



# NEWSLETTER

## Animal Behavior

### Society

Vol. 39, No. 3  
August, 1994

A quarterly publication

Susan A. Foster, ABS Secretary

Harleigh E. Willmott, Editorial Assistant

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#### FOR 1994 ELECTION OF OFFICERS

The following persons have been nominated for ABS offices. The election ballot will appear in the November 1994 Newsletter and terms will begin following the annual meeting in 1995.

##### Second President-elect:

Dave Duvall, Arizona State University West  
Joy Mench, University of Maryland

##### Parliamentarian:

Deborah Gordon, Stanford University  
Kim Sullivan, Utah State University

##### Program Officer

Anne Clark, State University of New York,  
Binghamton  
Jeff Lucas, Purdue University

##### Member-at-Large:

Jean-Guy Godin, Mount Allison University  
John Wright, Mercer University

Additional Nominations may be made by letter to the Nominating Committee Chair Gail Michener, Dept. of Biological Science, University of Lethbridge, Lethbridge Alberta, T1K 3M4, Canada. Nominations must be signed by five or more ABS members in good standing (ABS Constitution, Article 8, Section 2) and must be received by September 15, 1994.

#### 1994 ANNUAL MEETING

The 1994 annual meeting of the Animal Behavior Society was held at the University of Washington in Seattle. The ABS Executive Committee thanks Jim Ha and his assistants for an excellent meeting.

#### 1994 ALLEE AWARD

The **W.C. Allee Award** for the best student paper presented at the annual meeting was won by **T. Ulmar Grafe**, Cornell University, for a paper entitled "Costs and benefits of female mate choice in the lek-breeding reed frog, *Hyperdius marmoratus*". Honorable mentions went to **Laurie S. Eberhardt**, University of Florida, for a paper entitled "Feeding behavior of a sap-eating woodpecker: possible behavioral adaptations for overcoming plant defenses" and to **Zen Faulkes**, University of Victoria, for a paper entitled "Sand crab digging: a neuroethological study of the evolution of a 'new' behavior".

#### ABS FILM COMPETITION

The **Jack Ward** competition for the best noncommercial film shown at the annual meeting was won by Shirley Davis, University of Maine, Orono, for her film entitled "**Proceptivity Patterns in Captive Lowland Gorillas, Orangutangs, and Celebes Macaques**". The best commercial film was "**The Big Freeze**", BBC Films, **Alastair Fothergill**, Producer. For information on obtaining these films, contact Tom Rambo, Biological Sciences, Northern Kentucky University, Highland Heights, KY, 41076, USA.

#### ABS CAREER AWARDS

**Judy Stamps**, winner of the 1994 Exemplar Award, received her award at the meeting. **John Maynard Smith** will receive his 1994 Distinguished Ethologist Award at a later date. Winners of the 1995 Career Awards are **Glen Woolfenden**, Distinguished Ethologist, **Douglas Mock**, Exemplar, and **Lee Alan Dugatkin**, New Investigator. They will receive their awards at the 1995 ABS meeting at Lincoln, Nebraska.

**JOHN L. FULLER  
FOUNDERS' MEMORIAL AWARD**

The ninth annual Founders' Memorial Award for the best poster presentation at the annual meeting was won by **J. Cully Norby, S. Elizabeth Campbell** and **Michael D. Beecher**, University of Washington for their poster presentation "Song learning strategies in the song sparrow". Honorable mentions went to **Cresada Buchanan-Beane** and **P.A. Zungoli**, Clemson University for their poster presentation "The influence of the female ring-legged earwig on offspring survival and development" and to **Udo M. Savalli**, University of California, Davis, for the poster presentation "Does rainfall constrain the evolution of tail length in widowbirds?"

**NEW ABS FELLOWS**

Congratulations to the following individuals who have been elected Fellows of the Animal Behavior Society.

William Bell	Douglas Mock
Edward H. Burt, Jr.	Kenneth S. Norris
David Chiszar	Donald H. Owings
John A. Endler	Irene Pepperberg
Darryl T. Gwynne	Charles Snowdon
Allison Jolly	George Uetz
Ellen D. Ketterson	

**CHANGES AT THE EDITORIAL  
OFFICE**

*Animal Behaviour* now operates with a multi-editor system. The Editor is Michael Beecher at the University of Washington. The associate editors are Fred Dyer, Bennett Galef, Patricia Schwagmeyer, and Peter Waser. All correspondence should be directed to the Seattle office: Michael Beecher, *Animal Behaviour*, NI-25, University of Washington, Seattle WA 98195. Electronic mail may be sent to: journal@u.washington.edu

Manuscripts under review by the previous editorial team (Meredith West, Fred Dyer, Ellen Ketterson, and Dale Lott) will continue to be evaluated by them until decisions regarding publication are made. Unless otherwise noted in journal correspondence, all communications with all editors (old and new) should go through the Seattle office. The Seattle office will direct your material to the appropriate editor.

N.B.: Please read the Instructions for Authors and the Notice to Contributors in the most recent issue of *Animal Behaviour* before sending in your manuscript. Attention to details saves time for authors, reviewers, and the assistant editors (Ana Dos Santos and Patricia Loesche). Thank you.

**ABS RESEARCH AWARDS**

Information on the 1995 ABS research awards can be obtained from Member-at-Large Patricia Adair Gowaty, Institute of Ecology, 711 Biological Sciences, University of Georgia, Athens, GA 30602-2602. E-mail: gowaty@zookeeper.zoo.uga.edu. Note that eligibility for these awards is restricted to those who are paid members of the ABS. In addition, the ABS Executive Committee has restricted eligibility for these grants to persons who are enrolled in a graduate program at the time of application. Deadline for requesting application forms is 30 November, 1994. Applications must be postmarked 10 January, 1995 or earlier.

**DIRECTION OF CORRESPONDENCE**

**ABS Newsletter** and general correspondence concerning the Society: Susan Foster, Dept. of Biological Sciences, University of Arkansas, Fayetteville, AR, 72701, USA. Deadlines are the 15th of the month preceding each Newsletter. Next deadline is October 15, 1994.

Articles submitted by members of the Society and judged by the Secretary to be appropriate are occasionally published in the ABS newsletter. The publication of such material does not imply endorsement by the ABS of the opinions expressed.

**Animal Behaviour:** manuscripts and editorial matters: Michael Beecher, *Animal Behaviour*, NI-25, University of Washington, Seattle, WA 98195, U.S.A.

**Change of Address:** missing or defective issues of *Animal Behaviour:* Randall Breitwisch, Dept. of Biology, University of Dayton, 300 College Park, Dayton, OH, 45469, USA.

**ABS OFFICERS**

**President:** Hugh Dingle, Dept. of Entomology, University of California, Davis, CA, 95616, USA. E-mail: rdhdingle@ucdavis.edu.

**First President-elect:** Lee Drickamer, Dept. of Zoology, Southern Illinois University, Carbondale, IL, 62901, USA. E-mail: ga3687@siucvmb.

**Second President elect:** Susan Riechert, Dept. of Zoology, University of Tennessee, Knoxville, TN, 37996-0810, USA. E-mail: pa34628@utkvm1.

**Past President:** Zuleyma Tang-Martinez, Dept. of Biology, University of Missouri, St. Louis, MO, 63121, USA. E-mail: szthalp@umslvma.

**Treasurer:** Randall Breitwisch, Dept. of Biology, University of Dayton, 300 College Park, Dayton OH, 45469, USA.

**Secretary:** Susan Foster, Dept. of Biological Sciences, University of Arkansas, Fayetteville, AR, 72701, USA.: E-mail: sfoster@uafsysb.uark.edu.

**Program Officer:** John Byers, Dept. of Biological Sciences, University of Idaho, Moscow, ID, 83843, USA. E-mail: jbyers@idui1.csru.uidaho.edu.

**Parliamentarian:** George Waring, Dept. of Zoology, Southern Illinois University, Carbondale, IL, 62901, USA. E-mail: ga3609@siucvmb.

**Editor:** Michael Beecher, Dept. of Psychology NI-25, University of Washington, Seattle, WA 98195, USA. E-mail: journal@u.washington.edu.

**Members-at-Large:** Patricia Gowaty, Dept. of Zoology, University of Georgia, Athens, GA, 30602, USA. E-mail: gowaty@zookeeper.zoo.uga.edu.

Christine Boake, Dept. of Zoology, University of Tennessee, Knoxville, TN, 37996-0810, USA. E-mail: pa122548@utkvm1.

Katherine Wynne-Edwards, Dept of Biology, Queen's University, Kingston, Canada, K7L 3N6. E-mail wynneedw@qucdn.queensu.ca.

**Historian:** Donald Dewsbury, Dept. of Psychology, University of Florida, Gainesville, FL, 32611, USA. E-mail: dewsbury@webb.psych.ufl.edu.

#### ABS COMMITTEE CHAIRS

Membership	Diane Chepko-Sade (1996)
Policy	Michael Renner (1997)
Education	Ted Burk (1996)
Organization & Bylaws	George Waring (PLM)
Animal Care	Joy Mench (1996)
Public Affairs	Irene Pepperberg (1996)
Film	Neil Mercado (1997)
Research Grants	Patricia Gowaty (ML1)
Ethics	Stuart Altmann (1996)
Applied Animal Behavior	Ben Hart (1996)
Board of Prof. Cert.	Suzanne Hetts (1997)
Career Awards	Zuleyma Tang-Martinez *
Endowments	Ira Perelle
Nominations	Zuleyma Tang-Martinez*

\*Past President

#### THE STATUS OF ASZ

By Dave Duvall, ASZ Liason

The financial and related administrative difficulties the ASZ experienced recently virtually are now history. The Officers of the ASZ, including Treasurer Kathy Packard and several recent and past Presidents, deserve thanks and recognition for their time-intensive efforts which effectively saved this long-lived and respected

scientific society. We can all look forward to a more progressive, responsive, and vital society of integrative biology, with a new and improved American Zoologist as tangible proof. It is impressive to me that all of this was accomplished within a period of about a year and a half. Thanks to all of you who helped over the past few years.

Though one of the larger divisions in the ASZ, the Division of Animal Behavior (DAB) has not had the greatest participation at annual meetings. Why not attend the meeting this year, to be held in St. Louis, MO, from 5-8 January 1994? Several symposia potentially of interest to many ABS members will be presented, including for example: *Risk Sensitivity in Behavior*, organized by Peter Smallwood (Bryn Mawr College) *Parasite Effects on Host Hormones and Behavior*, organized by Nancy Beckage (Univ. of California) *State of Experimental Ecology: Questions, Levels, and Approaches*, organized by William Reseratis, Jr. (Univ. of Missouri, St. Louis) *Environmental Endocrine Disrupters*, organized by Brent Paler (Ohio University) *Molecular Approaches to Zoology and Evolution*, organized by Joan Ferraris (NIH)

How about submitting a proposal for a symposium for future meetings (Washington, D.C. in 1994/1995 and Albuquerque, New Mexico, the next year)? Milt Fingerman (Editor, *American Zoologist*) is interested in "mini-reviews" of timely and exciting topics. I also ask your help in identifying members of both the ABS and the ASZ who would be willing to stand for election for various DAB offices. How about you?

#### ANNOUNCEMENTS FROM NSF

**Research in Undergraduate Institutions (NSF 94-79)** includes information about faculty research projects, research instrumentation grants, and Research Opportunity Awards for faculty members.

**Basic Research in Conservation and Restoration Biology (NSF 94-89)**, is a special competition with a September 29 deadline each year for receipt of proposals.

**Faculty Early Career Development (NSF 94-101)** combines research and educational activities in a single proposal, to be reviewed on the same schedule as research proposals in the disciplinary programs of NSF.

**Postdoctoral Research Fellowships in Biosciences Related to the Environment:** announcement to be published, probably in August, with an early-November submission deadline. The fellowships will provide an opportunity for the Fellows to gain additional scientific training beyond the doctoral degree and to pursue innovative and imaginative research into the fundamental

mechanisms underlying the interactions between organisms and their environment at the molecular, cellular, organismal, population, community and/or ecosystem level in any area of biology supported by NSF. (This includes work in animal behavior by scientists of any discipline.)

**Collaborative Research at Undergraduate Institutions Program (NSF 94-90)** with a September 1 deadline for brief pre-proposals, will provide support for undergraduate faculty to develop multidisciplinary research programs that enhance undergraduate education through quality hands-on research experiences.

**Doctoral Dissertation Improvement Grants** will continue under existing guidelines for the September 1, 1994, deadline. New guidelines will be published, probably in the Fall, for subsequent proposals.

**December 15** is the next target date for submission of proposals to the following programs: Animal Behavior, Ecological and Evolutionary Physiology, Ecology, Integrative Animal Biology, Integrative Plant Biology, Population Biology, Systematic Biology.

All NSF proposals must follow the format given in the Grant Proposal Guide (NSF 94-2). Electronic versions of NSF publication announcements may be obtained by sending a message in the form of "get nsf942" to stisserv@nsf.gov. Research offices at most institutions have copies of NSF publications.

For Information: Fred Stollnitz, Program Director for Animal Behavior 703-306-1419 fstollni@nsf.gov

## PROFESSIONAL ETHICS

### 4. SANCTIONS, ANYONE?

by **Stuart Altmann**

**Chair, ABS Ethics Committee**

*Should ABS retain those parts of its Code of Ethics that enable the Society to consider allegations of misconduct? This column is an abbreviated version of a brief that I prepared on that controversial question for this year's meeting of the Executive Committee.*

I have heard three objections to having procedures for reviewing alleged violations of our Code of Ethics. Some maintain that we are simply not justified in passing judgment on the professional ethics of our colleagues, that policing the ethical behavior of our members is not our task. This is the claim that enforcing our code of ethics is wrong in principle, and so I shall refer to this as the *principled objection*. Others say that considering allegations of

misconduct is not in itself objectionable, but that the costs may outweigh the benefits. Call this the *pragmatic objection*. Finally, some maintain that cases of alleged misconduct should be dealt with by the accused person's university or other home institution. That is, this is a claim that ABS is the wrong jurisdiction, and so I call this the *jurisdictional objection*. Let's consider each of these objections in turn.

*The principled objection.* --This objection seems to be based on a misconception of the scientific enterprise. Science is a meritocracy. Consequently, what we do as scientists is repeatedly judged by our peers, and we in turn judge them. We evaluate the work of our colleagues every time we review a manuscript or a grant application, every time we critically read the literature in our field, decide which of our colleagues will be offered a position in our department, grade an exam, write a letter of recommendation, and so on. However difficult such judgments may sometimes be, they are essential if the limited resources of science are not to be squandered.

Yet (it might be argued), these are judgments of scientific merit, and ABS is a scientific society, whereas our code of ethics deals with questions of morals and ethics. This argument is based on the false assumption that science involves only empirical evidence and logic. In fact, the scientific enterprise involves social processes as integral components without which it could not function, and so cannot be divorced from questions of professional ethics.

Let me illustrate. Perhaps the most universal ethical principle in the sciences is truthfulness. This ethical principle derives from the fact that no scientist works in total isolation from the research of others. At every step in scientific research, we depend on what our colleagues, past and present, have done. Consequently, we must have confidence in the veracity of our colleagues. We must be able to trust their word. This one ethical principle is so crucial to the scientific enterprise that those who knowingly falsify their data are commonly met with the most severe treatment: ostracism from the scientific community. Nothing so clearly conveys to scientists the seriousness of this offense and its importance to other scientists. Not surprisingly a prohibition on the dissemination of false, biased, exaggerated or otherwise unwarranted information is one of the cornerstones of the ABS Code of Ethics.

Several other principles of professional ethics are fairly general among the sciences, such as the prohibition on theft of intellectual property (ideas, data) and the obligation to defend freedom of scientific investigation and publication (Glass, 1993). Others pertain only to certain areas of science, such as our own animal care guidelines. The common denominator of all of these principles of professional

ethics is that conforming to them is mutually beneficial to our professional efforts. Conversely, their violation seriously damages the scientific enterprise. "The need for special ethical principles in a scientific society is the same as the need for ethical principles in society as a whole. They are mutually beneficial. They help make our relationships mutually pleasant and productive. A professional society is a voluntary, cooperative organization, and those who must conform to its rules are also those who benefit from the conformity of others. Each has a stake in maintaining general compliance" (Altmann 1994).

Well, you might say, okay, so we need a code of professional ethics, and a written code clarifies the issues and serves as a reminder, but couldn't we stop there? Couldn't we do without the section of the ABS code that describes how we should proceed when we receive allegations of professional misconduct, particularly if, as in our case, that section allows for sanctions against those that violate the Society's code? What purpose is served by these proceedings?

