



NEWSLETTER

Animal Behavior Society

Vol. 29, No. 4
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A quarterly publication

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New Orleans, LA 70118

Section (Division) Animal Behavior and Sociobiology
American Society of Zoologists
Ecological Society of America

ALLEE AWARD WINNER

The 1984 Allee Award for the best student presentation in competition at the ABS annual meeting held in Cheney WA went to Charles R. Brown of the Department of Biology, Princeton University for the paper entitled Social foraging and information-sharing in cliff swallows, a benefit of coloniality. Honorable mention went to Kevin J. Cash of the Department of Zoology, University of Manitoba for the paper entitled Sibicide in the white pelican. The winner receives a \$250 cash award, and a certificate of recognition.

ABS FILM AWARDS

The Society is proud to announce the winners of our first film competition, held at the Cheney meetings. The Jack Ward Memorial Award went to Lincoln Brower, University of Florida for the film entitled A Strategy for Survival, the Monarch Butterfly. The Animal Behavior Society Award went to Roger Hanlon, Marine Biomedical Institution, Galveston, Texas, and Kennan Smart, Producer, BBC Natural History Unit for the film entitled Aliens from Inner Space.

1984 AMERICAN SOCIETY OF ZOOLOGISTS MEETING

December 27-30, 1984 --- Hosted by the University of Denver, with Dennis Barrett and James Platt as Co-Chairpersons of the local committee. Of particular interest to animal behaviorists:

- Thur 27- Human Ecology Symposium: Part of the Science as a Way of Knowing Program (Paul Erlich)
- Division of Animal Behavior Plenary Lecture (Jack Hailman).
- Contributed papers in animal behavior
- Fri 28- Division of Animal Behavior Business Meeting
- Ecology Symposium. Territoriality: Conceptual advances in field and theoretical studies. Arranged by F.L. Carpenter. Speakers include: Carpenter, Schoener, Hixon, McNair, Stamps, Sebens, Whitham, Hart, Johnson, Krebs, Mares, and Hamilton.
- Oral and poster papers in animal behavior
- Sat 29- Animal Behavior and Ecology Symposium: Patterns of dispersal among mammals and their effects on the genetic structure of populations. Arranged by B.D. Chepko-Sade and Z.T. Halpin. Speakers include: Chepko-Sade, Halpin, Gaines, Lidicker, Smith, Nelson, Berger, Mech, Pusey, Rogers, Rudran, Sade, Irons, O'Brian, and Smouse.
- Sun 30- Dispersal symposium continues. Speakers include: Waser, Shields, Templeton and Wade.

If you wish to receive information, contact Mary Wiley, ASZ, Box 2739, California Lutheran College, Thousand Oaks, CA 91360.

IMPORTANT

This issue contains the following materials that require your attention:

- Mail-in for ABS Graduate Programs in Animal Behavior Publication
- Transmittal Forms for the 1985 ABS- Raleigh National Meetings
- ABS Election of Officers and Constitutional Amendment Ballot

ABS TREASURER'S REPORT- 1984

Beginning Balance, 1 July 1983	\$107,548
Prior Period Adjustment	
secretary's fund	492
editor's fund	2,767
Beginning balance, as adjusted	\$110,807
Revenue received	
membership dues	
regular @ \$27	42,492
spouse @ \$9	405
student and emeritus @ \$17	12,104
subscribers	1,129
donations	63
labels	1,410
royalties	315
interest	13,825
from ASAB for editorial office	1,000
Total funds received	\$ 72,743
Expenditures	
ASAB for 2083 copies of journal	\$ 27,079
AIBS	963
President	0
Second President Elect	0
Editor	15,771
Program Officer	4,571
Secretary	2,560
Treasurer	3,838
Animal Care Committee	64
Total expenditures	\$ 54,846
Ending Balance, 30 June 1984	\$128,704

Report submitted by ABS Treasurer, H. Jane Brockmann.

PLEASE PAY DUES

1985 dues notices were recently sent out. Please respond ASAP to insure uninterrupted delivery of your journal, Newsletter, and other correspondence.

ANNOUNCEMENTS WELCOME

Please send items you wish placed in the Newsletter to: Terry Christenson, Dept of Psychology, Tulane University, New Orleans LA 70118.

JOB OPPORTUNITIES

ASSISTANT PROFESSOR- Applications invited for a tenure-track position beginning July 1, 1985. We are seeking a person who studies the behavioral biology of vertebrates. Preference will be given to a candidate who emphasizes physiological or evolutionary mechanisms. Candidates should submit a curriculum vitae (including a list of publications, a summary of research and teaching objectives), and names and addresses of at least three references. Deadline for receipt of applications is February 1, 1985. Send material to: Behavioral Search Committee, Dept of Biology, Univ of California, Los Angeles, CA 90024.

ASSISTANT PROFESSOR- Tenure track position in biopsychology starting Fall of 1985. Competence in the following areas desirable: the functions and mechanisms of behavior, behavioral ecology, evolutionary theory, animal learning, biological bases of human behavior, statistics and computer control of experimental apparatus. Teach: introductory psychology, experimental psychology, biopsychology, statistics and supervise senior research theses. Oversee maintenance and continued development of a computerized animal research laboratory. Applicants should have completed all requirements for the Ph.D. by the start of the Fall semester, have had some teaching experience and be actively engaged in biopsychological research. Females and minority persons are especially urged to apply. Application deadline: November 12, 1984. Send curriculum vitae and three letters of recommendation to: Dr. Sidney I. Perloe, Chairman, Dept of Psychology, Haverford College, Haverford, PA 19041.

SENIOR FIELD BIOLOGIST- To conduct a study in Cape Ann, MA of various salt marsh mosquito control practices on birds, marsh vegetation and minnows. The project involves intensive field work. Experience in research design of population studies, good writing skills, and ability to relate to public audiences and government regulators required. Position open only to recent graduates, Master's at a minimum, Ph.D. preferred. Start in March. Please send resume to MBO, Box 936, Manomet, MA 02345.

