



NEWSLETTER

Animal Behavior Society

Steve Rebach

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Section (Division) Animal Behavior and Sociobiology
American Society of Zoologists
Ecological Society of America

ANIMAL BEHAVIOR SOCIETY GENERAL ELECTION OF OFFICERS:

Second President-Elect: Colin Beer, Animal Behavior Institute, Rutgers University
Editor: Patrick Colgan, Dept. of Biology, Queens Univ., Ontario
Treasurer: H. Jane Brockmann, Dept. of Zoology, Univ. of Florida
Member-at-Large: Sarah Lenington, Animal Behavior Institute, Rutgers Univ.

304 votes were cast (this represents 21% of the membership, compared to 27% voting in 1980, 24% in 1979, and 22% in 1978). New officers assume office after the annual meeting in August 1982. Officers of the Animal Behavior Society also serve as officers of the American Society of Zoologists Division of Animal Behavior.

MEETINGS -- CALLS FOR PAPERS

1982 ABS MEETING: August 15-20, Univ. of Minnesota, Duluth. Housing and registration information and forms are included in the Feb. NEWSLETTER. Direct further questions to: Kamal S. Gindy, Psychology Dept., 330 Bohannon Hall, Univ. Minnesota, Duluth, MN 55812 (ph: 218-726-7189); or Dr. Mitzi Doane, Psych. Dept., 176 Library, Univ. MN (ph: 218-726-8592).

DEADLINE FOR RECEIPT OF PRE-REGISTRATION WITHOUT LATE CHARGE IS 15 MAY 1982.

Highlights of the meeting include:

Keynote Speaker: Prof. Gerard Baerends (Rijksuniversiteit Groningen)--The "innate releasing mechanism" revisited and revised. (Aug. 18)

Invited Paper Session: "Deception." Organized by Robert Mitchell (Aug. 16).

Workshops:

1. Deception. Organized by Robert Mitchell (Aug. 16).
2. Lest darkness fall: Science in religion. Organized by Jeffrey Baylis (Aug. 17)
3. Legislative matters relevant to animal behavior--endangered species, animal welfare, and budget concerns. Organized by Ed Banks and Zuleyma Halpin. (Aug. 17)
4. The use of film and videotape in documenting animal behavior. Organized by Jack Ward (Aug. 16). Those interested in participating are asked to contact the organizer at: Dept. of Biology, Illinois State Univ., Normal, IL 61761.

Banquet: Scandanavian Smorgasbord and a Polka Dance following. (Aug. 18)

Other Activities: ABS Business Meeting (Aug. 18), Barbeque with introduction to the Duluth area (Aug. 15), Harbor cruise social (Aug. 19), Informal talk with Prof. Baerends (Aug. 19), Bird walk (Aug. 20), Boundary Waters Canoe Area trip (Aug. 20--), Isle Royale trip (Aug. 20), Discussion with Fred Stollnitz of the NSF (Aug. 17), Three Film session, and Book display (yes, T-shirts will be available).

For information on the program, contact Terry Christenson, Dept. of Psychology, Tulane University, New Orleans, LA 70118 (ph. 504-865-5331).

Questions concerning the conference should be directed to Mitzi Doane, Dept. of Psychology, University of Minnesota, Duluth, MN 55812 (ph. 218-726-7117).

IXth CONGRESS OF THE INTERNATIONAL PRIMATOLOGICAL SOCIETY: 8-13 August 1982, Atlanta, GA.

A joint meeting of the International Primatological Society, American Society of Primatologists and International Society for Human Ethology.

Contact: Congress Office, Yerkes Center, Emory University, Atlanta, GA 30322.

THE NATIONAL ASSOCIATION OF BIOLOGY TEACHERS CONVENTION: Detroit (Westin Hotel, Renaissance Center), 14-17 Oct. 1982. There will be sessions for Animal Behavior educators. To present a 15-20 min. talk on ethology, neurobiol. and behavior, sociobiol., ecology and behavior, ideas for animal behav. labs or curricula, send an abstract to 'Laine Gurley, Dept. of Science Education, Cornell Univ., Ithaca, NY 14853 by the end of May.

