

May 1979

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 (Stuart Altmann, Jerry Hirsch, Paul Siegel) has submitted the following list of candidates for the 1979 election, for terms of office beginning July 1980:

Second President-Elect (becomes President in 1982):
John Paul Scott, Bowling Green State University
John Vandenberg, North Carolina State University

Program Officer (3 year term):
Terry Christenson, Tulane University
Erich Klinghammer, Purdue University

Member-at-Large (3 year term):
Gordon Burghardt, University of Tennessee
Joseph Kovach, Menninger Foundation

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 ABS members and accompanied by an indication that the nominee is willing to serve if elected. These materials must be received by the ABS Secretary (D. G. Kleiman) by 15 July 1979.

ABS ANNUAL MEETING: JUNE 10-15, 1979. TULANE UNIVERSITY, NEW ORLEANS

SYMPOSIA

- 1) Parental Care in Mammals - organized by David Gubernick.
- 2) Behavior-Genetic Analysis - organized by Jerry Hirsch and Paul Siegel.
- 3) Decapod Crustacean Behavior - organized by Steve Rebach and David Dunham.

WORKSHOPS

- 1) Science Writing as a Profession - organized by Robert Wallace.
- 2) Current Problems in Methodology - organized by Mark Cummins.

KEYNOTE ADDRESS

Sexual Imprinting in Zebra Finches: Irreversibility and Individual Differences
Professor Dr. Klaus Immelmann (University of Bielefeld)

BANQUET SPEAKER

Research on Hormones and Behavior apart from Endocrinology
Professor Emeritus Frank A. Beach (University of California, Berkeley)

OTHER ACTIVITIES

Films on sex and behavior - organized by Edwin Gould
Field trips to the Delta Primate Center, Bird Sanctuary and the Zoological Gardens - organized by Terry Christenson, ABS Host, 1979.

DEADLINE FOR RECEIPT OF MATERIALS FOR THE AUGUST NEWSLETTER IS 15 JULY 1979

COLONIAL WATERBIRD GROUP: The Third Annual Meeting of the CWG will be held 25-28 October 1979 at the University of Southwestern Louisiana, Lafayette. Field trips to the Gulf Coast are planned, and the Proceedings will be published as in previous years. Abstracts must be received by 1 September. For information on contributing papers, contact: P. A. Buckley, North Atlantic Regional Office, National Park Service, 15 State St., Boston, MA. 02109. For information on registration, contact: D. McCrimmon, Laboratory of Ornithology, Cornell University, Ithaca, N. Y. 14853.

Ernst
SPONSORS FOR THE 1982 ABS MEETINGS: The Animal Behavior Society is presently accepting bids for a meeting site in 1982. Address correspondence to the President of ABS, Donald Dewsbury, Dept. of Psychology, University of Florida, Gainesville, FL. 32611.

METHODOLOGY WORKSHOP: A workshop on methodology will be held at an evening session at the June ABS meeting. Anyone with a problem - or better still, a solution - in data collection or analysis is encouraged to participate. For suggestions on the workshop, contact: Mark Cummins, Psychology Dept., Dawson College, 350 Selby Street, Westmount, Quebec, Canada H3Z 1W7.

WHAT SHOULD A SYMPOSIUM ACCOMPLISH?: The ABS is trying to formulate guidelines for symposia at our Annual Meetings, We need your ideas and comments - any input will be most welcome. Contact: D. W. Dunham, Dept. of Zoology, Univ. of Toronto, 25 Harbord St., Toronto, Ontario M5S 1A1 Canada.

1980 ASZ MEETINGS: ABS members interested in proposing a symposium for the 1980 ASZ meetings in Seattle should contact the ABS Program Officer, Joan Lockard, RI-20, University of Washington, Seattle, WA. 98195, as soon as possible. The ASZ deadline for receipt of proposals is 1 June 1979.

SUMMER COURSES: A two semester course "Behavioral Enrichment in the Zoo" will include a comparative study of behavioral problems for mammals in zoos, aquariums, wildlife parks, and research stations. Methods for increasing species - appropriate behavioral opportunities in the zoo will be studied in detail. Each class member will focus on species in the San Francisco Zoo and design potential improvements for the captive habitat. First semester runs from 18 June to 27 July (5 units of upper division biology credit). Second semester runs 30 July to 18 August (3 units). For information, contact: Hal Markowitz, Dept. of Biology, San Francisco State University, 1600 Holloway Avenue, San Francisco, CA. 94132.