FIELD ASSISTANTS- Three 4-5 month positions, beginning March 15, 1985. Project on mating system of the thirteen-lined ground squirrel in Norman, OK. Previous outdoor work experience desirable. \$600 per month. Send resume plus names and phone numbers of three references to: P.L. Schwagmeyer, Dept of Psychology, University of Oklahoma, Norman, OK 73019. Applications due by January 15, 1985.

FIELD/LAB ASSISTANTS- Three 3 month field positions starting April 1, 1985 on Texas coast, and three 2 month lab positions starting May 1, 1985 in Norman OK. Both on siblicidal aggression in great egrets. Previous research experience desirable. Salary \$500 per month plus free housing for field positions, \$600 per month without housing for lab positions. Send resume plus names and phone numbers of at least three references to: Douglas W. Mock, Dept of Zoology, University of Oklahoma, Norman, OK 73019. All applications due by January 15, 1985. Positions and salary levels for this project contingent on funding.

ABS FILMS

The Second Annual Animal Behavior Society Film Competition will be held at the Raleigh, North Carolina Meeting June 24-28, 1985. Members, please send information to Pat DeCoursey, film chairperson, on any good new amateur or professional animal behavior films suitable for showing at the Raleigh meetings. Competition will be in two classes: 1) The Jack Ward Memorial Film Award for a film produced during the past five years, initiated and largely produced by an amateur individual without intent of monetary gain. The finalist will be presented with a check for \$250 and a handsome certificate. 2) The Animal Behavior Society Film Award for the best commercially produced animal behavior film of the past five years. The award is a large walnut and brass plaque inscribed with details of the award. Both categories will be judged on the merits of general effectiveness and overall appeal, visual and audio quality, insight into currently important topics in animal behavior, as well as originality and creativity of the film. A variety of film media are acceptable including video tapes, film (we have difficulty in high quality production of super-8 format), or even multimedia. All applicants must submit a brief entry form to the film committee chairperson by March 15, 1985 in order that semi-final selections can be made and printed in the Meeting Program. Applicants should also be able to submit a copy of their production for previewing by the Film Committee Chairperson before March 15. Entry forms and judging criteria are available from Dr. Pat DeCoursey, Biology Dept, University of South Carolina, Columbia S.C. 29208.

NEW ABS LOGO

A committee has been formed (Joan Lockard, Chair; and Becky Dnytryk, Elizabeth Hill and George Waring as volunteer members) to receive your ideas for a new ABS logo to adorn all official documents of the Society. Please submit your ideas, drawing, or sketches to: Joan Lockard, Dept of Psychology (NI-25), University of Washington, Seattle, WA 98195. Final selection will be made by the membership at large during the Raleigh meetings.

MIDWESTERN REGIONAL ANIMAL BEHAVIOR MEETING

To be held March 22-24, 1985 at Miami University in Oxford, Ohio. Requests for information should be directed to the local host, Douglas Taylor, Dept of Zoology, Miami University, Oxford, OH 45056. Members will receive a mailer from the local host.

UPCOMING ABS AND ASZ MEETINGS

1985 ABS- June 23-28 at North Carolina State University in Raleigh. Local host is George Barthalmus.
1986 ABS- June 8-13 at University of Arizona in Tucson. Local host is Astrid Kodric-Brown.
1985 ASZ- Dec 27-30 in Denver.
1986 ASZ- Dec 27-30 in Baltimore.
1987 ASZ- Dec 27-30 in New Orleans.

For information on programs, contact the ABS Program Officer, Lee Drickamer at: Dept Biology, Williams College, Williamstown, MA 01267. Sites are needed for the 1987 ABS national meeting. If you are interested, contact the ABS President, Colin Beer, at the Institute of Animal Behavior, Rutgers University, Newark, N.J. 07102

Instructions for the Questionnaire:
Graduate Programs in Animal Behavior

The last edition of "Graduate Programs in Animal Behavior" appeared in 1981 and is now considerably out-of-date. At the request of the ABS Executive Committee, the Education Committee plans to up-date this important source of information for distribution at the 1985 ABS annual meeting. We need your help.

In an on-going attempt to make this document as useful and as informative as possible, we are requesting somewhat more detailed information organized in a slightly different format than previously. We hope to gather information about every graduate department or program in North America in which students are trained in animal behavior. Unfortunately, in most cases animal behavior is a degree area or program within a larger unit (department or division) such as Zoology or Psychology, rather than a full department. This makes it difficult not to overlook individuals staffed in departments having a quite different focus (e.g., Veterinary Medicine, Pharmacy). In small departments, one person (the chairperson, graduate coordinator or knowledgeable faculty member) may be able to provide all of the requested information; in larger departments individual responses may be more appropriate. However, please DO NOT ASSUME that your colleagues will be providing information about you or your department in general. We would rather have redundant information than no information at all.

Because your responses will be entered into a computer for sorting and printing, errors or misspellings will result in lost or non-retrievable information. It is therefore VERY IMPORTANT that you check your responses for accuracy and legibility. Please type or neatly print them.

Most of the form should be self-explanatory, but some items require further explanation. The top portion of the form requests information about your department/program, and is relatively straightforward. The bottom portion requests information about you. For the item labelled "General Research Area" please write in the terms BEST describing your research areas choosing up to 5 from the attached list of Subject Areas in Animal Behavior. For "Specific Research Specialties", indicate your specific research interests in as much detail as you wish using any phrases you wish. Under "Organisms Studied" first list the common names of up to 5 species or groups that you work with. Then indicate the classification of each (class, order, superfamily or family) by selecting taxa from the attached Animal Group Listing. Finally, list the titles of up to 3 recent publications that are representative of your research. Please refer to the attached example as a model for formatting your responses.

Please DUPLICATE THIS FORM for colleagues in your own or other departments at your institution who actively advise students in animal behavior, but who may not be ABS members or who do not receive the newsletter.

Fold and tape the completed form(s) and send to the address printed on the back of the form by DECEMBER 20, 1984. That address is: Dr. Robert W. Matthews, Department of Entomology, University of Georgia, Athens, GA 30602. Your cooperation in this effort will help to make this directory as complete as possible and therefore of maximal usefulness. The Education Committee greatly appreciates your cooperation in this important task.

