

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 CHANGES OF ADDRESS to ABS TREASURER PAUL B. SIEGEL, Department of Poultry Science, Virginia Polytechnic Institute, Blacksburg, VA 24061; 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 publishers, Baillière, Tindall, 7 & 8 Henrietta St., London WC28QE; direct other correspondence to the Secretary, N. M. Jessop (address above).

DECEMBER MEETINGS: As previously announced, the Society is meeting with AAAS in Washington DC after Christmas. It is sponsoring a symposium on "Ecology and Evolution of Social Organization", as well as sessions at which approximately ninety contributed papers will be presented.

ELECTION OF OFFICERS: Information concerning nominees for the positions of Second President-elect, Editor of Animal Behaviour, Treasurer, and Member-at-Large appears on the inner pages of this issue. A ballot is included which should be returned to the SECRETARY, N. M. Jessop, no later than December 7.

CALL FOR PAPERS FOR 1973 MEETINGS WITH AIBS: The Animal Behavior Society will meet June 17-22, 1973 with AIBS at the University of Massachusetts, Amherst. 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 for publication in the BULLETIN of the Ecological Society. 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 JANUARY 31, 1973! 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.

At present no ABS symposium is scheduled for the ABS meeting. If you are interested in organizing such a symposium, please contact the Program Officer at once.

ANIMAL BEHAVIOR SOCIETY BEST STUDENT PAPER AWARD: The competition for the 1973 award will be held at the ABS meetings scheduled for June, 1973, at Amherst, Massachusetts. Any student completing an MS or PhD degree relating to animal behavior during 1973 is eligible. Judging will be based on both a 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, 15-20 minutes. Manuscripts should be sent in triplicate to Dr. Ernst S. Reese, Department of Zoology, University of Hawaii, Honolulu HI 96822, no later than April 15, 1973. 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.

CALL FOR SPONSORS FOR FUTURE ABS INDEPENDENT MEETINGS: We have now had two very successful independent ABS meetings, thanks to Al Stokes and Utah State University, and Allen and Trixie Gardner and the University of Nevada at Reno. The next independent meeting is being planned for St. Louis in January, 1974, and our host will be Jim Mulligan and St. Louis University. We hope to have an independent meeting on the east coast in June, 1975. Tentative locations are in North or South Carolina or Ithaca, New York. Offers to host the meetings of 1975 and subsequent years would be welcomed now. Please direct such offers or other ideas about future meetings, to Dr. Ernst S. Reese, Department of Zoology, University of Hawaii, Honolulu, HI 96822. Planning far ahead is absolutely essential. If you can arrange to host future meetings, note that January, June or August are probably the best months as dormitory space is usually available at these times in most universities. These months also appear best in terms of scheduling the independent meetings approximately 6 months removed from our meetings with either AAAS or AIBS. Al Stokes has suggested that smaller liberal arts colleges make excellent meeting places since many offer convention services outside the regular academic year. It would be desirable but not essential to have an ABS member on the host campus.

MAILING OF GRADUATE PROGRAMS DIRECTORY AND BIBLIOGRAPHY, 1966-1971: On October 16 copies of the new Directory of Graduate Programs were mailed to all ABS members. Hawaiian, Canadian, and overseas members should have received both the Directory and the new Bibliography in this mailing, within the same cover. The bulk mailing of Bibliographies to addresses within the continental United States will take place early in November. Requests from non-members, or for additional copies from members, should if possible be accompanied by a 25¢ donation to defray mailing costs.

JOURNAL AND MONOGRAPHS: After being delayed by strikes, ANIMAL BEHAVIOUR, vol 20 Part 1 was mailed from England on October 2 and should reach U.S. addresses in 4-6 weeks. The publishers indicate that Vol. 20 Part 2, and Part 1 of the Monographs, should be off the press by the end of November.

POSITION OPEN: The Department of Psychology of the University of Washington announces an opening at the rank of Assistant Professor, starting March 1973 or September 1973. Applicants should have extensive preparation in general biology, evolutionary biology, genetics, and ethology, together with some training in such behavioral sciences as anthropology or psychology. Transmit materials to Robert B. Lockard, Department of Psychology, University of Washington, Seattle, WA 98105.