My answer is this. Without a means of adjudicating conflicts, the code would be just a list of wishful pieties, and anyone could freely ignore them because doing so would be without consequence. Furthermore--and I think this may be more important--anyone falsely accused of violating the ABS code could not turn to the Society to clear their good name, nor could any victim of misconduct turn to us for protection. Janis Driscoll, a member of our Ethics Committee, put it this way: "If the Executive Committee decides against sanctions, the Ethics Committee can still have an educational function--but we will be preaching to the choir and the bad guys won't be paying attention."

Yet, sanctioning transgressor and protecting the innocent is but one goal of our code. Another of its functions is educational: "to inform...members of their obligations, to bring home to thoughtless members the seriousness of what they have done, and to assure those who have done no wrong that good order is being maintained" (Davis 1990). Disciplinary procedures also have an important interpretive function, of clarifying what our code's language means in practice.

Perhaps a more pointed way of describing the functions of having ABS review allegations of misconduct is to consider some examples of what might happen if we had no such provision. Here is a small sample of the possibilities.

*Case 1* --Two members of ABS--call them Jack and Jill--have a romance. Then Jill jilts Jack. Angry, Jack falsely accuses Jill of publishing an article based on fictitious data. But, Jill has the notes in her own hand to prove she gathered the data and has videotapes of them all. So, Jill protests to ABS that she has been falsely accused. The ABS response?

Sorry, we don't handle accusations of unethical behavior any more.

*Case 2* --At national press meetings dealing with a controversial conservation issue before Congress, an ABS member presents his opinions as those of ABS, although he has not been authorized to do so. Despite repeated reminders from the ABS president that this is a violation of our Code of Ethics, the member persists. The Executive Committee wants to send the case to the Ethics Committee, but is reminded that ABS no longer does anything about those that violate its Code of Ethics.

*Case 3* --A graduate student arranges an ABS symposium on topic X. Faculty sponsor of graduate student does not work directly on topic X, but nonetheless makes clear to graduate student that the faculty member should be invited to give the opening address and should be co-editor of the planned symposium volume, and that otherwise, graduate student cannot expect to get a good letter of recommendation. Repeated discussions do not resolve the issue. Graduate student protests to ABS Ethics Committee under Section 20(a)6 of our ethics code. Committee tells student that the Committee can not hear the case.

*Case 4* --ABS finds out that a member is about to publish a book called "The Animal Behavior Society's Guide to Bird Watching." ABS Executive Committee tells author that the Society's name cannot be used on an item of commerce without ABS permission, according to our Code of Ethics. Author points out that the name of the Society is not a registered trademark, and so this is not a violation of the law, and that, because ABS has abolished any provision for sanctions against those that violate its Code of Ethics, there's nothing they can do about it.

I could provide more such examples, but I think you see my point. Without a way of adjudicating cases of alleged misconduct, our Society has no way to protect innocent victims, whether they are individuals, as in Cases 1 and 3, or the Animal Behavior Society as a whole, as in the other cases, and ABS would have no way to deal with willful disregard of our Code of Ethics.

We must recognize that the problem of misconduct will not go away if ABS abolishes its procedures for dealing with alleged misconduct. The only thing such action would change is that potential offenders would not have to consider the possibility of being sanctioned, and their victims would not be able to turn to the Society for help.

*The Pragmatic Objection*--That brings us to cost/benefit considerations. From a cost/benefit point of view, it is claimed, the Society gains almost nothing from acting on Code of Ethics violations, that we can endure the occasional violations to the Code, and that individuals who have been victims of unethical acts can pursue their cases in court.

The last part of this objection, that victims can pursue their case in court, overlooks the distinction between the unethical and the illegal. Our Code of Ethics deals with the former, the courts with the latter. A few items in our Code touch on illegal acts, e.g. the prohibition on plagiarism, which, in a narrow sense (e.g., copyright violation) is prohibited by law, but most of the items in our Code deal with forms of behavior that are unethical but not illegal.

The cost/benefit argument is more complex. Without doubt, costs could so greatly outweigh benefits that we would decide against hearing cases of alleged misconduct. So, for example, if Directors and Officers insurance would cost us \$100,000 per year, we would no doubt decide that the costs outweighed the benefits.

There are also important intangible costs. We must be particularly sensitive to the possible harm that can come from wrong judgments. The dilemma that we face was clearly expressed by Charles Blach, in our Ethics Committee, as follows:

"...It is our obligation to protect members of the Society....However, we also have an equally important obligation not to falsely accuse and sanction Society members....Ignoring either of these two obligations would, in my mind, be wrong."

While no adjudication procedure is infallible, several recent changes in our review procedures should reduce the risks. The Society needs perhaps five years of experience with our procedures before deciding whether the costs are prohibitive.

*Jurisdictional Objection.*--The last objection that I have heard is that ethics is not our business, that our business is the study of animal behavior, and that charges of ethical violations should be handled by the person's home institution.

Ethical considerations are very much a part of the scientific enterprise, as I discussed above, and so the activities that our Society promotes invariably involve professional ethics. That still leaves open the question, who should hear a case of alleged violations of the ABS code?

At one extreme are unethical acts that clearly fall within the scope of the member's home institution. If a student member is caught falsifying data on a class lab report, that offense is a matter between the student and the college or university where the offense took place, even if it occurred in a course in animal behavior.

At the other extreme are offenses that are specifically against ABS. Protecting the Society's name or logo on commercial products clearly is within our jurisdiction, and nobody's home institution would pre-empt such a case.

Between these two extremes are a variety of possible scenarios, and in some cases, deciding who has jurisdiction may be difficult. I believe that the question of jurisdiction--which cases should we

consider and which not-- is currently one of the most vexing problems that we face in our ethics policy. The Ethics Committee has recommended criteria for deciding which cases should be reviewed by the Society.

