



NEWSLETTER

Animal Behavior Society

Vol. 52, No. 4
November 2007

A quarterly
publication

Jan A. Randall, Secretary
Department of Biology, San Francisco State University
San Francisco, CA 94132 USA

Julia Barfield, Editorial Assistant
Department of Biology, San Francisco State University, San Francisco, CA 94132
USA

VOTE! VOTE! VOTE! 2008 ABS ELECTIONS

Please take the time to vote in the upcoming election!
You can vote using this ballot included in this
newsletter OR online (available soon). **If you vote by
regular mail, your name MUST be on the envelope.**

CANDIDATES FOR 2008 ELECTION OF OFFICERS

See biographies of candidates at end of the newsletter
with the ballot on the last page.

Second President-elect:

Lynne Houck
Susan Foster

Secretary:

Regina Macedo
Colette St. Mary

Member at Large:

Rich Buchholz
Jeff Podos

2007-2008 ABS OFFICERS

President: Gerald Wilkinson, Department of Biology,
University of Maryland, College Park, MA 20742,
USA. Phone: (301) 405-6942, E-mail:
wilkinso@umd.edu

First President-elect: Molly Morris, Department of
Biological Science, Ohio University, Athens, OH
45701, USA. Phone: (740) 593-0337, E-mail:
morrism@ohio.edu

Second President-elect: Mike Ryan, Section of
Integrative Biology C0930, 1 University Station,
University of Texas, Austin, Texas 78712, USA.
Phone: (512) 471-5078, E-mail:
mryan@mail.utexas.edu

Past President: Douglas Mock, Department of
Zoology, University of Oklahoma, Norman, OK
73019, USA. Phone: (405) 325-2751, E-mail:
dmock@ou.edu

Treasurer: Jim Ha, Department of Psychology and
National Primate Research Center, Box 357330,
University of Washington, Seattle, WA 98195-7330,
USA. Phone: (206) 543-2420, E-mail:
jcha@u.washington.edu

Secretary: Jan Randall, Department of Biology, San
Francisco State University, San Francisco, CA 94132,
USA. Phone: (707) 874-3876, E-mail:
jrandall@sfsu.edu,

Program Officer: Diana Hews, Department of
Ecology and Organismal Biology, Indiana State
University, Terre Haute, IN 47809 USA.
Phone: (812) 237-8352, E-mail: dhews@indstate.edu

Junior Program Officer: Mike Noonan, Department
of Psychology, Canisius College, Buffalo, New York
14208-1098, USA. Phone: (716) 888-2518, E-mail:
noonan@canisius.edu

Parliamentarian: Sue Margulis, Curator of Primates,
Lincoln Park Zoo, 2001 N. Clark Street, Chicago,
Illinois 60614, USA. Phone: (312) 742-2345, E-mail:
smargulis@lpzoo.org

Executive Editor: Michael Breed, Department of
Ecology and Evolutionary Biology, University of
Colorado, CB 334, Boulder, CO 80309-0334,
USA. Phone: (303) 492-7687, E-mail:
michael.breed@colorado.edu

Members-at-Large:

Regina H. Macedo, Departamento de Zoologia,
Universidade de Brasília 70910-900 – Brasília – DF –
Brasil, Phone: +55-61-3307-2265, E-mail:
rhfmacedo@unb.br

John Eadie, Department of Wildlife, Fish &
Conservation Biology, University of California, Davis,
CA 95616, USA. Phone: (530) 754-9204, E-mail:
jmeadie@ucdavis.edu

Alex Basolo, School of Biological Sciences, Nebraska, Behavioral Biology Group, University of Nebraska, Lincoln, Nebraska 68588-0118, USA. Phone: (402) 472-2720, E-mail: smargulis@lpzoo.org

Historian: Lee Drickamer. Department of Biological Sciences, Northern Arizona University, Flagstaff, Arizona 86011-5640, USA. Phone: (520) 523-0388, E-mail: Lee.Drickamer@nau.edu



ABS Officers past and present--left to right: (back row) Mike Noonan, Steve Nowicki, John Eadie, Doug Mock; (middle row) Alex Basolo, Molly Morris, Diana Hews, Jan Randall, Jim Ha, Regina Macedo; (sitting) Jerry Wilkinson, Jeff Galef, Chris Evans, Jill Mateo

DIRECTION OF CORRESPONDENCE

ABS Newsletter and general correspondence concerning the Society should be sent to Jan Randall, jrandall@sfsu.edu. Deadlines are the 15th of the month preceding each Newsletter. The next deadline is **15 January, 2008**. 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 ABS endorsement of the opinions expressed by contributors.

Animal Behavior Society Website:

<http://www.animalbehavior.org/>

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

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

ANIMAL BEHAVIOR FOR KIDS: CHILDREN'S BOOK AWARD

This past year the Education Committee received over 60 titles for the Outstanding Children's Book Award (solicited from books published in 2006) submitted by 17 publishers in the U.S.A. and Canada. The four finalists included: *Hey There, Stink Bug!* by Leslie Bulion and Leslie Evans, published by Charlesbridge Publishing; *Well-Schooled Fish and Feathered Bandits* by Peter Christie, published by Annick Press; *Little Lost Bat* by Sandra Markle and Alan Marks, published by Charlesbridge Publishing; and *Why Do Dogs Have Wet Noses?* by Stanley Coren, published by Kids Can Press. The recipient of the 2007 ABS Outstanding Children's Book Award, as voted on by approximately 230 children, was *Why Do Dogs Have Wet Noses?* This year, as in past years, the award program allowed the donation of books to needy libraries; in 2007, over 250 brand new books with an average value of \$10-15 each were donated.

Here are reviews of the award-winning book and the three finalists:

Why do Dogs Have Wet Noses?

By Stanley Coren

Published by Kids Can Press

Review by Sue Margulis, Ph.D., Lincoln Park Zoo

How long have dogs and humans been friends? Do dogs see colors? Why do dogs have wet noses? This engaging little book by psychologist Stanley Coren answers these and other burning questions about "man's best friend." The book melds natural history, applied behavior, and a liberal sprinkling of "fun facts" and anecdotes that keep young readers engaged, yet even older readers will find the book informative and entertaining. Coren addresses each question with a concise answer, and uses delightful photos of a wide variety of dog breeds that will make anyone, child or adult, smile.

Student reviewers were captivated by the photos and the content. A fourth-grader commented: "I like ... the pictures and the writing of the book." And a fifth grader noted: "I liked this book because it shows me how to act around my dog." While many of the books submitted for consideration were fictional, one third grader commented: "I like this book because it has true things in it." Perhaps the most frequent comment was simply: "I liked this book because I love dogs."

The Children's Book Award committee was impressed by the large amount of information on dog behavior

and natural history packed into this book. We were pleased to see a book focusing on applied aspects of behavior, providing factual information, yet doing so in a cogent and conversational manner. The author is an experienced dog trainer and hosts a television show in Canada.

Well-Schooled Fish and Feathered Bandits

By Peter Christie

Published by Annick Press

Review by Paul V. Switzer, Ph.D., Eastern Illinois University

Well-Schooled Fish and Feathered Bandits is a great book full of examples of how and why animals learn things from other animals. The book consists of chapters on topics such as learning what to eat, what predators to look out for, how to make and use tools, who to mate with, and what to sing. Fascinating tales, taken right out of research on animal behavior, are delivered in clear, easy-to-read snippets: rats that sniff each other's breath to learn what to eat, female quail that mate with a male just because other females have chosen him as a mate, and whales that learn songs from other whales. Adult reviewers found the book visually appealing and thought the information was wonderful, but thought some of the organization might be a little confusing for younger children (e.g., one-page stories frequently interrupt the chapter in midstream). Children reviewers loved the facts, pictures, and humor. Overall this is a nice book to introduce children (ages 9-11) to some amazing animal behavior!

Little Lost Bat

By Sandra Markle

Illustrated by Alan Marks

Published by Charlesbridge, Watertown, MA

Reviewed by Danielle Lee, University of Missouri-St. Louis

The author and illustrator create a touching and accurate image of the birth and care of an infant Mexican free-tailed bat. The story depicts realistic accounts of the ups and downs of the life of a young bat – the struggle to stay warm, cling to the safety of the cave ceiling, and the daily ritual of locating its mother by call among the other thousands of bat calls. The students were most impressed with the description of the birth of the baby bat, noting how the mother curls her body into a hammock shape while hanging upside-down. The students related the care and attention the mother bat provided her baby to the care and attention their own mothers provide to them and their siblings. The story also tells of loss and survival, and how caring and affection exist among all animals,

not just in humans. I, like many of the students, would recommend this book to friends.

Hey There, Stink Bug

By Leslie Bulion

Illustrated by Leslie Evans

Published by Charlesbridge Publishing

Reviewed by Chris Cratsley, Ph.D., Fitchburg State College

“It’s a bug’s world of intrigue and mystery.” So begins the last poem in a delightful collection about insects and spiders. The 19 poems and accompanying illustrations that make up this collection do a wonderful job of portraying the intriguing and mysterious behavior of these animals. Each poem, save for the first and last, is also accompanied by a brief passage providing factual information for the reader. The entertaining, ear- and eye-catching poems and illustrations are nicely balanced by these clear, concise explanations. In addition, the book concludes with a glossary, some notes on the types of poems, and a list of some resources for further study. Together all these elements make this an ideal book for parents or teachers introducing the study of insects and spiders at home or in a classroom. As one young reviewer raved, “It’s fun to read about insects and arachnids in poems, and I think everyone would like it.”

2007 ABS CAREER AWARDS

Recipients of the Distinguished Animal Behaviorist Award, Exemplar Award and Quest Award will be announced and honored at the banquet during the 2008 annual meeting in Snowbird, Utah.

CALL FOR NOMINATIONS FOR 2008

CAREER AWARDS

The Animal Behavior Society recognizes excellence in research and service through its Career Awards. They include **Distinguished Animal Behaviorist** for outstanding lifetime achievement in animal behavior; **Exemplar Award** for a major long-term contribution to animal behavior; **Outstanding New Investigator** for outstanding contribution by a new investigator; **Quest Award** for a seminal contribution; **Exceptional Service Award** for sustained service contribution to the Animal Behavior Society; and the **Animal Behavior Society Teaching Award** that honors distinguished contributions in teaching animal behavior to undergraduates. (See separate announcement below.) All members of the society are encouraged to prepare

and submit nominations for these awards. To aid the Selection Committee and to help codify the procedure involved, the following items must be submitted for nominations: (1) A letter of nomination indicating the award for which the nominee is being proposed that provides details on the reasons the nominee should be considered for the award; (2) a curriculum vitae of the nominee, and (3) additional supporting letters from colleagues solicited by the nominator. These materials (except for the teaching award) should be sent to ABS Past President, Douglas Mock, Department of Zoology, University of Oklahoma, Norman, OK 73019, USA. Phone: (405) 325-2751, E-mail: dmock@ou.edu
DEADLINE: 1 March, 2008.

DISTINGUISHED TEACHING AWARD

PLEASE NOTE THE CRITERIA HAVE BEEN BROADENED IN ORDER TO RECOGNIZE A GREATER RANGE OF TALENTED MEMBERS. The recipient of this award receives recognition, a plaque from the Society, and the opportunity to organize an education-related event at the following annual meeting. It is easy to know about our colleagues' research by reading publications; it is much more difficult to know about their teaching excellence. We rely on nominations. PLEASE NOMINATE QUALIFIED COLLEAGUES FOR THIS PRESTIGIOUS AWARD. