



# NEWSLETTER

## Animal Behavior Society

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A quarterly publication

Susan A. Foster, Secretary

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**ABS "State of the Society" Remarks**  
**Meredith West, President**  
**July, 1998**  
**Carbondale, Illinois**

When I wrote the following remarks, I expected to deliver them at the meeting in Carbondale. Instead, I spent the meeting at home as the physiological playing field for the synergies of MS, heat, and pneumonia and thus I missed my chance to talk to and with you. Even though much of what ABS officers and committee members do is done away from the annual meeting, I missed the personal contact and feel odd being an invisible officer. Perhaps that is why the remarks below are personal--if you cannot talk to me, maybe I can at least talk to you as I would have had I been there! The next newsletter will have more business-like comments as I gather information from all our committee chairs and officers on the year ahead. And so, here goes...

The description of duties for the president of ABS includes commenting on the "state of the society" at the annual meeting. That such comments typically occur at the end of the meeting, after a big dinner, and before entertainment seems poor timing. And so, I begin perhaps where you want to end--with comments about beer, or more exactly, a story about a beer can. The story came to mind as I was trying to think about the most succinct way to sum up the state of the Animal Behavior Society. And no, that image was not of beer-induced high spirits. The memory was a brief essay by the writer John Updike ("Assorted Prose", 1965) when beer cans first emerged with the now familiar pop top openers. The first generation of these tops did not seem to be an advance--the tops often did not come off at all or came off with a vengeance, leaving a Jaws-like cavity between you and your beer. Updike subverted the new paradigm. He turned the can over and used a regular opener. Reading the upside down words on the can were "unsettling," he said, but worth it to achieve "Progress with an escape hatch."

It was the idea of "progress with an escape hatch" that came to my mind in thinking about the state of the Animal Behavior Society. A wealth of evidence exists to document progress including a prominent www presence, a polished new look for the journal, a productive central office, and a proliferation of new plans to aid the research and teaching of our members. You will hear more about these elsewhere in this and other editions of the Newsletter.

But it was not the idea of progress, but that of escape, that had reminded me of Updike's essay. Before the meeting, I was privileged to be able to read some of John T. Emlen's memoirs, in the privately circulated book donated by the Emlen family to our Founder's Session winner. "Adventure is where you find it" Emlen tells us in the title. His writings reveal a fruitful marriage of progress and escape, a formula he enlivens with wonderful vignettes. Two stood out for me: his nights in a church steeple spent roosting with starlings and his commandeering of Arthur Allen's bathroom to photograph sleeping water birds. His capacity to invent novel ways to enter into the natural worlds of other animals and to involve friends and family in his pursuits is a trait widely shared among members of our society and comes as close as anything to capturing what is distinctive about our discipline. You can see for yourself by reading the acknowledgments in papers and theses as the authors recognize their friends and family for tolerating everything from long absences to the vagaries of interspecific cohabitation. A personal image from my own household (one I have never shared with my children for fear it would be the last straw) is the morning I opened our refrigerator to find that all the red wiggler worms, destined for nestlings, had not chilled out and were now staring at me from various food dishes. To anyone who knows Lowly Worm from the world of Richard Scarry, just picture two hundred Lowly's, minus the hats, lounging on Tupperware.

Emlen's adventures took him round the world. My own have been in a more local sphere, but I sense that many of the adventures we share as students of animal behavior have a similar core. My best chance to convey this core comes from a should-have-been-Kodak moment ten years ago involving my then three year old son, Matthew. We were sitting in the backyard arranging his Fisher Price people (little wooden figures too big to be swallowed but big enough to fill many playful roles) on his playhouse, a wooden structure with a downstairs room and upstairs open air loft. We had somehow meandered into a discussion of what a family is, who was in our family, if the dogs counted, or the cats, or birds, or ants, and so on (you had to be here).

I sought to resolve the issue by saying that the only animals who counted as family were the ones that came when I called them for dinner. Matthew saw his chance and skewered me, "Well, if you used your "be-you-full voice" more, we could have a bigger family!" More discussion revealed that the voice in question was the one I used to coax animals to come indoors at night. As we had 3 dogs and 9+ cats, the vocal cadence could be long, especially as the names of now departed animals often slipped across my tongue as well. Matthew begged me to try the voice right then in the backyard. After assuring him it would not work, checking to make sure no one was watching, I played along and called all the animals' names I could muster.