*Postscript.*--Since the above brief was written, the Executive Committee has considered this issue at its annual meeting. As part of its ongoing discussion of ethics procedures, the Committee decided to retain the Society's policy of reviewing allegations of misconduct and to establish policies regarding jurisdiction, confidentiality, and conflicts of interest. After final wording of these policies has been worked out in consultation with the Society's legal counsel, they will be published in the Newsletter.

**References:** Altmann, S.A. 1994. Professional ethics. 2. Why have a code of ethics? *Anim. Behav. Soc. Newsletter* 39(1):6-7. Davis, M. 1990. The discipline of science: law or profession. Pp. 137-145 in *Accountability in Research*. Glass, B. 1965. The ethical basis of science. *Science*, 150:1254-1261.

**Acknowledgments:** My thanks to the following people, whose comments and questions have sharpened my thinking about these issues: Jeanne Altmann, George Waring, John Vandenberg, Susan Foster, Janis Driscoll, Emilia Martins, Charles Blach, Zuleyma Tang-Martinez, Deborah Gordon, and Devra Kleiman.

*This is the fourth in a series of columns devoted to issues of professional ethics that affect members of the Animal Behavior Society. Your comments and questions about these issues are welcome, and will be answered. Address them to Stuart Altmann, University of Chicago, 1507 E. 56 St., Chicago IL 60637; tel. 312-702-8919; fax 312-702-0988; e-mail alts@midway.uchicago.edu.*

## MEETINGS

**The Jean Piaget Society; Society for the Study of Knowledge and Development** invites submissions for the *25th Annual Jean Piaget Society Symposium* to be held at the Marriott Hotel in Berkeley, CA, June 1-3, 1995. The theme is: *Piaget, Evolution and Development* organized by Jonas Langer and Melanie Killen. The fall deadline for submission of papers, posters, symposia, and workshops (submissions can, but do not have to, be relevant to the specific theme) is **11 November, 1994**. For information: Henry Markovits, Dept. de psychologie, Universite du Quebec a Montreal, C.P. 8888, Succ. "A", Montreal, Quebec, H3C 3P8, Canada. E-mail markovits.henry@uqam.ca.edu

**1994 Meeting of the American Society of Zoologists** with the American Microscopical Society, the Animal Behavior Society, the Crustacean Society, & the International Association of Astacology. January 4-8, 1995 at the Adam's Mark Hotel, St. Louis, Missouri. Hosted by the University of Missouri, St. Louis. Abstract deadline, September 15, 1994. Contact: Laura Jungen, Executive Director, American Society of Zoologists, 401 North Michigan Ave., Chicago, IL 60611-4267. Tel: (312) 527-6697; Fax: (312)527-6640.

**1994 Northeast Regional Animal Behavior Meetings** will be held at the University of New Hampshire on November 11-13. Announcements will be sent to ABS members in the northeast. For information, anyone outside the northeast should contact Michelle Scott, Department of Zoology, University of New Hampshire, Durham, NH 03824-3544; (603) 862-4749; e-mail: mps@christa.unh.edu.

**1995 MidWest Animal Behavior Conference** will be held April 28-30, 1995 at Miami University, Oxford, OH. Details will appear in the November Newsletter. For information contact: Doug Taylor, Department of Zoology, Miami University, Oxford, OH, 45056. Tel: (513) 529-3103; E-mail Taylor @msmail.muohio.edu.

## ANNOUNCEMENTS

**Call for AAAS 1996 Symposia on Animal Behavior.** ABS has started "showing the flag" at AAAS annual meetings with one or more symposia to increase our visibility and enhance appreciation nationally of the nature, value and importance of the science of animal behavior (our first such presentation in San Francisco February 20, 1994 was well received). We are now soliciting ideas and proposals for symposia at the 8-13 February 1996 AAAS Baltimore meetings "to put our best foot forward" in terms of both basic and applied research at these important national interdisciplinary meetings. Beginning this year, AAAS has moved to a new two year planning cycle, e.g., the deadline for proposals for the next year's meeting comes shortly after the present year's meeting terminates, but now we can start planning (1) in September 1994 for February 1996 in Baltimore (well before the February 1995 meeting in Atlanta) and (2) in September 1995 for the 13-18 February 1997 meeting in Seattle (well before the February 1996 meeting in Baltimore), etc. The next AAAS/ABS proposal deadline is 1 March 1995. Contact Jerry Hirsch, Dept. of Psychology, 603 E. Daniel St., Champaign, IL 61820, USA. E-mail: jhirsch@s.psych.uiuc.edu; fax: (217) 244-5876.

**ASZ Symposium** entitled *Parasitic effects on host hormones and behavior* will be combined with a contributed paper session on the topic. Details of the meeting above. The symposium is organized by Nancy Beckage and Marlene Zuk and will feature papers on the effects of parasites on invertebrate and vertebrate endocrinology, behavior and immune function. For information contact Nancy Beckage: Tel; (909) 787-3521, Fax (909)787-3087, E-mail: nbeckage@ucrac1.ucr.edu.

**Journal of Comparative Psychology.** The editorial offices of the Journal of Comparative Psychology have moved. New manuscripts should be sent to: Dr. Charles T. Snowdon, Department of Psychology, University of Wisconsin, 1202 West Johnson St., Madison, WI, 53706, USA.

The *Journal of Comparative Psychology* is the oldest journal of animal behavior research and publishes original empirical and theoretical research on the behavior, cognition, perception and social relationships of diverse species from a comparative perspective. Studies can be descriptive or experimental and conducted in the field or in captivity. Papers in areas such as behavior genetics, behavioral ecology, behavioral rhythms, communication, comparative cognition, conservation behavioral biology or welfare, developmental psychobiology, endocrine-behavior interactions, evolutionary psychology and anthropology, methodology, phylogenetic comparisons of behavior, orientation and navigation, sensory and perceptual processes and social behavior and social cognition are especially welcome. Both Regular Articles and Brief Reports will be considered.

