

May 1975

NEWSLETTER

ANIMAL BEHAVIOR SOCIETY

SECTION (DIVISION) ANIMAL BEHAVIOR AND SOCIOBIOLOGY

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

American Society of Zoologists
Ecological Society of America

The Marine Biological Laboratory and The Boston University Marine Program Woods Hole, Massachusetts 02543 announce a course in BEHAVIOR for advanced undergraduates and beginning graduate students to be offered at the Marine Biological Laboratory, Woods Hole, January 5-30, 1976.

DESCRIPTION: Boston University Marine Program and MBL--An intensive, largely ethological, approach to the biology of terrestrial and marine animal behavior. Seminars, lectures, laboratory and library work will cover topics such as sensory physiology, orientation, biological rhythms, communication, learning, sociobiology, and behavioral ecology. Laboratory work will consist of open-ended exercises utilizing vertebrate and invertebrate organisms, culminating in individual and independent student projects. Films will be shown. FACULTY: Robert L. Jeanne (Instructor-in-charge), and Jelle Atema, Boston University; Adrianus Kalmijn, Woods Hole Oceanographic Institution. Special Lecturers.

PREREQUISITES: Introductory biology, general physics, general chemistry. Students who come equipped with a basic competence in biology or physical sciences will benefit most from the courses. The Behavior course welcomes psychology majors.

FACILITIES: Laboratories in the Loeb Teaching Building are equipped with fresh running seawater and aquaria. Electrophysiological, stimulating and recording equipment is available as well as facilities for biochemical, histological and histochemical study. The MBL is within easy reach of terrestrial, aquatic, intertidal and marine field sites; MBL vessels are used for local marine sampling expeditions. The Lillie Building houses one of the finest marine biological libraries in the world.

COSTS: Tuition \$400 Room and Board \$220. A limited number of full and partial scholarships are available. Students may apply for financial aid in the space provided on the course application.

CREDITS: The MBL does not grant credits for courses; students must arrange to receive the 4 recommended credits from their home institutions. Upon request, certificates of satisfactory completion will be issued.

APPLICATION: Write to ADMISSIONS OFFICE, MARINE BIOLOGICAL LABORATORY, WOODS HOLE, MASSACHUSETTS 02543, or CALL 617-548-3705, X212. Enrollment closes November 1, 1975; applicants will be notified by December 1.

POSITION OPEN. CURATOR, MAMMALS: Multifold duties in management of animal collection, educational and research activities. Supervisory duties limited. Prefer broadly trained biologist with relevant advanced degree and with special interest in carnivores, ungulates or other non-primate group. Direct inquiries to DIRECTOR, CHICAGO ZOOLOGICAL PARK, BROOKFIELD, ILLINOIS 60513.

MATERIAL FOR THE AUGUST NEWSLETTER MUST BE SUBMITTED BY JUNE 15th.

The second edition of the laboratory manual, "Animal Behavior in Laboratory and Field," edited by Edward O. Price and Allen W. Stokes, is now available from the publisher, William Freeman & Co., 660 Market St., San Francisco, CA 94104. Although the second edition contains instructions for specific laboratory exercises it is also designed to generate ideas for individual student projects and to provide references on certain subject areas. Twenty-two of the 38 exercises in the second edition are new. Hence, you will hopefully find the new edition a must for the laboratory course in animal behavior. Remember, ALL ROYALTIES GO TO THE ANIMAL BEHAVIOR SOCIETY (Separates or offprints will not be available for this edition). A listing of exercises included in the second edition is presented below.

I THE STUDY OF BEHAVIOR: Observation and Description of Behavior, P. Marler; Quantification of Behavior, W. Calhoun; Behavioral Study in Zoos and Wildlife Parks, G.M. Burghardt; Filming Animal Behavior, D.A. Dewsbury; Use of Video-Tape in Analysis of Behavior, D.S. Kisiel.