MEETINGS -- CALLS FOR PAPERS

TAMAULIPAN BIOTIC PROVINCE: An International Symposium will be held 28-30 October, 1982 in Corpus Christi, Texas (La Quinta Royale Motor Inn). The Symposium will include all ecological aspects of the biome: Vegetation, invertebrates, vertebrates, ecological structure and function, biological resources (use and effects), and management. It will include aspects of applied science and conservation. Submit abstracts for contributed papers by 1 August 1982; abstracts for invited papers must be received by 1 September 1982.

For information on abstracts: Gene W. Blacklock, Curator, Welder Wildlife Foundation, P.O. Drawer 1400, Sinton, TX 78387 or David Riskind, Head, Resource Management Section, Texas Parks and Wildlife Dept., 4200 Smith School Rd., Austin, TX 78744.

For registration information: Jimmie R. Picquet, Director, John E. Conner Museum, Texas A&I Univ., P.O. Box 2172, Kingville, TX 78363.

1982 NORTHEAST REGIONAL ABS MEETING: The meeting will be held at Northeastern University, Boston, MA, from October 29-31 (note date change). ABS members are invited to submit abstracts (9 cm high x 16 cm wide) for paper or poster sessions. Keynote speaker: Dr. Patrick Bateson. Scheduled symposium: "The Ecology of Communication," organized by Fred Wasserman and Jim Traniello. Suggestions for other symposia are invited. Students interested in free housing with local graduate students should send their requests immediately -- space is limited. Advance registration fee (before 1 Sept.): \$24, students \$12 (checks payable to Northeastern Univ.). Registration fee at meeting: \$34, students \$20. Send abstracts, fees, or information requests to: Martin Block, N.E. ABS Meeting, Dept. of Psychology, Northeastern University, Boston, MA 02115 (phone: 617-437-3793).

SQEB: The VII Annual meeting of the Societe Quebecoise pour l'Etude Biologique du Comportement will be held 4-7 Nov. 1982 near Sherbrooke, Quebec, Canada in a natural surrounding at the foot of Orford Mountain. An overview Symposium on "OPTIMIZING BEHAVIOR UNDER ECOLOGICAL CONSTRAINTS: SEX AND FOOD" is being organized and will begin Nov. 4th. Reports of studies on higher vertebrates are requested, but those on other animal groups will be considered as well. A preliminary program is available on request. Those interested in contributing or attending should contact: Andre Cyr, Dept. Biologique, Univ. de Sherbrooke, Sherbrooke, Quebec, Canada, J1K 2R1.

COLONIAL WATERBIRD GROUP: Sixth Annual meeting 4-7 Nov. 1982 in Washington, DC. A symposium on the feeding biology of waterbirds is planned. Papers given at the meeting are eligible, after refereeing, for publication in Colonial Waterbirds. To contribute to the symposium (deadline 1 Sept.) or general session (deadline 15 Sept.) or to obtain registration information, please contact: Michael Erwin, U.S. Fish and Wildlife Service, Patuxent Wildlife Research Center, Laurel, MD 20708.

WESTERN SOCIETY OF NATURALISTS: 1982 Annual Meeting 27-30 Dec. 1982, California State Univ. at Los Angeles. For details, contact: David H. Montgomery, Dept. of Biological Sciences, California Polytechnic State Univ., San Luis Obispo, CA 93407.

CRUSTACEAN SOCIETY: Scheduled activities for the 1982 meeting with ASZ in Louisville: Symposia--Crayfish Distribution Patterns, J. F. Payne and Factors Influencing Crustacean Growth, A. M. Wenner; Workshop--Crayfish Culture, A. J. Provenzano, Jr. Contributed paper sessions are also planned. Contact: Patsy A. McLaughlin, Program Chair, The Crustacean Society, Dept. of Biological Sciences, Florida International Univ., Miami, FL 33199.

