

NEWSLETTER
ANIMAL BEHAVIOR SOCIETY
SECTION (DIVISION) ANIMAL BEHAVIOR AND SOCIOBIOLOGY

Devra G. Kleiman, Secretary
National Zoological Park
Washington, D. C. 20008

American Society of Zoologists
Ecological Society of America

ELECTION OF OFFICERS: This issue contains a brief vitae of candidates for the ABS Second President-Elect, Secretary, and Member-at-Large, to assume office on 1 July 1981. Only 24% of the membership voted in the 1979 election. Please fill out and mail your ballot today!

1980 ALLEE AWARD: The 1980 Warder Clyde Allee Award for the best student paper at the ABS Annual Meeting was won by Clayton M. Hodges, Syracuse University, for his paper "Optimal foraging in bumblebees: hunting by expectation." The Allee Award provides a Certificate for Achievement, a cash prize of \$100, and a request by ABS for an invitation to the next International Ethological Conference. The judging committee was unable to distinguish among the remaining outstanding papers and so did not award an honorable mention for the 1980 competition.

SPONSORS FOR THE 1984 ABS MEETINGS: ABS is seeking sponsors for the 1984 Annual Meeting from a site in the West. Address correspondence to the President, E. O. Price, Dept. of Anim. Science, University of California, Davis, CA. 95616.

1981 ABS ANNUAL MEETING, KNOXVILLE, TN.: Persons interested in organizing an invited paper session or symposium for the 1981 meetings should contact the Program Officer as soon as possible. Advance planning is required to ensure the success of such sessions. The Program Officer also has available information about financial support for symposia from NIH or NSF, collected by David Dunham, past Member-at-Large. Contact: Terry Christenson, Dept. of Psychology, Tulane Univ., New Orleans, LA. 70125 (504) 865-5331.

REGIONAL MEETINGS: The ABS Secretary has available Guidelines for the Organization of Regional Meetings, prepared by E. O. Price and an Ad-Hoc Committee, for persons potentially interested in acting as local hosts. Local hosts should contact the Secretary when a decision concerning a future meeting site has been made within a region. Such decisions usually are made at the time of a Regional Meeting. The ABS encourages Regional Meetings, and therefore, the ABS Executive Committee will allow the use of the ABS name by Regional Meetings through December 1981, while the potential legal and financial problems associated with the use of the ABS name are examined and clarified.

TEACHING ANIMAL BEHAVIOR: Persons interested in organizing or participating in a symposium on teaching animal behavior for a future ABS meeting should contact the Program Officer, Terry Christenson (address above) or the Education Committee Chairperson, Wayne Aspey, Dept. of Zoology, Ohio State Univ., Columbus, OH. 43210.

POSITIONS AVAILABLE: a) Two Graduate Research Assistantships for M.S. or Ph.D. candidates are available starting Sept. 1, 1980. Responsibilities include participation in a study on habitat preference and use of feral horses and cattle in the Red Desert, Wyoming. Thesis interests should be in ecology, behavior and/or management of feral horses, cattle and/or pronghorn antelope, with some knowledge of range plants. Send vita, transcripts, GRE scores, three letters of recommendation and explanation of research interests and goals to: Dr. R.H. Denniston, Univ. of Wyoming, Dept. of Zoology & Physiol., Laramie, WY 82071. b) A part-time (20 hrs/wk) assistant research coordinator is needed at the Washington Park Zoo in Portland, to assist in the supervision and training of undergraduates involved in zoo behavioral research projects. Qualifications include a B.S. in Biol., Psych., or Anthrop. Teaching experience as well as some knowledge of zoological research and methodology are preferred. Yearly salary is \$5,000 to \$7,000. Opportunity exists to pursue personal research interests plus collaboration in ongoing projects. Deadline for applications is September 14, 1980. For detailed information contact Jill Mellen at (503) 226-1561. To apply contact Metro Personnel division, 527 SW Hall, Portland, OR 97201.