Dr. Ernest Ables, Professor of Wildlife Ecology, University of Idaho, will offer a field seminar for upper division or graduate credit on "The Large Mammals of Yellowstone" from 7 to 13 June. Emphasis will be on the behavior of the large ungulates of the Yellowstone ecosystem, including elk, bison, moose, etc. Students will observe, record, analyze, and interpret behavior with respect to its importance in ecology and management. Tuition is \$85. For information, contact: The Yellowstone Institute, Box 515, Yellowstone National Park, WY. 83190 (phone 307-733-6856).

REGIONAL MEETINGS: The 1979 Northeastern Regional Meetings will be held at the Marine Biological Laboratories, Woods Hole, Massachusetts from 19-21 October, 1979. Plenary session topics include: 1) The Cellular Basis of Behavior, 2) Mechanism-Vitalism: an Enduring Controversy, 3) Search Images, and 4) Evolutionary Aspects of Acoustic Communication. A call for contributed papers and details concerning registration will be sent to ABS members in May. Additional information can be obtained from Jelle Atema or Carl Berg, Marine Biological Laboratory, Woods Hole, MA. 02543 (phone 617/548-3705).

ANNUAL FINANCIAL STATEMENT OF THE ANIMAL BEHAVIOR SOCIETY

Statement of revenue and expenses on a cash basis for the year ending 31 December 1977

<u>FUND BALANCE, 1 JANUARY 1978:</u>		\$ 65,412.81
<u>CASH RECEIPTS DURING YEAR, 1978:</u>		
Regular membership dues	\$ 34,363.35	
Student membership dues	11,064.32	
ESA subscriptions	3,960.00	
ASZ subscriptions	2,002.00	
Interest	3,287.85	
Royalties	777.55	
Member lists	540.00	
Safekeeping deposit (Midwestern Region ABS)	311.78	
Miscellaneous	1,500.00	
ABS Annual Meeting, Seattle - Surplus funds	<u>1,856.11</u>	
TOTAL CASH RECEIPTS, 1 JANUARY-31 DECEMBER 1978	\$ 59,662.96	
TOTAL CASH AVAILABLE, 1978		\$124,075.77
<u>EXPENSES DURING YEAR, 1978:</u>		
Association for the Study of Animal Behavior	\$ 18,088.00	
American Institute of Biological Sciences	1,125.00	
Newsletter and Secretary	3,010.30	
Editor	12,039.37	
Meetings and Program Officer	1,334.03	
Treasurer - Printing, postage and audit	630.27	
Secretarial help	1,158.77	
Membership lists and print-outs	1,138.93	
Refunds	454.47	
Miscellaneous	<u>403.66</u>	
TOTAL EXPENSES, 1 JANUARY-31 DECEMBER 1978		\$ 39,382.80
<u>TOTAL ENDING CASH, 31 DECEMBER 1978</u>		<u>\$ 84,692.97</u>

DIRECTION OF CORRESPONDENCE

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 Subscriptions Dept. Bailliere Tindall, 35 Red Lion Square London WC1R 4SG, ENGLAND
<u>Newsletter</u> and General Information	Devra Kleiman, Secretary National Zoological Park, Wash., D.C. 20008

1979 ROSTER OF ABS OFFICERS AND COMMITTEE CHAIRPERSONS
(New Officer's terms begin 1 July 1979)

PRESIDENT: George Barlow
Dept. of Zoology, Univ. of Calif.
Berkeley, CA 94720 (415/642-2947)

1st PRESIDENT-ELECT: E. O. Price
Department of Animal Science
University of California
Davis, CA 95616 (916/752-6789)

2nd PRESIDENT-ELECT: Jack Hailman
c/o E. Reese, Hawaii Inst. Marine Biol.
P. O. Box 1346, Kaneohe, HI 96744

PAST-PRESIDENT: Donald Dewsbury
Dept. of Psychology, Univ. of Florida
Gainesville, FL 32611 (904/392-0596)

SECRETARY: Devra G. Kleiman
Office of Zoological Research
National Zoological Park
Wash., D.C. 20008 (202/381-7325)