Over the past ten years under editors Jerry Hirsch and Gordon Gallup the mean time from submission to an initial editorial decision has averaged 8 weeks and the mean time from receipt of a final manuscript to publication has averaged 7.9 months. The new editor hopes to maintain this record. Submissions of high quality are encouraged from all animal behaviorists regardless of formal discipline.

### **The National Institute for the Environment: A Proposal by David E. Blockstein and David Lee**

David E. Blockstein is an ornithologist and a senior scientist for the CNIE. David Lee is a journalism major and a staff writer for the CNIE.

The Animal Behavior Society, along with 70 other scientific organizations, has endorsed a proposal for a National Institute for the Environment (NIE). The mission is to improve the scientific basis for making decisions on environmental issues. It will achieve this through four integrated functions: research funding, knowledge assessment, information, and education/ training.

The heart of the NIE will be its research function. Instead of having its own facilities, the NIE will sponsor research on a competitive peer-review basis. Most NIE-sponsored research will examine long-term problems rather than short term, "plug-the-pipe" approaches. Research funding would be organized under three directorates: Environmental Resources, which focuses on the question "What environmental resources exist and what can they be used for?"; Environmental Systems, which focuses on the question "How do environmental systems, including human components, work?"; and Environmental Sustainability, which asks "How do we maintain these resources and systems?"

The NIE will be a key connection between science, policy, and the public. It will include an electronic National Library for the Environment, a distributed network of information. This information will be accessible by anyone. The NIE will also support education and training in environmental sciences at colleges and universities, including traineeships, fellowships, and support for curriculum development.

Legislation to establish the NIE has been introduced in the House of Representatives (HR 2918) by George Brown (D-CA), chair of the House Science Committee, and James Saxton, (R-NJ). It has 75 bipartisan cosponsors. A Senate companion (S 2242) was introduced by Tom Daschle (D-SD) and Barbara Mikulski (D-MD), who chairs the subcommittee that would appropriate money for the NIE. The NIE concept has been endorsed by over 35 universities, 27 environmental organizations, leaders of businesses and government and three former EPA administrators.

For information: Bart Thomas, NIE Network, Dept. of Biological Sciences, Univ. of Illinois at Chicago, 845 West Taylor Street, Chicago, IL 60607-7060. Phone: 312-413-0023, Fax: 312-996-2017, Internet: h.barton.thomas@uic.edu.

**Equipment for loan, radar ornithology:** Modified Decca Super 101 marine radar for detection and tracking of bird movements. 20 yr old but in excellent working condition except that power supply needs minor work. System includes one antenna with fixed 15 degree elevation and second antenna with variable elevation or feed for parabolic dish. Detects Canada Geese at 1500m and single passerines at 700m. Available for indefinite loan without charge to research or educational institutions. Contact Timothy C. Williams, Dept of Biology, Swarthmore PA 19081. email: twillia1@cc.swarthmore.edu.

## OPPORTUNITIES

**Volunteers:** Approximately 20 volunteer positions are open in 1994 at the American Museum of Natural History's Southwestern Research Station in Portal, Arizona. The volunteer program is run annually and

offers students in biological sciences outstanding opportunities to observe and become involved with scientists doing field research. Food and lodging are provided to volunteers in exchange for twenty-four hours per week routine chores, with the remaining time available for research activities. The program is open to undergraduate and graduate students; the latter may pursue their own research projects. Faculty knowing of promising students should alert them to this opportunity for professional experience toward their career goals. Volunteers are needed between March 15 and November 1. Appointments are for part of this period, with a minimum appointment of six weeks. Applicants for spring positions (March-May) should submit applications by February 15, summer volunteers (June-August) by April 1 and fall volunteers (September-November) may apply any time. Contact: Dr. Wade C. Sherbrooke, Director, Southwestern Research Station, American Museum of Natural History, Portal, AZ 85632 USA. (602) 558-2396.

**Volunteer Field Assistants** needed for a study of the Vogelkop Bowerbird in Western Irian Jaya, Indonesia (part of a large comparative study). Assistants primarily help monitor behavior at bowers. Help is needed for two months beginning in early October & assistants must arrange their own travel to Irian Jaya. Field conditions are primitive and the work is demanding. Contact Gerry Borgia, Dept. of Zoology, Univ. of Maryland, College Park, MD 20742-4415; email:borgia@zool.umd.edu.

**Behavioral Neuroscience/Physiological Psychology.** The Department of Psychology at the University of Michigan invites applications for a tenure-track position (pending approval) in Biopsychology, beginning September, 1995. The appointment will probably be at the assistant professor level although a more senior position is possible. The primary criterion for appointment is excellence in research and teaching in the general area of brain-behavior relations. Although the specific area of interest is open, we are especially interested in applicants who use modern neuroscientific techniques to address questions concerning the neural basis of behavior, cognition or affect. Applicants should send a vita, recent publications, a brief statement of research and teaching interests, and at least three letters of recommendation to: Dr. Terry E. Robinson, Biopsychology Search Committee Chair, Univ. of Michigan, Neuroscience Building, 1103 E. Huron St., Ann Arbor, MI 48109-1687. Applications should be received by Jan 15, 1995. The Univ. of Michigan is an Equal Opportunity/Affirmative Action Employer and applications from women and minorities are especially encouraged.



## MINUTES

### THE ANIMAL BEHAVIOR SOCIETY ANNUAL BUSINESS MEETING

JULY 26, 1994

UNIVERSITY OF WASHINGTON

SEATTLE, WASHINGTON, USA

(Policy matters are marked #.)