DEADLINE FOR RECEIPT OF MATERIALS FOR NOVEMBER NEWSLETTER IS 15 OCTOBER 1980

Minutes of the Animal Behavior Society Business Meeting
11 June 1980, Fort Collins, Colorado

1. President Barlow called the meeting to order at 1040 hours.
2. A motion to waive the reading of the minutes of the 1979 Business Meeting was passed. The minutes were accepted as published in the August 1979 Newsletter.
3. President Barlow thanked the local host, Philip Lehner, for his efforts in organizing the 1980 meeting.
4. President Barlow thanked the outgoing officers and introduced the new officers who will assume their duties 1 July 1980. Barlow also presented the outgoing, current, and incoming committee chairpersons.
5. Secretary Kleiman summarized the major actions taken at the Executive Committee (E.C.) meeting on 8 June 1980 as well as the Annual Reports of Officers and Committee chairpersons:
 - a) Program Officer Lockard indicated no major problems with this year's program; there were 291 contributions on the program. It was decided to update our policy on both the principles and mechanisms whereby we invite and pay for Keynote Speakers.
 - b) Due to membership interest and response to a questionnaire in the Newsletter, an Ad-Hoc Committee on the Timing of Annual Meetings, chaired by M. Schein, recommended that ABS have its annual meeting in August in alternate years, for the next four years, such as not to conflict with International Ethological Conference. The E.C. decided to accept this recommendation, thus ABS will meet in June 1981 (Knoxville, TN.), August 1982 (Duluth, MN.), June 1983, and August 1984. This change was initiated by members who felt that the June meetings conflicted with the beginning of the field season.
 - c) The possibility that Animal Behaviour could be air-mailed as a batch to a central U. S. city for a cost of \$1.50 more in dues was discussed. Air-mailing the journal would save about 4 to 8 weeks shipping time. However, the E.C. also discussed the likelihood that a dues increase will be necessary within the next year or two, although the amount has not yet been determined.
 - d) The E.C. accepted the Treasurer's recommendation that the charge for ABS mailing labels be increased to \$80 for a one-time use.
 - e) Editor Altmann's annual report indicated that U.S. submissions to Animal Behaviour had stabilized at 160-180 manuscripts per year. Acceptance rate is 40% and review time averages 7 weeks, the shortest for any comparable journal.
 - f) The E.C. agreed to allow the use of the ABS name by Regional Meetings, until the resulting legal problems are resolved. Although Regional Meetings are independently organized and financed, use of the ABS name means that ABS can be held fiscally responsible if there is a deficit.
 - g) In addition to the Allee Award, the E.C. decided that the judging committee could designate up to one honorable mention with 6 to 10 contestants and two honorable mentions with 11 or more contestants in the Allee Award competition.
 - h) The Education Committee, chaired by Wayne Aspey, will be revising the Graduate Programs in Animal Behavior and will also be developing a career brochure.
 - i) AIBS Representative Southwick reported on the declining AIBS membership and decreased participation at AIBS meetings. He recommended that ABS meet with AIBS in the near future and that we inform ABS members of the important function that AIBS has in supporting biology and promoting interdisciplinary communication within the biological sciences. Subject to approval by the Association for the study of Animal Behavior (ASAB), ABS will participate in the new Preview Research Reports to be published in BioScience, in which U. S. manuscripts accepted for publication in Animal Behaviour and of broad biological interest, will be abstracted in BioScience prior to publication.

- j) Membership Committee Chairperson Fentress indicated that the membership list was still being developed as are mechanisms for recruiting new members. Membership was down from 2000 to 1800.
 - k) Animal Care Committee Chairperson Halpin indicated that a revised Guidelines for Animal Care (revision jointly by ABS and ASAB committees) will be published in Animal Behaviour.
 - l) The E.C. approved a modest budget of \$200 for the U. S. Ethological Conference Committee to process invitations for the 1981 International Ethological Conference in Oxford.
 - m) Policy Committee Chairperson Candland reviewed the consequences of a two year term for President; the E.C. voted against changing the President's term to two years.
6. Rebach presented for a vote by the membership a By-Laws change to create a Public Affairs Committee. The E.C. felt that such a Committee was now necessary considering current Congressional activity aimed at limiting funding for research on live animals and reducing appropriations for behavioral research.

MOTION: To add to the By-Laws a new standing Public Affairs Committee with the following functions and composition:

- (a) shall consist of a Chairperson appointed for 3 years and 3 members appointed for staggered terms of 3 years. At least one member will be designated as Public Responsibilities Representative for the American Institute of Biological Sciences (AIBS),
- (b) shall be responsible for informing ABS membership of public policy issues that may affect the current or future funding or conduct of animal behavior research,
- (c) shall receive and evaluate Resolutions submitted by the membership and present these, if appropriate to the membership for vote at the annual Business Meeting. Shall make available to the membership the ABS procedures for submission of Resolutions.
- (d) shall be responsible for promoting an appreciation and understanding of animal behavior and ethological research among the public at large.

