

MAY 1976

NEWSLETTER

ANIMAL BEHAVIOR SOCIETY

SECTION (DIVISION) ANIMAL BEHAVIOR AND SOCIOBIOLOGY

Benjamin B. Beck, Secretary
Chicago Zoological Society
Brookfield, Illinois 60513

American Society of Zoologists
Ecological Society of America

The 1976 ABS meeting will be held June 20-25 at the University of Colorado, Boulder. Registration and housing information appeared in the February 1976 Newsletter. Questions related to the program should be directed to Edward Price (Department of Zoology, SUNY College of Environmental Science and Forestry, Syracuse, New York 13210). Questions related to the meeting should be directed to Marc Bekoff (Department of EPO Biology, University of Colorado, Boulder, Colorado 80302) or to the Bureau of Conferences and Institutes, Academy 217, 970 Aurora Avenue, University of Colorado, Boulder, Colorado 80309).

NEW JOURNALS:

Behavioural Processes, an international journal of comparative and physiological ethology, whose purpose "is to provide additional space for publication in the field of ethology, in particular to bring together studies from diverse scientific disciplines, which are relevant to the understanding of fundamental behavioural processes in organisms ranging from single-celled bodies right through to primates, including man". Editor-in-chief is G. Thines and publisher is Elsevier. For further information, instructions to authors, and a specimen copy, contact Elsevier Scientific Publishing Company, P.O. Box 211, Amsterdam, The Netherlands.

Behavioral Ecology and Sociobiology "will publish original contributions and short communications dealing with quantitative studies and with the experimental analysis of animal behavior on the level of the individual and of the population. Special emphasis will be given to the functions, mechanisms and evolution of ecological adaptations of behavior". Editors are J. Crook, B. Holldobler, H. Kummer, and E.O. Wilson; publisher is Springer-Verlag. For further information, instructions to authors, and a sample copy contact Springer-Verlag, Promotion Department, Heidelberger Platz 3, D-1000 Berlin 33.

ADVICE WANTED on possible improvements in the journal coverage of Current Contents/Life Sciences. As a member of the CC/LS advisory board I've had some success in improving the coverage, but some important journals, e.g., Zeitschrift fur Tierpsychologie, are still not included. The CC/LS publishers are open to scientists' opinions. My advice can be more informed and forceful if it is supported by letters from other investigators. Correspondence address: Benjamin Sachs, Department of Psychology, U-20, University of Connecticut, Storrs, Connecticut 06268 USA.

SYMPOSIUM:

The Section of Ecology and Systematics, Cornell University, will host a mini-symposium on "Fish Community Structure", 18-19 May 1976. Persons interested in exchanging ideas on ecological and behavioral factors influencing the structure of freshwater and marine communities are invited. The meetings will consist of a series of presentations and discussions in Clark Hall, Room 701, on the Cornell campus. Invited speakers include A.R. Emery, A. Keast, E.S. Hobson, J. Ogden, P. Sale and C.L. Smith. For more information contact: Chairman, Section of Ecology and Systematics, Cornell University, Ithaca, New York 14853 (Phone 607-256-4522).

THE MIDWEST REGIONAL MEETING of the ABS will be held November 12-14, 1976 at the University of Illinois, Chicago Circle Campus. The following is a resume and tentative titles of the four symposia that will be offered on Saturday the 13th.

I. QUANTITATIVE METHODS IN BEHAVIOR

CHAIRMAN - Dr. Brian Hazlett, University of Michigan, Ann Arbor; "An Approach to Predicting Behavioral Relationships".

PARTICIPANTS - Ron Westman, University of Michigan; "Environmental Languages and the Functional Bases of Animal Behavior". Wayne P. Aspey, University of Texas, Galveston; "Spiders and Snails and Statistical Tales: Applications of Multivariate Analysis to Diverse Ethological Data". Marc Bekoff, University of Colorado, Boulder; "Quantitative Studies of Some Classical Ethological Problems". June Steinberg, University of Illinois, Chicago; "Information Theory as a Tool in Analysis of Animal Communication".

II. VERTEBRATE BEHAVIORAL ECOLOGY: ALLOCATION OF RESOURCES

CHAIRMAN - Dr. Gerald Svendsen, Ohio University, Athens; "Ground Squirrels".

PARTICIPANTS - Doug Taylor, Miami University, Oxford; "Amphibians". OTHERS TO BE ANNOUNCED.

III. MULTIDISCIPLINARY PERSPECTIVES ON TOOL BEHAVIOR

CHAIRMAN - Dr. Benjamin B. Beck, Chicago Zoological Park, Brookfield, Illinois; "Tool Behavior in Nonhuman Animals".