THE EDUCATION COMMITTEE

Robert Matthews, Chair
Christine Boake
Theodore Burk
Daniel Estep
Thomas Rambo
Naida Zucker

SUBJECT AREAS IN ANIMAL BEHAVIOR

This subject listing is based on the categories adopted by ANIMAL BEHAVIOR ABSTRACTS. Certain modifications have been incorporated and the listing is presented alphabetically.

- | | | | |
|---|--|--|---|
| APPLIED ETHOLOGY:
- Companion Animals
- Domestic Animals
- Wildlife
- Other: _____ | DEVELOPMENT/ONTOGENY

DRUG STUDIES

ENDOCRINE/HORMONAL MECHANISMS | METHODOLOGY:
- Data Collection/Analysis
- Theoretical Models
- Other: _____ | SENSORY MECHANISMS:
- Audition
- Chemical
- Vision
- Other: _____ |
| BEHAVIORAL ECOLOGY
- Foraging
- Habitat Selection
- Orientation/Navigation/
Migration/Homing
- Predator/Prey Interactions
- Territoriality
- Other: _____ | EVOLUTION/SURVIVAL VALUE

FEEDING/INGESTION

HUMAN ETHOLOGY | MOTIVATION/EMOTION

NATURAL HISTORY/DESCRIPTIVE STUDIES | SLEEP

SOCIAL BEHAVIOR:
- Aggression
- Dominance
- Parental/Filial
- Sex and Reproduction
- Social Spacing
- Other: _____ |
| BEHAVIORAL GENETICS | LEARNING:
- Avoidance
- Complex
- Discrimination
- Habituation/Extinction
- Memory
- Reinforcement (positive)
- Other: _____ | NEURAL MECHANISMS
- Brain Lesions
- Brain Stimulation
- Neurophysiological
Correlates
- Other: _____ | MISCELLANEOUS/OTHER:
- _____ |
| BIOLOGICAL RHYTHMS | LOCOMOTION | PLAY

SELF-MAINTENANCE | |
| COMMUNICATION:
- Acoustic
- Chemical
- Visual
- Other: _____ | | | |

ANIMAL GROUP LISTING

This listing of animal taxa follows the phylum classification used in BIOLOGICAL ABSTRACTS. In the case of the larger groups, Class, Order, and (where appropriate) Superfamily and Family names are also listed, in alphabetical order. Please classify your animal group using this listing.

- | | | | |
|-----------------|------------------|---------------------|-------------------|
| Protozoa | - Insecta | - Aves | - Chiroptera |
| Porifera | - Coleoptera | - Anseriformes | - Edentata |
| Cnidaria | - Diptera | - Apodiformes | - Insectivora |
| Ctenophora | - Heteroptera | - Apterygiformes | - Lagomorpha |
| Platyhelminthes | - Homoptera | - Caprimulgiformes | - Leporidae |
| - Cestoda | - Hymenoptera | - Charadriiformes | - Ochotonidae |
| - Trematoda | - Isoptera | - Ciconiiformes | - Marsupialia |
| - Turbellaria | - Lepidoptera | - Columbiformes | - Monotremata |
| Acanthocephala | - Odonata | - Coraciiformes | - Perissodactyla |
| Aschelminthes | - Orthoptera | - Cuculiformes | - Equidae |
| - Nematoda | - Other: _____ | - Falconiformes | - Rhinocerotidae |
| - Rotifera | - Chelicerata | - Galliformes | - Tapiridae |
| Ectoprocta | - Arachnida | - Gaviiformes | - Pholidota |
| Brachiopoda | - Acarina | - Gruiformes | - Pinnipedia |
| Mollusca | - Other: _____ | - Musophagiformes | - Primates |
| - Cephalopoda | Echinodermata | - Passeriformes | - Callithricidae |
| - Gastropoda | - Asteroidea | - Pelecaniformes | - Cebidae |
| - Pelecypoda | - Crinoidea | - Piciformes | - Cercopithecidae |
| Sipunculoidea | - Echinoidea | - Podicipediformes | - Homiidae |
| Annelida | - Holothuroidea | - Procellariiformes | - Indridae |
| - Hirudinea | - Ophiuroidea | - Psittaciformes | - Lemuridae |
| - Oligochaeta | Chordata | - Rheiformes | - Loriscidae |
| - Polychaeta | - Pisces | - Sphenisciformes | - Pongidae |
| Echiuroidea | - Agnatha | - Strigiformes | - Tarsidae |
| Linguatulida | - Chondrichthyes | - Struthioniformes | - Tupaiidae |
| Tardigrada | - Osteichthyes | - Tinamiformes | - Proboscidea |
| Arthropoda | - Amphibia | - Trogoniformes | - Rodentia |
| - Crustacea | - Apoda | - Mammalia | - Castoridae |
| - Myriapoda | - Caudata | - Artiodactyla | - Cavidae |
| | - Saliencia | - Bovidae | - Cricetidae |
| | - Reptilia | - Camelidae | - Dasyproctidae |
| | - Chelonia | - Cervidae | - Dipodidae |
| | - Crocodilia | - Giraffidae | - Heteromyidae |
| | - Sauria | - Hippopotamidae | - Muridae |
| | - Serpentes | - Suidae | - Sciuridae |
| | | - Tayassuidae | - Other: _____ |
| | | - Carnivora: | - Sirenia |
| | | - Canidae | |
| | | - Felidae | |
| | | - Hyainidae | |
| | | - Mustelidae | |
| | | - Procyonidae | |
| | | - Ursidae | |
| | | - Viverridae | |
| | | - Cetacea | |

MINUTES OF THE ANIMAL BEHAVIOR SOCIETY

ANNUAL BUSINESS MEETING

15 AUGUST 1984

EASTERN WASHINGTON UNIVERSITY, CHENEY, WASHINGTON

(Items concerning ABS Policy are preceded by *; those concerning Constitution and/or Bylaws are preceded by **)

1. President Kleiman called the meeting to order at 0950 hours PDT.

2. Kleiman introduced the current officers, officers-elect, and Standing Committee Chairpersons.

3. Local Host Christopher reported that 417 people had registered for the meeting.

4. A MOTION to waive the reading of and approve the Minutes of the 23 June 1983 Business Meeting was PASSED. The minutes were published in the August 1983 ABS Newsletter.