I was interrupted by a nothing-but-net sound of monumental proportion rushing through the maple trees and ending on the playhouse roof. It was a great blue heron. It stood there for a time, quite still. The bird then preened, stretched, and eventually bent over and inspected the now terrified Fisher Price people (but did not swallow them!). Matthew shrugged, satisfied. But I could not shake off the shock and gratitude for an unexpected success. That feeling of having found adventure where I least expected still energizes me today.

As I think about the future for our society, energy and confidence in using our voices seem key resources. If we have a new mission, it is to use our progress to preserve a chance for the next generation of scientists to study the natural lives of animals. My concern is not with conservation of the animals or their habitats, that is a given. My concern is for the scientists who study them. My worry is that the push to be integrative and multi-disciplinary seems to pull science away from the richness of behavior too quickly. The details and the diversity of behavior across species that all of us routinely document and debate does not always make the top-down or bottom-up trip. Moreover, suggesting we need more time

and resources to study the basics of behavior seems out of place now in an era of "eyes-on-the-prize" scientific arms-race. Why look at the whole animal when its cells, neurons, or genes are now the stuff that scientific dreams are made of?

The most serious consequence of these circumstances is not that the public will lose interest in animals, but that scientists in other fields will lose interest and fail to understand that the fact of the diversity of behavior within and across species has yet to be adequately addressed. How can we integrate such levels of analysis without looking within such levels? Please understand that I find the knowledge and participation in interdisciplinary work of vital importance. At the same time, I believe studies of behavior can stand in and of themselves as significant advances.

We have our work cut out for us, however, to guard and enhance the role of animal behavior. Ways to enhance animal behavior as a discipline are underway in various sectors of ABS (e.g., an animal behavior editor at Science; more money for behavior at NIH and NSF; education efforts aimed at our interdisciplinary colleagues; symposia at AAAS and elsewhere). I hope any of you with ideas for advancement will write to me (mewest@indiana.edu) as we continue to chart ways to promote the field.

When I was cajoled by my son into calling in the animals, I first balked for fear of failure. I then acted out of a greater fear, disappointing my child. As a society, this is our state. We have the technological wherewithal to make the necessary progress and we possess critical knowledge for science as a whole about the biology, ecology, and psychology of animals. And, to sustain us, we all have memories of rewards like my few minutes in the sun of a heron. At those times, we have our eyes on prizes. It is our obligation to afford others that same chance.

#### 1998 ALLEE AWARD

The W.C. Allee Award for the best student paper presented at the annual meeting was awarded to **Mitchell Baker** of the University of California at Davis, for a paper entitled, "Learning and dispersal: theory and an experiment using the desert isopod, *Hemilepistus reamuri*". Honorable mentions went to **Sarah Partan**, University of California at Davis, for a paper entitled, "The efficacy of silence: a comparison of unimodal and bimodal expressions of rhesus macaques", and to **Alexander Skolnick**, University of Wisconsin, for his paper entitled, "Behavioral reactivity and dominance in adolescent male rhesus macaques".

## DIRECTION OF CORRESPONDENCE

**ABS Newsletter** and general correspondence concerning the Society: Susan Foster, Dept. of Biology, Clark University, 950 Main St., Worcester MA, 01610-1477, USA. Deadlines are the 15th of the month preceding each Newsletter. The next deadline is October 15, 1998.

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 Behavior Society Web Site:**

<http://www.cisab.indiana.edu/ABS>

**Animal Behaviour:** manuscripts and editorial matters: Animal Behavior Office, 2611 East 10th St., Office 170, Indiana University, Bloomington, IN 47408-2603, USA. Phone (812) 856-5541. Fax (812) 856-5542. Email: [aboffice@indiana.edu](mailto:aboffice@indiana.edu).

**Change of Address:** missing or defective issues of *Animal Behaviour*: Animal Behavior Office, 2611 East 10th St., Office 170, Indiana University, Bloomington, IN 47408-2603, USA. Phone (812) 856-5541. Fax (812) 856-5542. Email: [aboffice@indiana.edu](mailto:aboffice@indiana.edu)

## ABS OFFICERS

**President:** Meredith West, Departments of Biology and Psychology, Indiana University, Bloomington, IN, 47405, USA. E-mail: [mewest@bio.indiana.edu](mailto:mewest@bio.indiana.edu).

**First President-elect:** Andrew Sih, Center for Ecology, Evolution and Behavior, University of Kentucky, Lexington, KY 40506-0225, USA., E-mail: [andy@darwin.cceb.uky.edu](mailto:andy@darwin.cceb.uky.edu).

**Second President-elect:** Patricia Gowaty, Institute of Ecology, University of Georgia, Athens, GA 30602-2602, USA. E-mail: [gowaty@ecology.uga.edu](mailto:gowaty@ecology.uga.edu).

