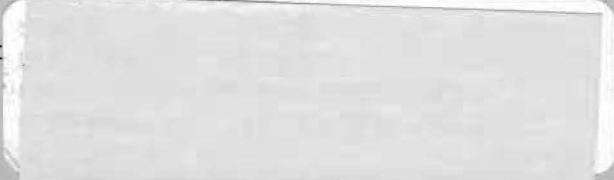




Charles C. Carpenter, Editor
Department of Zoology
University of Oklahoma
Norman, Oklahoma 73069



Ecological Society of America
American Society of Zoologists

CALL FOR PAPERS: AIBS MEETINGS, September 3 - 7, 1968, at Ohio State University (Columbus). Please have your abstract in the hands of the Program Officer no later than April 15, 1968. Please follow the directions on the enclosed Transmissal Form. Mail to Dr. John G. Vandenberg, Department of Mental Health, Box 7599, Raleigh, North Carolina 27602.

ABS FELLOWS: The new Fellows of the Animal Behavior Society for 1968 are:

George A. Bartholomew
John B. Calhoun
Edgar B. Hale
John A. King
Peter H. Klopfer

Ernst Mayr
Arthur J. Riopelle
William N. Tavolga
Sherwood L. Washburn
Edward O. Wilson

NEW OFFICERS: As a result of the recent election, the following new officers are serving your Society; 2nd President-Elect, John A. King; Program Officer, John G. Vandenberg; Editor, Jerry Hirsch; Member-at-Large, Gilbert Gottlieb.

HELP YOUR SOCIETY GROW: An APPLICATION FORM for membership in the Animal Behavior Society is appended to this Newsletter. Give it to a colleague or student.

BUSINESS MEETING: A short business meeting of the ABS was held at 5 PM, Dec. 29 in the Americana Hotel, New York City. Announcements were made of the newly elected officers and Fellows. It was noted that the ABS was to sever its association with Turiel Associates as its business agent as of Dec. 31, 1967. Those officers present gave short reports. These were published in the last Newsletter for 1967. There was a need expressed for an ABS brochure to attract new members for the Society. The members voted a special note of thanks to the Education Committee for their excellent work over the past year. A short report by Treasurer Paul Siegel indicated that the Society is in the black and that our financial status should continue to improve in 1968.

~~It is unfortunate that some institutions were omitted from the Catalogue of Graduate Schools with Programs in Animal Behavior. This catalogue was assembled from returned questionnaires sent out with the February 1967 Newsletter.~~

Persons attending the ABS meetings in New York City and who purchased ABS Luncheon tickets may have the purchase price of the ticket refunded by sending the ticket to the Society Treasurer - Dr. Paul Siegel, Dept. Poultry Science, Virginia Polytechnic Inst., Blacksburg, Virginia 24061.

ANIMAL BEHAVIOR MONOGRAPHS: The American editor of the new Animal Behavior Monographs is Dr. Colin Beer, Institute of Animal Behavior, 31 Fulton St., Rutgers State University, Newark, New Jersey 07102. Manuscripts of monograph length are being solicited. The first issue of the Monographs should appear in 1968.

CHANGES OF ADDRESS: Please send your change of address directly to the ABS Treasurer - Dr. Paul B. Siegel, Department of Poultry Science, Virginia Polytechnic Institute, Blacksburg, Virginia 24061. Expediency in this matter will expedite your receiving Animal Behavior and the Newsletter.

INTERNATIONAL SOCIETY FOR DEVELOPMENTAL PSYCHOBIOLOGY: Plans for formation of an International Society for Developmental Psychobiology are announced. Principal objective of the new Society will be provision of a forum, through printed media and periodic meetings, for researchers interested in relating biology and behavior in the study of animal and human development. From the diverse skills and novel approaches evident among investigators in this area, it is anticipated that a wide variety of disciplines will be represented in the membership. Arrangements are being made with Wiley and Sons, Inc. for members to receive the new quarterly journal *Developmental Psychobiology* at a specially reduced rate. For information about membership, you are invited to write: Dr. Grant Newton, Dept. Anatomy, Center for the Health Sciences, University of California, Los Angeles, California 90024.