TREASURER: H. B. Graves
Dept. of Poultry Science
Pennsylvania State University
University Park, PA 16802
(814/856-4481)

MEMBER-AT-LARGE: David Dunham
Dept. of Zoology, Univ. of Toronto
Toronto, Ontario, Canada M5S 1A1

MEMBER-AT-LARGE: Sid Gauthreaux
Dept. of Zoology, Clemson University
Clemson, S.C. 29631 (803/656-3247)

MEMBER-AT-LARGE: Dietland Müller-Schwarze
College of Environ. Science & Forestry
SUNY, Syracuse, N.Y. 13210 (315/473-8847)

PLEASE RETAIN FOR FUTURE REFERENCE

PROGRAM OFFICER: Joan Lockard
Dept. Neurol. Surg., School of Medicine,
Univ. of Washington
Seattle, WA 98195 (206/543-3570)

EDITOR, ANIMAL BEHAVIOUR: Jeanne Altmann
Dept. of Biology, Univ. of Chicago
5712 S. Ingleside Ave., Chicago, IL 60637
(312/753-2795)

ABS HISTORIAN: Martin Schein
Dept. of Biology, Univ. of West Virginia
Morgantown, W.V. 26506 (304/293-5806)

CHAIR, EDUCATION COMMITTEE: Victor DeGhett
Dept. of Psychology, SUNY, Potsdam
Potsdam, N.Y. 13676 (315/268-2963)

CHAIR, MEMBERSHIP COMMITTEE: John Fentress
Dept. of Psychology, Dalhousie Univ.
Halifax, Nova Scotia, Canada B3H 4J1

CHAIR, POLICY COMMITTEE: Douglas Candland
Dept. of Psychology, Bucknell Univ.
Lewisburg, PA. 17837 (717/524-3357)

CHAIR, FILM COMMITTEE: Edwin Gould
School of Hyg. Pub. Hlth., Johns Hopkins Univ.
615 N. Wolfe St., Baltimore, MD 21205
(301/955-3291)

CHAIR, ORGAN. & BY-LAWS COMMITTEE: Steve Rebach
Dept. Nat. Sci., Univ. of MD, Eastern Shore,
Princess Anne, MD 21853 (301/651-2200, X322)

AIBS REPRESENTATIVE: Charles Southwick
School Hyg. Pub. Hlth., Johns Hopkins Univ.
615 N. Wolfe St., Baltimore, MD 21205
(301/955-5000)

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

MEETING ANNOUNCEMENT

The American Society of Zoologists is meeting December 27-30, 1979 at the Holiday Inn Hotel and Convention Center in Tampa, Florida with the American Microscopical Society and Society of Systematic Zoology. A comprehensive program of 10 symposia and about 450 contributed papers is planned.

PAPERS IN THE AREA OF ANIMAL BEHAVIOR ARE PARTICULARLY ENCOURAGED FOR THIS MEETING. ABSTRACTS ARE DUE AUGUST 31, 1979, and the appropriate forms plus a brochure with complete details of the meeting were recently mailed to ASZ members. ABS members are eligible to give a paper. Obtain the forms from the ASZ Business Office, Box 2739 California Lutheran College, Thousand Oaks, Ca. 91360.

A Symposium on Social Signals - Comparative and Endocrine Approaches, organized by Darcy Kelley and Monica Krieger is sponsored by the ASZ's Division of Animal Behavior, and co-sponsored by their Division of Comparative Endocrinology and the Animal Behavior Society. Participants will cover a variety of newly described signalling modalities in species ranging from fish to humans. A comparative approach will be emphasized in order to identify variables that may be important for the evolution of social signals. The symposium will also present new data on how the endocrine state of the individual is signalled to the social group. A deliberate effort has been made to include field studies as these are essential in understanding the real role of communicatory mechanisms in the natural history of species. The symposium is tentatively scheduled December 27 and 28 and contributed papers on the topic will follow the next day. Speakers include: Lynette Geyer, David Goldfoot, Martha McClintock, Pauline Yahr, Arthur Arnold, Owen Floody, Steven Green, Elizabeth Adkins, David Crews, Carol Diakow, Norman Stacey, Cheryl Harding, Cathy Cox and Tom Gordon.