II LABORATORY STUDIES: Behavior of Day-Old Domestic Chicks and Ducklings, P. Marler; Effects of Male Hormone on the Behavior of Chicks, P. Marler; Imprinting, P.H. Klopfer; Feeding Behavior in the Blowfly, J.A. Ross; Sensory Cues and Feeding Behavior of Snakes, G.M. Burghardt; Habituation in Earthworms, S.C. Ratner and L.E. Gardner; Dust Bathing in Birds, M.W. Schein; Wall-Seeking Behavior in Mice, L.L. Brubaker; Humidity Preferences of the Flour Beetle, L. C. Drickamer; Orientation to Physical Conditions by Terrestrial Isopods, C.J. Berg, Jr.; Optical Orientation in the Blowfly Larva, J.W. Jennings; Rhythmic Behaviors, D.L. Clayton; Behavior Genetics of Inbred Mice, E.O. Price, W.H. Calhoun, C.H. Southwick, and T.E. McGill; Reaction Chains in Insect Courtship: Nasonia vitripennis, D.P. Barash; Courtship Behavior of Drosophila, P. Marler; Reproductive Isolation in Drosophila, L. Ehrman; Courtship and Mating in Japanese Quail, W.H. Calhoun; Parental Behavior in Cichlid Fish, J. Reynierse; Chemical Communication in Earthworms, J.S. Rosenkoetter and R. Boice; Hormonal and Social Influences on the Scent-Marking Behavior of the Mongolian Gerbill, L.C. Drickamer; Aggregation Formation in Planarians, J.H. Reynierse; Agonistic Behavior and the Social Organization of Crickets, H. Dingle; Sexual Behavior of Crickets, H. Dingle; Social Organization in Crayfish, D.C. Newton; Releasers for Agonistic Display in Male Siamese Fighting Fish, J.W. Jennings and D.L. Olson; Schooling Behavior in Fish, M.H. Keenleyside; Population Density and Habitat Influences on Social Organization, B.H. Brattstrom; Social Organization and Courtship Behavior in Chickens, A.W. Stokes.

III FIELD STUDIES: Web Construction in Spiders, P.N. Witt; Territorial Behavior in Dragonflies, B.M. Vestal; Interspecific Aggression in Birds, J. Chase; Behavior of Dogs: Canid Behavior in a Natural Setting, A.M. Beck; Human Ethology and the Concept of Personal Space, D.P. Barash.

NEW BEHAVIORAL FILM: Tool Use by a Gibbon, (Hylobates), for courses that deal with primates, adaptive behaviors, and creativity, filmed and edited by D.M. Rumbaugh and W.A. Brown, is available through Behavior Communications, Inc. P.O. 95767, Atlanta, Georgia 30347. Appropriate for courses in Psychology, Biology, Anthropology, Natural History, and General Science at either the college or high school level. A shift is portrayed from generalized responsiveness to skillful use of a rope as an instrument for swinging. Also shown is the gibbon weaving the rope in and out of the cage's chainlike sides and top, and using a cloth to transport water for drinking. Rental \$20 or purchase \$60 with accompanying film guide for instructor's use.

ANIMAL BEHAVIOR SOCIETY

Every few years, the Animal Behavior Society publishes a list of Graduate Programs in Animal Behavior. This list is distributed to members of the Society and can be made available to other interested parties.

We would appreciate it if you would fill in the appropriate information below and return it to us as soon as possible.

Name of Institution _____

(city) (state) (zip code)

Department _____

Degree Programs Applicable to Animal Behavior: M.A. M.S. Ph.D.
(Circle one or more)

Faculty in Animal Behavior and related areas	Areas of interest
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Submitted by: _____

Return to:

Dr. V. J. De Ghet
Chairman, Education Committee
of the Animal Behavior Society
Department of Psychology
State University of New York
Potsdam, New York 13676

ABS REPRESENTATION IS NEEDED ON THE PROPOSED FEDERAL ZOO ACCREDITATION BOARD

Last year H.R.16458 was introduced by Rep. Dingell which would establish a Federal Zoo Accreditation Board to "insure that zoos and other animal display facilities maintain minimum standards of care for animal inventories." While this bill did not get out of committee last year, it is being reintroduced this year and hearings will be held soon. It is hard to predict whether or not this bill will pass. However, all ANIMAL BEHAVIOR SOCIETY members have a stake in this bill, and we are not represented.

The proposed Board will consist of ten members: Three from various federal agencies, two from animal welfare organizations, three from zoos, aquaria and oceanaria, one from the AAZPA, and one from the Am. Ass. Zoo Veterinarians.

Field and laboratory ethologists have in the past and continue to provide the basic information about how animals live in the wild, what their needs are and how they function. The input of ethologists in improving zoos has been substantial and will become more important in the future. Enlightened zoo people agree with this. As teachers we use zoos for our students, and zoos, aquaria and oceanaria are places where we study animals. We provide educational departments with the information that make animals interesting and worth preserving. For these reasons ABS should be represented.

In addition, there is proposed a Committee of Advisors on Veterinary Science to consist of twelve members, nine of which are veterinarians, while "Three members shall be animal behaviorists who are experienced in the training of terrestrial and aquatic animals." Again, none from ABS. In view of the fact that keeping animals according to ethological principles results in better health and overall well-being, this omission, by default as it were, needs to be corrected.

For copies of H.R.70 (new 1975 number) write to: Rep. John D. Dingell, Room 2210 Rayburn House Office Building, Washington, D.C. 20515.

Send your comments, suggestions and names as to who should represent ABS to Dr. Erich Klinghammer, Department of Psychological Sciences, Purdue University, West Lafayette, Indiana 47907. The matter will then be discussed at the ABS meetings at Wilmington, North Carolina in May.

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