INTERNATIONAL SYMPOSIUM ON AGGRESSIVE BEHAVIOR: An International Symposium on Aggressive Behavior will be held at the *Instituto di Ricerche Farmacologiche*, Milan, Italy, on May 2-4, 1968. Approximately 40 papers are scheduled on the biochemistry, pharmacology, psychology and sociology of aggressive behavior in man and animals. The organizing committee under the Chairmanship of Dr. S. Garattini consists of S. A. Barnett (Scotland), A. G. Karczmar (Illinois), P. H. Klopfer (North Carolina), E. B. Sigg (New Jersey), L. Valzelli (Italy), B. L. Welch (Tennessee), and A. Leonardi (Italy). The papers will be published by the *Excerpta Medica Foundation*.

THE JOHNS HOPKINS UNIVERSITY: An expanded interdepartmental program in the Ecology and Physiology of Behavior is being developed in the School of Hygiene and Public Health of The Johns Hopkins University. Supported by a biological sciences training grant from the National Institutes of Mental Health, the program offers pre- and postdoctoral fellowships in animal behavior, behavioral ecology, and behavioral physiology. The program is directed by Charles H. Southwick with the active cooperation of William J. L. Sladen, Carleton Ray, Edwin Gould, Stephen Weinstein, Zoltan Annau, Curt Richter, Dwain Parrack, and James Myer. Current areas of research interest include the behavior and ecology of polar birds and mammals, primate behavior, ultrasonic communication in mammals, rodent social behavior and population dynamics, vertebrate respiratory behavior and physiology. Close collaborative relationships are maintained with the Smithsonian Institution and the University of Maryland in the development of the new Chesapeake Bay Center for Field Biology, and the U. S. Fish and Wildlife Service Patuxent Wildlife Research Center. Inquiries or applications for prospective students can be directed to Dr. Southwick (Department of Pathobiology), Dr. Weinstein (Department of Environmental Medicine), or Dr. Gould (Department of Mental Hygiene), The Johns Hopkins Univ. School of Hygiene and Public Health, 615 North Wolfe Street, Baltimore, Maryland 21205.

CALIFORNIA STATE POLYTECHNIC COLLEGE: Kellogg Voorhis Campus, Pomona, California 91766 is starting a new course in Animal Behavior at the beginning of the academic year 1968-69. This course is a lecture and seminar course with lab and individual projects. It carries three college credits. Write Dr. Laszlo J. Szijj for further information.

PREDOCTORAL RESEARCH FELLOWSHIP: A \$12,000 predoctoral research fellowship in animal behavior is available at the University of Montana. The student will do a field study of the reproductive behavior of the sage grouse. The fellowship, which includes waiver of non-resident and other fees, field equipment, and travel expenses, is for a four-year period. The personal stipend is \$2600 per year plus \$400 for travel expenses per year. Interested persons should contact Dr. D. A. Jenni, Dept. Zoology, Univ. Montana, Missoula, Montana 59801.

STAFF POSITION OPEN: The Zoology Department, University of Montana, Missoula, Montana 59801, has a position for a faculty member to teach general entomology, but is looking for someone whose research speciality is in invertebrate behavior or physiology rather than entomology. The department already has a vertebrate behaviorist. Interested persons should write to Dr. Philip L. Wright, Chairman at the above address.

BIBLIOGRAPHY OF ANIMAL BEHAVIOR: Individual requests (complimentary) for Nancy Jessop's *Bibliography of Animal Behavior*, published in the February 1967 issue of *Bioscience* will still be accepted (about 100 left). Requests should be sent to Dr. Nancy M. Jessop, Department of Biology, California Western University, 3902 Lomaland Drive, San Diego, California 92106.