PARTICIPANTS - Russell Tuttle, University of Chicago; "Manipulation and Tool Behavior" (tentative title). Richard Klein, University of Chicago; "Archeological Evidence for the Origins and Evolution of Tool Use in Hominids". Larry Fitzpatrick, University of Minnesota; "Tool Use in Young Children" (tentative title).

IV. PERCEPTION OF SPECIES - SPECIFIC VOCALIZATIONS: FROM PRIMATES TO HUMAN INFANTS

CHAIRMAN - Dr. Phillip Morse, Wisconsin Regional Primate Center, Madison; "Human Infant Speech Perception".

PARTICIPANTS - Charles Snowdon, University of Wisconsin, Madison; "Perception of Marmoset Vocalizations by Marmosets and by Humans". David Pisor, Indiana University, Bloomington; "Adult Human Perception of Speech and Non-Speech". Patricia Kuhl, University of Washington, Seattle; "Human Speech Perception in chinchillas". Michael Beecher (speaker), Steve Zoloth, Michael Peterson, University of Michigan and Rockefeller University; "Macaque Perception of Con-Specific Vocalizations".

A banquet is scheduled for Saturday night at The Como Inn, a nearby Chicago Landmark restaurant, known for its excellent Italian menu. Dr. Eliot Spiess, University of Illinois, Chicago will be the plenary speaker. His topic will be, "Is Behavior Genetics Research 'Worth Doing?'".

Contributed papers will be accepted for the Sunday morning session. Titles and abstracts should reach the address below by 1 September. More complete details and registration materials will be sent to midwest members in July.

We are planning to have abstracts of the proceedings available to those attending the meeting. However, if other members wish to receive copies, please send a large, self-addressed envelope with 39¢ postage to:

Dr. Gary Hyatt
Department of Biological Sciences
Box 4348
University of Illinois at Chicago Circle Campus
Chicago, Illinois 60680.

CALL FOR INTERESTED PARTICIPANTS IN THE XVth International Ethological Conference, Bielefeld, Germany; 10 days, late August, 1977 (will end before September 1, 1977).

Preparations for the 1977 Ethological Conference are now underway. Membership in the conference is by invitation only. It is the responsibility of the U.S. delegation to the International Ethological Committee to select the U.S. membership to the Conference. To this end, the following questionnaire is provided to help us assemble a list of prospective participants. The list will be evaluated by the U.S. delegation of I.E.C., and a final list of invitees will be selected.

Name

Department

University

_____ If invited, would/would not like to present a contributed paper, poster display, or participate in round table discussions.

_____ If invited, would/would not have resources to attend the meeting.

Specific area of interest:

Years since Ph.D. awarded (or to be awarded):

Please return form to: Dr. Edwin M. Banks, Department of Ecology, Ethology and Evolution, University of Illinois, Urbana, Illinois 61801. May 31, 1976
DEADLINE.

Note: Canadian members of ABS send this form to Dr. C. Groot, Pacific Biological Station, Box 100, Nanaimo, B.C. V9R 5K6, Canada, or to Dr. J. A. Hogan, Department of Psychology, University of Toronto, Toronto M5S 1A1, Ontario, Canada.

ANNUAL FINANCIAL STATEMENT OF THE ANIMAL BEHAVIOR SOCIETY

Statement of Cash Receipts and Disbursements
January 1, 1975 Through December 31, 1975

BEGINNING CASH, JANUARY 1, 1975:

First Federal Savings and Loan Association of Mid-Florida, Gainesville, Florida	\$20246.87	
University City Bank, Gainesville, Florida	20247.21	
The Atlantic First National Bank of Gainesville, Gainesville, Florida	<u>9455.06</u>	
TOTAL BEGINNING CASH		\$49949.14

CASH RECEIPTS:

Regular Membership Dues	\$18792.50	
Student Membership Dues	6385.92	
ESA Subscriptions	4035.00	
Energy Research and Development Administration	2250.00	
ASZ Subscriptions	2190.00	
Interest	1955.56	
Miscellaneous	465.02	
Royalties	234.55	
Member Lists	160.00	
Editorial Fees	<u>65.00</u>	
TOTAL CASH RECEIPTS DURING YEAR		<u>\$36513.55</u>
TOTAL CASH AVAILABLE DURING YEAR		\$86462.69

CASH DISBURSEMENTS DURING YEAR:

Association For The Study of Animal Behavior	\$12918.00	
Salaries	6122.05	
Wolf Symposium	2250.00	
Newsletter	1518.59	
Meeting and Program	1425.10	
American Institute of Biological Sciences	900.99	
Editor	867.00	
Member Lists	696.54	
Secretary	614.83	
Treasurer	584.76	
Office Expense	554.66	
Taxes	350.60	
Miscellaneous	111.54	
Refund	<u>15.00</u>	
TOTAL CASH DISBURSEMENTS DURING YEAR		<u>\$28907.64</u>

