



NEWSLETTER

Animal Behavior

Society

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A quarterly publication

Janis W. Driscoll, ABS Secretary

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VOTE, VOTE, VOTE!!!

Only a small percentage of ABS members (10-12%) typically vote in the annual election. This is not a good showing for an organization that takes pride in its democratic style. Not knowing the candidates is no excuse! Biographical material on each candidate is provided on pages 9-11 with a ballot on page 12. **Just do it!!!**

1991 ALLEE AWARD

Thirteen papers were presented in the Allee session at the 1991 annual meeting at the University of North Carolina at Wilmington. The winner of the competition was David L. Clark, University of Cincinnati, for his presentation entitled "Courtship behavior of the dimorphic jumping spider *Maevia inclemens*: A matter of perspective". Honorable mentions were awarded to Lee A. Dugatin, SUNY, Binghamton, for his presentation "Sexual selection and imitation: Females copy the mate choice of others" and Pamela J. Reid, University of Toronto for her presentation "Detection of cryptic prey: Search image or search rate?". Book awards were provided by Academic Press, Cambridge University Press, Harvard University Press, Princeton University Press, Sinauer Associates, and the University of Chicago Press.

FOUNDERS' MEMORIAL AWARD

The sixth annual Founders' Memorial Award for the best poster paper at the annual meeting was won by Gwendolyn Bachman, University of California at Los Angeles, for her poster "The effect of body condition on the tradeoff between vigilance and foraging in Belding's ground squirrels (*Spermophilus beldingi*)".

ABS FILM FESTIVAL

The 1991 ABS award for commercial films was won by the film entitled "Sunlight and Shadows: The Dappled Cats" with photography and production by Alan Root for Survival Anglia. The film entitled "Running for their Lives: Wild Hunting Dogs" with photography and production by Hugh Miles for BBC-TV/National Geographic Society was awarded an

honorable mention. The Jack Ward competition for noncommercial films was won by the film entitled "Chameleons" with photography and production by Thomas Madsen and Monika Osterkamp.

ABS FELLOWS

Congratulations to the following persons who were elected Fellows of the Animal Behavior Society at the 1991 annual meeting.

Liz Adkins-Regan
Gordon Burghardt
Sidney Gauthreaux
Carl Gerhardt
Dale Lott
Judy Stamps

ABS CAREER AWARDS

The Quest Award for young scholars was given to Kim Sullivan. W. D. Hamilton received the Distinguished Ethologist award. Commemorative plaques will be presented to the awardees at the 1992 annual meeting. John Paul Scott, who was named the first ABS Distinguished Ethologist at the 1990 meeting, was present at the 1991 meeting to receive his plaque.

IMPORTANT REMINDER!!

1992 annual dues notices will be sent during the month of September. The deadline for paying dues is December 1, 1991. Please watch for the dues notice and pay your dues before the deadline. Otherwise, your name will be deleted from the journal mailing list, causing you to miss journals and causing additional work for Society officers.

NEWSLETTER CORRECTIONS

Apologies to George Barthalmus, Member-at-large, and Bob Woll, Membership Committee, for misspelling of their names in the May Newsletter. Also to Donna Holmes who was omitted from the listing of the Research Grants Committee.

MORE NEWSLETTER CORRECTIONS

The E-mail address for Jane Brockmann was incorrectly given as HJB@NERUM. The correct address (BITNET) is HJB@NERVM.

The announcement of the 12th Annual Midwest Conference on Population Biology incorrectly gave the dates of the conference as 15-17 October, 1991 and the phone area code incorrectly as 805. Correct dates for the conference are 25-27 October, 1991 and the correct area code is 815. Please see the corrected announcement under MEETINGS.

Martha L. Dunham was awarded an ABS Grant Award of \$910 for her project "Territory duration in *Pachydiplax longipennis* (Odonata: Libellulidae)". Her name was omitted from the list of awardees in the May Newsletter.

ABS OFFICERS

President: H. Jane Brockmann, Dept. of Zoology, University of Florida, Gainesville, FL 32611, USA

First President-elect: Gail Michener, Dept. of Biol. Science, University of Lethbridge, Lethbridge, Alberta, T1K 3N6, CANADA.

Second President-elect: Zuleyma Halpin, Dept. of Biology, University of Missouri, St. Louis, MO 63121, USA.

Past President: Charles Snowdon, Dept. of Psychology, University of Wisconsin, Madison, WI, 53706, USA.

Treasurer: Robert Matthews, Dept. of Entomology, University of Georgia, Athens, GA 30602, USA.

Secretary: Janis Driscoll, Dept. of Psychology, University of Colorado at Denver, Denver, CO 80217-3364, USA.

Program Officer: Lynne Houck, Dept. of Ecology and Evolution, University of Chicago, Chicago, IL, 60637, USA.

Parliamentarian: George Waring, Dept. of Zoology, Southern Illinois University, Carbondale, IL, 62901, USA.

Editor: Meredith West, Dept. of Psychology, Indiana University, Bloomington, IN, 47405, USA.

Members-at-large: Steven Austad, Dept. of Biology, Harvard University, Cambridge, MA, 02138, USA.

Martin Daly, Dept. of Psychology, McMaster University, Hamilton, Ontario, L8S 4K1, CANADA.

Bennett Galef, Dept. of Psychology, McMaster University, Hamilton, Ontario, L8S 4K1, CANADA.

Historian: Donald Dewsbury, Dept. of Psychology, University of Florida, Gainesville, FL, 32611, USA.

ANIMAL BEHAVIOR SOCIETY DIRECTION OF CORRESPONDENCE

ABS Newsletter and general correspondence concerning the Society: Janis Driscoll, Dept. of Psychology, Campus Box 173, University of Colorado at Denver, P.O. Box 173364, Denver, CO 80217-3364, USA. Deadlines are the 15th of the month preceding each Newsletter. Next deadline is October 15, 1991. (FAX 303-556-4861)

Animal Behaviour - manuscripts and editorial matters: Meredith West, Dept. of Psychology, Indiana University, Bloomington, IN 47005.

Change of address, missing or defective issues of *Animal Behaviour*: Robert W. Matthews, Dept. of Entomology, University of Georgia, Athens, GA 30602, USA.

NEW ABS APPOINTMENTS

Jeffrey Lucas has been appointed Assistant Program Officer of ABS. He will be concerned with coordination of publicity and advertising for the ABS annual meetings. (see announcement on p. 5)

Ellen Ketterson has been appointed Assoc. Editor and **Kris Bruner** Assistant Editor of *Animal Behaviour*. Their address is **Dept. of Biology, Indiana University, Bloomington, IN 47405. The Editorial Office phone number is 812-855-3098.**

ABS COMMITTEE CHAIRS

Animal Care Committee: Joy Mench (1993)

Career Awards Committee: Charles Snowdon (1992)

Education Committee: Carol Saunders (1994)

Ethics Committee: Edward H. Burt, Jr. (1993)

Film Committee: Thomas Rambo (1994)

Issues in Applied Animal Behavior

Committee: Benjamin H. Hart (1993)

Membership Committee: Ira Perelle (1993)

Nominations Committee: Past President

(Charles Snowdon)

Past Past President (Patrick Colgan)

Past Past Past President (John Fentress)

Organization and Bylaws Committee: George Waring (1992)

Policy Committee: David Duvall (1994)

Public Affairs Committee: Irene Pepperberg (1992)

Research Grants Committee: Steven Austad (1992)

Endowments Committee: Lee Drickamer (1994)

Board of Professional Certification: John Wright (1994)

**NEW MEMBERSHIP DIRECTORY
CORRECTIONS NEEDED!!!**

The ABS Membership Committee, is planning to publish a new membership directory soon. If your information in the old directory is incorrect, if you have notified the Society of a change of address but have not corrected your phone number, or if you would like to add an e-mail address to your information, please notify **Ira Perelle, Membership Committee Chair at 28 RD1, East Branch Road, Patterson, NY 12563.**

PRESIDENTIAL ADDRESS

Charles T. Snowdon
ABS Banquet
June 5, 1991

(Following is the text of President Snowdon's address given at the ABS annual meeting in Wilmington.)