1. The meeting was called to order by President Zuleyma Tang-Martinez at 10:10AM.
2. A motion to approve the minutes of the 1993 meeting as published in the August, 1993 ABS Newsletter was made, seconded and passed.
3. Robert Matthews, Treasurer of the ABS, presented his report. He indicated that although the Society is in good financial condition, an income shortfall is expected. An increase in dues was recommended.
4. Susan Foster, Secretary of the ABS, presented a summary of the Executive Committee meeting held on July 23, 1994 (see below).
5. George Waring, Parliamentarian of the ABS, proposed the following change in the By-Laws of the Society to reflect the dues increase recommended by Treasurer Matthews (proposed deletions shown in [ ] and proposed additions underlined):

Article I. Dues: Annual Dues shall be (U.S.) [~~\$36.00~~] \$41.00 for Members and Fellows. Annual dues for members who are students and Members Emeritus shall be (U.S.) [\$18.00 and (U.S.) \$ 20.00 respectively] \$20.00, except for changes approved under Article 9, Section 2, of the Constitution.

A motion was made, seconded and passed that this change be approved.

6. Past President of the ABS, Gail Michener, announced the Nominations Committee's slate of candidates for ABS offices.
  7. Meredith West, North American Editor of Animal Behaviour, described the transition in the editorial office and announced the new Associate Editors nominated by North American Editor-elect Michael Beecher and approved by the Executive Committee (see below).
  8. Jim Ha, local host for the meeting, announced that there were 667 registrants for the meeting.
  9. Alan Kamil and Dan Leger, local hosts for the 1995 annual meeting in Lincoln, NE discussed plans for the meeting.
  10. Ernst Reese described plans for the 1995 IEC meeting to be held in Honolulu in 1995.
- Meeting adjourned at 11:30PM.

### EXECUTIVE COMMITTEE MEETING

JULY 23, 1994

Officers Present: Tang-Martinez, Michener, Dingle, Drickamer, Foster, Matthews, West, Byers, Waring, Galef, Gowaty, Boake

Officers-elect Present: Susan Riechert, Michael Beecher

Committee Chairs Present: Mench, Burk, Rambo, Duvall, Chepko-Sade, Wright, Pepperberg

Others Present: Donald Dewsbury (Historian), Tim Roper (European Editor of Animal Behaviour), Jeffrey Lucas (Asst. Program Officer), Michael Renner (APS liason), Ruiz-Miranda (AIBS Liason)

1. The meeting was called to order by President Tang-Martinez at 8:40 AM.
2. A motion to approve the minutes of the 1993 Executive Committee meeting as they appeared in the August, 1992 ABS Newsletter was made, seconded and passed.
3. Treasurer Matthews announced that although ABS is in good financial condition, an income shortfall is anticipated next year. A dues increase is recommended at this time (see below).
4. Membership Committee Chair Diane Chepko-Sade reported that 409 new members joined ABS this year. Turnover is approximately 15% per year.
5. Past President Gail Michener announced the Nominations Committee's slate of candidates to run for election to ABS offices in the 1994 election.

6. A motion was approved to develop guidelines and procedures for an ABS Service Award to recognize those who have performed commendable and extraordinary service on behalf of the ABS and animal behavior. The Policy Committee was directed to develop guidelines and procedures.
7. A motion was approved to develop guidelines and procedures for an ABS Book Award recognizing the best book in animal behavior published each year. The Policy Committee was directed to develop guidelines and procedures.
8. A motion to develop guidelines and procedures for an ABS Award for best American Paper in Animal Behaviour each year failed.
9. A motion was approved to develop guidelines and procedures for an ABS Award that would recognize the best American Paper in Animal Behaviour ten years previous to the award date. The Policy Committee was directed to develop guidelines and procedures.
10. A motion was made and approved to permit appointment by the ABS Secretary of an Editorial Assistant to aid in ABS Newsletter preparation.
11. The Policy Committee was directed to develop guidelines for a classified advertising section to be added to the ABS Newsletter.
12. Parliamentarian Waring proposed the following changes in the ABS Constitution (proposed deletions shown in [ ] and proposed additions underlined).

Article 8. Elections:

Section 1. General Elections: Whenever an office becomes vacant or is scheduled to fall vacant, the Nomination Committee shall, through the Secretary, present to the membership by mail at least thirty days before distribution of ballots the name(s) of qualified individuals willing to serve who are members in good standing. Additional nominations may be made in letters to the Executive Committee signed by five or more members in good standing and submitted by the deadline announced in the NEWSLETTER. Elections shall be held by mail ballot, with provision for write-in votes. The Secretary shall tabulate and record the vote, and notify the candidates and the Executive Committee of the results of the election. [The election ballot shall include spaces for the voter to indicate a first and a second choice from among the candidates. A simple majority of those voting for that office is necessary for election. Failing a simple majority, the two candidates receiving the greatest numbers of first choice votes shall receive the second choice votes in their names on the ballots for the unsuccessful candidates.] The candidate receiving the [higher combined total] highest number of votes cast for that office shall be elected; in case of a tie, a run-off election shall occur. The results shall be announced in the next NEWSLETTER.

A motion was made, seconded and passed that the preceding changes be approved.