XVIIIth INTERNATIONAL ETHOLOGICAL CONFERENCE: Brisbane, Australia, 29 Aug.-6 Sept., 1983. For information: Glen McBride, Animal Behaviour Unit, University of Queensland, St. Lucia, Queensland, Australia 4067. This will be an open meeting. A call for papers will be issued 30 June 1982. Deadline for receipt of Plenary Session suggestions -- 30 June 1982. Deadline for receipt of abstracts and reduced rate registration: 15 Nov. 1982.

Questions may be addressed to Glen McBride at the August ABS Meeting in Duluth.

FUTURE ASZ-ABS MEETINGS: ABS has been invited to meet with ASZ in 1984 and in 1985:
1984 Dec. 27-30 at the Marriot Hotel and the Holiday Inn in Denver
(Dennis Barrett and James Platt, Univ. of Denver chair the local committee)
1985 Dec. 27-30 at the Hyatt Regency and the Hilton in Baltimore
(Donald Forester and Philip Creighton, Towson State Univ. chair the local comm.).

1982 MEETING OF THE ANIMAL BEHAVIOR SOCIETY WITH THE
AMERICAN SOCIETY OF ZOOLOGISTS, CRUSTACEAN SOCIETY,
INTERNATIONAL ASSOCIATION OF ASTACOLOGY, SOCIETY OF SYSTEMATIC ZOOLOGY,
AND AMERICAN MICROSCOPICAL SOCIETY

DECEMBER 27 - 30 GALT HOUSE, LOUISVILLE, KENTUCKY

SYMPOSIUM SPONSORED BY THE ANIMAL BEHAVIOR SOCIETY
AND THE DIVISION OF ANIMAL BEHAVIOR, ASZ

ALTERNATIVE REPRODUCTIVE TACTICS (organized by Steven N. Austad for the Animal Behavior Society and the Division of Animal Behavior, ASZ).

Tentative program includes:

- AUSTAD, S. N. Alternative reproductive tactics: The maintenance of behavioral variability.
- WALTZ, E. C. and L. L. WOLF Environmental unpredictability, time scales, and alternative mating behaviors.
- HOWARD, R. D. Alternative male mating behaviors in bullfrogs: Causes and effects.
- WILEY, R. H. Ontogenetic trajectories in polygynous societies.
- BORGIA, G. The evolution of expanded lek mating systems.
- CADE, W. H. Male-male competition in field crickets: Individual and genetic differences.
- CHRISTENSON, T. E. Alternative reproductive tactics in spiders.
- THORNHILL, R. Condition-dependent alternative male mating tactics in Panorpa scorpionflies.
- FAIRCHILD, L. Factors affecting the success of different male strategies in an explosively breeding toad population.
- LE BOEUF, B. J. The dilemma of the young female elephant seal: To breed or not to breed.
- DOMINEY, W. An obligate male mating pattern in bluegill sunfish: Consequences of obligate vs. facultative variation.

OTHER SYMPOSIA

- (1) Cellular mechanisms of ion regulation in arthropods, (2) Molecular aspects of early development, (3) Gastrulation, (4) Biomechanics, (5) Crayfish distribution patterns, (6) Factors influencing Crustacean growth, (7) Phylogenetic relationships of the lizards, (8) Evolution of neural systems in the vertebrates: Functional-anatomical approaches, (9) The evolution of endocrine systems in lower vertebrates, (10) Evolution of the vertebrate lymphocyte, (11) Biochemical adaptations of parasites, (12) Protozoa and algae of bogs, (13) The place of T. H. Morgan in American biology.

CONTRIBUTED PAPERS -- ORAL AND POSTER PRESENTATIONS

Forms and instructions are now available. Deadline for submission is August 27. Papers on the Animal Behavior symposium topic are especially encouraged. Abstracts will be published in the American Zoologist 22(4).

For the following information about the Louisville meeting, send this coupon to:
Mary Wiley, American Society of Zoologists, Box 2739,
California Lutheran College, Thousand Oaks, CA, 91360.
ASZ members will receive these items with their April ASZ Newsletter.

Name and Address:

_____ Brochure detailing Louisville Meeting plans.

_____ Forms for contributing a paper (poster or oral presentation).

REPORT ON THE 1982 MIDWEST REGIONAL ABS MEETING: The meeting took place February 12-14 at the University of Illinois, Urbana-Champaign. Despite the dire midwest weather, attendance was good. The program consisted of symposia covering the topics of applied animal ethology, human sociobiology, behavioral endocrinology, social behavior and population control, behavior-genetic analyses, and family relationships. In addition, 35 contributed and 8 poster papers all made for an intellectually exciting and rewarding weekend. Following the banquet, Peter Marler of Rockefeller University shared with us some of the recent, elegant work in his laboratory on genetic and experiential aspects of bird song acquisition. The Midwest Regional Meeting for Spring, 1983 will be hosted jointly in St. Louis by the University of Missouri, St. Louis and Washington University. Further information will appear in a future announcement. --Edwin M. Banks

FELLOWSHIPS AND POSITIONS AVAILABLE

POSTDOCTORAL OPENING: The Developmental Program in Psychology at the University of North Carolina at Chapel Hill has a postdoctoral opening beginning in July, 1982. The position involves collaborative research on vocal development in birds and human infants, is for one or more years, and involves some teaching. Applicants with an interest or background in developmental psychobiology and/or learning and perception are especially encouraged to apply but all qualified persons will be considered. Please send a letter of application, vita and three letters of reference to Dr. Meredith West, Dept. of Psychology, Univ. of North Carolina at Chapel Hill, Davie Hall 013A, Chapel Hill, NC 27514. The University of North Carolina is an Affirmative Action/Equal Opportunity Employer.

PRE-DOCTORAL FELLOWSHIPS: The Primate Foundation of Arizona in association with Arizona State University has available pre-doctoral fellowships for the study of chimpanzee behavior. The fellowship term is one year beginning Jan. or Aug. of each year; award amount for 12 months is \$6000. Behavior observation experience is desirable and MS degree or equivalent is preferred. Applications must be received no later than 90 days prior to starting date. Apply now for term beginning Jan. 1983. Send letter of inquiry to: Jo Fritz, Executive Secretary, Primate Foundation of Arizona, P.O. Box 86, Tempe, AZ 85281.

NATIONAL SCIENCE FOUNDATION: NSF's Division of Behavioral and Neural Sciences is recruiting Intergovernmental Personnel Act assignees for one or two year assignments in key staff positions, beginning August 1982: Program Associate/Assistant for Psychobiology, which requires 6-8 years independent research experience in physiological psychology, animal behavior or brain-behavior research and Program Associate for Neuroscience, which requires 6-8 years independent research experience in developmental neuroscience.

Submit vitae to: NSF, Division of Behavioral and Neural Sciences, Room 320, 1800 G Street, NW, Washington, DC 20550. Attn: Dr. Jim Brown.

For further information call 202-357-7564. NSF is an equal opportunity employer.

FUTURE ABS ANNUAL MEETINGS:

1983 June 19-24, Bucknell Univ., Lewisburg, PA, host: Douglas Candland, Dept. Psychology

1984 August 13-17, E. Wash. Univ., Cheney, WA, host: Steven B. Christopher, Dept. Psychol.

The Executive Committee is now accepting invitations to host the 1985 and subsequent annual meetings of ABS. Potential hosts should contact: Jack P. Hailman, President, Animal Behavior Society, Department of Zoology, University of Wisconsin, Madison, WI 53706.

SYMPOSIA FOR ASZ AND ABS MEETINGS: Individuals interested in organizing symposia for the 1983 ASZ meetings in Philadelphia, PA (December) or the 1983 ABS meeting at Bucknell (June), should contact Terry Christenson, ABS Program Officer, Department of Psychology, Tulane University, New Orleans, LA 70118

DEADLINES, NEWSLETTERS: ASZ Division Animal Behavior: Sept. 1, 1982 for Oct. Newsletter.

Animal Behavior Society: July 15, 1982 for Aug. NEWSLETTER, 15 Oct. for Nov. NEWSLETTER.

Send materials to: Sidney A. Gauthreaux, Jr., Secretary, Animal Behavior Society, Department of Zoology, Clemson University, Clemson, SC 29631.

(The editorial assistant to the Secretary is Anna E. Ross, Dept. of Zoology, Clemson Univ.)

ANIMAL BEHAVIOUR: Please check that the libraries and institutions you use subscribe.

VOLUNTARY CONTRIBUTIONS: The Animal Behavior Society welcomes contributions from its members. Members may make the ABS a beneficiary of an estate or name the ABS in a will.

PUBLICATIONS AVAILABLE

SCHOOL FOR FIELD STUDIES: A catalog describing the purposes and curriculum for undergraduate students is available from: School for Field Studies, P.O. Box 171, Prudential Center, Boston, MA 02199 (a nonprofit corporation).

EARTHWATCH: Information on field research for volunteers and scientists available from Diane Delahanty (617-489-3030) 10 Juniper Rd., Box 127, Belmont, MA 02178.

ANIMAL CARE GUIDELINES: The Ethics Committee of ASAB (U.K.) and the Animal Care Committee of ABS have published "Guidelines for the Use of Animals in Research" in ANIMAL BEHAVIOUR (1981, Vol. 29: 1-2). The publication is free to ABS members from the ABS Secretary, Sidney A. Gauthreaux, Jr., Department of Zoology, Clemson Univ., Clemson, SC 29631.

"GRADUATE PROGRAMS IN ANIMAL BEHAVIOR: 1981-82": This publication has been prepared by the ABS Education Committee and is available from: Wayne Aspey, Chair, Education Committee ABS, Dept. of Zoology, Ohio State University, Columbus, OH 43210.

LIFE SCIENCES FILMS: For a copy of the new (1981/82) International Science Film Collection catalog, contact: Robert Allen, Director, Audio Visual Services, Special Services Building, Penn State University, University Park, PA 16802. Specify subject area(s): Animal Behavior, Botany, Cultural Anthropology, Human Physiology, Materials Science, Technical Sciences, Zoology.

CHIMPANZEE VISUAL COMMUNICATION: FACIAL, GESTURAL AND POSTURAL EXPRESSIVE MOVEMENT IN YOUNG, CAPTIVE CHIMPANZEES (Pan troglodytes) by Susana Berdecio and Leanne T. Nash (1981), xv + 159 pp., 15 figs., 60 tables, 80 plates, 2 app., bibliogr. Paper \$8.50. Anthropological Research Paper No. 26 (Arizona State Univ., Tempe, AZ 85218).

The National Association of Biology Teachers' Committee for Animal Behavior publishes a newsletter for high school, community college and university animal behavior teachers. 'Laine Gurley, editor of the newsletter, is calling for short articles describing field or lab studies which can be performed by high school students. Art work depicting animal behavior is also requested. Deadlines are: 15 Aug. for the Oct. issue and 10 Dec. for the Jan. issue. Send materials to: 'Laine Gurley, Department. of Education, Stone Hall, Cornell University, Ithaca, NY 14853.

APPLICATION FOR MEMBERSHIP: ANIMAL BEHAVIOR SOCIETY

Name in full _____ Degrees _____

Mailing address _____

Institution _____ Position _____

_____ Member - \$27.00 (U.S.) Receive ANIMAL BEHAVIOUR and NEWSLETTER.

_____ Student Member - \$17.00 (U.S.) Receive ANIMAL BEHAVIOUR and NEWSLETTER.

_____ Spouse Member - \$9.00 (U.S.) Receive NEWSLETTER only.

Membership for calendar year 19____. Date and place of birth _____

Specific area of interest _____

Member of these societies: _____ Ecol. Soc. Amer.; _____ Amer. Soc. Zool.;

_____ Amer. Psych. Assoc.; _____ Wildlife Soc.; _____ Other(s) _____

My student membership application is endorsed by: (Dept. Head, ABS Member, ABS Fellow)

(name) _____ (signature) _____

This application form should be sent with remittance (make checks payable to ANIMAL BEHAVIOR SOCIETY) to: H. B. Graves, Treasurer, ABS, Dept. of Poultry Science, Pennsylvania State University, University Park, PA 16802.

PLEASE COPY AND DISTRIBUTE

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