I've been a member of the Animal Behavior Society since it was founded in 1964 when I was a second year graduate student. As a student I liked the democratic egalitarian nature of ABS. I could present a paper on my own without my advisor as a sponsor or a co-author. I could vote in elections. I could even vote for editor of *Animal Behaviour*. To this day I know of no other society that allows its membership to democratically choose its editor.

ABS is one of the few scientific societies where men and women play equally important roles. In choosing nominees for office or for committee chairs, we almost can be gender unconscious. There are so many competent women and men available. However, we do still have to be conscious of whether we have balanced numbers of biologists and psychologists.

I like the interdisciplinary nature of the Society. I like being challenged by new ideas, new theories, new methodologies that I would not encounter if I just hung out with psychologists, and I hope that those of you who are biologists gain something from interaction with the psychologists in the Society.

I would like to continue to be a member for at least another 27 years and still see an active, thriving Animal Behavior Society. But I am worried. We are too often ignored or patronized. I have heard stories at this meeting of departments that are eliminating animal behavior positions to hire neuroscientists or to hire developmental biologists at a time when there should be growth in animal behavior. For the first time in many years the Society has suffered a loss of members. We have 12% fewer members this year than last year. So we all need to be concerned about the continued health of our profession.

I would like to finish my year as President with eight exhortations that I hope we will all take seriously.

1. **BE SHAMELESS!** We should talk about the great things we do to anyone who will listen. At an NSF Task Force meeting, representatives from the Immunological Society and the Genetics Society came to complain that their fields were seriously underfunded despite the vast funding for AIDS research and for the Human Genome Project. If these groups can shamelessly ask for more funds in the midst of wealth, then surely we, in our poverty, should ask for more.

2. **BE RELEVANT!** Geneticists and immunologists achieve their success in part because they can claim to do something useful for society. I think we can provide benefits to society too, but we have been less able to articulate these benefits. We should all have at the tip of our tongues a list of the benefits of animal behavior research. We should each think about how we can present our own research as relevant to the general population.

When I was in graduate school, one of my professors presented us with the "Grandmother Principle". We should each be able to explain our work to our grandmothers (and then to the rest of the world).

3. **BE VIGILANT!** Don't let a slur against our field go unanswered. Don't let anyone get away with arguing that behavior is simple, soft or easy. Explain how difficult it is to do unbiased behavioral observations, how important controls are and how difficult it often is to determine the proper control procedure. Keep data on enrollments in animal behavior courses to compare with enrollments in cognitive science, neuroscience or molecular biology courses. Keep track of how many students talk to you about careers in animal behavior to document the demand and justify the need for more professors in animal behavior.

4. **BE COMPETENT!** We must show that we have well-thought out theories and well-designed studies. We must be careful not to overgeneralize or make inflated claims or we will lose what little credibility we have. On the other hand, false modesty gains us nothing!

5. **BE PUBLIC!** Communicate with non-scientists. Suggest interesting stories on animal behavior and behavior ecology to your news service or to a reporter at your local newspaper or television station. When you get a grant, write a thank-you note to the President of the University, to your Congressperson and Senator, to your Governor. Thank them for creating an environment where you can bring money to help the local economy, and thank them for their support of science. Even if they are negative about scientific research with enough thank-you notes, they might be shamed into some increased support.

6. **BE A PROSELYTIZER!** We need new blood. Involve undergraduates in research. Give talks to your local schools so young children can learn that humane research can be done with animals. Locate a bright high school student or two and invite them to work with you as interns on your research projects. Volunteer your time to a speakers' bureau and prepare a general interest talk on animal behavior.

7. **BE A TITHER!** When I was growing up in a religious family, I was taught to give a proportion of our income

to charity. Our most valuable asset is time. Volunteer to donate 2% or 5% of your work year to the cause of improving the visibility and reputation of animal behavior as a scientific field. Some have complained that it was unrealistic for me to expect members to be altruistic. I don't consider this to be an act of altruism, but rather enlightened self-interest. Devoting time to the rebuilding and strengthening of our profession today can lead to the future payoffs of increased faculty positions, increased research funding and increased acceptance of our work in the future.

8. BE PROUD! We have a lot of superb scientists and superb ideas. As we have seen at this Annual Meeting, we have an excellent future as seen by the quality of the Allee Award competitors, and we have an excellent present as exemplified by our keynote speaker, our Fellows, and our Career Award recipients. An NSF official who is a molecular biologist told me that this field had become merely a set of techniques with little that was theoretically or conceptually interesting. He was excited by the ideas and theories of behavioral ecology and animal behavior. We are filled with excellent ideas and theories and high quality methods to test these theories. We should take great pride in who we are and what we are able to accomplish.

If we can make an attempt to follow these eight exhortations, then I can be assured that there will be an Animal Behavior Society for me to still participate in 27 years from now with annual meetings as vigorous as this one, and I can be assured that I will still be seeing most of you here in 27 years too.

ANIMAL BEHAVIOR AND LIFE SCIENCES EDUCATION

(Submitted by Carol D. Saunders, Brookfield Zoo,
Brookfield, IL 60513)

I attended a National Life Science Education Summit in February as a representative of ABS. The goal of the conference was to establish a national platform for stimulating the life science community to play an active and sustained role in science education. Major objectives included formulating strategies to remedy the increasing shortage of qualified scientists and to increase scientific literacy in the general population as well as to enhance the commitment of private and public funding sources to life sciences education.

The Summit was organized by the American Society for Microbiology, and there were representatives from 30 life science organizations. The viewpoint from our Society was especially welcomed since there happened to be a greater representation from cellular biologists and biology teachers than from organismal biologists. Issues discussed included teaching and learning science, models for interaction between scientists and teachers, programs for recruiting women, minorities, disabled, and other under-represented groups, and alliance building. The outcome of the Summit was that participants agreed to establish a life science network, called the Coalition for Education in the Life Sciences (CELS).

I have been nominated to serve on the Executive Committee for CELS, on behalf of ABS, to carry forth the recommendations from the conference participants and to develop a three-to-five year action plan, schedule, and budget. A September meeting is planned in Washington DC for the Executive Committee and has been funded by the National Science Foundation. NSF is expecting the Coalition to sponsor workshops and to subsequently produce statements that will influence undergraduate life science education policy and planning.

Ways in which ABS could become involved range from helping to develop curriculum materials in the schools, to inviting more teachers to our annual meetings, to featuring science education articles in our journal, to joining CELS. Regardless of the extent of our investment, the perspective that our Society offers to science education is an important one. Many of us recognize the value of animal behavior as a hook for developing interest in the scientific process. I also believe that a greater involvement by ABS in precollege education would enhance the image of animal behavior as a relevant field among the public.

I will continue to report on the activities of CELS. Meanwhile, if anyone is interested in the role of animal behavior in precollege education, please let me know.

ANNOUNCEMENTS

EDITOR'S NOTE: Opportunities and announcements are published in the next issue of the Newsletter after they are received. However, because of the timing of the Newsletter, it sometimes happens that a position is filled between the time that the Editor receives the advertisement and the time of the next issue of the Newsletter. The Editor apologizes for any inconvenience this may cause, and recommends that interested persons call to determine if a position is still available before making a formal application.

