sent in triplicate to Dr. Jerry Hirsch, Department of Psychology, University of Illinois, Champaign, Illinois 61820, no later than April 1, 1974. A panel of judges will read the manuscripts and attend the oral presentation of the papers. The winner will be announced at the ABS banquet. All students entering this competition are reminded that they must also meet the April 1 deadline for submission of titles and abstracts to the Program Officer, as indicated on the preceding page.

**POSITIONS OPEN:**

(1) The UNIVERSITY OF CHICAGO's Department of Biology invites applications for a faculty appointment in the area of behavioral biology. The University is an equal opportunity employer. Selection will be made on the basis of excellence and vigor in research and teaching. Applicants should forward the following material by December 31, 1973: (i) curriculum vitae, including bibliography and reprints; (ii) names, addresses and telephone numbers of five references, and (iii) a summary, not to exceed two typed pages, of your current research plans and long-term goals. Material should be sent to Professor Hewson Swift, Chairman, Department of Biology, The University of Chicago, Chicago, Illinois 60637.

(2) The Department of Biology at the UNIVERSITY OF MISSOURI-ST. LOUIS announces an opening beginning August, 1974. Rank and salary are open and will be commensurate with experience. Applicants should be able to teach basic animal behavior, but the area of research is open. For example, individuals working on behavioral problems in physiology, genetics, ecology or evolutionary biology are welcome. The University is an equal opportunity employer. Applications from women and minority group members are especially encouraged. Send curriculum vitae, three letters of recommendation, and reprints of publications to Dr. Lawrence D. Friedman, Department of Biology, University of Missouri-St. Louis, 8001 Natural Bridge Road, St. Louis MO 63121.

(3) The UNIVERSITY OF TENNESSEE announces a staff opening in its Department of Psychology, at the Associate or Full Professor level in the general area of biological psychology or related neuroscience fields. Applicants will be expected to teach undergraduate courses, direct graduate students, and develop a research program. The Department of Psychology currently has a training grant in Comparative and Physiological Psychology. Applications with curriculum vitae and references should be sent to Dr. William H. Calhoun, Head, Department of Psychology, University of Tennessee, Knoxville, Tennessee 37916

**CURRENT ISSUES IN COMPARATIVE PSYCHOLOGY:** Early in 1974 the New York Academy of Sciences will publish as one of its regular annals the proceedings of a conference on current issues in comparative psychology. This conference was organized by Dr. Helmut Adler, Dr. Leonore Adler, and Dr. Ethel Tobach. It took place in 1972 at the International Psychological Congress and meetings of the American Psychological Association held in Tokyo and Honolulu.

**DEADLINE FOR THE FEBRUARY NEWSLETTER:** January 15, 1974.

ANNUAL FINANCIAL STATEMENT OF THE ANIMAL BEHAVIOR SOCIETY:

STATEMENT OF  
CASH RECEIPTS AND DISBURSEMENTS  
JANUARY 1, 1972 THROUGH DECEMBER 31, 1972

RECEIPTS

ABS Membership Dues - Student	\$ 3,399.42	
ABS Membership Dues - Regular	14,465.20	
Subscriptions - ESA	3,142.50	
Subscriptions - ASZ	1,335.00	
Interest Income	1,093.59	
Laboratory Manual Royalties	652.72	
Miscellaneous	896.00	\$24,984.43

DISBURSEMENTS

Association for the Study of Animal Behaviour	\$ 7,920.00	
American Institute of Biological Science	500.00	
Newsletter	657.72	
Membership Lists	402.01	
Office Expenses	843.88	
Editor	4,200.00	
Meeting and Program Chairman	1,858.58	
Treasurer	449.30	
Secretary	26.16	
Duplicate Dues Refunded	70.50	
Education Committee	628.51	
Miscellaneous	150.00	17,706.66

