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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 DUES PAYMENTS and CHANGES OF ADDRESS to ABS TREASURER DONALD A. DEWSBURY, Department of Psychology, Psychology Building, University of Florida, Gainesville FL 32601; 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).

DEADLINE FOR AUGUST NEWSLETTER: Items for the August Newsletter will be accepted until August 31. Owing to the editor's summer plans, this newsletter will be mailed during September. **NOTE:** Direct items for the August Newsletter to N. M. Jessop at 839 Regal Road, Encinitas CA 92024.

NOMINATION OF NEW OFFICERS: The report of the Nominations Committee will appear in the August Newsletter. In accordance with the constitution of the Animal Behavior Society, the membership is herewith notified that nominations may be made by a letter signed by five or more members in good standing and accompanied by an indication that the nominee is willing to serve. Such letters of nomination should be directed to Past President Edwin M. Banks, who serves as Chairman of the Nominations Committee. Dr. Banks' address is Department of Zoology, University of Illinois, Urbana IL 61801. Letters of nomination must reach Dr. Banks by August 10. Officers to be elected for 1974 are Second President-Elect, Program Officer, and Member-at-Large.

ABS WINTER MEETINGS: The Animal Behavior Society will meet December 27-30, 1973, at the Rice Hotel in Houston, Texas, along with the American Society of Zoologists, and several other biologically oriented societies. Information concerning possible charter flights will be mailed separately through the mediation of the American Society of Zoologists. Of especial interest are the symposia entitled "The Role of Play in Social Development and Maintenance of Social Organization", and "Simple Nervous Systems". The transmittal form for Contributed Papers is enclosed herewith. Please note that an abstract in triplicate plus the transmittal form must be submitted to ABS Program Officer C. Richard Terman, on or before AUGUST 20. Dr. Terman's address is Laboratory of Endocrinology and Population Ecology, Department of Biology, College of William and Mary, Williamsburg VA 23185. Contributors are reminded to abide by the regulations regarding format and length.

NEW TECHNIQUES SESSIONS FOR THE WINTER MEETINGS: A problem frequently encountered in conducting animal behavior research or teaching laboratories is unawareness of recent techniques that may represent break-throughs in certain areas. Since most of our membership must function as more or less isolated researchers and instructors, it

seems appropriate that meetings of the Animal Behavior Society should serve to facilitate communication of new technical developments or applications. Accordingly, on a trial basis, one or two sessions involving dissemination of "New Techniques" are being planned for the Houston meetings and for future meetings. In these sessions individuals will be assigned program space for presentation of techniques developed or utilized in their animal behavior research or teaching. These "Techniques Papers" will be handled in the same general way as other Contributed Papers except that the audience will have the opportunity to see (and perhaps to use) and discuss the technique with the contributor. Several techniques will be presented as a session with no unifying theme necessary. The procedures for submitting a "Techniques Paper" will be identical to that for other Contributed Papers with respect to abstract (description), format, and so forth. The word "Technique" should be typed in the upper right hand corner of the abstract. Special considerations regarding individual techniques should be included in a letter attached to the abstract. For further information, correspond with ABS Program Chairman C. Richard Terman. These sessions should be a source of information and stimulation for all attendees, and contributions are invited with the reminder that demonstration and instruction are to be emphasized.

SUMMER MEETINGS, 1973: As previously announced, the Animal Behavior Society is meeting with AIBS at the University of Massachusetts at Amherst, June 18-20, 1973. BioScience should be consulted for housing and preregistration information. The schedule for our Society's meetings are as follows:

Monday, June 18	9:00 AM	Contributed Papers I. Agonistic Behavior
	1:30 PM	Contributed Papers II. Social Interaction and Organization
	5:00 PM	Executive Committee Meeting
Tuesday, June 19	9:00 AM	Contributed Papers III. Behavioral Ecology
	2:00 PM	Contributed Papers IV. Orientation and Communication
	8:00 PM	Contributed Papers V. Miscellaneous Behavior - Films
Wednesday, June 20	9:00 AM	Contributed Papers VI. Feeding and Grooming Behaviors
	1:30 PM	Contributed Papers VII. Learning and Discrimination
	5:00 PM	Business Meeting - Animal Behavior Society
	9:00 PM	Social Hour - Animal Behavior Society