ALLEE AWARD: ADVANCE NOTICE FOR 1992 ANNUAL MEETING. The W.C. Allee Award will be presented for the outstanding student paper at the 1992 ABS annual meeting. Any independent student research that is largely unpublished at the time of submission for the competition is eligible for this cash and book award, as 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 (viz. June 1, 1991). Each paper must have a single author. To compete, candidates must submit a manuscript at the same time as the Transmittal and Abstract forms. The 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. A one page update can be submitted by 15 May 1992. Traditionally the Allee Award sessions are held the second day of the annual meeting; participating students should plan to arrive by the first day of the

meeting. This is an advance notice; further details will be available in the November Newsletter.

ABS RESEARCH GRANTS FOR 1992.

Application materials are now available for ABS Research Grants. The maximum award is \$1000 US and all current ABS members are eligible although funding priority is given to graduate students and recent PhDs in their first year of postdoctoral training. Application materials should be requested from **Steven N. Austad, ABS Grant Committee Chair, Harvard University Biolabs, 16 Divinity Avenue, Cambridge, MA 02138.** Applications are due no later than 15 December 1991 and awards will be made by 15 April 1992.

Here are a few tips for first-time grant proposal writers: (1) emphasize the general question(s) your research addresses (e.g., why would it be of interest to someone studying another animal group); (2) relate your experiments/ observations back to the general questions; (3) be concise (nothing turns off reviewers like having to extract a small detail from a massive barrage of verbiage); (4) have your proposal critiqued by an experienced investigator.

GREETINGS FROM THE EDITORIAL OFFICE OF ANIMAL BEHAVIOUR. The office is located in the **Biology Department, Indiana University, Bloomington, IN 47405, Phone 812-855-3098.** We will soon have an e-mail address and answering machine. At present, phone messages and e-mail can be directed to the Editor, Meredith West at 812-855-9597, e-mail MEWEST@IUBACS.

A major item in our agenda at present is to invite colleagues to review manuscripts. If you are interested, please write, call, e-mail, FAX (812-0855-6705), drop by, or send a messenger. Research advisors might also want to give us a list of current and recently graduated students. Please provide your complete address and a few words describing your research interests and areas of expertise. We want to know the behavioral topics, theories, and methods you use as well as the particular animals you have or are studying. Students are welcome as are non-ABS members (but we will try hard to get you to become an ABS member).

PROFESSIONAL CERTIFICATION: Application forms for ABS certification of applied animal behaviorists are available. The certificate program is set up to recognize the professional training of applied animal behaviorists by establishing specific standards and criteria for certification. Those studying companion animal behavior, farm animal behavior, behavior of animals in zoos, and others who apply animal behavior principles to solutions of animal behavior problems may wish to inquire. For an application form and pamphlet describing the objectives, requirements, and two levels of professional certification, write to **John C. Wright, Chair, Board of Professional Certification, Dept. of Psychology, Mercer University, Macon, GA 31207.**

REQUEST FOR SYMPOSIA: The Division of Animal Behavior of the American Society of Zoologists (ASZ) needs symposia for future ASZ meetings. Any person interested in organizing a symposium for 1993 or later, please contact **Jan Randall, Program Officer of DAB, Dept. of Biology, San Francisco State University, San Francisco, CA 94403; 415-338-7100.** The deadline for the 1993 meeting in Los Angeles is March, 1992.

PROPOSED SYMPOSIUM. We are organizing a symposium on individual differences in animal behavior with the intention of submitting it for the 1992 meeting of the Animal Behavior Society in Kingston. There will likely be three general areas: development of individual differences, mechanisms and methodology, and adaptive significance. We hope to find persons for the symposium whose research covers these areas and also spans a wide range of taxonomic groups. If you are interested, please contact **Jennifer Mather or Sergio Pellis, Psychology Dept., University of Lethbridge, Lethbridge, Alberta, Canada T1K 3M4** or by BITNET to **MATHER@HG.ULETH.CA.**

VENDORS FOR ABS ANNUAL MEETING.

Assistant Program Officer Jeffrey Lucas is considering solicitation of vendors who might want to display at the annual ABS meeting. Possible vendors would include firms that sell scientific equipment pertinent to animal behavior, (event recorders, tracking equipment, etc.) and artists whose art focuses on animals. If you know of any vendors who would be appropriate for our meetings, please contact **Jeff Lucas, Dept. of Biol. Sci., Purdue Univ., W. Lafayette, IN 47907. Phone: 317-494-8112, e-mail JRL0@PURCCVM.** (Note JRLzero)

JOHN T. EMLEN LECTURES. The University of Wisconsin, Madison is pleased to announce an annual lecture series in honor of John T. Emlen, Emeritus Professor of Zoology. Three or four outstanding young scientists in animal behavior and behavioral ecology will be invited each year to present their research in a formal lecture and to meet informally with undergraduate and graduate students as well as faculty and staff. John T. Emlen was one of the first scientists to integrate the study of behavior with the study of ecology and in addition to his own research, he has contributed greatly to the training of young scientists. The 1991-92 lecturers are David L. Clark, University of Cincinnati; Rachel N. Levin, Pomona College; Catherine Marler, University of Texas. The Emlen Lectures are supported with funds from the University of Wisconsin, Madison Graduate School Research Committee. For more information, contact **Charles T. Snowdon, Psychology Dept., University of Wisconsin, Madison, WI 53706.**

NOMINEES WANTED FOR RESEARCH CAREER AWARDS. The Animal Behavior Society seeks nominations for Quest, Exemplar, and

Distinguished Animal Behaviorist Awards recognizing members of the Animal Behavior Society who have made significant contributions at an early stage in their career (Quest), in their middle years (Exemplar), or over their entire research careers (Distinguished Animal Behaviorist). Nominees must be members of the Animal Behavior Society and cannot be current members of the ABS Executive Committee. Please send suggestions for nominations to **Charles T. Snowdon, Dept. of Psychology, University of Wisconsin, 1202 West Johnson Street, Madison, WI 53706; e-mail SNOWDON@MACC. WISC.EDU.**

CALL FOR WORKSHOPS. Each year at its annual meeting, the Association for Biology Laboratory Education presents 12-15 tested, innovative hands-on workshops suitable for undergraduate biology laboratory courses. Workshops cover diverse disciplines and levels within biology, ranging from exercises aimed at non-majors to ones appropriate for advanced, specialized upper division courses. Workshops that successfully apply new ideas, materials, or approaches, or that use non-traditional organisms in a classroom setting are especially sought. The 1992 meeting will be at the University of Nevada, Las Vegas, June 3-5. If interested in presenting a workshop, please contact the workshop chairperson **Roberta Williams, University of Nevada, Las Vegas, Dept. of Biological Sciences, Las Vegas, Nevada 89154-4004. Phone: 702-739-3203** by November 15, 1991.

ABS ENDORSES RESOLUTION. A resolution supporting the establishment of a national (US) institute for the environment was endorsed by the ABS Executive Committee at the annual meeting at Wilmington. The text of the resolution follows.

Whereas, environmental health must be regarded as seriously as human health;
Whereas, a solid scientific basis is essential for effective programs to protect the environment;
Whereas, there is a need in the United States for a coordinated national program to support fundamental and applied environmental research encompassing a wide variety of disciplines aimed at understanding, preventing, and solving environmental problems;
Whereas, such research is presently uncoordinated and largely underfunded;
Whereas, a consensus is emerging in the scientific community that a government agency that supports mission-oriented competitively awarded research, analogous to the way the National Institutes of Health supports biomedical research, may be the most appropriate vehicle to encourage, promote and support environmental research;
Therefore, the Animal Behavior Society supports the concept of creating a National Institute for the Environment and requests to participate in the development and planning of such an Institute.

SMOTHERMAN APPOINTED. Animal Behavior Society member William P. Smotherman, PhD., has been

selected to chair the Maternal and Child Health Research Committee of the National Institute of Child Health and Human Development at the NIH. Smotherman is a Professor of Psychology and Director of the Center for Developmental Psychobiology at the State University of New York at Binghamton.