CASH RECEIPTS IN EXCESS OF CASH DISBURSEMENTS

\$ 7,277.77

CASH BALANCE - JANUARY 1, 1972

First National Exchange Bank of Virginia - Checking	\$ 5,458.79	
First National Exchange Bank of Virginia - Savings		
Certificates	9,000.00	
First National Bank of Virginia - Savings Account	5,353.54	
First Federal Savings and Loan - Savings Account	7,115.07	26,927.40

CASH BALANCE - DECEMBER 31, 1972

First National Exchange Bank of Virginia - Checking	\$ 5,867.97	
First National Exchange Bank of Virginia - Savings		
Certificates	9,225.00	
First National Exchange Bank of Virginia - Savings Account	5,626.26	
First Federal Savings and Loan - Savings Account	13,485.94	\$34,205.17

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LION SOCIAL BEHAVIOR: Research is now in progress at Lion Country Safari, Grand Prairie, Texas, on interpride and intrapride social behavior of semicaptive lions (Panthera leo). Dr. Garvin McCain, Dr. James Miller and John Eastman, of the Psychology Department of the University of Texas at Arlington, are studying territoriality, dominance relationships, mating behavior and intrapride daily activities of adult lions. A study of territoriality and dominance relationships of semicaptive black buck (Antelope cervicapra) will begin shortly. For further information regarding research opportunities contact Lion Country Safari or Dr. McCain.

VITAE OF NOMINEES FOR ELECTIVE POSITIONS OF THE ANIMAL BEHAVIOR SOCIETY:

FOR SECOND PRESIDENT-ELECT

**ARTHUR A. MYRBERG, JR.**

Birthdate: June 28, 1933

Education: A.B. 1954 Ripon College, Ripon, Wisconsin  
M.S. 1958 University of Illinois, Champaign  
Ph.D. 1961 University of California at Los Angeles  
N.I.H. Fellow with Konrad Lorenz, Max-Planck-Institute for Behavioral Physiology, Seewiesen, West Germany, 1961-64

Present Position: Professor of Marine Science, Rosenstiel School of Marine and Atmospheric Science, University of Miami, Miami, Florida

Research Interests: Behavior of marine animals, especially reef fishes and sharks. Special areas include social behavior of damselfishes and carcharhinid sharks, bio-acoustics and sensory mechanisms underlying behavior.

**PAUL B. SIEGEL**

Birthdate: November 19, 1932

Education: B.S. 1953 University of Connecticut  
M.S. 1954 Kansas State University  
Ph.D. 1957 Kansas State University

Present Position: Professor, Virginia Polytechnic Institute & State University

Research Interests: Behavior genetics

Society Interests: Treasurer and member of ABS Executive Committee, 1967-1972.

FOR PROGRAM OFFICER

**H. B. GRAVES**

Birthdate: March 7, 1943

Education: B.S. and Ph.D., Virginia Polytechnic Institute & State University

Present Position: Assistant Professor of Animal Behavior, Department of Poultry Science, The Pennsylvania State University

Research Interests: Theoretical and applied aspects of vertebrate social behavior, including simulation, model building and development of analytical techniques as well as field and laboratory studies on vertebrate social systems. Current research concerns comparative ethology of gallinaceous birds, imprinting, and concepts of levels of organization as related to behavior.

Society Interests: Especially interested in promoting effective professional and personal communication among members of the Society.

**EDWARD O. PRICE**

Birthdate: July 24, 1938

Education: B.A. 1960 College of Wooster (Psychology)  
M.S. 1963 Michigan State University (Zoology)  
Ph.D. 1967 Michigan State University (Zoology)

Present Position: Associate Professor of Zoology, State University of New York College of Environmental Science and Forestry, Syracuse

Research Interests: Effects of domestication (as an evolutionary process) on behavior. Currently studying the impact of the laboratory environment on the behavior of the Norway rat.

Society Interests: Chairman, Education Committee, 1972 to present. Editor (with Allen Stokes) of the second edition of Animal Behavior in Laboratory and Field (in press).