**Past President:** David Duvall, Dept. of Zoology, Oklahoma State University, Stillwater, OK 74078, USA. E-mail: [duvalld@okway.okstate.edu](mailto:duvalld@okway.okstate.edu).

**Treasurer:** Marlene Zuk, Dept. of Biology, University of California, Riverside. CA 92521, USA. E-mail: [mzuk@citrus.ucr.edu](mailto:mzuk@citrus.ucr.edu).

**Secretary:** Susan Foster, Dept. of Biology, Clark University, 950 Main St., Worcester, MA, 01610-1477, USA. E-mail: [sfoster@clarku.edu](mailto:sfoster@clarku.edu).

**Program Officer:** Emilia Martins, Department of Biology, University of Oregon, Eugene, OR 97403, USA. E-mail: [emartins@evolution.uoregon.edu](mailto:emartins@evolution.uoregon.edu).

**Parliamentarian:** Kimberly Sullivan, Department of Biology, Utah State University, Logan, UT, 84322-5305, USA. E-mail: [yejunco@cc.usu.edu](mailto:yejunco@cc.usu.edu).

**Editor:** Bennett G. Galef, Jr., Dept. of Psychology, McMaster University, Hamilton, ON L8S 4K1, Canada. E-mail: [galef@mcmaster.ca](mailto:galef@mcmaster.ca).

**Members-at-Large:** Ken Yasukawa, Department of Biology, Beloit College, Beloit WI, 53511, USA. E-mail: [yasukawa@beloit.edu](mailto:yasukawa@beloit.edu).

Michelle P. Scott, Dept. of Zoology, University of New Hampshire, Durham, NH 03824, USA. E-mail: [mps@christa.unh.edu](mailto:mps@christa.unh.edu).

James Ha, Regional Primate Research Center, University of Washington, Seattle, WA, 98195-7330, USA. [jcha@u.washington.edu](mailto:jcha@u.washington.edu).

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

## WEBSITE ADDITIONS

### ANIMAL BEHAVIOR SOCIETY GRADUATE PROGRAM BULLETIN

The 1996 Animal Behavior Society Graduate Program Bulletin (Canada, Mexico and the United States), prepared by the ABS Education Committee, is once again available. It is on line at the ABS web site: <http://www.cisab.indiana.edu/ABS/Resource/index.html>. Hard copy is also available for \$8.00 from the Central Office (see direction of correspondence).

## ABS OFFICIAL DOCUMENTS

The Constitution, Bylaws and Handbook are on line at the ABS web site: <http://www.cisab.indiana.edu>. Also posted are committee membership lists and a variety of other items concerning the Society and its members.

### NEW ABS FELLOWS

Congratulations to the newly-elected Fellows of the Animal Behavior Society. The new Fellows are **Michael D. Beecher, Robert G. Jaeger, Stephen Nowicki, and Daniel I. Rubenstein.**

## ABS SERVICE AWARD

The ABS Service Award was made to **Lee C. Drickamer** in recognition of his outstanding service to the Animal Behavior Society. His service to the Society includes, among other things, serving as Program officer, President and as Editor of *Animal Behaviour*. He has also hosted two annual meetings, served on committees, and acted as liaison with other societies. We thank you Lee!

## ABS CAREER AWARDS

The 1998 Distinguished Animal Behaviorist Award is to be presented to **Jack Hailman**. Two Outstanding Young Investigator Awards will be made; one to **Douglas P. Chivers** and one to **H. Kern Reeve**. The awards will be made at the 1999 meeting at Bucknell University in Lewisberg, PA.

## JOHN T. EMLER JR. FOUNDER'S MEMORIAL POSTER AWARD

The John T. Emler Jr. Founder's Memorial Poster Session at the Carbondale meeting included a number of creative and interesting posters. The winning poster was presented by **Renee L. Robinette** and **James C. Ha**, Department of Psychology, University of Washington, Seattle, WA. Its title was "Evidence for multiple factors influencing vigilance". We congratulate the winners and thank the team of judges for their work. They were David Duvall, Oklahoma State University, Shan Duncan, Indiana University, Bennett G. Galef Jr., McMaster University, and Charles T. Snowdon, University of Wisconsin.

## 1997 EXEMPLAR AWARD

Donald Dewsbury is the recipient of the 97-98 Exemplar Award which recognizes an outstanding long term body of work in animal behavior. The breadth and level of research achievement Dewsbury has accomplished during his career in the investigation of male mating success in mammalian systems is exemplified by the fact that he has been elected as Fellow in three different societies Animal Behavior, American Psychological Association, and the American Society for the Advancement of Science.