DEADLINE FOR NEXT NEWSLETTER: January 5, 1973

NOMINEES FOR ELECTIVE POSITIONS OF THE ANIMAL BEHAVIOR SOCIETY:

The following slate of nominees was submitted by the Nominations Committee and published in the August Newsletter: no additional nominations were made by petition.

FOR SECOND PRESIDENT-ELECT:

JERRY HIRSCH

Birthdate: September 20, 1922
Education: B. A. 1952 University of California, Berkeley, (highest honors)
Ph. D. 1955 University of California, Berkeley (Psychology)
NSF Postdoctoral Fellow University of California 1955-56, 1956-57
NIH Fellow, Center for Advanced Studies in Behavioral Science, 1960-61
Present Position: Professor of Psychology and Zoology, University of Illinois
Research Interests: Behavior genetics
Society Interests: Editor, Animal Behaviour, 1969-72; organized ABS program for 1971 National Biological Congress; Executive Committee, ABS, 1966-72; Executive and Membership Committees, Behavior Genetics Association; Editor and contributor to Behavior-Genetic Analysis, McGraw-Hill.

JOHN G. VANDENBERGH

Birthdate: May 4, 1935
Education: B. A. 1957 Montclair State College
M. S. 1959 Ohio University
Ph.D. 1962 Pennsylvania State University
Present Position: Research Scientist, Division of Research, North Carolina Department of Mental Health, Raleigh, North Carolina
Research Interests: How environmental stimuli modify and coordinate social behavior of mammals. Currently using rodents to study how social stimuli modify the rate of female sexual maturation and using primates to study how inter-individual stimulation influences adult endocrine function and sexual behavior.
Society Interests: Member of Animal Behavior Society since 1965; Program Officer, ABS, 1968-70; Director, 1969 NSF Summer Institute in Animal Behavior.

FOR TREASURER:

DONALD ALLEN DEWSBURY

Birthdate: August 11, 1939
Education: A. B. 1961 Bucknell University
Ph.D. 1965 University of Michigan
NSF Postdoctoral Fellow with F.A. Beach, University of California, Berkeley, 1965-66
Present Position: Associate Professor of Psychology, University of Florida, Gainesville
Research Interests: Reproductive behavior and the evolution of behavior. Present research emphasizes comparison of the copulatory patterns of a variety of non-domesticated murid rodents in an attempt to understand the significance of the substantial between-species variations in this important behavior.

H. B. GRAVES

Birthdate: March 7, 1943
Education: B. S. 1965 Virginia Polytechnic Institute
Ph.D. 1968 Virginia Polytechnic Institute
Present Position: Assistant Professor, Department of Poultry Science, The Pennsylvania State University, University Park
Research Interests: Broadly, the development and regulation of vertebrate social systems. Specifically, the development of behavioral relationships among individuals within social groups and how such relationships regulate the use of space and energy. Field as well as laboratory studies of wild, feral and domestic gallinaceous birds and feral and domestic swine are being emphasized.

FOR EDITOR OF ANIMAL BEHAVIOUR:

JACK P. HAILMAN

Birthdate: May 6, 1936

Education: A.B. 1959 Harvard
Ph.D. 1962 Duke

Postdoctoral Fellow, University of Tübingen, Germany

Postdoctoral Fellow, Institute of Animal Behavior, Rutgers

Present Position: Associate Professor of Zoology, University of Wisconsin, Madison

Research Interests: Ontogenetic development of behavior, particularly perception (imprinting, begging in gulls, etc.). Present research concerned with phototactic behavior in anuran amphibians and color vision in animals. Author of Ontogeny of an Instinct (1967); coauthor of An Introduction to Animal Behavior (1967); coeditor of Function and Evolution of Behavior (1972) and Control and Development of Behavior (1972). Research includes descriptive and analytical field studies, mathematical and computer modeling, and laboratory experiments.

Editorial Experience: Review editor, Bird-Banding (1968-); Editorial Board, Bio-science (1971-); book reviewer in Science, Quart. Rev. Biol., etc.; manuscript critic for Animal Behaviour, Science, Ecological Monographs, Amer. Nat., J. Comp. Physiol. Psych., several ornithological journals and publishing houses; grant proposal critic for NSF, NIH, National Geographic Society, etc.