A second Symposium, Behavioral and Reproductive Biology of Sea Turtles, is organized by David Owens for the ASZ's Division of Ecology and is co-sponsored by their Divisions of Comparative Endocrinology and Animal Behavior plus the Animal Behavior Society. The papers will summarize the unique traits of the sea turtle's behavioral and reproductive biology where appropriate, and place sea turtles in evolutionary perspective with regard to other reptiles and vertebrates in general. Although the primary emphasis will be basic biology, special sections will be devoted to discussing modern techniques of egg, hatchling and adult handling which will be of particular use to the conservationist. Speakers include: Archie Carr, James Wood, Harold Hirth, Ross Witham, Nicholas Mrosovsky, Paul Licht, Ralph Ackerman, William Rainey, Rainer Zangerl, John R. Hendrickson, Peter Pritchard and David Owens. Tentatively, the program is scheduled December 28, with a discussion session that evening, and contributed papers on Sea Turtles the next day.

Socials arranged for all participants include cash bars, a party, and brunch following a special address by Dr. David Premack of the University of Pennsylvania speaking on "Language and Intelligence in Ape and Man". The Division of Animal Behavior has a Business Meeting scheduled the afternoon of December 27 followed by a hosted reception.

With rates at the Holiday Inn of \$19 for single rooms and \$24 for double rooms, and advance registration fees of \$25 regular and \$12.50 for graduate students, this is a very affordable meeting. Even in December, Florida's subtropical climate should provide warm temperatures and an abundance of sunshine. You are invited to come to Tampa and enjoy Florida's Sun Coast.

NATIONAL MARSUPIAL CENTER: The Committee for the Establishment of a National Marsupial Center is seeking information from the research community on the use of marsupials and the need for a more plentiful supply. They wish to establish contact with individuals who use marsupials in research or would do so if animals of known age and reproductive status were available at cost. Contact: Dr. William Jurgelski, Jr., P. O. Box 12233, Research Triangle Park, N. C. 27709 (phone 919-541-3471).

BEHAVIOR GENETICS ASSOCIATION: The annual meeting of the Behavior Genetics Association will be held at Wesleyan University in Middletown, Connecticut, on 20-23 June 1979. For information on the program, contact: Arthur Falek, Laboratories of Human and Behavioral Genetics, Georgia Mental Health Institute, 1256 Briarcliff Road, Atlanta, GA. 30306. For registration materials, contact: Dr. Falek, or Biology Department, Wesleyan University, Middletown, CT. 06457.

FILMS: Filmmaker's Library, Inc. has available three new color 16mm films produced by the Canadian Broadcasting Corporation, entitled "Puffins, Predators, and Pirates", "Grouse Country", and "And God Created Great Whales". For information, contact: Filmmaker's Library, Inc., 290 West End Avenue, New York, N. Y. 10023.

GRADUATE PROGRAMS IN ANIMAL BEHAVIOR - ADDITIONAL AND REVISED LISTINGS: University of North Dakota, Grand Forks, N. D. 58202: Department of Biology, M.S. and Ph.D. J. H. Fitch, *behav. ecol. mammals*. A. J. Fivizzani, *biol. rhythms and hormones/behav.* P. B. Kannowski, *insect pheromones*. L. W. Oring, *bioacoust., vert. social systems*. R. W. Seabloom, *cycles, mamm. movements*.

Texas A & M University, College Station, TX. 77843: Department of Animal Science, M.S. and Ph.D. T. H. Friend, *domest. anim. behav. manage., soc. behav., stress*. G. D. Potter, *horse behav., learn.* L. M. Schake, *cattle behav.* Dept. Large Anim. Med., M.S. (requires DVM). P. J. Chenoweth, *reprod. behav.* Department of Wildlife and Fish. Science, M.S. and Ph.D. J. M. Inglis, *anim. tracking*. F. R. Walther, *ethol., comm. and soc. behav., ungulate behav.* Department of Veterinary Anatomy, M.S. (requires DVM). B. V. Beaver, *companion anim. behav.* C. Hall, *vet. med. and behav.*

EARTHWATCH is a non-profit organization which sponsors field expeditions in areas including anthropology and the life sciences. Field teams include a supervising scientist and inexperienced volunteers who pay their own expenses to the project site as well as contribute to the costs of the scientist's research project. For a catalogue or information, write: EARTHWATCH, 10 Juniper Road, Box 127 MF, Belmont, MA. 02178.

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