5. Secretary Gauthreaux read a summary of the major actions taken at the Executive Committee (E.C.) meetings on 12 and 14 August 1984, as well as the annual reports of Officers and Committee Chairpersons:

The meeting was called to order by President Kleiman on 12 August 1984 at 0918 hours PDT. [The E.C. meeting was adjourned on 12 August 1984 at 1620 hours PDT and called to order by President Kleiman on 14 August 1984 at 1711 hours PDT.] Present were Edward M. Barrows (AIBS Rep.), George Barthalmus (1985 Local Host), Colin G. Beer (First President-Elect), H. Jane Brockmann (Treasurer), Edward H. Burtt, Jr. (Parliamentarian, Org. & Bylaws Comm.), Terry E. Christenson (incoming Secretary), Steven Christopher (Local Host), Patrick Colgan (Editor), Pat DeCoursey (for Wayne Aspey, Film Comm.), Lee C. Drickamer (Program Officer), Daniel Q. Estep (for Robert W. Matthews, Education Comm.), Sidney A. Gauthreaux (Secretary), Zuleyma T. Halpin (Animal Care Comm.), Miles H. A. Keenleyside (Membership Comm.), Devra G. Kleiman (President), Astrid Kodric-Brown (1986 Local Host), Philip N. Lehner (Member-at-Large), Sarah Lenington (Member-at-Large), Joan S. Lockard (incoming Member-at-Large), Elizabeth Adkins Regan (Member-at-Large), Martin W. Schein (Historian), John G. Vandenberg (Past-President), and George Waring (Public Affairs Comm.).

a. MOTION: That the minutes of the 19 and 23 June 1983 Meetings of the Executive Committee of the Animal Behavior Society be accepted and approved. PASSED.

b. George Barthalmus (1985 Local Host) presented a preliminary report on plans for the 23-28 June 1985 meeting at North Carolina State University, Raleigh. Registration fees will be \$45 for a regular member and \$25 for a student member.

c. President Kleiman and Historian Schein reported that the E.C. has voted to deposit the ABS archives with the Smithsonian Institution (excluding material from the office of the U.S. editor of Animal Behaviour-Journal archives are at the University of Akron). Smithsonian archivist, William Deiss, and ABS Historian Martin Schein will coordinate the transfer of material.

MOTION: That Millicent Ficken and Keith Waddington be added to the Membership Committee with terms expiring in 1987. PASSED.

d. Past-President Vandenberg reported on the actions of the Nominations Comm. (composed of the last three ABS Presidents).

* MOTION: That the Treasurer shall be charged with the responsibility of maintaining the Society's records on Fellows. PASSED. This will change Policy which required the Past-President to maintain the Society's records on Fellows.

MOTION: That ABS negotiate with the editor of the Journal of Experimental Zoology (currently Clement Markert) about creating a separate section on animal behavior in the journal to be sponsored by the Division of Animal Behavior of ASZ. PASSED.

e. MOTION: That the Division of Animal Behavior approve the granting of the \$1000 allocation from ASZ for the Diane Chepko-Sade and Zuleyma T. Halpin symposium on mammalian dispersal to be held at the 1984 annual meeting of ASZ in Denver, CO. PASSED.

f. The report of Second President-Elect Altmann was discussed. Twelve applicants completed the requirements for the 1984 Allee Competition. Aspey could not serve as a judge this year.

MOTION: The judges for the Allee competition at the August 1984 ABS meeting will be Elizabeth Adkins Regan (presiding), Michael Bucher, and Gail Michener. PASSED.

g. Treasurer Brockmann reported that the Society is in good financial shape; no dues increase will be required. Mastercharge and Visa will be accepted for the payment of dues. The financial statement for the FY ending 30 June 1984 will appear in the ABS Newsletter.

h. Burtt reported that the Policy Comm. recommends that ABS establish a Small Research Grants Program. The Research Grants should be not more than \$1000 and available to all ABS members. The Research Awards Committee should be composed of three Members-at-Large and three presidential appointees.

* i. MOTION: That the E.C. recommends the establishment of a Poster Presentation Award for the best poster presentation at an ABS annual meeting. PASSED. This will require Bylaws changes. The First President-Elect would appoint three judges. Members will elect to be considered for the award at the time abstracts are submitted.

j. The report of the Film Committee was presented by DeCoursey (for Aspey). The Film Awards were discussed. In the context of the two awards, the following definitions shall apply:

Non-commercial: Made by an individual largely associated with animal behavior from a teaching, research, and/or applied perspective; the assistance of professional photographers or a university media/photography department is allowed, but the film must be made primarily for educational/research purposes and not with the major goal of grossing an income for the individual or the professional photographers. Typically, it is the individual who initiates the film's production.

Commercial: Made by professional photographers/filmmakers with the express purpose of grossing a net profit; the film is promoted through extensive advertising and may be shown on national television as part of an on-going series (example: National Geographic serials, Oxford Films). Various scientists may or may not be used as consulting experts, but typically the scientist is not the individual initiating production of the film.

* MOTION: That the ABS will have two film awards: 1) The Jack Ward Memorial Film Award of \$250 plus a certificate for the best non-commercial film in animal behavior presented at an annual meeting of the ABS; 2) the Animal Behavior Society Film Award of a plaque for the best commercial film in animal behavior presented at an annual meeting of the ABS. PASSED.

MOTION: That Patricia DeCoursey be the new Chair of the Film Committee. PASSED.

k. Editor Colgan reported that 223 papers and 53 short communications were submitted to Animal Behaviour (vs. 220 and 51 in the previous year). Acceptance rates were 40% for papers and 51% for short communications. The mean time to decision on manuscripts was 10.5 weeks (vs. 11.3 last year). The mean time from receipt of final revision to publication was 8.5 months. Sixteen book reviews were received; 15 books were sent out for review.