PHOTOS NEEDED. For forensic purposes, I am seeking photographs or slides of dog and cat scratches to humans. The species, age of the animal, and whether front or rear claws were used must be noted, and an indication of scale (a ruler is sufficient) must be visible in the photo/slide. A short description of the animal's behavior as it inflicted the scratch (e.g., play, jumped out of arms or off lap, defensive aggression, etc.) would be helpful. I will be collecting this material for perhaps the next year, so keep this in mind if you have no material at this time. Send to **Peter L. Borchelt, Animal Behavior Consultants, Inc. 2465 Stuart St., Brooklyn, NY 11229.**

REQUEST FOR INFORMATION. Being in a remote area of the United States is great for hands-on experiences of teaching animal behavior. However, our library sources are limited, and I frequently feel the need for my students to read a greater breadth of the classic papers in our field. I am attempting to compile a list of those "essential" original research reports to which every undergraduate in their first course in animal behavior should be exposed. McGill's *Readings in Animal Behavior* are helpful, of course, but dated by now and a bit limited in the range of current topics. There are several articles that each of us feel are important for each new student to read to get the right feel and ideas for our discipline. One of my all-time favorites is Jakob von Uexkull's "A stroll through the worlds of animals and men: A picture book of invisible worlds" in Schiller, C.H. (1957) *Instinctive Behavior*. But I am woefully biased in my selections. May I prevail upon you as colleagues in the Animal Behavior Society to jot down several (no more than five) original reports in animal behavior that you feel your students "must read"? I would particularly like to know about the one or two "special papers" you read early on that excited you about the study of animal behavior. In addition, I would appreciate receiving a copy of your undergraduate Animal Behavior course syllabus. As I compile a list of our favorites, I will submit the results to the ABS Newsletter. Please send your suggestions to **Steve Anderson Platt, Dept. of Psychology, Northern Michigan University, Marquette, MI 49855.**

HELP UPDATE THE ABS FILM CATALOG. The ABS Film Committee plans to revise the ABS Film catalog by including brief summaries along with information on titles and distributors. If there are films/videos that you can summarize in 2-4 sentences, please send your summaries and the following information: title, year of production, length (min), film or video, color/bw, sound/silent, distributor or producer, and distributor/producer's catalog code and address. The Film Committee can find the information you don't know

if you have a title and distributor. Send material to **Tom Rambo, ABS Film Committee, Room 111, Natural Science Bldg., Northern Kentucky University, Highland Heights, KY 41076. Phone: 606-572-5305.**

MEETINGS

1992 ABS MEETING. The Animal Behavior Society will hold its 29th annual meeting at Queen's University, Kingston, Canada from 13-18 June 1992. Address inquiries to **L. Ratcliffe** or **K. Wynne-Edwards, Dept. of Biology, Queen's University, Kingston, Ontario, K7L 3N6.**

1993 ABS MEETING. The 1993 meeting of the Animal Behavior Society will be held at the University of California at Davis, 24-30 July. For information, contact **Benjamin Hart, Dept. of Physiology, School of Veterinary Medicine, University of California at Davis, Davis, CA, 95616.**

1991 ASZ MEETING. The American Society of Zoologists will hold its annual meeting in Atlanta, GA from 27-30 December, 1991. A symposium entitled "Basic Animal Behavior Research in Zoos: A Link with the Wild" is planned. Scheduled speakers include Joan Lockard, Jill Mellen, Deborah Fortman, Jeanne Altmann, Cathy Cox, Leslie Saul, Donald Lindburg, and Cheryl Asa. Oral contributed papers in animal behavior are scheduled for Friday, Dec. 27, Saturday, Dec. 28, and Sunday, Dec. 29. Posters in animal behavior will be shown Sunday morning, Dec. 29. For further information, contact **Mary Adams Wiley, American Society of Zoologists, 104 Sirius Circle, Thousand Oaks, CA 91360** or **Cheryl Asa, St. Louis Zoo, Forest Park, St. Louis, MO 63110.**

1992 ASZ MEETING. A symposium entitled "Cannibalism and Infanticide" organized by Gerard FitzGerald is scheduled for the 1992 ASZ meeting in Vancouver, B.C. Scheduled speakers include W. Vickery, Lori Stevans, Gary Polis, Craig Sargent, Felix Breden, David Pfennig, Eileen Lacy, Doug Mock and F.G. Woriskey.

IVth NEOTROPICAL ORNITHOLOGY CONGRESS. The IVth Neotropical Ornithology Congress will be held in Quito, Ecuador from November 3-9, 1991. For information, contact **Nancy Holbert de Benavides, Secretary, Organization Committee, IV Neotropical Ornithology Congress, Executive Director, CECIA ICBP ECUADOR.**

12th ANNUAL MIDWEST CONFERENCE ON POPULATION BIOLOGY will be held 25-27 October 1991 at Northern Illinois University in DeKalb, Illinois. This conference provides faculty and graduate students at institutions throughout the midwest with an opportunity to interact. There will be 13 invited speakers describing

their research in evolution, ecology, and behavior, and a contributed poster session. Dr. May Berenbaum will speak at the banquet. For further information, contact one of the co-coordinators: **Dr. Bethia King, phone 815-753-8460, BITNET t80bhkl@niu;** **Dr. Richard King, phone 815-753-3205, BITNET t80rbkl@niu;** or **Dr. Sam Scheiner, phone 815-753-7847, BITNET t80smst@niu;** Dept. of Biological Sciences

THIRD LATIN-AMERICAN CONGRESS OF HERPETOLOGY will be held in Campinas, Sao Paulo, Brasil, December 12-18, 1993. For further information, contact **Camissao Organizadora 3º CLAH, Departamento de Zoologia, 1B, Universidade Estadual de Campinas, 13081 - Campinas, SP, Brasil.**

SYMPOSIUM ON THE BEHAVIOURAL ECOLOGY OF LEARNING. The XVIIth Annual Meeting of the Société québécoise pour l'étude biologique du comportement (Quebec Society for the Biological Study of Behaviour) will be held November 1-3 at Concordia University in Montreal, Canada. In addition to contributed papers and posters, the programme will include a special symposium on the behavioural ecology of learning with presentations by **Dr. A. Kacelnik (University of Oxford), Dr. A. Kamil (University of Massachusetts), Dr. S. Shettleworth (University of Toronto)** and **Dr. D. Stephens (University of Nebraska).** Contributed papers and posters need not address this theme and may be presented in French or English. Send abstracts or requests for further information to **Luc-Alain Giraldeau, Dept. of Biology, Concordia University, 1455 de Maisonneuve Blvd. West, Montreal, Québec, Canada H3G 1M8.**

CONFERENCE ON THE BIOLOGY OF MARINE MAMMALS. The Society for Marine Mammalogy will hold its Ninth Biennial Conference on 5-9 December 1991 at the Chicago Marriott Hotel. The conference will be hosted jointly by the John G. Shedd Aquarium and the Chicago Zoological Society. For more information, contact the conference chairman **William P. Braker, Director, John G. Shedd Aquarium, 1200 South Lake Shore Drive, Chicago, IL 60513.**

NORTHEAST REGIONAL ANIMAL BEHAVIOR SOCIETY MEETINGS. Amherst, Massachusetts, 1-3 November 1991. Co-hosted by the 5-College Behavioral Ecology Group and the Neuroscience and Behavior Program. Details will be mailed to "Northeast" members of the ABS. Address inquiries to **NERABS, c/o Don Kroodsma, Dept. of Zoology, University of Massachusetts, Amherst, MA 01003-0027.**

OPPORTUNITIES

THE DEPARTMENT OF PSYCHOLOGY, UNIVERSITY OF WISCONSIN, anticipates making one or more faculty appointments beginning

August, 1992 in one or more areas. One of the appointments is in **biological psychology** at the Assistant Professor level. Candidates working on any aspect of the biological bases of behavior including animal behavior, neuroethology, behavioral neuroscience, etc. will be considered. A curriculum vita plus three letters of evaluation and selected reprints should be sent to the **Search Committee, Biological Psychology, Dept. of Psychology, University of Wisconsin-Madison, 1202 West Johnson St., Madison, WI 53706**. The University of Wisconsin is an equal opportunity/affirmative action employer, and especially encourages women and minorities to apply. To ensure consideration, applications should be received by November 1, 1991.