13. Four symposia were approved for the 1995 ABS Annual Meeting. These were "The Changing Culture of Animal Care", "Conservation and Behavior in the Wild", "The Evolution of Paternal Investment in Insects" and "Recent Advances in Game Theory and Animal Behavior". A motion to award support of \$1,000 to "Conservation and Behavior in the Wild" and to "The Evolution of Paternal Investment in Insects" was made, seconded and passed.
14. A motion to apply funds offered for awards by W.C. Brown to ABS awards that already exist was seconded and defeated. The Education and Policy Committees were directed to develop a recommendation for an award(s) that would recognize excellence in teaching and/or outreach in animal behavior.
15. A motion was passed directing Historian Donald Dewsbury to proceed on the Archival Biographical Survey.
16. A motion was made, seconded and passed that the Society pay the \$250 fee for membership in American Association for the Accreditation of Laboratory Animal Care (AAALAC).
17. The following motion was made, seconded and passed unanimously: ..that funding is available to cover the ABS annual meeting fees of students who are African-American, Native American, Asian American, and Latino/a (or "Hispanic") American and non-white Africans who are not American citizens or residents, including residents of Central and South America. The number of awards will be determined by the interest earned by the Ethnic Diversity Fund in each year and by the amount of the student registration fee. Availability of the award will be announced by the President in the November Newsletter and the recipients of the awards will be determined by a lottery including all applications received before a date set by the President. Because the Ethnic Diversity Fund currently is small, award applications should be sent directly to the Treasurer.
18. President Tang-Martinez directed President-elect Hugh Dingle to appoint an ad hoc committee to consider establishing a permanent, central office.
19. Editor-elect Michael Beecher presented the following nominations for Associate Editors for the American Office of Animal Behavior:

Fred Dyer  
Peter Waser

Bennett Galef  
Patricia Schwagmeyer

The nominations were approved with one abstention.

20. A motion was made, seconded and passed that a proposal to hold the 1996 ABS annual meeting at the University of Northern Arizona be approved. President Tang-Martinez stressed the importance of finding eastern sites for future meetings.
  21. A motion to increase annual dues for regular members \$5.00 and those for student members \$2.00 was seconded and passed unanimously.
  22. A motion was made, seconded and passed that the Executive Committee go into executive session.
- Meeting adjourned at 9:30 PM.

## EXECUTIVE COMMITTEE MEETING

JULY 27, 1994

1. Treasurer Robert Matthews proposed a budget for 1993-1994. The following motions were considered:
  - a. To take \$6035 from the contingency fund and add the same amount to the budget of the Editorial Office yielding a total Editorial Office budget of \$74,035. The motion was seconded and passed.
  - b. To strike the budget item for the Endowment Committee. The motion was seconded and defeated.
  - c. To increase the Program Officer's budget to \$5,200 from \$5,000, the \$200 to provide a budget for the Assistant Program Officer, while decreasing the discretionary fund of the President by \$200 leaving a total of \$2,200. The motion was seconded and passed.
  - d. To accept the budget as amended. The motion was seconded and passed.
2. The Policy Committee recommended the following change in the Allee Award Guidelines in ABS Policy: Item 9.a.5. Omit sentence two. Insert: The paper is to be in Animal Behaviour format, and no more than 7 double spaced text pages in length. This limit does not include the abstract, references, or acknowledgements. The combined number of tables and figures cannot exceed 4. Papers exceeding these limits will be rejected. (Revised at 1994 E.C.Meeting.)
3. Program Officer John Byers nominated Emilia Martins to be Assistant Program Officer. The nomination was approved by unanimous vote.
4. A motion that the Board of Professional Certification Chair's "certification file" be held by the committee's ex-officio member (First President-elect) was seconded and passed.
5. First President-elect Hugh Dingle was directed by the Executive Committee to form an ad hoc Legislative Affairs Committee reflecting two key elements:
  - a. The Legislative Committee shall track and inform the ABS membership of relevant legislative and other formal policy developments and discuss issues that affect their professional activities.
  - b. Committee membership should reflect the increasingly international flavor of the ABS.
6. The Policy Committee was directed by the Executive Committee to reanalyze and restructure the mission and activities of the Public Relations Committee.
7. A motion to purchase director's and officer's liability insurance policy for the ABS was seconded and passed unanimously.
8. A motion to hire a lawyer as needed was seconded and passed.
9. The Executive Committee directed Stuart Altmann to revise Policy Section 20b to reflect the sense of the Committee.
10. A motion directing the ad hoc investment committee and others as appointed by the President to invest \$100,000 of the ABS reserve within the next six months was seconded and passed.
11. First President-elect Hugh Dingle presented the following nominations for committee chair positions:
 

Film	Neil Mercado
Policy	Mike Renner
Board of Professional Certification	Suzanne Hetts
Endowments	Ira Perelle

The nominations were approved by unanimous vote.
12. The following members were nominated to make up an ad hoc committee to consider a permanent office:
 

Lee Drickamer	Joy Mench
Susan Foster	George Waring
Robert Matthews (ex officio)	Meredith West (Chair)

The nominations were approved.
13. The Executive Committee closed by expressing gratitude to Jeff Galef, Bob Matthews and Gail Michener all of whom were completing terms on the EC.
14. Meeting Adjourned

**APPLICATION FOR MEMBERSHIP: ANIMAL BEHAVIOR SOCIETY**

Name in Full \_\_\_\_\_ Degrees \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_ Phone \_\_\_\_\_ E-Mail \_\_\_\_\_

Position \_\_\_\_\_ Institution \_\_\_\_\_

\_\_\_\_\_ Member - \$41 (US) Receive Animal Behaviour and Newsletter

\_\_\_\_\_ Student Member - \$20 (US) Receive Animal Behaviour and Newsletter

\_\_\_\_\_ Joint Member - \$23 (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: Randall Breitwisch, ABS Treasurer  
Deptment of Biology  
University of Dayton  
300 College Park  
Dayton, OH 45469**

\*\*\*\*\*

Animal Behavior Society  
S. Foster, Secretary  
Dept. of Biol. Sci.  
SCEN 601  
Univ. of Arkansas  
Fayetteville, AR 72701

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