

NEWSLETTER

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February 1969

ANIMAL BEHAVIOR SOCIETY

SECTION (DIVISION) ANIMAL BEHAVIOR AND SOCIOBIOLOGY

Ecological Society of America  
American Society of Zoologists

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**CALL FOR PAPERS: AIBS MEETINGS.** The Animal Behavior Society will meet with AIBS at Burlington, Vermont, from August 17 to August 22, 1969. Transmittal forms and abstracts for contributed papers for this meeting must be submitted to the Program Officer (Dr. John G. Vandenberg, Department of Mental Health, Box 7599, Raleigh, North Carolina 27602) by April 1, 1969. Please note the AIBS will no longer provide projection equipment for 3 1/4" x 4" lantern slides. In fact, the AAAS is also discouraging the use of lantern slides as a policy; thus, please think 2 x 2 in the future.

Our local representative at this meeting will be Dr. George B. MacCollom.

**ABS FELLOWS:** The new Fellows of the Animal Behavior Society for 1969 are:

Stuart A. Altman  
Edwin M. Banks  
James C. Braddock  
Frank A. Brown

Leonard Carmichael  
Theodosius Dobzhansky  
Ethel Tobach  
William S. Verplank

For your information, a list of previously elected ABS fellows is below.

Elected for 1966:

Margaret Altmann  
Frank A. Beach  
C. R. Carpenter  
Lee R. Dice  
John T. Emlen  
Alfred E. Emerson  
Donald R. Griffin

A. M. Guhl  
Zing Yang Kuo  
Kenneth D. Roeder  
D. M. Rioch  
Theodore C. Schneirla  
J. Paul Scott  
Herman T. Spieth

Elected for 1967:

Lester R. Aronson  
N. E. Collias  
David E. Davis  
William Etkin  
Hubert W. Frings

John L. Fuller  
Benson R. Ginsburg  
Arthur D. Hasler  
Daniel S. Lehrman  
Charles D. Michener

Elected for 1968:

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: The new officers of the Animal Behavior Society are: 2nd President-Elect, Allen W. Stokes; Secretary, Benjamin Dane; Member-at-Large, Robert W. Goy.

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Minutes of Business Meeting of the Animal Behavior Society  
held December 29 at Dallas, Texas

The meeting was called to order by President Southwick at 5:22. Approximately 63 people attended. The minutes of the previous Business Meeting held at Ohio State University, September 5th were read and approved. President Southwick then introduced the new President and Secretary and announced that Allen Stokes was the 2nd President-Elect and Robert Goy the new Member-at-Large. On behalf of the society he thanked Charles Carpenter for the excellent job that he has done during his tenure as Secretary.

Treasurer's Report: Dr. Southwick read a summary of the treasurer's report.

**Total assets:**

Savings certificates	\$8,000.00
Checking account	<u>3,300.00</u>
	\$11,300.00

**Liabilities:**

Journal bills	\$6,800.00
Outstanding bills	<u>1,000.00</u>
	\$7,800.00

**COMMITTEE REPORTS:**

**Film Committee:** Read by Dr. Southwick

A one-half day session of behavioral films has been scheduled for the Dallas meetings. In general, the films which are selected for showing are recent productions. However, older films of outstanding quality may also be shown if the subject matter is of particular relevance to the Society.

In recent months a committee has been formed to undertake new business during the year 1969. Committee members are:

Dr. J. L. Kavanau  
Professor of Zoology  
University of California

Dr. Ernst S. Reese  
Associate Professor of Zoology  
University of Hawaii  
Honolulu

Dr. Robert Bowman  
Professor of Biology  
San Francisco State College  
California

Dr. Andrew Meyerricks  
Professor of Zoology  
Southern Florida University  
Tampa

One of the committee's undertakings will be the preparation of a short bulletin, to be sent out at regular intervals to all members of the Animal Behavior Society, concerning the activities of behavioral biologists who employ the camera as a research tool.