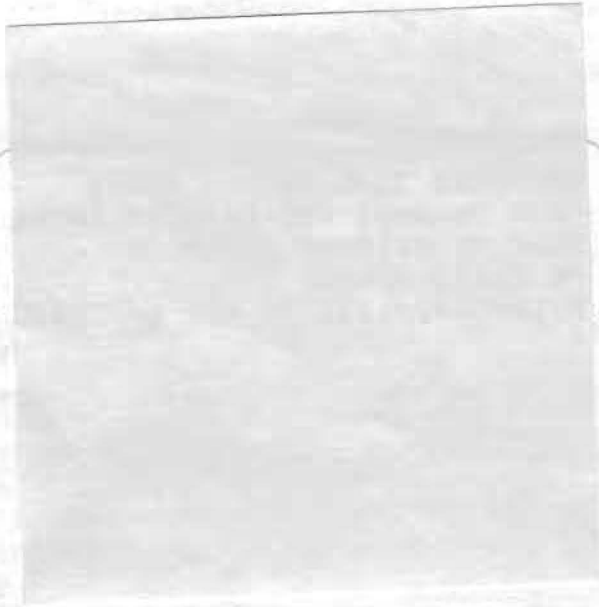
Announcement of the Warder Clyde Allee Award for the best student paper presented at these meetings will be made at the Business Meeting.

ASZ PLACEMENT SERVICE: As announced in the February Newsletter, the American Society of Zoologists has expanded its placement service, which is now available to all members of the Division of Animal Behavior and Sociobiology. Members of the Animal Behavior Society who do not also belong to the ASZ Division should contact Mary Wiley, Business Manager of the American Society of Zoologists, Box 2739, Thousand Oaks CA 91360, about joining the ASZ so as to take advantage of this placement service.

WESTERN REGIONAL MEETING: The first western regional meeting of the Animal Behavior Society will be held on the weekend of June 22-24, 1973, at Asilomar Conference Grounds near Monterey, California. The program will feature informal discussion groups as well as submitted papers. Students are encouraged to attend and participate. For further information contact the following. Registration: Karla Thomas, Department of Psychology, California State University, Northridge. Program (paper submissions): Annette Ehrlich, Department of Psychology, California State University, Los Angeles, California.

CALL FOR PAPERS FOR 1973 BIENNIAL MEETING OF THE LATINAMERICAN SOCIETY OF PSYCHO-BIOLOGY: The first Congress of the Latinamerican Society of Psychobiology will be held in São Paulo, Brasil, during December 1973. Investigators wishing to present papers are requested to send titles and abstracts of 150 words (four copies required) to Dr. E. A. Carlini, Sociedade Latinoamericana de Psicobiologia, Escola Paulista de Medicina, R. Botucatu, 862, 04023, São Paulo, Brasil, before OCTOBER 15. This Congress will be devoted to presentation of current research by biologists, psychologists, biological psychiatrists, neurophysiologists, psychopharmacologists, and others engaged in the study of behavior within a biological framework. Topics now being considered for original research papers and methodological or general review presentations include the following: (1) Brain Mechanisms of Learning and Memory; (2) Neurophysiological Determinants of Behavior; (3) Brain Biochemistry and Mental Disease; (4) Behavior and Brain Amines; (5) Drug Dependence; (6) Early Influences in Infancy and Adult Disease; (7) Tactics of Research for Developing New Drugs for Treatment of Mental Disease; (8) Ontogenesis and Phylogenesis of Behavior - Behavior in Natural Settings. At least one senior investigator in each of these areas is being especially invited to present a lecture on his work.

FORMATION OF THE INTERNATIONAL SOCIETY FOR RESEARCH ON AGGRESSION: The officers of the International Society for Research on Aggression announce the founding of the Society on January 1, 1973, and invite applications for membership from scientists doing active research in problems related to aggression in both its positive and negative aspects. Membership is open to scientists from all nations working in any of the biological, social, or psychological sciences. Correspondence should be addressed to the Executive Secretary, Dr. Ross D. Parke, The Fels Institute, Yellow Springs, Ohio 45387. Other officers of the Society are: Founding President, Saul Rosenzweig (USA); President, John Paul Scott (USA); President-elect, S. A. Barnett (Australia); Councilors, Katsuzo Hayashi (Japan), Kirsti Lagerspetz (Finland), Neal E. Miller (USA), Karl H. Pribram (USA), W. H. Thorpe (Great Britain), and Oleg K. Tikhomirov (USSR).



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AMERICAN SOCIETY OF ZOOLOGISTS TRANSMITTAL FORM

FOR PAPERS TO BE PRESENTED AT THE ANNUAL MEETING

HOUSTON, TEXAS

DECEMBER 27-30, 1973

This program will be published in the November, 1973 issue of AMERICAN ZOOLOGIST.