Copy editor Sylfest Muldal will be leaving the office; the E.C. directed the President to write a letter of appreciation to copy editor Sylfest Muldal in recognition of his outstanding services to the Society.

1. MOTION: That the symposium, "Behavior as a factor in the population biology of Cricetid and Muroid rodents," organized by Lee C. Drickamer for the 1985 ASZ meeting in Baltimore be accepted. PASSED.

MOTION: That ABS and DAB-ASZ co-sponsor a workshop, "Computer-assisted analysis of 14C-2-deoxy-D-glucose autoradiographs," with the division of Vertebrate Morphology of ASZ for the 1985 ASZ meeting in Baltimore. PASSED.

m. MOTION: That the ABS President shall write a letter of appreciation to Anna E. Ross who has provided valuable and dedicated services to the ABS by assisting the Secretary. PASSED.

** n. MOTION: That in order to allow activation of a behavioral ecology section of the Ecological Society of America, the ABS Constitution (Article 8, Section 1) and Bylaws be amended to terminate formal association of ABS with the Ecological Society of America. PASSED. This proposed amendment will be submitted to the membership by mail as part of the ballot in the November ABS Newsletter. If the proposed amendment is approved by a 2/3 vote, the Bylaws (Article II, Section 1, subsection d) must also be changed, this change can be accomplished by the same ballot or by vote at the following annual business meeting.

o. Estep presented the report of Education Comm. Chair Matthews. The new edition of the Graduate Programs in Animal Behavior Directory will be produced in 8 1/2 X 11 inch format. The Graduate Programs Directory is scheduled for publication before the 1985 annual meeting.

p. Membership Comm. Chair Keenleyside presented his report. Discussion included the production and distribution of the new ABS membership directory. Treasurer Brockmann will solicit phone numbers with the next dues notice. A new brochure for prospective ABS members is being prepared.

Regular Members	1445	Non-members:	
Student Members	625	Journal subscribers	35
Spouse Members	40	Newsletter subscribers	11
Emeritus Members	14		46
Fellows	42		
Emeritus Fellows	6		
	2172		

An ad hoc Committee Chaired by Joan Lockard will report back to the E.C. on the development of a Logo for ABS. Suggestions for designs and volunteers for committee membership are solicited.

q. Animal Care Comm. Chair Halpin reported that a revision of the joint ASAB-ABS Guidelines for the use of animals in research is being prepared. Once approved, the Guidelines are to be published in Animal Behaviour.

MOTION: That Zuleyma T. Halpin serve one additional year as Chair of the Animal Care Committee. PASSED. Halpin's term will now end in 1985.

r. Member-at-Large Lenington (Chair of the ad hoc Comm. on Certification) led a discussion of the possible certification of "animal behaviorists."

* MOTION: That ABS drop the issue of certification. PASSED. This issue may be re-examined in the future.

* s. MOTION: That any newly adopted ABS Policy statement should include whether or not the Policy statement was passed by the E.C. alone or was also approved at a Business Meeting. PASSED. The E.C. cannot change Policy generated at a Business Meeting. Note that Policy items adopted by the E.C. are often subsequently approved at a Business Meeting.

t. Kodric-Brown has looked into the feasibility of having the 1986 ABS meeting in Tucson. President Kleiman thanked Kodric-Brown for her patience and cooperation.

The E.C. meeting was adjourned at 1915 hours PDT on 14 August 1984.

6. Parliamentarian Burt discussed the following items:
* The E.C. recommends that ABS establish a Small Grants Program. This will require amendment of the Constitution and changes in the Bylaws. [See item 5.h. above.]

** The Policy Comm. and the E.C. recommend that the following changes in the ABS Constitution (last revision Oct. 1983) be submitted to the membership for approval:

Article 7 should be amended to add "j. Research Awards" to the list of Standing Committees of the Society.

Article 7 should be amended to remove the underlined phrase "a. Membership (Secretary ex officio)". [a "cosmetic" change]

Article 13, Section 1.b. should be deleted or amended to permit the granting of awards and small research grants.

** If the membership votes to establish the Standing Comm. on Research Awards, the following changes in the ABS Bylaws (last revision Oct. 1983) are suggested:

A section should be added to Article IV on duties of the committees. The section (10) should define the composition and duties of the Research Awards Committee.

A section should be added to Article VI on awards. The section should define the Research Awards.

** The E.C. recommends that Article IV Section 2.c. of the ABS Bylaws be changed by deleting the underlined word: "c. Shall meet at least once at the annual business meeting. Advisory members may be appointed for one year terms as needed." This requires that the Policy Comm. meet at the annual meeting but not necessarily at the business meeting.

7. Treasurer Brockmann reported that the publisher of Animal Behaviour is now Holt Saunders. ASAB has asked ABS members not to put their journals in local libraries (library subscriptions support the cost of journal production).

8. Program Officer (and U.S.E.C.C. Secretary) Drickamer reported that a Travel Grant Proposal has been submitted to NSF; if funded, this will be used for travel awards to "young scientists" attending the 1985 I.E.C. in Toulouse, France. Information will appear in the ABS Newsletter.

The 1987 International Ethological Conference will be held at the end of August in Madison, WI. It will be a closed meeting.

9. President Kleiman introduced 1985 Local Host Barthalmus (N.C. State, Raleigh) and 1986 Local Host Astrid Kodric-Brown (Univ. of Arizona, Tucson); the 1986 meeting is scheduled for the week of 8-13 June. Drickamer has suggested that the 1987 ABS annual meeting might be held at Williams College, Williamstown, MA, in June; other suggestions for a 1987 meeting site in the northeast are welcome.