Don's work entails the study of factors that influence copulatory success in males. He has received ten year research awards from NSF over the course of his career under the general title of 'Experimental Analysis of Behavior in a Variety of Mammals and Determinants of Reproductive Success in muroid Rodents.' Dewsbury has published approximately 300 papers during his career, and about two-thirds of these deal with some aspect of male reproductive success. Included are chemical influences, brain lesion studies, social manipulations, and form and function studies in a variety of rodent species. He and his students have also extended these studies to other mammalian systems.

Don Dewsbury's long term research contribution to animal behavior is best summed up in the statement that, "If you want to know something about sex in mammals, you must consult the work of Donald Dewsbury!"

## 1997 QUEST AWARD

Patty Gowaty is the 97-98 recipient of the ABS Quest Award for a seminal contribution in animal behavior. Gowaty holds a joint professorship in the Institute of Ecology and the Women's Studies Program at the University of Georgia. Her seminal contribution is in her unraveling of the battle of the sexes in avian systems. Using a bluebird test system, Gowaty documented the frequency of occurrence of extra-pair copulations in female birds. Because of her empirical results with this system, she has been a major proponent of the now widely accepted construct that social monogamy in birds is forced on males by female behavior.

## 1998 ABS FILM COMPETITION

The 15th annual Film Festival was held at this year's ABS meetings at the Southern Illinois University. The winner of the ABS Film Award for the best commercial film was: "Africa's Forgotten Elephants," a Scorer Association production for BBC/WNET 13, Brian Leith, Producer, and Martyn Colbeck and Mike Fox, Photographers. No award was given for the Jack Ward Memorial Film competition for the outstanding non-commercial film.

We also wish to acknowledge the efforts of this year's judges: Stan Braude, Washington University, Neil A. Mercado, Penn State, Abington College, Tom Rambo, Northern Kentucky University, Renee Robinette, University of Washington.

Once again we are making a plea to the membership to help us identify good quality, "tried and true" films covering any topic that would be relevant to the field of animal behavior. We are asking members to submit the names of films or videos that they find useful in their teaching or research. If possible please include the following information about each film/video: title, year, length in minutes, color or b&w, format (16mm, 1/2" VHS, etc), source, and a short (several sentences) synopsis. These titles will be added to the ABS catalog of selected films, videos, and videodisks. After the reorganization of the ABS web page is completed, the film list will be made available to members via the net. Please send film information to Neil Mercado, Dept. of Biology, Penn State Abington College, Abington, PA. 19001 (nam4@psu.edu).

**CALL FOR APPLICATIONS  
ABS Student Research Grants**

The ABS Research Grants Committee announces the 1999 competition for funds in support of student research. Only student members of ABS who are enrolled in graduate programs are eligible to apply. A total of \$15,000 (US) will be available to support ten students at a level of no more than \$1,000 each and an additional ten students for up to \$500 each. The DEADLINE for receipt of completed applications is 11 JANUARY 1999. No late applications will be accepted. Applications will be reviewed by two or three referees and funded projects will be announced by 1 April 1999. The preferred method for receiving and submitting application materials is at <http://www.cisab.indiana.edu/ABS/Grant/absgrants.html> through the world wide web and any browser.

For those who prefer not to submit electronically, a paper version of the application materials is available upon request from: Dr. Ken Yasukawa, Beloit College, Department of Biology, Beloit, WI 53511, USA.

**CALL FOR APPLICATIONS  
Developing Nations Research Grant**

The Animal Behavior Society announces the second annual Developing Nations Research Grant Competition. Two grants of up to \$700 (US) will be awarded to provide financial support for scientific studies of animal behavior conducted by students or more established members of the Animal Behavior Society (ABS). Only current members of the Animal Behavior Society residing in developing nations are eligible (student members of ABS are also eligible for the Student Research Grants Competition). The following are not considered developing nations: The United States, Canada, Israel, Japan, Australia, New Zealand, Iceland, Norway, Sweden, Finland, Denmark, Germany, The Netherlands, Belgium, Luxembourg, France, The United Kingdom, Ireland, Switzerland, Austria, Italy, Spain, and Portugal. The DEADLINE for receipt of completed applications is 11 JANUARY 1999. All applications must be submitted in English. Applications will be reviewed by two or three referees and funded projects will be announced by 1 APRIL 1999. The preferred method for acquiring application materials is available at: <http://www.cisab.indiana.edu/ABS/Grants/index.html> through the world wide web and any browser. Applications can be submitted via e-mail at [mps@christa.unh.edu](mailto:mps@christa.unh.edu). Paper versions can be downloaded from the http address above, or are available upon request from Michelle Scott, Dept. of Zoology, University of New Hampshire, Durham, NH 03824, USA, E-mail: [mps.christa.unh.edu](mailto:mps.christa.unh.edu).