RESEARCH ASSISTANTSHIP: A PhD. stipend is available beginning August, 1991, as part of a BLM funded research project on the Snake River Birds of Prey Area near Boise, Idaho. MS required. 5 mos. per year in the field. Behavioral study of the Townsend's ground squirrel, interest in environmental physiology useful. Contact **Dr. Beatrice Van Horne, Asst. Prof., Dept. of Biology, Colorado State University, Fort Collins, CO 80523, Phone: 303-491-0953 or 303-491-7011**.

RESEARCH ASSOCIATE: Full time position available with a non-profit research foundation to analyze and prepare for publication comparative pedolinguistic data. Individual should possess: MA/PhD. in psychology, linguistics or allied field; extensive research and academic publication experience; excellent command of the English language; computer literacy; ability to meet deadlines and work under pressure; American Sign Language background (not required). Salary will be commensurate with qualification and experience. Send letter of inquiry with resume and portfolio of work to **Dr. Francine Patterson, Box 620-530, Woodside, CA 94062**.

FIELD ASSISTANT NEEDED in October and November for a research project on a migratory warbler in the Yucutan Peninsula, Mexico. Field work takes place near a small beach town 25 km south of Cancun - transportation and living expenses provided. Modest salary a possibility, depending on qualifications. This is a behavioral study of Hooded Warblers, examining the territoriality of males and females during the winter season. Please send letter of interest and names of two references to **Dr. Bridget J. Stutchbury, Dept. of Zoological Research, National Zoological Park, Washington, DC 20008. Phone: 202-673-4815**.

FIELD ASSISTANTS NEEDED for an ongoing study of the red howler monkey demography and behavior in Venezuela. Main duties will be to record census and behavior data along with assisting the project scientist in chemical immobilization work. Applicants must be healthy and capable of working in the field long hours in

difficult field conditions. Assistants must stay for six months, starting November 1991 to April 1992. Living expenses in the field can be covered but travel expenses cannot. To apply, send a letter by September 1, 1991 detailing your interests and field experience, resume and one letter of recommendation to **Dr. George Agoramoorthy, 516 Mahoning Court, Columbus, OH 43210**.

SEVERAL FIELD ASSISTANTS are needed for ongoing long-term studies of the behavioral ecology of cooperatively breeding Acorn Woodpeckers and Western Bluebirds and of non-cooperatively breeding Scrub Jays at Hastings Reservation in upper Carmel Valley, California. Positions run from late March or early April 1992. Duties include censusing and banding birds, behavioral watches, and participation in field experiments. Experience handling birds desirable, but enthusiasm for observing them a must. All positions include housing and a modest stipend. One position would be particularly appropriate for a couple, one of whom is interested in child care. Contact **Walt Koenig or Janis Dickinson, Hastings Reservation, 38601 E. Carmel Valley Rd., Carmel Valley, CA 93924. Phone: 408-659-2684**.

WOMEN'S STUDIES/BIOLOGICAL SCIENCES. The Women's Studies Program of the University of Georgia invites applications for a tenure-track position at the assistant professor level to be jointly appointed between women's studies and an appropriate field. Speciality fields must be biologically related and must include women or gender-related topics. Research interests such as animal behavior, anthropology (biological, nutritional, and medical), biochemistry, nutrition, psychology, and zoology are appropriate. PhD. degree, promise in research and teaching, and a strong commitment to women's studies are required. The appointment begins September, 1992. Send a curriculum vitae, statement of research interests, evidence of commitment to women's studies, and names of three references by November 15, 1991 to: **Search Committee, Women's Studies Program, University of Georgia, 230F Main Library, Athens, GA 30602**. The University of Georgia is an equal opportunity/ affirmative action institution.

EXPERIENCED GREAT APE KEEPER: Full-time position available with a non-profit research foundation to assist with ongoing research. Unique opportunity to work with gorillas. Responsibilities include care and maintenance of animals, food preparation, hands-on cleaning, data collection and tallying, record keeping, general office work. This individual must be able to work closely and effectively with a variety of others. The position is full-time (40 hours per week) with a work week that includes both Saturday and Sunday. We desire someone who is alert, animal oriented, aware/perceptive of people as well as animals, hard working, able to follow instructions, possessor of good judgment, initiative and is career-oriented. We are seeking an experienced great ape keeper and an entry level

individual (each possessing a stable track record) to join our staff. ASL experience is preferred but not required. Salary will be commensurate with qualifications and experience. Send letter of interest, resume and salary requirements to **Dr. Francine Patterson, Box 620-530, Woodside, CA 94062.**

RESEARCH ASSISTANTS (5) needed from 1 Sept. 1991 to 28 Feb. 1992 for studies of wintering waterfowl in Louisiana. Applicants must be willing to work long hours under difficult field conditions. Duties include trapping, marking, behavioral observation, radio-tracking, and habitat sampling. Applicants with previous experience with waterfowl, operation of motor boats, personal computers, and radio-telemetry are preferred. Salary is \$680/month plus free housing. All local transportation will be provided. Send resume and names and phone numbers for two references before Sept. 1, 1991, to **Alan D. Afton, Louisiana Cooperative Fish and Wildlife Research Unit, Louisiana State University, Baton Rouge, LA 70803. Phone: 504-388-4212.**

CANADIAN RESEARCH OPPORTUNITY WITH RICHARDSON'S GROUND SQUIRRELS for researchers seeking a study site with animals of known histories. Research site located 40 km from the University of Lethbridge, Alberta, Canada. Ground squirrels have been ear-tagged since 1986; maternal kinships known for 6 generations. This readily-trappable and easily-observable squirrel is ideal for studies of mate choice, mating success, social and spatial relationships, reproductive energetics, hibernation ecology, survival and fecundity. Researchers planning non-invasive behavioral, ecological, or physiological studies compatible with ongoing research will be considered. Limited research funds available; no salary support available. The University of Lethbridge is an undergraduate institution. Graduate students with affiliations at other institutions or postdoctoral fellows welcome. For further information, contact **Gail R. Michener, Biological Sciences, University of Lethbridge, Alberta, Canada, T1K 3M4. Phone: 403-329-2568 or 403-732-4630.**

GRADUATE STUDENTS OR POSTDOCS are needed to participate in a study of the behavior, ecology and demography of Tasmanian native hens (*Tribonyx mortierii*). In our population of native hens, groups exhibit a great variety of mating and rearing systems, including monogamy, cooperative polyandry, polygyny and nonreproductive helpers. We began our study, located in an island national park off the coast of Tasmania, Australia, in Dec. 1989 and now have 35 groups of native hens fully banded. The population density is high, the birds are easy to trap and observation conditions are excellent. We are especially interested in getting other people involved in the field work by Sept. 1992. Students or postdocs could be affiliated with any university, but would have to find most of their own funding. For more information, contact **Anne and Alan Goldizen. Until 25**

August 1991, we are at the Dept. of Biology, University of Michigan, Ann Arbor, MI 48109. Phone: 313-747-0898. Between Sept. 1991 and March 1992, we will be at Maria Island National Park, Triabunna TAS 7190, Australia.