PROGRAM RULES PROVIDED BY REVISED BYLAWS

1. A member may submit no more than one abstract, which shall be for a paper to be presented in person, at any one meeting of the Society. (Note that introduction of a non-member preempts the member's time. See No. 2).
2. Except when he shall be specifically invited or required to present a major address, a member shall be entitled to no more than fifteen minutes at any one meeting for the presentation of a paper personally or through introduction of a non-member. (5 additional minutes are allotted for discussion.)
3. A member who sponsors a paper by a student member shall not have his normal allotment of time curtailed by such sponsorship. (A student who is not a student member is classified as a non-member.)
4. A non-member of the Society may present a paper if (1) he is a joint author with a member, (2) he is introduced by a member, or (3) he is a member of an organization which is sponsoring a joint session with the Society or one of its Divisions.

1. *Use this form for one paper only.* If more than one paper is submitted obtain an extra form from the Program Officer of A.S.Z. (Rezneat M. Darnell, Department of Oceanography, Texas A&M University, College Station, Tx. 77843) or from a colleague; otherwise prepare a reasonable facsimile on paper of the same size.

2. **DEADLINE.** Your abstract in triplicate plus transmittal form must reach the appropriate Divisional Program Officer *on or before* AUGUST 20, 1973. *See reverse side for detailed directions.*

3. THE AUTHOR(S) of the abstract is (are):

4. The COMPLETE MAILING ADDRESS OF THE *FIRST* AUTHOR is:

5. The TITLE of the abstract is:

6. If a single author, please check one of the following and fill in a blank if appropriate. The author is:

___ A Member of A.S.Z.

___ A student member whose paper is introduced by

___ A non-member whose paper is introduced by

___ A non-member whose paper is eligible under item 4(3) above from the bylaws by reason of

7. If multiple authors, please list those who are members or student members of the Society.

8. FORM OF PRESENTATION OF PAPER.

___ minutes are required. (Only 2 x 2 slide projectors will be available. $3\frac{1}{4}$ x 4 slides cannot be accommodated.)

___ CHECK HERE IF A 16-MM. SOUND-FILM PROJECTOR IS NEEDED.

9. CLASSIFICATION OF PAPER.

Identify your paper with one of the Divisions of the Society. Check appropriate choice. Forward your abstract, in proper form, to the DIVISIONAL PROGRAM OFFICER listed on the reverse side of this page.

___ Animal Behavior

___ Comparative Endocrinology

___ Developmental Biology

___ Comparative Physiology and Biochemistry

___ Ecology

___ Invertebrate Zoology

___ Systematic Zoology

___ Vertebrate Morphology

DIVISIONAL PROGRAM OFFICERS

<p>ANIMAL BEHAVIOR</p> <p>C. Richard Terman Endocrinology & Population Ecology Lab College of William & Mary Williamsburg, Va. 23185</p>	<p>COMPARATIVE ENDOCRINOLOGY</p> <p>Lynn M. Riddiford Biological Labs Harvard University Cambridge, Ma. 02138</p>	<p>COMPARATIVE PHYSIOLOGY & BIOCHEMISTRY</p> <p>Ann E. Kammer Div. of Biology Kansas State University Manhattan, Ks. 66506</p>	<p>DEVELOPMENTAL BIOLOGY</p> <p>Richard L. Miller Department of Biology Temple University Philadelphia, Pa. 19122</p>	<p>ECOLOGY</p> <p>William E. Cooper Department of Zoology Michigan State University East Lansing, Mi. 48823</p>
<p>INVERTEBRATE ZOOLOGY</p> <p>Joseph L. Simon Dept. of Biology University of South Florida Tampa, Fl. 33620</p>	<p>SYSTEMATIC ZOOLOGY</p> <p>James A. Slater Biological Sciences Group University of Connecticut Storrs, Ct. 06268</p>	<p>VERTEBRATE MORPHOLOGY</p> <p>P.F.A. Maderson Department of Biology Brooklyn College Brooklyn, N. Y. 11210</p>	<p>NOTE: 3 SPECIAL REQUIREMENTS FOR ABSTRACTS FOR THE DIVISION OF ANIMAL BEHAVIOR: (1) Their length must not exceed 150 words if they are to be published in the Bulletin of the Ecological Society of America. Authors may submit two abstracts, a "long" one (limit 250 words) for ASZ and a "short" one (limit 150 words) for ESA if they so desire. (2) Abstracts must be submitted in QUADRUPPLICATE. (3) If papers are illustrated by lantern slides, the word "illustrated" should be added in the upper left hand corner.</p>	