**1999 WARDER CLYDE ALLEE  
COMPETITION**

The Warder Clyde Allee Competition for Best Student Paper will take place on the second day of the 1999 Annual Meeting at Bucknell University 26 June - 1 July, 1999. Eligible students are encouraged to participate.

**Eligibility requirements:** Any independent student research (including, but not limited to, the doctoral dissertation) most of which is unpublished at the time of submission for the session is eligible. The work presented may be part of a larger collaborative effort, but the student should have the principal responsibility for the conceptualization and design of the research, collection and analysis of data and interpretation of results. Only single-authored papers are eligible. Entrants cannot have completed defense of the doctoral dissertation before the preceding ABS annual meeting (July 1998) and an individual can enter the Allee Competition only once per lifetime.

**To enter:** Students must indicate their desire to be considered for the competition by checking the appropriate box on the abstract submittal form for the annual meeting, submit a written version of their paper which includes their addresses, telephone numbers and e-mail addresses, fill out a signed and dated form indicating that they meet all eligibility requirements (to be supplied to entrants after receipt of their written papers), present a spoken version during the 1999 Annual Meeting, attend both the Allee welcoming dinner on the evening before the competition day, and attend the banquet during the Annual Meeting. The spoken portion of the competition is limited to 18 students. If more than 18 students enter, the Allee Judges will select the best 18 submitted papers for the spoken paper session and further eligibility. Four (4) copies of a written version of no more than 7 double-spaced text pages and no more than a total of 4 tables and/or figures (this limit does not include abstract, references or acknowledgments) must be received by Dr. Patricia Adair Gowaty, ABS Allee Competition Chair, Institute of Ecology, University of Georgia, Athens, GA 30602-2602, USA by the due date for submission of abstracts for the annual meeting. **THOSE INTERESTED IN THE COMPETITION SHOULD BE SURE TO CHECK THE DEADLINE DATE FOR ABSTRACT SUBMISSIONS FOR PAPERS AT THE ANNUAL MEETING.**

If significant new results arise after submission, students may submit a one page addendum to their papers up to 30 days before the first day of the Annual Meeting.

Questions should be addressed to Patty Gowaty (e-mail: [gowaty@ecology.uga.edu](mailto:gowaty@ecology.uga.edu)).

**POSSIBLE TRAVEL AWARDS  
INTERNATIONAL ETHOLOGICAL  
CONFERENCE, BANGALORE, INDIA,  
2-9 August 1999.**

The U.S. Ethological Conference Committee is applying for a grant from NSF for partial support of travel for younger scientists to attend the XXVI IEC meeting. If we are funded, the U.S. Ethological Conference Committee (USECC) will use funds to support younger scientists --defined as those who received their Ph.D. degree between 1994 and 1998 or will complete their Ph.D. during 1999. To apply for a travel award, please submit the following items to Dr. H. Carl Gerhardt, Division of Biological Science, University of Missouri, Columbia, Columbia, MO 65211 to be received no later than 15 January 1999: (a) seven (7) copies of a 1-2 page curriculum vitae, (b) 7 copies of the abstract you will be submitting for consideration to the IEC program and (c) 7 copies of two letters of recommendation sent separately by the recommendors. For those who have not completed their Ph.D., it is desirable that the major professor include an assurance that the degree will be completed during 1999. Deadline for applications is 15 January 1999. We hope to notify all applicants of the outcome of their applications by 1 June 1999. Other questions about this competition may be addressed to Dr. Gerhardt at the address above (phone 573-882-7219; email: bioscarl@showme.missouri.edu or gerhardth@missouri.edu).

**ANIMAL BEHAVIOR SOCIETY  
ANNUAL MEETINGS**

**1999:** 26 June - July 1 at Bucknell University,  
Lewisberg, PA.

**2000:** 5 - 10 August at Morehouse College, Atlanta,  
GA.

Watch the ABS website for details.