CANDIDATES FOR THE 1991 ELECTION OF OFFICERS

SECOND PRESIDENT-ELECT

Hugh Dingle

Birthdate: Nov. 4, 1936

Education: B.A. 1958 Cornell University

M.S. 1959 Univ. of Michigan

Ph.D. 1962 Univ. of Michigan

Present position: Professor, Insect Behavior, University of California, Davis

Research interests: Migration, evolutionary genetics of behavior, agonistic behavior and life-histories.

ABS and related activities: Keynote speaker, 1987;

Founders' Poster Award judge, 1987; Symposium co-organizer for ABS and DAB-ASZ, 1988;

symposium speaker, 1990; Chairperson, Animal

Behavior Graduate Group, UC Davis, 1986-89,

Secretary, International Society for Behavioral

Ecology, 1988-90.

Michael D. Beecher

Birthdate: March 20, 1940

Education: B.A. 1963 Reed College

Ph.D. 1970 Boston University

Present position: Professor, Animal Behavior

Program, Dept. of Psychology, Univ. of

Washington, Seattle

Research Interests: Evolution and behavior;

behavioral ecology and mechanisms of animal

communication.; kin recognition; animal sensory

-perceptual systems.

ABS and related activities: Editorial Board *Animal*

Behaviour, 1984-1988; Allee competition judge,

1986; Chair, Ethics Committee, 1987-1990.

Jan A. Randall

Birthdate: July 3, 1943

Education: B.S. 1965 Univ. of Idaho

M.Ed. 1969 Univ. of Washington

Ph.D. 1977 Washington State Univ.

Present position: Assoc. Professor, Dept. of Biology, San Francisco State University

Research interests: Comparative studies of social organization and communication in sympatric species of desert rodents, seismic communication, predator-prey interactions.

ABS and related activities: Member of ABS since

1972; ABS member-at-large, 1986-89; Chair,

Research Grants Committee 1988-89; organized

invited paper session, ABS Tucson, 1986;

Program Officer, DAB-ASZ, 1990-92.

PROGRAM OFFICER

John Byers

Birthdate: August 23, 1948
Education: B.A. 1970 Swarthmore College
M.S. 1975 West Virginia University
Ph.D. 1980 University of Colorado
Present position: Assoc. Professor, Dept. of Zoology
University of Idaho
Research interests: Behavioral development, play,
social organization and behavior of ungulates,
mating systems and sexual selection.
ABS and related activities: Allee Award judge, 1991.

John Williams

Birthdate: January 31, 1941
Education: B.A. 1963 Univ. of Texas at Arlington
M.A. 1965 University of Florida
Ph.D. 1967 University of Florida
Present position: Professor, Dept. of Psychology,
University of North Carolina at Wilmington
Research interests: Early interest-comparative
psychology of learning (especially crocodilians).
Current primary interest-social behavior of
mammals.
ABS and related activities: Host of ABS annual
meetings in 1975 and 1991; member of ABS
Policy Committee 1985-88; Allee Award judge
1973.

MEMBER-AT-LARGE

Jack Demarest

Birthdate: April 27, 1945
Education: B.A. 1968 SUNY at Brockport
M.A. 1970 Connecticut College
Ph.D. 1976 SUNY at Stony Brook
Present position: Professor, Monmouth College (NJ)
Research interests: Learning and assessment strategies
(fish); imprinting and early attachment (ducks,
guinea pigs); sex role stereotypes and sex
differences (humans); history of comparative
psychology/ethology.
ABS and related activities: Chair, Film Committee
1988-91; Committee on regional ABS meetings
1978-80; host /program chair, Northeast regional
ABS meeting 1976; Editor, Comparative Psych.
Newsletter 1980-89; APA Div 6 Program Chair
1986.

Patricia Adair Gowaty

Birthdate: not given
Education: B.A. 1967 H. Sophie Newcomb College,
Tulane University
Ph.D. 1980 Clemson University
Present position: Research Associate Professor,
Clemson University
Research Interests: evolution and functional
significance of social behavior; mating systems and
sex allocation; experimental and observational

studies of wild-living birds; molecular genetics
techniques used for parentage assignment and
exclusion; currently asking questions about intra-
family variation in kinship, and its relationship to
behavioral variation in observed social systems,
aggression, dispersal and "parental" care.

ABS and related activities: Assoc. Editor of *Animal
Behaviour* 1988-1991; four ABS Committees;
the ad hoc Committee on Awards 1986-87, the
Research Awards Committee 1985-1987, the
Policy Committee 1983-1985, and the Animal
Welfare Committee 1978-1983; Founders' Poster
Award judge 1990; Allee Award judge 1985; second
place winner of the Allee competition 1979;
Counselor for the International Society for
Behavior Ecology 1990-1993; advisory editor
of *Behavioral Ecology & Sociobiology*; member
of the US International Ethology Conference
Committee and alternate to International Ethology
Conference Council 1987-1993; co-organizer of a
symposium for the DAB-ASZ meeting 1987.

PARLIAMENTARIAN

Daniel Formanowicz

Birthdate: April 27, 1954
Education: B.A. 1976 SUNY at Fredonia
M.S. 1978 Adelphi University
Ph.D. 1982 SUNY at Albany
Present position: Assoc. Professor, Dept. of Biology
Univ. of Texas at Arlington
Research interests: predator-prey interactions, foraging
behavior
ABS and related activities: Assoc. editor of
Herpetologica (Herpetologists League) 1989-
present; ad hoc member Long-range Planning and
Finance Committee, Herpetologists' League 1988-
89.

George Waring

Birthdate: July 15, 1939
Education: B.S. 1962 Colorado State University
M.S. 1964 University of Colorado
Ph.D. 1966 Colorado State University
Present position: Professor, Dept. of Zoology
Southern Illinois University at Carbondale
Research interests: Behavioral development,
communication; social organization and applied
ethology of wild, captive, and domesticated
vertebrates.
ABS and related activities: Business Affairs
Committee for the establishment of ABS; Chair,
ABS Public Affairs Committee; Chair,
Organization and Bylaws Committee of the
American Veterinary Society of Animal Behavior;
ABS Logo Committee; ABS Committee on Issues
in Applied Animal Behavior; Editorial Board
Animal Behaviour; Chair, ABS Committee on
Organization and Bylaws; ABS Policy Committee;
ABS Parliamentarian.

CANDIDATES FOR THE 1991 ELECTION

TO MEMBERSHIP ON THE U.S.E.C.C.

Only U.S. members of ABS may vote in this part of the election. Two members are to be elected (see the ballot for more information),

Jeanne Altmann

Birthdate: March 18, 1940

Education: B.A. 1961 Univ. of Alberta

M.A.T. 1970 Emory University

Ph.D. 1979 Univ. of Chicago

Present position: Professor, Dept. of Ecology and Evolution, Univ. of Chicago; Research Curator, Chicago Zoological Society

Research interests: Non-experimental research design and analysis; ecology and evolution of family relationships and of behavioral development; primate demography and life histories; parent-offspring relationships, infancy and the ontogeny of behavior and social relationships; conservation education and behavioral aspects of conservation.

ABS and related activities: Editor, *Animal Behaviour* 1978-82; President and President-elect of ABS 1983-86; Fellow of the Animal Behavior Society, elected 1988; various Editorial Boards of journals; member of NSF Advisory Panels

Roy Caldwell

Birthdate: Sept. 28, 1943

Education: B.A. 1965, Univ. of Iowa

Ph.D. 1969, Univ. of Iowa

Postdoctoral Fellow, 1969-70, Imperial College of Science and Technology

Present position: Professor, Dept. of Integrative Biology, University of California, Berkeley

Research interests: Behavior and ecology of stomatopods.

ABS and related activities: Reviewer for *Animal Behaviour*, *Ethology*, *American Naturalist*, *Behaviour*, and a number of other journals; Member of NSF Panels, Member of NRC Grad. Fellowship Eval. Committee.