10. PREPARATION AND MAILING OF ABSTRACTS (see sample abstract at bottom of page):
- SPACING. Abstract is to be double-spaced throughout, including author's name(s) and title of paper.
 - UPPER RIGHT-HAND CORNER. Designate classification of paper (choose one from item 9).
 - FIRST LINE(S). Give author's name(s) in CAPITAL LETTERS and institution(s).
 - ON ANOTHER LINE (and additional lines as needed). Give the title *using capital letter only for first word, proper nouns and generic names*. Follow in () by sponsor's name if author is not a member of A.S.Z. or is a student member. Add (Motion picture) after the title if one is to be shown.
 - BIBLIOGRAPHIC REFERENCES AND FOOTNOTES. Place in () in text:
 - GENERIC AND SPECIFIC NAMES. These are to be underlined.
 - LENGTH OF ABSTRACT. It must not exceed 250 words. Longer abstracts will NOT be published.
 - TABLES AND ILLUSTRATIONS. None are to be included.
 - ACKNOWLEDGEMENT OF RESEARCH SUPPORT. Please place at end of abstract in (), and use abbreviated form shown.
11. PUBLICATION FEE. Publication costs continue to spiral upward. The Society is obliged to ask each author to pay a charge of \$15 for the printing of the abstract in the *American Zoologist*. A published abstract is required for the presentation at the meeting.
12. PERSON TO WHOM COPIES OF ABSTRACT AND TRANSMITTAL BLANK ARE TO BE MAILED: Papers will be sorted according to the Divisions of the Society. Mail this form (completely filled out) an the original plus two copies of your abstract to the appropriate DIVISIONAL PROGRAM OFFICER listed above. DEADLINE IS AUGUST 20, 1973; attach a check to cover the \$15 abstract publication fee plus the cost of reprints (if any). Note that it is necessary to complete three parts of this form (transmittal of abstract, author index, and author notification) plus the reprint order form (if appropriate).
13. SAMPLE PARTIAL ABSTRACT:(Please follow rigorously).

Endocrinology

MELVIN HESS and J. H. U. BROWN, Emory University

Separation of tropic hormones by ultracentrifugation. (Introduced by B. L. Henke) (Motion picture)

Beef pituitaries were homogenized in a virtis homogenizer, suspended in 0.88 M sucrose and centrifuged in a Spinco centrifuge, etc. . . . (Supported by grant A-897 from the USPHS).

(COMPLETE BODY OF ABSTRACT) (DOUBLE-SPACE THROUGHOUT)

The AMERICAN SOCIETY OF ZOOLOGISTS will *not* accept papers presented "By Title Only."

AUTHOR INDEX

FOR PAPERS TO BE PRESENTED AT THE ANNUAL MEETING

HOUSTON, TEXAS

If more than three authors are contributing to the paper, please use a xerox copy of this page for additional forms. The Program Officer MUST have one for each author.

Senior Author

Last Name _____ First _____ Middle Initial _____

Title of Paper _____

University Affiliation _____

Complete Mailing Address _____

City _____ State _____ Zip Code _____

Second Author

Last Name _____ First _____ Middle Initial _____

Title of Paper _____

University Affiliation _____

Complete Mailing Address _____

City _____ State _____ Zip Code _____

Third Author

Last Name _____ First _____ Middle Initial _____

Title of Paper _____

University Affiliation _____

Complete Mailing Address _____

City _____ State _____ Zip Code _____

ABSTRACT REPRINT ORDER FORM

Reprints of abstract may be ordered in units of 100 only. The first 100 reprints are \$7.00; additional reprints are \$2.00 per hundred.

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Title: _____

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AUTHOR NOTIFICATION

Please complete this form so that the Program Officer can notify you of the time and location for the presentation of your paper. List the title and authors of the paper here and your return address on the reverse side. The Program Officer will fill in the date, time and location of the paper and return the form to you along with housing and advance registration forms for this meeting.

Author(s): _____

Title: _____

Schedule (to be filled in by Program Officer): _____

Date of Presentation: _____

Time of Presentation: _____

Location: _____

Abstract number: _____

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Author(s):

Please type or print name and complete mailing address in box below (for author notification of time and place for the presentation of the paper).



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