**MEETINGS**

**ASAB Meeting; Genetic Analysis of Behaviour.** 3 and 4 December, 1998, London, UK. Organizers: Dr. Mike Ritchie and Prof. Bambos Kyriacou. The genetic control of behaviour has always been a focus of interest and controversy. Genetic analysis of behaviour is currently making considerable progress in two areas. Molecular techniques can allow estimates of the number of genes influencing a trait, the identification of specific genes, their isolation and manipulation. From a more evolutionary perspective, attention focuses on estimating the genetic variance and covariance of behaviours in natural populations. These approaches rarely interact. The meeting features invited speakers from both ends of this spectrum, with the hope of stimulating cross-fertilisation. We also welcome contributed talks: Please send an abstract, by end of June 1998 to: Mike Ritchie, Environmental & Evolutionary Biology, Bute Building, University of St Andrews, St Andrews, Fife, KY16 9TS Scotland. E-mail: mgr@st-and.ac.uk. Fax: +44 (0)1334 463600. Conference grants are available for student members of ASAB. Information will be posted on the announcements page at: <http://medialab.st-and.ac.uk/seeb/BSGgroup/BSGgroup.htm>

**XXVI International Ethological Conference** will be held in Bangalore, India, 2-9 August 1999. Bangalore is the garden city of India, and is the fifth largest metropolis of India. It has well-laid gardens, avenues and architecture. For questions regarding the meeting, contact Dr.(Mrs) Shakunthala Sridhara, Secretary General, XXVI International Ethological Conference, Univ. of Agricultural Sciences, G.K.V.K., Bangalore-560 065, India.

## OPPORTUNITIES

The Secretary would like to remind you that although I try to avoid listing situations that are already filled, the time lag between submission and arrival of the Newsletter can cause this to occur. Please contact those offering the opportunities before applying.

**Postdoctoral position in biodiversity and conservation biology.** The St. Louis Zoo Research Dept. has a postdoctoral research position available in biodiversity and conservation biology, in collaboration with Dr. Paul Garber, University of Illinois, and Dr. Anthony Stocks, Idaho State University. The position begins 1 January 1999 for one year, renewable for a second year. The position is part of a multidisciplinary research project that will monitor wildlife harvests and biodiversity in Nicaragua's Bosawas Natural Reserve. The Reserve, established in 1991, comprises an area of about 8000 km<sup>2</sup>. Approximately 13,000 indigenous Miskitu and Mayangna people live within the reserve and are dependent on the reserve's faunal and plant resources. The post-doc will be responsible for developing an inventory of faunal biodiversity and assessing population densities in zones of differing human impact on major fauna that are both threatened and hunted extensively. The Post-doc will work with indigenous peoples and other scientists to determine the effects of current practices of hunting, fishing, gathering, and gardening on sustainable harvesting. Qualifications: Candidates must have earned a doctorate degree in Conservation Biology, Wildlife Ecology, Evolution, Systematics or related field prior to 1 January 1999; speak Spanish; be sensitive to working with indigenous people; and, preferably, have field experience in Latin America. To Apply: Send a cover letter indicating interest, research experience, qualifications, a curriculum vitae, and the names and contact information of three references to: Cheryl Asa, Ph.D. Director of Research St. Louis Zoological Park, Forest Park, St. Louis, MO 63110, USA. Telephone: 314-768-5488. Fax: 314-768-5454. E-mail: ASA@SLU.EDU. The St. Louis Zoo is an Equal Opportunity Employer.

**Behavioral Ecologist:** The Department of Organismic Biology, Ecology and Evolution (OBEE) at UCLA invites applications for a tenure-track, Assistant Professor position in Behavioral Ecology. The department has 23 faculty, with strengths ranging from cellular to evolutionary biology of both plants and animals. Areas of particular interest for this search are: sexual selection and mate choice, life histories, and social behavior. No taxonomic group is preferred, but a research program that combines theory and experimentation is highly desirable. The

successful candidate will need to develop a vigorous research program and contribute to graduate and undergraduate teaching, including off-campus, field biology courses. A Ph.D. is required, and productive post-doctoral experience is preferred. Send a C.V., statement of research and teaching interests, and addresses of three references by October 1, 1998, to: Chair, Behavioral Ecology Search, OBEE (formerly Biology), University of California, Los Angeles, CA 90095-1606.

**Volunteers** - Approximately 30 volunteer positions are open in 1998 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 field research. Food and lodging are provided in exchange for 24 hr per week of routine chores, with the remaining time available for research. The program is open to undergraduate and graduate students; the latter may pursue their own research. Volunteers are needed between March 15 and Nov. 1. Appointments are for part of this period, with a minimum of six weeks. Applicants for spring (March-May) should submit applications by Feb. 15, summer volunteers (June-August) by April 1 and fall volunteers (Sept. - Nov.) any time. Dr. Wade C. Sherbrooke, Director, Southwestern Research Station, American Museum of Natural History, Portal, AZ, 85632, USA. Phone (520) 558-2396; e-mail: swrs@amnh.org.