PASSED. There was some question regarding overlap in function with the Education Committee which is responsible for educational functions within ABS and not with the public. The policy that Committee members cannot speak for the Society as a whole was reiterated, following a question.

7. Rebach presented the following By-Laws change to the membership for a vote.

MOTION: To alter the By-Laws such that the term of office of delegates of the U. S. Ethological Conference Committee is six (6) years. PASSED.

8. Rebach discussed two proposed Constitutional changes which will have to be submitted to the membership for mail ballot. One involves permitting members of recognized foreign societies for the study of animal behavior temporarily residing in the Americas to attend and present papers at ABS meetings and receive the ABS Newsletter for a period of not more than two years. Although the members agreed to the spirit of the change, it was suggested that the wording should be altered before the mail ballot. A second Constitutional change was required due to the proposed alternation of meeting times between June and August over the next four years. Since terms-of-office begin on July 1, it was proposed that terms-of-office will commence on the day following the last date scheduled for the annual meeting, at which time the terms of the outgoing officers will end.
9. Halpin presented a Resolution to the members and Rebach moved that it be adopted by ABS. Several amendments to the Resolution were passed. The Resolution was passed as follows:

RESOLUTION

WHEREAS bill HR4805 before the House of Representatives of the 96th Congress will, if passed, establish a National Center for Alternative Research to develop and coordinate alternative methods of research and testing which do not involve the use of live animals, to develop training programs in the use of alternative methods of research and testing which do not involve the use of live animals, to disseminate information on such methods, and for other purposes,

and WHEREAS if implemented this bill would require that no Federal funds may be used to conduct or sponsor research or testing involving the use of live animals in cases in which alternative methods of such research and testing have been published in the Federal Register, or to sponsor or support research or testing involving the use of live animals if such research or testing duplicates work performed by an agency,

and WHEREAS this bill would require that no less than 30% and no more than 50% of all appropriations made available to government agencies for all research and testing programs involving the use of live animals, shall be used for the development of alternative methods of research and testing,

and WHEREAS this bill is discriminatory in that it addresses itself only to federally sponsored research and to laboratories which already meet Federal standards and guidelines for animal welfare and ignores the more extensive industrial and private use of animals in research which is presently unregulated.

THEREFORE, be it resolved that at its annual business meeting in Fort Collins, Colorado, the Animal Behavior Society opposes the bill because

- (1) the bill fails to provide adequate protection for animals while greatly increasing the cost of research or decreasing the amount of research which can be adequately conducted,
- (2) although we recognize the need for humane treatment and alternative methods of research, there are no satisfactory substitutes for the use of live animals in behavioral research,
- (3) the implementation of this bill would further complicate and greatly delay the initiation of research that has great potential benefits to society, and to the animals themselves,
- (4) replication is necessary to confirm and verify scientific findings,

THEREFORE, be it further resolved that the Animal Behavior Society opposes passage of this bill and 1) directs its President to communicate this resolution to the appropriate congressional committees and their members, and 2) directs its members to take individual action as they deem fit.

10. Wasser moved that ABS not hold meetings in any state that has not passed the Equal Rights Amendment. The MOTION was DEFEATED. ABS policy currently states that ratification of the ERA by a state shall be a criterion in selecting meeting sites.
11. There was some question concerning whether financial support would be available for travel to the Ethological Conference in Oxford. Stollnitz of NSF indicated that the USIECC could apply for a group grant, or alternatively individuals could apply to NSF for funding.
12. Altmann moved that ABS reaffirm its commitment to finding meeting sites in states that have passed the ERA. The MOTION was PASSED.
13. There was a MOTION that a list of baby-sitters be available at annual meetings, whether on- or off-campus. SUBSTITUTE MOTION: ABS has concern for parents who wish to bring children to annual meetings. A list of baby-sitters should be available, if possible, and listed in the Program. PASSED.
14. The meeting was adjourned at 1210 hours.

Respectfully submitted,


Devra G. Kleiman, Secretary

Steve -
Here is it. I sent a
copy to Devra to distribute to the
other. G.