10. The meeting was adjourned at 1040 hours PDT.

Respectfully submitted,

Sidney A. Gauthreaux, Jr.
Sidney A. Gauthreaux, Jr.
ABS Secretary (June 1981-August 1984)

1985 ANNUAL MEETING OF THE ANIMAL BEHAVIOR SOCIETY

23 - 28 JUNE 1985, NORTH CAROLINA STATE UNIVERSITY,

NORTH CAROLINA

CALL FOR PAPERS: A Transmittal Form and Abstract Preparation Form for contributed papers are included in this Newsletter. There are three types of contributed papers: 20 min (15 min for presentation and 5 min for discussion), 5 min papers and poster papers. ABS members may present or sponsor only one contributed paper at an Annual Meeting. When a member co-authors with a nonmember who is presenting the member is sponsoring that paper. A member may also show one film and participate in an invited paper session or symposium in addition to giving or sponsoring one contributed paper. Members may present or sponsor 20 min papers in consecutive years. It is expected that the research reported at an Annual Meeting complies with all applicable laws concerning animal care. See the May 1983 Newsletter for the ABS guidelines. Transmittal and Abstract Forms as well as inquiries concerning the program should be directed to the ABS Program Officer, Lee C. Drickamer, Biology Department, Williams College, Williamstown, MA 01267

DEADLINE FOR RECEIPT OF ABSTRACTS --- 1 MARCH 1985 - FIRM

POSTER PAPERS are strongly encouraged. Participation will facilitate more discussion, perusal of data, and one-to-one exchanges of ideas. We will continue the evening format for poster sessions at the Raleigh meeting.

FILMS: The ABS has two annual film awards. The Jack Ward Memorial Film Award is a cash award for the best film presented by a non-commercial film maker at the Annual Meeting. The ABS Film Award is a non-cash award for the best film presented by a commercial film maker at the Annual Meeting. These awards need not be presented annually. We are looking for new and original films to include on the program. Please contact the Film Committee Chairperson regarding submission of films. Write to Dr. Patricia DeCoursey, Biology Department, University of South Carolina, Columbia, SC 29208 or Phone (803) 777-3934.

ALLEE AWARD: The W.C. Allee Award will be presented for the outstanding student paper at the 1985 ABS Annual Meeting. Any independent student research which is unpublished at the time of submission for the competition is eligible for this cash award so long as the student has not competed before and has not had the final defense of the doctoral dissertation prior to the preceding ABS Annual Meeting. All papers must be single authored. To compete, send the Transmittal and Abstract Forms to the Program Officer (by 1 March 1985), and four copies of a written version of the paper to: Dr. Gordon Burghardt, Department of Psychology, University of Tennessee, Knoxville, TN 37916. The written manuscript must not exceed 7 pages of double-spaced typewritten text; it may include no more than 4 tables and figures and should be completed in the Animal Behaviour format.

DEADLINE FOR RECEIPT OF THE WRITTEN TEXT IS 1 APRIL 1985

INVITED PAPER SESSIONS: The deadline for submission of proposals for both invited paper sessions and symposia is 1 November 1984. Contact the Program Officer for information.

REGISTRATION AND HOUSING: Information will appear in the February 1985 ABS Newsletter. For further information please contact the local host, Dr. George Barthalamus, Dept. of Zoology, North Carolina State University, Raleigh, N.C. 27650.

ANIMAL MISBEHAVIOUR: Sparked by the overwhelming success of the 1984 issue, interest has again been expressed in publishing this renowned and important journal for 1985. Those of you who volunteered to submit material (!) and any others who want to help by submitting material for possible inclusion should contact the Editor, Dr. Steve Rebach, Dept. of Natural Sciences, University of Maryland - Eastern Shore, Princess Anne, MD, 21853 (phone 301-651-3979).

ADVANCED WARNING: At the request of many who have attended the past several ABS Annual Meetings it is the intention of the Program Officer to attempt to enforce the original rule regarding 20 min contributed papers. That is, 15 min for actual presentation and 5 min for discussion. PLEASE PLAN ACCORDINGLY FOR THE 1985 MEETING! Please limit the length of your paper presentation to 15 min and practice before to adhere to the limit!

INTERNATIONAL ETHOLOGICAL CONFERENCE

You should have received a second circular concerning the Toulouse, France meetings, to be held 24 August-2 September, 1985. If you have questions concerning registration, housing, or the program, contact Ethologie '85, Departement de Biologie due comportement, 118, route de Narbonne (Bat IVR 3), 31062 Toulouse Cedex, France.

It is possible that there may be travel support for the meetings. Because of reviewing schedules, it will not be known whether money will be available prior to the Spring of 1985. The USECC has agreed to use the funds, if they are awarded, to support approximately 25 young U.S. scientists- defined here as those who received the Ph.D. in the years 1978-1984 or who will be completed by the end of 1985. Some preference will be given to those who did not receive travel funding for either the Oxford meeting in 1981 or the Brisbane meeting in 1985, but no one who is eligible should be discouraged from applying. To apply for these funds submit the following items to Dr. Lee Drickamer, Biology Dept, Williams College, Williamstown, MA, 01267: (1) nine copies of a 1-2 page curriculum vitae (2) nine copies of the abstract you are submitting for consideration for the IEC-Toulouse program, and (3) 1 or 2 letters of recommendation. For those who anticipate completion of the Ph.D. during 1985, it is desirable that the major professor include an assurance that the degree will be done by that time. Incomplete applications will be returned. Deadline: All materials must be in by February 1, 1985.

ANIMAL CARE GUIDELINES

Current ABS guidelines were published in the May 1984 ABS Newsletter.

ANNOUNCEMENTS

UNIVERSITY RESEARCH EXPEDITIONS PROGRAM- For information, contact UREP, University of California, Desk K2, Berkeley, CA 94720 or call (415) 642-6586.

SYMPOSIUM: COMPETITION AND COEXISTENCE- The Zoological Society of Southern Africa is holding this symposium at the University of Natal in Pietermaritzburg, Republic of South Africa, July 23-26, 1985. Topics of interest: competition for space, experimental studies of competition theory, trophic niche separation, multigrazer systems, competition, evolution and speciation, coexistence, and parasitism and symbiosis. Those wishing to present on the above or related topics should submit titles no later than 1 February, 1985. For further information write to: Dr. Graham C. Hickman, Organizing Committee Member, Dept of Zoology, PO Box 375, Pietermaritzburg Natal 3200, Republic of South Africa.