An additional aspiration of the committee is to compile a list of recent behavioral films, with annotations, for general distribution to members of the Society.

The committee is also planning to hold a symposium on the production of behavioral films. We will cover the technical aspects of film production. If so desired, the symposium papers could subsequently be edited and published for the benefit of all those interested in kinds of films to use, processing, editing, titling, artwork, cameras available, lenses, and so forth.

Lastly, a 5 day workshop is being carefully considered for behavioral biologists interested in motion picture film production. Specific lectures, lessons, and experiences could provide biologists with the technical details necessary for them to produce their own films. Details of financing and so forth will be considered at a later date.

Submitted by:  
Richard A. Boolootian, Ph.D.

Education Committee: Read by Dr. Jessop

It is my pleasureable duty to report on the activities of the Education Committee of the Animal Behavior Society during the calendar year 1968:

I assumed duties as Chairman at the beginning of the year. In order to meet the growing responsibilities of the committee, the following additional persons were appointed to the committee: Dr. Ronald J. Barfield of Rutgers University, Dr. Carl J. Erickson of Duke University, Dr. Dale Lott of the University of California at Davis and Dr. Gerald Scherba of California State College at San Bernardino. These persons join the continuing committee members, Dr. John D. Cunningham, Dr. Charles D. Howell, Dr. Nancy M. Jessop and Dr. James H. L. Roach.

The Committee has acted on a number of projects concerning educational matters and animal behavior. A list of two dozen important volumes about animal behavior was compiled and submitted at the request of the American Society of Zoologists for distribution to college libraries wishing to begin a collection on animal behavior. As was to be expected, complete agreement on the titles to be listed could not be found; the best compromise was submitted.

Under the direction of Dr. Jessop, a bibliography of volumes on animal behavior was published in BioScience. The committee endeavors to keep this bibliography current, with Dr. Jessop directing the project.

Under the direction of Dr. Barfield, the committee is compiling a list of introductory college textbooks in zoology, biology and psychology that contain material on animal behavior. The list will annotate the extent and location of such materials. It is not certain at present in what way the compiled list will be disseminated.

The Committee is preparing a list of films available for class use. The list will give a summary of each film, its running time, details on how and where to borrow, rent or purchase the film, and critical comments when applicable. This project will ultimately be coordinated with the Film Committee of the ABS, and may involve other aspects having to do with motion pictures and animal behavior.

Under the direction of Dr. Lott, the Committee is compiling a list of subjects suitable for being treated by audio-visual aids, such as 8mm film loops. Dr. Allen Stokes is working with the committee on this project.

The 1969 summer institute in animal behavior for junior college and community college teachers will be conducted by Dr. John Vandenberg at Raleigh, North Carolina. The Committee is currently making arrangements for a 1970 summer institute, perhaps on the West Coast.

The Committee endorsed a proposal for a course in primate behavior, but when the proposal was withdrawn by the organizer, the committee decided not to pursue the matter in the absence of an enthusiastic director.

The committee decided against preparing a brochure to attract persons into careers in ethology. The committee also decided against becoming involved in attempts to publish the proceedings of conferences on animal behavior, unless the conferences were directly pertaining to educational matters or otherwise directly involved the committee. However, as a matter of policy, the committee will continue to review proposals for courses, institutes and conferences; approval by the committee shall constitute an endorsement of the proposal by the Animal Behavior Society.

The Committee is cooperating with Dr. Cunningham's efforts to help formulate teaching about animal behavior at pre-college levels. It is also cooperating with Dr. Martin Schein's efforts in establishing a new regular feature on education in the AIBS monthly journal BioScience.

During the current year, one of the committee's principal projects, headed by Dr. Allen Stokes, reached fruition. The laboratory manual, published by Freeman as both a bound manual and as separate exercises, was published under the title Animal Behavior in Laboratory and Field. Dr. Stokes was formerly chairman of the Committee.