COLLEGE OF LIBERAL ARTS
DEPARTMENT OF PSYCHOLOGY

306F Austin Peay

Tele: 974-2531

MEMORANDUM

To: See distribution below
From: Gordon M. Burghardt
Date: Oct. 13, 1980
Subject: ABS Election Results

I. The following officers were elected:

Second President-Elect -- Devra Kleiman
Secretary -- Sidney Gauthreaux
Member-at-large -- Elizabeth Adkins Regan

II. All the Constitutional changes were approved by the following margins:

	<u>Yes</u>	<u>No</u>
A. Article 4 (terms of office)	390	5
B. Article 7 (add standing committees)		
Animal Care	430	21
Nominating	374	52
Film	436	52
Public Affairs	453	36
Historian	406	73
C. Article 12 (Liason with other societies)		
	486	17

III. The opinion poll concerning the raising of dues for airmail delivery of Animal Behaviour was defeated 296 to 228.

A total of 535 votes were received, a considerable increase from the 414 cast last year. However, among these were 45 ballots received with the envelope unsigned, contrary to instructions. As these ballots could have easily been responsible for some reversed election outcomes (but made no difference this time) I strongly urge that we, at the least, emphasize more strongly the need to sign. It might even be decided to ignore unsigned ballots. This would minimize any possible misuse of our system and certainly make tabulating easier for the officer responsible.

Distribution:

Nominating Committee
Executive Committee
Committee chairpersons
Nominees
Affiliates

VITAE OF CANDIDATES FOR OFFICES OF THE ANIMAL BEHAVIOR SOCIETY

FOR SECOND PRESIDENT-ELECT

- DEVRA G. KLEIMAN Birthdate: November 15, 1942
Education: B.S. 1964 University of Chicago
 Ph.D. 1969 University College, University of London
Present Position: Chief, Dept. of Zoological Research, National Zoological Park,
 Washington, D. C.
Research Interests: Reproductive and social behavior of mammals.
ABS Activities: Secretary, 1978-1981.
- C. RICHARD TERMAN Birthdate: September 8, 1929
Education: A.A. 1950 Spring Arbor Jr. College, Michigan
 A.B. 1952 Albion College, Michigan
 M.S. 1954 Michigan State University
 Ph.D. 1959 Michigan State University
Present Position: Professor of Biology, College of William and Mary, Williamsburg, VA.
Research Interests: Behavioral ecology, sociobiological factors influencing the growth
 and physiology of populations.
ABS Activities: Program Officer, 1971-1973; Treasurer, 1976-1979.

FOR SECRETARY

- H. JANE BROCKMANN Birthdate: February 25, 1947
Education: B.S. 1967 Tufts University
 M.S. 1972 University of Wisconsin
 Ph.D. 1976 University of Wisconsin
Present Position: Assistant Professor, Dept. of Zoology, Univ. of Florida, Gainesville
Research Interests: Evolution of mating and nesting behavior, particularly in solitary
 Hymenoptera; sex ratios; evolution of decision-making mechanisms;
 coevolution of behavior.
ABS Activities: Policy Committee, 1979-1980; consulting ed. for Animal Behaviour (ASAB).
- SIDNEY A. GAUTHREAUX, JR. Birthdate: October 18, 1940
Education: B.S. 1963 University of New Orleans
 M.S. 1965 Louisiana State University
 Ph.D. 1968 Louisiana State University
Present Position: Professor of Zoology, Clemson University, S. C.
Research Interests: Animal migration, orientation and navigation, especially birds;
 behavioral dominance as it relates to avian dispersal, migration
 and habitat selection; behavioral ecology.
ABS Activities: Member-at-Large, 1978-1981; Public Responsibilities Representative
 to AIBS, 1979-1980.

FOR MEMBER-AT-LARGE

- ELIZABETH K. ADKINS Birthdate: July 12, 1945
Education: B.S. 1967 University of Maryland
 Ph.D. 1971 University of Pennsylvania
Present Position: Assistant Professor, Dept. of Psychology and Sect. of Neurobiology
 and Behavior, Cornell University, Ithaca, New York
Research Interests: Hormones and behavior; reproductive behavior; avian and reptilian
 behavior; biological rhythms and photo-periodism.
- ZULEYMA TANG HALPIN Birthdate: March 9, 1945
Education: B.S. 1967 St. Louis University
 M.A. 1970 University of California, Berkeley
 Ph.D. 1974 University of California, Berkeley
Present Position: Assistant Professor, Dept. of Biology, Univ. of Missouri, St. Louis
Research Interests: Physiological and ecological correlates of social behavior; role
 of social behavior in dispersal and population regulation; chem-
 ical communication among vertebrates.
ABS Activities: Chairperson, Ad Hoc and Standing Animal Care Committee, 1977-1980.