NORTHERN FOREST OWLS SYMPOSIUM- An international symposium on the Great Gray Owl and other northern forest owls will be held in Winnipeg, Manitoba, Feb 1987. Papers and workshops on: capturing, marking, sexing and aging techniques, radio telemetry, habitat requirements and management, ecology, conservation and species status. Suggestions are welcome. For further information contact: Dr. Merlin W. Shoesmith, Biological Services, Manitoba Wildlife Branch, Dept of Natural Resources, Box 14, 1495 St. James St., Winnipeg, Manitoba R3H 0W9 Canada.

THE AMERICAN ORNITHOLOGISTS' UNION- announces research awards competition for 1985. The Josselyn Van Tyne and Alexander Wetmore Memorial Funds are available to students and to others without recourse to regular funding. The Van Tyne Awards are for research on any aspect of avian biology; Wetmore Awards are limited to research on taxonomy and systematics of birds and secondarily on neotropical birds. The total in each fund available for distribution annually is usually around \$2,500.; multiple awards from each fund are granted annually. Application forms and guidelines for applications may be obtained by sending a SELF-ADDRESSED, STAMPED, LETTER SIZED ENVELOPE to: AOU-Research Awards Committee, c/o Dr. P.A. Gowaty, Dept of Biological Sciences, Clemson University, Clemson, S.C. 29631. Requests for forms and guidelines are being filled now. Application deadline is 15 January 1985.

MANOMET BIRD OBSERVATORY AWARD: The MBO is pleased to announce the Kathleen S. Anderson Award for support of avian research in: migration, feeding ecology, habitat fragmentation, populations, competition, shorebirds, and endangered species. A total of \$1000 will be awarded. Any person, of any age, beginning a career in biology is eligible. Deadline for submission of proposal is Feb. 15, 1985. Please address inquiries to: Anderson Award, Manomet Bird Observatory, Box 936, Manomet MA 02345.

AIBS- Peter H. Raven, President of the American Institute of Biological Sciences and Director of the Missouri Botanical Garden, has announced the results of elections recently held for positions in the governing bodies of the Institute. Newly elected are: President-Elect- W. Donald Duckworth (Bishop Museum in Honolulu, HA), Secretary-Treasurer- Paul A. Opler (U.S. Fish and Wildlife Service in Fort Collins, CO), new members of the 12-person Board of Directors: J. Artie Browning (Texas A & M Univ), M. Lynn Corn (Legislative Assistant for Science and Environment, U.S.H.R.), J. Patrick Jordan (Colorado State Univ), and Boyd R. Strain (Duke Univ), and new members of the 42-person AIBS Council: Jane Butler Kahle (Purdue Univ), and Orle L. Loucks (Butler Univ).

ANIMAL BEHAVIOR SOCIETY DIRECTION OF CORRESPONDENCE

ABS PRESIDENT-- Colin Beer, Inst. Animal Behavior, Rutgers Univ, Newark, N.J. 07102

ANIMAL BEHAVIOUR--Manuscripts, Reviews, Editorial Policy:

Patrick Colgan, Editor
Dept of Biology, Queens University
Kingston Ontario K7L 3N6 Canada

ANIMAL BEHAVIOUR-- Missing Issues, Duplicate or Defective Issues, Back Issues:

H. Jane Brockmann, ABS Treasurer
Dept of Zoology, Bartram Hall
University of Florida, Gainesville, FL 32611

ABS NEWSLETTER and general correspondence to the Society: deadline for Feb ABS Newsletter Jan 1, 1985
Terry Christenson, ABS Secretary
Dept of Psychology, Tulane University
New Orleans, LA 70118

MEMBERSHIP--Dues, Changes of Address, Membership Applications, Membership Lists:

H. Jane Brockmann, ABS Treasurer
Dept of Zoology, Bartram Hall
University of Florida, Gainesville, FL 32611

FOR MEMBER-AT-LARGE:

STEVE ANDERSON FLATT Birthdate: August 14, 1940
Education: B.A. 1962 Albion College
 M.A. 1964 Mich State Univ
 Ph.D. 1972 U of Illinois
Present Position: Professor of Psychology,
 Northern Michigan University.
Research Interests: The behavior of a wide
 variety of species, including millipedes, sow
 bugs, cockroaches, goldfish, quail, wolves,
 rats and humans; since 1978, particularly the
 identification of and selective breeding for
 learning in Drosophila.
ABS Activities: Member of Organization and Bylaws
 Committee, 1983-Present; chaired a number of
 sessions at ABS annual and regional meetings;
 assisted in organizing annual meetings and
 soliciting chairpersons.

GAIL R. MICHENER Birthdate: February 28, 1946
Education: B.Sc. 1966 U Adelaide, Aus.
 Ph.D. 1972 U of Saskatchewan
Present Position: NSERC University Research Fellow
Research Interests: Behavioural ecology of ground
 squirrels, mating systems and social
 organization.
ABS Activities: Reviewer for Animal Behaviour.

CONSTITUTIONAL AMENDMENTS: RESEARCH AWARD

At its 1984 meeting the executive committee of the
 ABS approved the use of interest earnings for the
 support of behavioral research. The grants are not
 to exceed \$1000 per member, are available only to
 members of the Society, and will be awarded following
 application to a research committee that will judge
 on the basis of scientific merit and need.
 Constitutional amendments are needed to establish the
 research committee as a new standing committee
 (Article 7) and to permit the Society to award money
 to its members (Article 13).

Amendments to Article 7 include:

1. deleting "(Secretary ex officio)" which fol-
 lows "Membership." A change in the Bylaws removed
 the secretary from the membership committee several
 years ago. This deletion will bring the Constitution
 and Bylaws into agreement.

2. adding "j. Research" so that a standing com-
 mittee on research can be established.

If approved, the amended Article 7 will read:

Article 7. Standing Committees

Chairpersons of the following standing com-
 mittees shall be appointed by the President with the
 consent of the Executive Committee; membership of the
 committees shall be appointed by the President in
 consultation with the Committee Chairperson and re-
 ported annually to the Executive Committee: a.
 Membership b. Policy c. Education d. Organization
 and Bylaws e. Nominating f. Animal Care g. Public
 Affairs h. Film i. Historian j. Research

Amendment of Article 13:

The words "designated awards, or research grants
 administered by the society;" should be added to
 Subsection b so that we may provide cash awards or
 grants to society members.

If approved, the amended Article 13, Section 1,
 Subsection b will read:

Article 13 General Prohibitions

Section 1

b. No part of the net earnings of the
 Society shall or may under any circumstances inure to
 the benefit of any private shareholder or individual,
 except for services rendered, designated awards, or
 research grants administered by the society;

FOR EDITOR:

CHARLES T. SNOWDON Birthdate: August 8, 1941
Education: B.A. 1963 Oberlin College
 M.A. 1964 Univ of Penn
 Ph.D. 1968 Univ of Penn
Present Position: Professor of Psychology and
 Zoology, University of Wisconsin.
Research Interests: Vocal and chemical
 communication; captive breeding of endangered
 primates; reproductive behavior and physiology;
 parental care.
ABS Activities: Charter Member
Editorial Experience: Animal Behaviour Editorial
 Advisory Board, 1973-1978; Editorial Board of:
 American Journal of Primatology and Journal of
 Human Evolution; Editor- Primate Communication

EDWARD H. BURTT, JR. Birthdate: April 22, 1948
Education: A.B. 1970 Bowdoin College
 M.S. 1973 U of Wisconsin
 Ph.D. 1977 U of Wisconsin
Present Position: Associate Professor of Zoology,
 Ohio Wesleyan University
Research Interests: Evolution of animal
 coloration; reproductive significance of ph-
 ilopatry among birds; maintenance behavior.
ABS Activities: Policy and Planning Committee
 1980-Present, acting chair 1982, chair 1983, ex
 officio 1983-Present; Parliamentarian 1983-
 Present; Committee on Bylaws and Organization
 ex officio 1983-Present, chair 1983-Present.
Editorial experience: Editor- The Behavioral
Significance of Color, 1979; Journal of Field
Ornithology, review editor, 1979-Present.

CONSTITUTIONAL AMENDMENT: ECOL SOC AMERICA

The executive committees of the ESA and the ABS have
 discussed reactivating the behavioral section of ESA.
 Conflicting provisions in the respective constitu-
 tions and bylaws have tended to discourage interest-
 ed persons from becoming involved in the behavioral
 section. Thus, ESA has suggested that we amend our
 Constitution to remove ABS officers as officers of
 the behavioral section of ESA and allow ESA a free
 . and in reactivating the behavioral section.
 Following a lengthy discussion by the executive com-
 mittee of the ABS, the following motion was passed
 unanimously:

In order to allow activation of a behavioral ecol-
 ogy section of the ESA, the ABS Constitution (Article
 8, Section 1) and Bylaws be amended to terminate for-
 mal association of the ABS with the ESA.

Amendment to Article 8, Section 1:

The words "the Section of Animal Behavior and
 Sociobiology of the Ecological Society of America
 and" should be deleted.

If approved by a two-thirds majority of voting ABS
 members, the amended Article 8 Section 1 will read:

Article 8. Elections

Section 1 General Elections

Officers are to be elected jointly with the
 Division of Animal Behavior of the American Society
 of Zoologists.

Needed changes to the Bylaws resulting from passage
 of these amendments will be introduced at the 1985
 ABS business meeting in Raleigh, North Carolina.
 Report submitted by Edward H. Burtt, Jr., Chair of
 Organization and Bylaws Committee.

BALLOT FOR 1984 ABS ELECTION OF OFFICERS AND CONSTITUTIONAL AMENDMENTS

MAIL THIS PAGE TO: Terry Christenson, ABS Secretary, Dept of Psychology, Tulane Univ, New Orleans, LA 70118

THE ENVELOPE CONTAINING YOUR BALLOT MUST BEAR YOUR NAME AND BE POSTMARKED BEFORE JAN 1, 1985 TO BE COUNTED

You may cast write-in votes. Only Full- Student- and Spouse Members, and Active Fellows of the Animal Behavior Society are eligible to vote. The order of listing of candidates may influence voting. Please avoid this bias and read the resumes of the candidates. This year the candidates are listed in reverse alphabetical order.

FOR Second President-Elect:

Sidney A. Gauthreaux, Jr. _____

Irwin Bernstein _____

FOR Editor:

Charles S. Snowdon _____

Edward H. Burtt, Jr. _____

FOR Treasurer:

Daniel Q. Estep _____

H. Jane Brockmann _____

FOR Member-At-Large:

Steve Anderson Platt _____

Gail R. Michener _____

CONSTITUTIONAL AMENDMENTS: For the establishment of a committee to be in charge of ABS research support.

Article 7 (Standing Committees) of the ABS Constitution should be changed to read: "Chairpersons of the following standing committees shall be appointed by the President with the consent of the Executive Committee; membership of the committees shall be appointed by the President in consultation with the Committee Chairperson and reported annually to the Executive Committee: a. Membership b. Policy c. Education d. Organization and Bylaws e. Nominating f. Animal Care g. Public Affairs h. Film I. Historian J. Research

CHANGE IN WORDING OF ARTICLE 7: YES _____ NO _____

Article 13 General Prohibitions, Section 1, Subsection b should be changed to read: "No part of the net earnings of the Society shall or may under any circumstances inure to the benefit of any private shareholder or individual, except for services rendered, designated awards, or research grants administered by the Society;"

CHANGE IN WORDING OF ARTICLE 13: YES _____ NO _____

CONSTITUTIONAL AMENDMENT: To dissolve ties between the Ecological Society of America and the Animal Behavior Society so that the ESA may reorganize its animal behavior section.

Article 8 Elections, Section 1 General Elections should be changed to read: "Officers are to be elected jointly with the Division of Animal Behavior of the American Society of Zoologists."

CHANGE IN WORDING OF ARTICLE 8: YES _____ NO _____

TERRY CHRISTENSON
ABS SECRETARY
DEPT OF PSYCHOLOGY
TULANE UNIVERSITY
NEW ORLEANS, LA 70118

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