Submitted by:  
Jack P. Hailman, Chairman

Dr. Barlow suggested that Animal Behavior in Laboratory and Field be published in looseleaf form so that exercises could be added as separate numbers.

Dr. Mulligan raised the question of what had happened to a proposed "use of zoos in teaching animal behavior" manual.

Membership Committee: Dr. Southwick summarized the report as follows:

- A. The membership has doubled during the past year.
- B. It is time to appoint a new chairman of this committee. Dr. Diamond has served in this capacity since the inception of the Society and requests that he be relieved of this duty.
- C. Dr. Diamond has made the following recommendations for the future.
  1. Have journal editors submit in advance a list of the authors that will be published in each journal issue. The chairman of the membership committee will go through the list and write to each of those not already members asking them to join.
  2. Initiate as a standard practice that mimeographed membership forms be sent along as separate inserts to our newsletters. These can be used and handed out to our members for distribution by them to those they think would be interested.
  3. Include a note in our next newsletter and subsequent ones to the effect that any individual member, if he cared not to approach colleagues himself, suggest their names to the Membership Committee, one of whom would write to them directly.

Dr. Southwick announced that ABS has applied to AAAS for affiliation with that organization. Dr. Wilson is our AAAS representative. AAAS will vote on our application at this Dallas meeting.

Report of Editor: (Dr. Hirsch)

- A. 83 manuscripts have been received since July; 17 of these have been accepted and sent to England; 27 have been rejected. (Last year 135 manuscripts were received - 55 were published.)

B. There is now a one year delay in publication and this will probably increase.

AIBS Relations: (Dr. Davis)

There will be a "Congress of Biologists" held in November, 1970 at Detroit. The meeting is intended to increase public understanding of biology. The meeting is supposed to be local and will be held in a different area each year.

Our AIBS dues have increased \$500 - they now stand at \$1,000.

Dr. Jessop inquired about the possibility of AIBS publishing a "Careers Bulletin" if one were prepared.

The question of our representation in the planning of this Congress was raised. Dr. McElroy has asked the Society for any suggestions which it may have.

Report of Program Chairman: (Dr. Vandenberg)

There will be no lantern slide projectors available at the AIBS meeting in Vermont, nor at other future meetings. Only 2 x 2 slide projection equipment will be provided.

The issue of Super-8 movie projectors was raised but Dr. Vandenberg was not sure whether this equipment would be available.

President Southwick thanked Dr. Vandenberg for his planning of the AAAS meeting program.

Policy Committee Report: (Dr. Barlow)

#### Future Meetings

1. There is and has been considerable pressure for a separate ABS meeting - separate in both plan and time. Such a meeting could still be approved by AIBS.
2. The policy committee suggests that we meet with AAAS and then have our own separate meeting.
3. This separate meeting should be held in the Spring - probably from a Friday to a Monday.
4. We should attempt to hold such a meeting in an attractive place such as Key West, Santa Barbara, or Puerto Rico.
5. The meeting should have morning plenary sessions, and afternoon contributed papers as in the Ethological Conference.
6. There should be a social center to serve as a collective area.
7. It does not seem that we would be competitive with other Societies or regional meetings.
8. Such a meeting would be more work for the Society than the present meetings.

A general discussion of this meeting plan followed. Some of the issues were:

Great deal of work and energy required.

This function partially served by the Ethological Conferences.

Should continue to meet with AAAS anyway.

We can only meet twice a year.

The first time that we met would be experimental.

Might meet in the same city each year - such as St. Louis.

There may be a problem in publishing abstracts.

We originally decided to meet with AAAS and AIBS because otherwise too few people would have attended.

The cost of such a meeting is difficult to predict.

We might meet in Monterey, Mexico. (This apparently would not be considered international travel.)  
We should be innovative.

Dr. Schein's motion (Proposed and passed at the Executive Committee meeting held on December 27th.) was then read. The motion was "That the membership positively explore the possibility of meeting late in the Spring of 1970, and that a committee of two or three people be appointed to investigate the time and place of the meeting. One of these committee members is to be the AIBS representative and one is to be the future President, 1st President-Elect, or 2nd President-Elect of ABS. The decision about the meeting is to be made by the membership at the December 29, 1968 Business Meeting." Carried.

It was further proposed and carried that "If the feasibility committee suggests an individual meeting, the proposal should go out to the membership to see if they will attend."

The choice of guest speakers at the ABS lunches was then discussed.

The meeting was adjourned at 6:20

SEPARATE ANIMAL BEHAVIOR SOCIETY MEETING: As noted above in the minutes of ABS business meeting, there was strong sentiment in favor of having ABS meet separately from AAAS and AIBS. Such a meeting would probably occur in the Spring of 1970. "The separate meeting could replace either our AAAS or AIBS meeting, or could be held in addition to scaled down activities at either. The host institution and local committee would have the major responsibility for arranging meeting places, projection equipment, housing, program, mailing and printing. The Society would welcome invitations from its membership for hosting this meeting. Arrangements should begin immediately. If you and your institution would like to host a meeting, please write to John A. King, Department of Zoology, Michigan State University, East Lansing, Michigan, 48823."

AAAS AFFILIATION: We have received notification of our election as an affiliate of AAAS. ABS is "entitled to name two Fellows of AAAS or members who are eligible for fellowship to represent it on the AAAS Council." Dr. E. O. Wilson is serving as one of our representatives on the AAAS Council.

IMPORTANT NOTICE

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POLICY CHANGE OF ASZ: The American Society of Zoologists is forced to charge each author a fee of \$15.00 for publication of an abstract in the "meeting" issue of the American Zoologist. Papers may not be presented at our next meeting unless this fee is paid.

Please read instructions of ASZ transmittal form carefully.

Bulk Rate  
U. S. Postage  
3.6 c PAID  
Boston, Mass.  
Permit No. 50212



Rec'd 3/14/69  
4 TM

**AMERICAN SOCIETY OF ZOOLOGISTS TRANSMITTAL FORM**  
**FOR PAPERS TO BE PRESENTED IN CONJUNCTION WITH CANADIAN SOCIETY OF ZOOLOGISTS**  
**MEETING WITH AIBS AT BURLINGTON, VERMONT**  
**AUGUST 17-22, 1969**

This program will be published in the August, 1969 issue of AMERICAN ZOOLOGIST.  
(NOTE: Next meeting will be held in December 1969 with the AAAS at Boston, Massachusetts)

**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 of 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. (E. Peter Volpe) 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 Program Officer *on or before MARCH 26, 1969.* 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 Member of C.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 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 1/4 x 4 slides cannot be accommodated.)  
 CHECK HERE IF A 16-MM. SOUND-FILM PROJECTOR IS NEEDED.
9. CLASSIFICATION OF PAPER. (Check appropriate choice; fill in last blank if necessary.)

<input type="checkbox"/> Animal Behavior	<input type="checkbox"/> Endocrinology	<input type="checkbox"/> Invertebrate Zoology
<input type="checkbox"/> Arthropod Physiology	<input type="checkbox"/> Evolution	<input type="checkbox"/> Parasitology
<input type="checkbox"/> Comparative Physiology	<input type="checkbox"/> Experimental Biology	<input type="checkbox"/> Protozoology
<input type="checkbox"/> Cytology	<input type="checkbox"/> General Physiology	<input type="checkbox"/> Radiation Biology
<input type="checkbox"/> Developmental Biology	<input type="checkbox"/> Genetics	<input type="checkbox"/> Vertebrate Morphology
<input type="checkbox"/> Ecology	<input type="checkbox"/> Histology	<input type="checkbox"/> Other (please specify)
<input type="checkbox"/> Systematic Zoology		

(NOTE: To facilitate handling and programming, make every effort to identify your paper with one of the Divisions of the society.)

(OVER)

**DIVISIONAL PROGRAM OFFICERS**

<p align="center"><b>COMPARATIVE ENDOCRINOLOGY</b> Robert D. Lisk Department of Biology Princeton University Princeton, N.J. 08540</p>	<p align="center"><b>COMPARATIVE PHYSIOLOGY &amp; BIOCHEMISTRY</b> Michael Greenberg Dept. of Biological Sciences Florida State University Tallahassee, Fl. 32306</p>	<p align="center"><b>DEVELOPMENTAL BIOLOGY</b> Hans Laufer Dept. of Biological Sciences University of Connecticut Storrs, Ct. 06268</p>	<p align="center"><b>INVERTEBRATE ZOOLOGY</b> Peter E. Pickens Department of Zoology University of Arizona Tucson, Arizona 85717</p>	<p align="center"><b>ANIMAL BEHAVIOR</b> John G. Vandenberg N.C. Dept. of Mental Health Box 7599 Raleigh, N.C. 27602</p>
<p align="center"><b>ECOLOGY</b> David Grant Department of Biology Davidson College Davidson, N.C. 28036</p>	<p align="center"><b>NOTE: 3 SPECIAL REQUIREMENTS FOR ABSTRACTS FOR THE DIVISION OF ANIMAL BEHAVIOR:</b> (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 <b>QUADRUPPLICATE</b>. (3) If papers are illustrated by lantern slides, the word "illustrated" should be added in the upper left-hand corner.</p>			

NOTE: The Divisions of Systematic Zoology and Vertebrate Morphology will not sponsor presented papers at this August meeting of the A.S.Z.

10. **PREPARATION AND MAILING OF ABSTRACTS** (see sample abstract at bottom of page):
  - a. **SPACING.** Abstract is to be double-spaced throughout, including author's name(s) and title of paper.
  - b. **UPPER RIGHT-HAND CORNER.** Designate classification of paper (choose one from item 9).
  - c. **FIRST LINE(S).** Give author's name(s) in **CAPITAL LETTERS** and institution(s).
  - d. **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.
  - e. **BIBLIOGRAPHIC REFERENCES AND FOOTNOTES.** Place in ( ) in text.
  - f. **GENERIC AND SPECIFIC NAMES.** These are to be underlined.
  - g. **LENGTH OF ABSTRACT.** It must not exceed 250 words. Longer abstracts will **NOT** be published.
  - h. **TABLES AND ILLUSTRATIONS.** None are to be included.
  - i. **ACKNOWLEDGEMENT OF RESEARCH SUPPORT.** Please place at end of abstract in ( ).
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 check or money order, made payable to the American Society of Zoologists, must accompany this transmittal form.* A published abstract is required for the presentation of a paper at the meeting.
12. **PERSON TO WHOM COPIES OF ABSTRACT AND TRANSMITTAL BLANK ARE TO BE MAILED:**
  - a. Papers will be assorted according to the Divisions of the society. Mail this transmittal form (completely filled out) and the original plus *two copies* of your abstract to the appropriate **DIVISIONAL PROGRAM OFFICER** listed above. **DEADLINE IS MARCH 26, 1969;** attach a \$15 check or money order to the abstract.
  - b. If your paper cannot be identified with one of the Divisions of the society, mail this transmittal form (completely filled out) and the original plus *two copies* of your abstract to E. Peter Volpe, Department of Biology, Tulane University, New Orleans, Louisiana 70118. **DEADLINE DATE IS MARCH 26, 1969;** attach a \$15 check or money order to the abstract.
13. **SAMPLE PARTIAL ABSTRACT:** (Please follow rigorously)

(Attach \$15 check or money order here)

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 U.S.P.H.S.)

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

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

**PLEASE NOTE:** Do **NOT** send requests for reprints of abstracts to the Program Officer. The reprint form may be obtained from: Mrs. Mary Wiley, Box 2739, California Lutheran College, Thousand Oaks, California 91360.