H. Carl Gerhardt

Birthdate: May 23, 1945

Education: B.S. 1966 Univ. of Georgia

M.S. 1968 Univ. of Texas at Austin

Ph.D. 1970 Univ. of Texas at Austin

Present position: Professor, Biological Sciences, University of Missouri, Columbia

Research interests: Mechanisms and evolution of acoustic communication in animals.

ABS and related activities: Secretary, International Society for Neuroethology 1984-87; Editorial Boards; *Animal Behaviour* 1982-91, *Bioacoustics* 1987-present, Assoc. Editor (*Ethology*) 1987-present, *Herpetologica* 1991-present

Judy Stamps

Birthdate: March 13, 1947

Education: B.A. 1969 Univ. California at Berkeley

M.A. 1971 Univ. California at Berkeley

Ph.D. 1974 Univ. California at Berkeley

Present position: Professor, Dept. of Zoology, University of California at Davis

Research interests: territorial behavior, parent-offspring relationships, habitat selection, relationships between proximate behavioral processes and problems in ecology and evolutionary biology.

ABS and related activities: Editorial Board *Animal Behaviour*; assorted ABS Committees; Allee Award judge.

**BALLOT: 1991 GENERAL ELECTION
OF THE ANIMAL BEHAVIOR SOCIETY**

**PLEASE FILL OUT THE BALLOT, DETACH IT
AND MAIL IT IN AN ENVELOPE BEARING
YOUR NAME TO**

**JANIS DRISCOLL, SECRETARY, ABS
DEPT. OF PSYCH., CAMPUS BOX 173
UNIV. OF COLORADO AT DENVER
P.O. BOX 173364
DENVER, CO 80217-3364**

**BALLOTS POSTMARKED AFTER
OCT. 10, 1991 CANNOT BE COUNTED**

**ACCORDING TO ABS POLICY, THE
ENVELOPE CONTAINING YOUR BALLOT
MUST BEAR YOUR NAME**

You may cast write-in votes. We are electing four officers of ABS (terms to begin June 19, 1992). In addition, US members are electing two delegates for the US Ethological Congress Committee (terms begin September 1, 1991). All ABS members (regular members, student members, spouse members and active Fellows) are eligible to vote for the four ABS officers. Only US members may vote for the delegates to the USECC. Results will be announced in the November Newsletter.

PLEASE VOTE! Fewer than 10% of the ABS members typically vote. These are the people who will decide the direction of your Society. Please read the biographical material provided on the candidates and VOTE.

The order of listing of candidates may influence voting. Please avoid this bias in making your choices. This year, the candidates are listed in reverse alphabetical order.

ABS OFFICERS

Rank the candidates for each office by placing a 1 in the blank following your first choice, a 2 in the blank following your second choice, etc.

FOR SECOND PRESIDENT-ELECT:

Janet Randall _____

Hugh Dingle _____

Michael D. Beecher _____

Write-in _____

FOR PROGRAM OFFICER

John Williams _____

John Byers _____

Write-in _____

FOR MEMBER-AT-LARGE

Patricia Adair Gowaty _____

Jack Demarest _____

Write-in _____

FOR PARLIAMENTARIAN:

George Waring _____

Daniel Formanowicz _____

Write-in _____

MEMBERS OF U.S.E.C.C.

(Only US members of ABS may vote)

The USECC has six members, three of whom serve as delegates to the IEC Council. The USECC term is six years and the terms of two current members will expire in August, 1991. Please rank the candidates by placing a 1 next to your first choice, a 2 next to your second choice, and so on. The candidate with the most 1s becomes a member of the USECC and a delegate to the IEC Council. The runner-up also becomes a member of the USECC and will serve as an alternative to the IEC Council in the event the delegate is unable to attend.

Judy Stamps _____

Carl Gerhardt _____

Roy Caldwell _____

Jeanne Altmann _____

Write-in _____

MINUTES
THE ANIMAL BEHAVIOR SOCIETY ANNUAL BUSINESS MEETING
JUNE 4, 1991
UNIVERSITY OF NORTH CAROLINA AT WILMINGTON
WILMINGTON, NORTH CAROLINA

(Policy matters are marked #.)

1. The meeting was called to order by President Charles Snowdon at 10:50 AM.
2. A **motion** was made and seconded to approve the minutes of the 1990 business meeting as published in the August, 1990 Newsletter (Vol. 35, No. 3). **PASSED**
2. Robert Matthews presented the Treasurer's report. He indicated that the Society is in good financial condition in spite of a 10% nonrenewal rate this year. He did not recommend a dues increase at this time. He announced that dues notices for 1992 will go out in mid-September with a due date of December 1. Also, so that members can better keep track of their dues, a two digit number indicating the year through which dues have been paid will be placed in the upper right hand corner of the Newsletter mailing labels.
3. Secretary Driscoll read a summary of the Executive Committee held on June 1, 1991:

In attendance were Charles Snowdon, President; Jane Brockmann, First President-elect; Gail Michener, Second President-elect; Zuleyma Halpin, incoming Second President-elect; Robert Matthews, Treasurer; Janis Driscoll, Secretary; Lee Drickamer, Editor; Patricia Gowaty, Assoc. Editor; Meredith West, Editor-elect; Lynne Houck, Program Officer; George Barthalmus, first Member-at-large; Martin Daly, third Member-at-large; Bennett Galef, Member-at-large-elect; Donald Dewsbury, Historian; George Waring, Parliamentarian; Stimson Wilcox, 1990 local host; John Williams, 1991 local host; Ira Perelle, Membership Committee Chair;; John Wright, Board of Professional Certification Chair; Charles Blaich, Policy Committee Chair; Jack Demarest, Film Committee Chair; Jed Burt, Ethics Committee Chair; Benjamin Hart, Issues in Applied Animal Behavior Committee Chair.

- a. John Williams, local host, reported that as of the time of the EC meeting, 450 persons were registered for the annual meeting.
- b. Stimson Wilcox, 1990 local host, reported that 440 persons registered for the meeting at Binghamton. The meeting netted \$2000 of which \$1000 will be donated to the ABS Research Grant program. The other \$1000 will be used to support student research at SUNY Binghamton.
- c. President Snowdon expressed thanks to both local hosts.
- d. President Snowdon reported on his testimony before NSF and his meetings with science administrators and professional organizations. He indicated a need for increased funding for the president to support such activities.
- e. First President-elect Brockmann presented her nominees for committee chair positions. She will discuss committee appointments with Chairs during the week of the meeting.
- f. Second President-elect Michener indicated that there will be 13 participants in the Allee competition. This is the 20th year of the competition.
- g. In the absence of Past-President Colgan, President Snowdon reported on the Nominations committee and the Career Awards Committee.
- h. Secretary Driscoll discussed the use of recycled paper for the Newsletter and the increased cost of mailing the Newsletter caused by the increase in U.S. postal rates which occurred in January.
- i. Treasurer Matthews presented his report. The proposed budget for the coming year will be finalized at the EC meeting on Tuesday afternoon.
- j. Program Officer Houck discussed the need for an additional person to handle advertising, media, public relations, etc. for the annual meeting.
- k. Parliamentarian Waring indicated a need to formally change the Bylaws to add new duties of the first president-elect as an ex officio member of the Board of Professional Certification.
- l. Member-at-large Barthalmus reported on the ABS Research Grant Awards.
- m. Reports were received from the Historian, the Animal Care Committee, the Endowments Committee, the Board of Professional Certification, the Policy Committee, and the Ethics Committee.
- n. Chair Wright reported that the Board of Professional Certification has certified six individuals as applied animal behaviorists or associate applied animal behaviorists this year.
- o. Meredith West reported on the Public Affairs Committee for Chair Irene Pepperberg. West has compiled a list of news reporters and science writers who are interested in animal behavior material. Ways to use this list to benefit the Society were discussed.
- p. Membership Chair Perelle reported that the Society has experienced a 10% nonrenewal rate this year.