MARTIN W. SCHEIN

Birthdate: December 23, 1925

Education: A.B. 1949 Iowa
Sc.D. 1954 Johns Hopkins University

Present Position: Centennial professor of zoology, West Virginia University

Research Interests: Social behavior of turkeys and cattle; effects of early experience.

Society Interests: Secretary and President, Animal Behavior Society; Chairman, Education Committees of the Animal Behavior Society and the American Society of Zoologists; Director, CUEBS

FOR MEMBER-AT-LARGE:

NICHOLAS S. THOMPSON

Birthdate: 1938

Education: B.A. 1961 University of California, Berkeley
Ph.D. 1966 University of California, Berkeley
Postdoctoral Fellow, University of California, Berkeley, 1965-66

Present Position: Associate Professor, Clark University

Research Interests: Communication and social organization in crows

Society Interests: Interested in promoting interdisciplinary interactions among anthropology, psychology and zoology at meetings of the Animal Behavior Society.

ROSLYN PAUKER WARREN

Birthdate: January 30, 1923

Education: B.A. 1944 New York University
M.S. 1947 New York University
Ph.D. 1954 New York University

Present Position: Professor, Department of Zoology, and Associate Dean, Sciences, College of Letters and Science, The University of Wisconsin, Milwaukee

Research Interests: Broadly, behavioral physiology and perception. In particular, genetic, physiological, developmental, and experimental factors in drinking, taste preference, nest building and sexual activity. Currently studying "taste-blindness" in mice, and nature of hormonal action on the brain of rodents during late prenatal and neonatal life and its relationship to adult socio-sexual status.

Society Interests: Active in organization and meetings of Midwest Section of ABS.

BEST STUDENT PAPER AWARD FOR 1972: The Selection Committee under the chairmanship of John Eisenberg, named Miss Judy Stamps of the University of California at Berkeley as winner of the 1972 Animal Behavior Society Award, for her study entitled, "A lizard display as a fixed action pattern."

SHOREBIRD MIGRATION STUDY: The collaboration of persons interested in shorebird behavior is sought by the Centre de Recherches écologiques de Montreal. Migrant shorebirds netted in the Magdalen Islands from July 10 to October 15 have been marked with leg bands and yellow leg streamers and feather dyes on the underparts. Data sought by the Centre include: (1) reports of sightings of shorebirds with yellow-dyed underparts and leg streamers; (2) band number (when caught alive) together with locality and date of capture, color of streamer or dye, and species; (3) weight of live bird. The Centre seeks names of individuals interested in participating actively in this migratory study, which is designed to disclose the percentage of birds that use an oversea route to the Caribbean and South America as compared with those that follow the coast to Florida before passing to South America. Send data and inquiries to Dr. Raymond McNeil, Centre de Recherches écologiques de Montreal, 4101 est, rue Sherbrooke, Montreal 406, Quebec.

AID TO WILKES COLLEGE: Wilkes College in Wilkes-Barre, Pennsylvania, was devastated by floods in June, 1972. Major losses were sustained in the main library and undergraduate and graduate holdings of the departments of Biological Science, Chemistry, Mathematics, and Physics. The college is circulating an appeal to scientists to contribute whatever they can from personal or school libraries, so that the loss may be alleviated.

RESEARCH IN ANIMAL BEHAVIOR AT OLYMPIC GAME FARM: Bill Hodge, Curator of Mammals at the Olympic Game Farm, Rt. 3, Box 903, Sequim WA, 98382, has informed the Society that the facilities of the Olympic Game Farm are available to college students who wish to study animal behavior or veterinarian research in a specific environment. Among the species available are black bear, polar bear, Kodiak bear, elk, Rocky Mountain bighorn sheep, cougar, bobcat, leopard, clouded leopard, wolves, fisher, otter, and many others, mostly carnivores. The Farm also offers the use of its TV-monitored cave, which is used as a birthing place by several species. The Farm occupies 90 acres near the base of the Olympic Mountains, in a valley known for its lack of rainfall. The Farm is open to the public (for guided tours) only on weekends, so that research is little disturbed. Further information may be obtained by contacting Bill Hodge. Telephone (206) 683-4295 or cable "Survival".