FOR MEMBER-AT-LARGE

GEORGE B. RABB

Birthdate: January 2, 1930

Education: B.S. 1951 College of Charleston (with Honors)  
M.A., 1952, and Ph.D., 1957, University of Michigan (Zoology)  
McIver Scholarship, College of Charleston, 1947-51  
University Scholar, University of Michigan, 1951-52  
University Fellow, University of Michigan, 1952-54

Present Positions: Associate Director of Research and Education, Chicago Zoological Park, 1964-- ; Deputy Director, Chicago Zoological Park, 1969-- ; Lecturer, Department of Biology, University of Chicago, 1965-- ; Faculty Associate, Center for Graduate Studies, Field Museum of Natural History, 1969-- ; Research Associate, Field Museum of Natural History, 1965 --.

Publications: Author of about 30 technical papers on taxonomy of amphibians and reptiles, and behavior of mammals, reptiles, and amphibians. Advisor or contributor to Encyclopedia Britannica, World Book Yearbook, and Standard Education Encyclopedia.

BENJAMIN DAVID SACHS

Birthdate: March 4, 1936

Education: B.A. 1957 City College of New York (Psychology, with Honors)  
M.S. 1961 City College of New York (Education)  
Ph.D. 1966 University of California, Berkeley (Psychology)  
USPHS Predoctoral Fellow, University of California, Berkeley, 1963-66  
USPHS Postdoctoral Fellow, Institute of Animal Behavior, Rutgers - The State University, Newark, New Jersey

Present Positions: Associate Professor, Department of Psychology, University of Connecticut; Member, Advisory Board, Current Contents/Life Sciences.

Research Interests: Development and psychobiology of sexual and maternal behavior; social behavior in ecological perspective.

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**SYMPOSIUM ON SOCIAL PLAY IN MAMMALS:** The Symposium on Social Play in Mammals which has been organized for the ABS meetings in Houston, will take place on Thursday, December 27. Morning presentations will include "Anthropological views of play", by Edward Norbeck; "Social play in young human primates", by Mary E. Knudson; "The socializing function of play", by Frank Poirier and Euclid O. Smith; "Development of play in a social situation of rhesus macaques", by Gilbert W. Meier and V.D. Devanney; "Play by the adult males and infants in Macaca mulatta", by Bill Redican and Gary Mitchell; "Exploration and play in squirrel monkeys (Saimiri): An integration of comparative data and theory", by John and Janice Baldwin; and "Structure and function in the aggressive play of rhesus monkeys, M. mulatta", by Donald Symons. Marc Bekoff of the University of Missouri, St. Louis, will introduce and preside.

The afternoon session will include "Play and play-soliciting in canids", by Marc Bekoff; "Eliciting and soliciting play", by Susan Wilson and Devra Kleiman; "Identifying the characteristics of social play in Ursus americanus", by Dave Henry and S. M. Herrero; "The development of territorial behavior through play in the Steller sea lion", by Roger L. Gentry; "Is the concept of play useful for understanding the development of behavior between ferrets?", by J. Wayne Lazar, Gordon D. Beckhorn, and R. Small; "Play in the meerkat, Suricata suricatta", by Chris Wemmer and Mary Jo Fleming; and "Play in the domestic cat", by Meredith J. West. An open discussion follows.

**NEW FILM:** "Passengers or Partners?", a 40-min. colored 16 mm film by D. M. Ross, is now available for purchase (approximately \$250) or rental. The film reviews the behavior of various sea anemones and crabs that live in symbiotic associations in different parts of the world. It includes the results of experiments showing how these partnerships are established, analyzing the behavior patterns of the participants and demonstrating the possible significance against predation by octopus. The film may be purchased from Dr. Ross at the Department of Zoology, University of Alberta, Edmonton, Canada T6G 2E9, or rented from the Film Library at Pennsylvania State University, University Park, PA 16802.