MINUTES  
THE ANIMAL BEHAVIOR SOCIETY ANNUAL BUSINESS MEETING  
JULY 20, 1998  
SOUTHERN ILLINOIS UNIVERSITY  
CARBONDALE, ILLINOIS, USA

1. The meeting was called to order by President Duvall at 10:25 AM.
2. A motion to approve the minutes of the 1997 Business Meeting was seconded and approved.
3. President Duvall thanked those who organized the Carbondale meeting for an excellent meeting.
4. President Duvall introduced those members of the Executive Committee, and the members-elect who were present.
5. Future meeting sites were announced. Confirmed sites are Bucknell University in 1999 and Morehouse College in 2000. Probable meeting sites for the next two years are Oregon State and University of Oregon 2001, and the University of Tulsa in 2002.
6. Secretary Foster provided an overview of the Executive Committee meeting.
7. Treasurer Zuk explained that the Society is in sound financial condition, and that membership inquiries are to be directed to the Central Office.
8. Editor Galef announced that *Animal Behaviour* is in excellent condition. Reviews have been added, and commentaries will be moved to the web site. He offered special thanks to Steve Ramey and Meredith West for their organization and running of the Central Office which has gone very smoothly.
9. Parliamentarian Sullivan announced that all officers are now listed on the web site, and that the handbook is also posted there.
10. Parliamentarian Sullivan announced that there would now exist reciprocity between the ABS and the ASAB such that members of one society who attend a meeting of the other would be permitted to pay member registration fees.
11. A motion to delete Bylaws Article IV, Section 7b as follows was seconded and approved (proposed deletions shown in [] and proposed additions underlined).

Article IV, Section 7. Public affairs committee:  
[b. shall be responsible for informing ABS membership of public policy issues that may affect the current or future funding or conduct of animal behavior research.]  
[c] b. Shall receive and evaluate Resolutions submitted by the membership and present these, if appropriate, to the membership for vote at the annual Business Meeting. Shall make available to the membership the ABS procedures for submission of Resolutions.  
[d] c. Shall be responsible for promoting an appreciation and understanding of animal behavior and ethological research among the public at large.
12. A motion to change language in Article II Section 8 as follows was seconded and approved pending approval of related constitutional amendments in the 1998 election.

Article II, Section 8. Executive Editor:  
a. Serve as Executive Editor or Executive Editors of the journal(s).  
b. Encourage balanced publication of both field and laboratory studies having fundamental relationship to the natural life of animals.  
c. Each Executive Editor shall appoint an Editorial Advisory Board, subject to the approval of the Executive Committee.  
d. Fill vacancies on the Editorial Advisory Board as appropriate, subject to the approval of the Executive Committee.
13. A motion to change language in Article III Section 1c as follows was seconded and approved pending approval of related constitutional amendments in the 1998 election.

Article III Section 1. Duties of the Officers:  
c. Confirm nominations by the Executive Editors for the Editorial Advisory Board.
14. Jane Brockmann announced that the 1999 IEC meeting would be held in Bangalore, India and that meeting preparations were progressing excellently.
15. Committee Chairs and Liasons who were present were introduced and thanked for their efforts.
16. A motion to adjourn the meeting was made, seconded and passed at 11:05AM.



## EXECUTIVE COMMITTEE MEETING

JULY 18, 1998

Officers Present: Clark, Duvall, Foster, Galef, Godin, Riechert, Scott, Sih, Sullivan, Yasukawa, Zuk.

Officers-elect Present: Gowaty, Ha.

Committee Chairs and Liaisons Present: Bernstein (for Renner) Chaiken, Higgens, Krause, Mercado, Nowicki, Perelle, Wright, Zawistowski.

Others Present: Dewsbury (Historian), Duncan (Webmaster), Ramey (Managing Editor, *Animal Behaviour*), Richford (Academic Press).

1. The meeting was called to order by President Duvall at 8:30 AM.

2. A motion to approve the minutes of the 1997 Executive Committee Meeting was made, seconded and passed.

3. An announcement that the Founders Memorial Poster Session would honor Martin Schein in 1999 was approved by all.

4. A motion to create an *ad hoc* committee to advise the webmaster on policy was seconded and approved. The recommendation to President West was to keep the committee small and to instruct it to interact with other relevant committees.

5. James Ha will step down as Chair of the Conservation Committee because of his duties as Member-at-Large and will be replaced by Richard Buchholz.