NORTH AMERICAN WILDLIFE PARK FOUNDATION, INC.: A non-profit Foundation has been established to develop and operate a North American Wildlife Park available to the public on a drive-through basis. All income above expenses is to be used to support research with the Park and in the wild, and to make the results available in Visitor Centers as well as through regular scientific channels. Graduate students will have the opportunity to work as rangers in various animal display sections, under the supervision of staff ethologists. The Foundation will publish a newsletter, "Prairie Fire" to serve as a progress report. The Park will be located on a several hundred acre plot in central Indiana. Membership dues of \$10.00 will help establish the Park and will allow members unlimited free visits each year to the Park once its gates are open, together with use of a Member's Room and Library and other benefits. Family Memberships (\$20.00), Supporting Memberships (\$100.00), and Sponsoring or Corporate Memberships (\$1000.00) are also available. Write to North American Wildlife Park Foundation, Battle Ground, Indiana 47920.

ORNIS SCANDINAVICA: Ornis Scandinavica is a new international journal of ornithology appearing twice a year. Primarily it will publish concise reports of advanced research by Scandinavian ornithologists, but any research reports of high international significance and general interest are considered for publication regardless of their origin and subject. Recent articles deal with breeding ecology of the Harlequin duck, creche behavior in the Common Eider, and breeding behavior of the Purple Sandpiper. Annual dues are \$8.35. Write to UNIVERSITETSFORLAGET, Publishers to the Norwegian Universities, Box 307, Blindern, Oslo 3, Norway -- P. O. Box 142, Boston, MA 02113.

PROPOSED REVISION OF "ANIMAL BEHAVIOR IN LABORATORY AND FIELD": Although the 1968 edition of the laboratory manual Animal Behavior in Laboratory and Field has been a valuable asset to those of us involved in teaching animal behavior, some of the exercises have proven to be too lengthy, overly difficult or otherwise impractical for the average teaching laboratory. In addition it is recognized that the manual could achieve better balance and broader coverage of subject areas normally treated in animal behavior courses.

To meet these objectives and provide a more useful laboratory manual the Education Committee of the ABS and the editor of the manual, Dr. Allen Stokes, will be cooperating in revising the current edition. The publisher, W.H. Freeman, is enthusiastic about such a venture and has offered its assistance. The Second Edition will hopefully become available during the spring of 1974 and royalties will be turned over to the Animal Behavior Society as they were for the First Edition.

To begin the process of revision, the Education Committee wishes to determine how well the first edition met the objectives of your own teaching laboratory. The Committee would greatly appreciate your completing the questionnaire included in this Newsletter, promptly returning it to Dr. Edward Price, Chairman of the ABS Education Committee, Department of Zoology, SUNY College of Environmental Science and Forestry, Syracuse NY 13210.

NEW BOOKS: The second edition of Animal Behavior, by ABS Fellow John Paul Scott, has just been released by The University of Chicago Press. Dr. Scott's book has been widely used as an introduction to the field for both lower and upper division students.

Culture and Biological Man, written by ABS member Eliot I. Chaple, deals with the behavioral biology of man and is subtitled Explorations in Behavioral Anthropology. Part I deals with biological clocks and natural rhythms of behavior patterns, the biological basis of emotional behavior, emotional-interactional patterning, dominance and other temperamental patterns, and so forth. Part II deals with the biological bases of human cultures, discussing constraints of distance on interactional probabilities, constraints of communication patterning, interactional crises, ritualization and other topics. It is written as a cross-species and cross-cultural analysis and represents a synthesis of some 20 disciplines.

The Chimpanzee, A Topical Bibliography, second edition, edited by Frederick H. Rohles, Jr., is a 468 page publication of the Institute for Environmental Research, Kansas State University, Manhattan, Kansas. The second edition contains 4,248 references of which 30% were published from 1967-1972. The references are subdivided into 38 sections under Anatomy, 28 sections under Physiology and Pharmacology, 20 sections under Pathology and Experimental Medicine, 25 sections under Psychobiology, and 4 sections under Miscellaneous. References are listed chronologically in each section, and an Author Index is included. This edition is priced at \$10.00