FILMS AVAILABLE: The following 16 mm color films, prepared by Leonard Sutton and D. M. Ross of the Univ. of Alberta, may now be obtained from the Audio-Visual Center of the Univ. of Indiana, Bloomington for nominal rental charges. Each film has a recorded commentary and runs 20-25 minutes.

1. The Sea Anemone Calliactis parasitica and its Hermit Crabs.
2. Experiments on the Swimming Sea Anemone Stomphia coccinea.
3. The Swimming Sea Anemone Stomphia coccinea and its Commensal the Mussel Modiolus modiolus.

The film, Primate Growth and Development: A Gorilla's First Year, co-authored by Duane M. Rumbaugh and Austin Riesen, has been released by Appleton-Century-Crofts of 440 Park Avenue South, New York, N. Y. 10016.

THE MIDWESTERN REGIONAL MEETING of the Animal Behavior Society took place on October 6-8, 1967 in the Department of Zoology of the University of Wisconsin-Milwaukee. About 80 people from 7 states and Canada attended. On Friday afternoon, there was an initial general introductory session at which time 1) the informal discussion topics for the remainder of the meeting were selected by popular consent and discussion leaders designated; and 2) some ongoing research by investigators at the University of Wisconsin-Milwaukee was also presented. Drs. Robert W. and Millicent S. Ficken (Zoology)- Playback experiments and avian vocalizations; Dr. Robert H. Ressler (Psychology - Alarm pheromone in the earthworm; Dr. Roslyn P. Warren (Zoology)-Early experience and imprinting in guinea pigs; Dr. Charles M. Weise (Zoology)- Factors in nocturnal migrating behavior in caged birds.

The tradition of these midwestern regional meetings is to feature informal discussion. After the general session, a cocktail hour and dinner, the discussion topics were pursued vigorously to well into the night, beginning again at 9 o'clock the following morning. Dr. J. A. King led a discussion on Behavior Genetics; Dr. J. P. Scott on Ontogeny of Behavior; Dr. C. Laban on Carnivore Behavior; Dr. Ralph Levine on Taste Preference; Dr. James Braddock on Early Experience and Innate Behavior. There were laboratory and field station visits late Saturday afternoon. A Sunday morning trip to the Milwaukee Zoo was highlighted by Director George Speidel's graciously conducted and unusual behind-the-scenes tour. The next meeting will be held in October 1968 at Kellogg Gull Lake Station, the host institution will be Michigan State University.

THE UNIVERSITY OF KANSAS is currently seeking candidates for a position in Animal Behavior. This search is a joint effort of the Department of Zoology and of Entomology. The two departments have offered a course, Comparative Animal Behavior, which has been team taught. However, changes in our program require that we obtain additional staff to head the behavior program. Specifically, we wish the new person to teach a junior-senior-graduate course in animal behavior and to develop a graduate program in behavior. The candidate may teach the kind of behavior course we have offered in the past or develop a course of his own choosing.

We prefer candidates who are experimentally oriented. We do not care what kind of behavioral problems the candidate studies, but we prefer someone with ecological interests. We are primarily interested in obtaining the best possible person. We also prefer someone who has broad interests in animal behavior and who is broadly comparative in his/her approach. Because of relaxed administrative restrictions, the behaviorist could have students in either the Department of Zoology or the Department of Entomology. The behaviorist will be assigned to one department or the other depending on his interests and qualifications. We prefer candidates who have had their degrees about three to five years, but welcome applications from any well-qualified candidate regardless of when the Ph.D. was awarded. Rank and salary are open and will depend on the qualifications of the candidate. The new behaviorist will have the opportunity to present his research and teaching space requirements to our space committee for plans for a new biology building. Interested persons should send his/her curriculum vitae, reprints of publications, and a transcript of his graduate academic record (the latter is not needed from any senior applicant). These plus three letters of recommendation should be sent directly to; Dr. Kenneth B. Armitage, Department of Zoology, University of Kansas, Lawrence, Kansas 66044.