6. A motion to amend the Bylaws and Constitution in such a way that the Editor is renamed Executive Editor, and the Editorial Board renamed Editorial Advisory Board was seconded and approved. The purpose was to bring these documents into compliance with usage on the cover of *Animal Behaviour*. See Business meeting items 12 & 13.

7. Sih recommended changes in the handling of the Allee Award Competition including use of some funds for a group dinner. The changes were agreed upon.

8. To simplify abstract submission for the annual meetings, Clark recommended that the separately transmitted signed page be eliminated and that instead a signed statement on the registration form be required. This will permit abstract submission to be entirely electronic. The changes were agreed upon.

9. At the request of Treasurer Zuk and Managing Editor Ramey a proposal that the "Treasurer will hire a qualified bookkeeper to review the finances of the central office quarterly and report to the Treasurer-" was made, seconded, and approved.

10. A motion made by Godin to increase funding for research awards resulted in a motion to increase the total for research awards from \$12,000 to \$15,000 annually that was seconded and approved.

11. A motion to drop Bylaws Section 7b "Public affairs committee shall be responsible for informing ABS membership of public policy issues that may affect the current or future funding or conduct of animal behavior research" was seconded and approved (Business meeting Item 11).

12. A motion to add Policy 7m as follows was seconded and approved. ASAB members who are not residents of the USA or Canada but wish to attend an Annual Meeting shall pay the ABS member registration fees (regular or student as appropriate) rather than the non-member fees.

13. President West was directed to increase the size of the Film Committee because of the difficulty of finding enough judges for the competition.

14. Chair of the local meeting organization committee announced that about 375 individuals are registered for the Carbondale meeting.

15. Tang-Martinez, Chair of the Latin American Affairs Committee, requested travel funds for Latin American faculty and students. A motion to award 4 grants to cover housing and meals (to a total of \$800) to authors of papers or posters from Latin America was seconded and approved. The awards will be administered by the Developing Nations Grant Committee. Funds are to be reallocated from one of the Developing Nations Grants, reducing these awards from 3 to 2 until an increase in the number of applications indicates that the number of awards should again be increased.

16. Andy Richford announced that the journal is very healthy, with a backlog of papers. Managed growth of the journal will be attempted, but 7 months will be required to clear the backlog with a 38-40% acceptance rate.

17. Bucknell University's bid to host the 1999 annual meeting was approved.

18. At 4:30 a motion to enter executive session was made, seconded, and passed.

19. At 4:55 a motion to enter open session was made, seconded and passed.

20. A symposium entitled "Educating about Animal Behavior: A Broad Perspective" organized by Penny Bernstein and the Education Committee was approved for \$1000.00 support.

21. A motion to adjourn at 5:20 was moved, seconded, and approved.

## EXECUTIVE COMMITTEE MEETING

JULY 20, 1998

Officers Present: Clark, Duvall, Foster, Galef, Godin, Riechert, Scott, Sih, Sullivan, Yasukawa, Zuk.

Officers-elect Present: Gowaty, Ha.

Committee Chairs and Liasons Present: Bernstein (for Renner) Chaiken, Higgens, Krause, Mercado, Nowicki, Perelle, Wright, Zawistowski.

Others Present: Dowsbury (Historian), Duncan (Webmaster), Ramey (Managing Editor, *Animal Behaviour*), Richford.

1. The meeting was called to order by President Duvall at 6:30 PM.
2. The Education Committee was directed to place additional laboratory exercises on the web (moved, seconded and passed).
3. The President was directed to form an *ad hoc* NSF Liason Committee which will begin by constructing a package of information on Animal Behavior for NSF, and to send a delegation to meet with Mary Clutter and Bruce Umminger in September (moved, seconded and passed).
4. A motion to direct the Central Office to buy hardware to upgrade website quality (as outlined in the budget), to redesign the web site, and to focus initially on creation of membership and the Graduate Program Guide databases was seconded and approved.
5. A proposal for a 2002 meeting in Tulsa, Oklahoma was requested from Peggy Hill.
6. A motion to charge the Investments Committee to invest \$10,000/mo for the next year was seconded and approved.
7. The Committee on Organization and Bylaws was charged with rewriting Bylaws Article I, section 1 , to tie the dues increases to a percentage of the journal cost subject to approval by the Executive Committee.
8. The Development Committee was directed to continue the Research Grant Fund solicitation to members and to explore other options for soliciting members and relevant target groups.
9. A move to approve the amended budget was seconded and passed.
10. A motion to adjourn the meeting at 9:15 was seconded and passed.