- q. A **motion** to accept the reports of officers and committee chairs was made and seconded. PASSED
- r. A **motion** to accept the minutes of the 1990 Executive Committee meeting as reported in the August 1990 Newsletter was made and seconded. PASSED
- s. A **motion** to increase the President's budget to \$1000 to support travel and expenses in meeting with science administrators and professional societies was made and seconded. PASSED
- t. A **motion** was made and seconded that the President and First President-elect will work to revitalize existing liaisons with other professional organizations (AIBS, ASZ, AAAS) and establish new ones with APA and APS. PASSED
- u. A **motion** was made and seconded to endorse the following resolution supporting the establishment of a national Institute for the Environment: PASSED

Whereas, environmental health must be regarded as seriously as human health;
 Whereas, a solid scientific basis is essential for effective programs to protect the environment;
 Whereas, there is a need in the United States for a coordinated national program to support fundamental and applied environmental research encompassing a wide variety of disciplines aimed at understanding, preventing, and solving environmental problems;
 Whereas, such research is presently uncoordinated and largely underfunded;
 Whereas, a consensus is emerging in the scientific community that a government agency that supports mission-oriented competitively awarded research, analogous to the way the National Institutes of Health supports biomedical research, may be the most appropriate vehicle to encourage, promote and support environmental research;
 Therefore, the Animal Behavior Society supports the concept of creating a National Institute for the Environment and requests to participate in the development and planning of such an Institute.

- v. A **motion** was made and seconded to select Fellows of the Animal Behavior Society every year instead of every other year as has been the recent practice. PASSED #
- w. First President-elect Brockmann made the following nominations of committee chairs:

Policy Committee	David Duvall
Education Committee	Carol Saunders
Film Committee	Tom Rambo

- x. A **motion** to approve these nominations was made and seconded. PASSED
- y. A **motion** was made and seconded that names of winners of ABS Career Awards will be announced at the annual meeting at which they are selected. These individuals will be presented with a commemorative plaque at the annual meeting the following year. PASSED
- z. The Executive Committee approved the use of recycled paper for the Newsletter.
- aa. A **motion** was made and seconded to change the **Bylaws** of the Society, Article II, Section 2, by adding to the duties of the First President-elect that this officer shall be an ex officio member of the Board of Professional Certification. And to add to **Policy**, Section VI, Part A, that this officer will not vote on certification cases. PASSED #
- bb. A **motion** was made and seconded that the President write a letter of appreciation to Robert Walthen, Assistant Editor of *Animal Behaviour*. PASSED
- cc. A **motion** was made and seconded that President Snowdon, Editor Drickamer, Editor-elect West and Treasurer Matthews will pursue the matter of joint ownership of *Animal Behaviour* with ASAB. PASSED.
- dd. The following persons have been nominated as candidates for ABS offices:

Second President-elect:	Michael Beecher Hugh Dingle Janet Randall
Program Officer:	John Byers John Williams
Member-at-large:	Jack Demarest Patricia Adair Gowaty
Parliamentarian:	Daniel Formanowicz George Waring

- ee. Winners of ABS Career Awards were selected. The names will be announced at the banquet on Wednesday evening. (The Quest award was won by Kim Sullivan and the Distinguished Ethologist award by W.D. Hamilton.)
- ff. A charge was made to the Policy Committee to discuss the issue of whether Career Awards should be restricted to ABS members or to North American scientists.

gg. A **motion** was made and seconded that only donated funds so earmarked be used for the ABS research grant program. However, if the total of such funds is less than \$3000, the Treasurer will use general funds to make up the difference.

PASSED#

hh. The need for a person to handle advertising/media/publicity for the annual meeting was discussed. The Policy Committee was charged to come up with a plan for fitting such a person into the present ABS organization.

ii. A **motion** was made and seconded to have the Treasurer collect demographic information on members on the annual dues statement. FAILED

jj. The Executive Committee approved the request of the Education Committee to update the Careers brochure and the ABS booklist. The Education Committee was also authorized to look into participation in precollege education, but not as its first priority.

kk. Lee Drickamer was appointed Chair of the *ad hoc* Endowments Committee.

ll. The recommendations of the Ethics Committee on the ABS Code of Ethics were discussed. A decision on changes recommended by the Ethics Committee will be made at the EC meeting later in the week.

mm. The Membership Committee was authorized to proceed on publication of a new membership directory and to exchange membership solicitation notices and Newsletters with other professional organizations.

nn. A **motion** was made and seconded to authorize the Membership Committee to spend up to \$1000 for solicitation of new members. PASSED

oo. The Executive Committee recommended that Membership Chair Perelle investigate membership nonrenewal by phoning a sample of nonrenewing members.

pp. Benjamin Hart presented a proposal to hold the 1993 ABS annual meeting at the University of California at Davis from July 24-30. A **motion** was made and seconded to accept this proposal. PASSED

Meeting adjourned at 4:08PM.

4. Parliamentarian Waring proposed the following change to **Bylaws, Article II, Section 2**: Add to the duties of the First President-elect an item c. serve as member (ex officio) of the Board of Professional Certification. A **motion** to approve this change was made and seconded. PASSED

5. President Snowdon introduced the officers and officers-elect.

6. Laurene Ratcliffe of Queen's University described some of the meeting plans for 1991. Benjamin Hart of the University of California at Davis described meeting plans for 1993.

7. Lee Drickamer announced the locations of future IEC meetings as follows:

1991 - Japan	1993 - Spain
1995 - Honolulu, Hawaii	1997 - Europe

He also announced that NSF is providing support for 10 young investigators to attend the 1991 meeting in Japan.

8. Jan Randall asked for proposals for symposia for the Animal Behavior section of the American Society of Zoologists for the 1993 meeting in Los Angeles. She expressed concern about a decline in membership and in proposals for symposia. Symposia proposals are due 20 months ahead of the meeting at which they are presented or the end of March, 1991, for 1993 proposals. Randall also announced that the 1991 meeting will be held December 27-31 in Atlanta and the 1992 meeting in Vancouver, BC.

9. The following announcements were made:

Jane Brockmann asked persons interested in committee assignments to contact her. She also asked for ideas on publicizing and promoting animal behavior.

Gordon Burghhardt announced that Jane Brockmann will be the new editor of the journal *Ethology*.

Lee Drickamer introduced Tom Roper the new European editor of *Animal Behaviour*.

Jeanne Altmann encouraged future hosts to consider the use of recycled products.

10. The issue of meeting scheduling was discussed. Those present indicated a strong preference for starting the annual meeting on Sunday rather than Monday. Other possibilities were suggested.

Meeting adjourned at 11:36 AM.

APPLICATION FOR MEMBERSHIP: ANIMAL BEHAVIOR SOCIETY

Name in Full _____ Degrees _____

Address _____

_____ Phone _____ E-Mail _____

Position _____ Institution _____

_____ Member - \$36 (US) Receive Animal Behaviour and Newsletter

_____ Student Member - \$18 (US) Receive Animal Behaviour and Newsletter

_____ Spouse Member - \$15 (US) Receive Newsletter

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

Name _____ Signature _____

This application should be send with remittance (make check payable to Animal Behavior Society) or include your

Mastercard # _____ or VISA # _____

Expiration Date _____ Card Holder's Signature _____

Send the application to: **Robert W. Matthews, ABS Treasurer**
Dept. of Entomology
University of Georgia
Athens, GA 30602

J. Driscoll
ABS Secretary
2550 W. 43rd Avenue
Denver, CO 80211-1732

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DENVER, CO
PERMIT NO. 4096

ADDRESS CORRECTION REQUESTED



RECYCLED PAPER