OPEN DISCUSSION MEETINGS: The Open Discussion Meetings of the ABS held on two evenings at the New York AAAS meetings in December were very well attended. It is hoped that these open discussion meetings can become a regular feature of our society.

2ND CUEBS CONFERENCE: Representatives of the Education Committees of more than 30 professional societies including the Animal Behavior Society met recently with the AIBS Education Committee, the Director of the AIBS, a representative of NSF, and the Director and other representatives of CUEBS, at the second CUEBS Conference on Education in Biology, Washington, D. C. At this conference the educational activities and responsibilities of the professional societies were discussed. The representatives examined and criticized materials prepared by the CUEBS Panels. The potential role of AIBS as a central clearing-house for biological affairs was discussed, and it was recommended that there be close and continued liaison between AIBS and the educational committees of the professional societies, and among the various societies through the mediation of AIBS.

The Education Committees submitted resumes of activities undertaken since 1964 by their respective societies; these included (1) sponsoring summer institutes, refresher courses, workshops, and educational conferences and symposia related to teaching in the discipline; (2) publication of recruitment brochures; (3) preparation of audio-visual aids, including films, TV programs and tapes; (4) providing rental service for films, books and specimens; (5) accreditation of programs in discipline; (6) granting outstanding teacher award; (7) publication of bibliographies, lab manuals and other instructional aids; (8) publication in the society's journal of articles with educational applications; (9) publication of directories of graduate programs and scientists active in each discipline; (10) providing consultant service, and so forth. The A.B.S. has already been active in a number of these areas.

It was suggested that the professional societies (1) cooperate with CUEBS and the Office of Biological Education (OBE) of the AIBS in retraining college teachers and planning the restructuring of teaching environments so as to maximize the effects of retraining; (2) develop programs for training graduate students toward teaching effectiveness as well as research proficiency; (3) undertake the education of the general public through programs appropriate for dissemination via the mass media, particularly concerning the relevance of specific disciplines to human affairs; (4) help to update laboratory programs by adapting new research techniques to the undergraduate situation; (5) include educationally-oriented refresher symposia, demonstrations, and discussions of instructional techniques, in the programs of their society meetings; (6) disseminate information on institutes, short courses, faculty fellowships, etc., via society newsletters; (7) encourage members to submit proposals for summer institutes, regional conferences, etc.

An expanded report of the conference has been submitted to A.B.S. officers and members of our Education Committee for consideration with regard to possible future action.-

N.M. Jessop

SYMPOSIUM, "The Use of Zoos and Aquariums for Teaching Animal Behavior," was held at Tampa, Florida on December 6 at the meetings of the American Association of Zoological Parks and Aquariums. This was supported by special grants from the American Society of Zoologists and CUEBS. Symposium organizer was A. W. Stokes. Panelists included John Eisenberg, Dietland Muller-Schwarze, Richard Penney, Warren Wisby, George Rabb, and H. Hediger. Proceedings will be published by the New York Zoological Society. It is hoped that several outcomes will result including a popular book for zoo public on "Observing animal behavior at zoos," a series of suggested exercises in animal behavior to be carried out at zoos, and an increased emphasis by zoo people on teaching animal behavior to school groups and through special exhibits on behavior.

MANUSCRIPTS SOLICITED: Dr. John D. Cunningham, Keene State College, Keene, New Hampshire 03431, is soliciting manuscripts for an issue of the American Biology Teacher devoted to animal behavior. The audience is mainly secondary school teachers but there are some college and elementary school members. Because of the membership and the fact that Al Stoke's manual for the college level will be out soon, the emphasis on the teaching activities should be at the secondary or elementary school level.

THE NEWSLETTER: The ABS Newsletter function is to serve the members of the Society. Your Newsletter editor solicits members to submit items of interest to him concerning job opportunities, special meetings and programs, appointments, etc. Address above.