ENDING CASH, DECEMBER 31, 1975:

First Federal Savings and Loan Association of Mid-Florida, Gainesville, Florida	\$31615.15	
University City Bank, Gainesville, Florida	16484.86	
The Atlantic First National Bank of Gainesville, Gainesville, Florida	<u>9455.06</u>	
TOTAL ENDING CASH, DECEMBER 31, 1975:		<u><u>\$57555.05</u></u>

NORTHEAST REGIONAL MEETING: The Northeast Regional Meeting will be held from 8-11 October 1976 at the Department of Animal Behavior, American Museum of Natural History, New York. Ethel Tobach is the organizer. There will be two morning plenary sessions on Saturday and Sunday: (1) Vertebrate social organization: Reproductive strategies, organized by Peter Marler, and (2) Behavior and systematics, organized by Howard Topoff. Paper sessions will be held on Saturday and Sunday afternoon and on Monday morning. Topics for paper sessions include: imprinting, feeding behavior, invertebrate social behavior, development, communication. There will also be provision for poster papers. Titles of papers and poster presentations should be sent to Peter Moller (AMNH) by 31 August 1976. Information about format of abstracts will follow. Meeting preregistration (tentative fee: \$5 for members, \$3 for students) should be sent to Ethel Tobach, Dept. of Animal Behavior, American Museum of Natural History, Central Park West at 79th Street, New York, N.Y. 10024.

SUMMER COURSES:

Professor Allen W. Stokes of Utah State University, a former President of the ABS, will teach a course in FIELD STUDIES OF ANIMAL BEHAVIOR at the University of Montana's Biological Station, Yellow Bay, Flathead Lake, Montana. Contact Shirley M. Munson, Secretary, Biological Station, University of Montana, Missoula, Montana 59801.

The Department of Biology of Hiram College will offer beginning and advanced field courses in comparative animal behavior at its well-equipped and well-stocked field station from 10 June to 3 July. Independent study and research courses are also available to students who wish to continue their studies throughout the summer. Tuition is \$49.00 per credit hour; room and board is \$42.00 per week. For further information and preregistration contact Professor James H. Barrow Jr., Hiram College Field Station, P.O. Box 1838, Hiram, Ohio 44234.

POSITIONS AVAILABLE:

Vertebrate Zoologist. Applications for position of vertebrate zoologist with a background in Physiology. Open September 1976. Backgrounds in neurophysiology, behavior and organismal biology desirable. Position to be filled at assistant or associate professor level. Duties consist of: conducting lectures and supervision of laboratories in the undergraduate course of vertebrate zoology; to engage in teaching of other courses applicable to training and to carry out a program of research in the field of specialization. Send letter of application, curriculum vitae, transcripts and three letters of recommendation to: R. Barclay McGee, Department of Zoology, University of Georgia, Athens, Georgia 30603. An Equal Opportunity/Affirmative Action Employer.

A one year, temporary, teaching position in animal behavior at the assistant professor level is available to replace a faculty member on leave. Teaching duties will include a contribution to a comparative animal behavior course and laboratory and other relevant courses in learning, motivation, graduate course in animal behavior and related topics. Send curriculum vitae, reprints and three letters of recommendation to: Dr. William Calhoun, Department of Psychology, University of Tennessee, Knoxville, Tennessee 37916. The University of Tennessee is an Equal Opportunity/Affirmative Action Employer. Applications from minority group members and women are encouraged.

Environmentalist-Photography Instructor: Unity College, a small private college in central Maine, will initiate a program in photography with an emphasis on the environment to complement already successful programs in forestry, wildlife, and environmental planning. The successful candidate, in addition to academic background and extensive experience in all phases of photography, should have at least an undergraduate degree in science, biological or physical; technical applications of photography and photogrammetry are a must. He or she will have the opportunity to build a curriculum from the introductory course right up through advanced applications in, for example, forestry. Assistant or associate professor status, \$11,000 to \$14,000, possibly year-around appointment. Apply with resume to: Dr. Allen Karstetter, President, Unity College, Unity, Maine 04988.

DEADLINE FOR AUGUST NEWSLETTER IS 15 JULY 1976

The Executive Committee of the Animal Behavior Society will meet on Sunday, 20 June in Boulder. Members wishing to submit items for the agenda should send them in writing to any of the following:

Paul Siegel, President
Department of Poultry Science
Virginia Polytechnic Institute and State University
Blacksburg, Virginia 24061

Gilbert Gottlieb, Member-at-Large
Box 7575, Station B
Raleigh, North Carolina 27602

Carol Carter, Member-at-Large
Department of Ecology, Ethology, and Evolution
University of Illinois
Champaign, Illinois 61820

Benjamin Sachs, Member-at-Large
Department of Psychology
University of Connecticut
Storrs, Connecticut 06268

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