INFORMATION FOR COMPLETING QUESTIONNAIRE FOR "GRADUATE PROGRAMS IN ANIMAL BEHAVIOR"

For indexing purposes, select appropriate choices under "General Fields of Interest" (modified from ANIMAL BEHAVIOUR ABSTRACTS) and "General Animal Groups." Indicate these general selections by numerical index code (for space convenience only) on the questionnaire form. If necessary, also indicate your particular research interest within the general field(s) (e.g., habitat selection as a specialty within "Behavioral Ecology") and your specific animal(s) (e.g., ants; horses).

Index Code	General Fields of Interest	Index Code	General Fields of Interest
1	Applied Ethology: (a) Domestication, (b) Husbandry, (c) Wildlife management, (c) Other (list on form)		(c) Theoretical models, (e) Other (list on form)
2	Behavioral ecology	13	Motivation and emotion
3	Biological rhythms	14	Natural history, life histories and descriptive studies
4	Communication: (a) Visual, (b) Bio-acoustics, (c) Pheromones, (d) Other (list on form)	15	Neural mechanisms: (a) Neurophysiological correlates, (b) Brain lesions, (c) Brain stimulation, (d) Other (list on form)
5	Development/ontogeny	16	Orientation, navigation and migration
6	Endocrine mechanisms/hormones: (a) Biochemical correlates, (b) Drug studies, (c) Other (list on form)	17	Play
7	Evolution and survival value	18	Predatory/prey relations
8	Foraging and feeding behavior	19	Self-maintenance
9	Human ethology	20	Sensory mechanisms: (a) Vision, (b) Audition, (c) Chemical, (d) Other (list on form)
10	Learning: (a) Habituation and extinction, (b) Reinforcement, (c) Avoidance learning, (d) Discriminating learning, (e) Complex learning, (f) Memory, (g) Other (list on form)	21	Sleep
11	Locomotion	22	Social behavior and sociobiology: (a) Parental-filial behavior, (b) Sexual and reproductive, (c) Dominance and hierarchies, (d) Social spacing, (e) Aggression, (f) Other (list on form)
12	Methodology: (a) Statistical analysis, (b) Data collection techniques,	23	Other (list on form)
Index Code	General Animal Groups	Index Code	General Animal Groups
1	Protista	9	Fishes
2	Coelenterates	10	Amphibians
3	Flatworms	11	Reptiles
4	Nematodes	12	Birds
5	Molluscs	13	Mammals
6	Annelids		(a) Marsupials
7	Arthropods		(b) Carnivores
	(a) Arachnids		(c) Rodents
	(b) Crustaceans		(d) Cetaceans
	(1) Aquatic		(e) Ungulates
	(2) Terrestrial (non-insect)		(f) Primates
	(3) Insects		(1) Non-human
	(c) Other (list)		(2) Human
8	Echinoderms		(g) Other
		14	Other (list on form)

QUESTIONNAIRE FOR UP-DATE ON "GRADUATE PROGRAMS IN ANIMAL BEHAVIOR"

The last edition of "Graduate Programs in Animal Behavior" appeared in 1976, and the ABS Education Committee would like to up-date this important information source for availability early in 1981.

Since I receive a number of requests concerning graduate study in animal behavior, I discovered that the past format, although terse, was not always useful. For example, some members did not list their primary animal, and many who did only referred to it by the scientific name. On the other hand, some members simply indicated "birds" with no indication of what they did with birds.

To develop a more complete and useful edition, we hope to index each respondent according to content speciality, primary animal group, and university, as well as by state. To this end, please provide the following information by October 20, 1980. For smaller departments, it may be ideal for a single individual to take responsibility for the entire department, while for larger departments individual responses may be more realistic. However, 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 and do not receive the newsletter.

Many thanks for your cooperation.

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Application for Membership: Animal Behavior Society

Name in full _____ Degrees _____

Mailing address _____

Zip _____

Institution _____ Position _____

Class of Membership desired _____

Member - \$2.00 (U.S.) Receive Animal Behaviour and Newsletter.

Student Member - \$1.00 (U.S.) Receive Animal Behaviour and Newsletter.

Spouse Member - \$9.00 (U.S.) Receive Newsletter only.

Date and place of birth _____

Specific area of interest _____

Member of following societies: Ecol. Soc. Amer. _____ Amer. Soc. Zool. _____ Amer. Psych.

Assoc. _____ Wildlife Soc. _____ Other Societies _____

My student membership application is endorsed by: (Dept. Head, ABS Member, ABS Fellow)

Membership for calendar year 19____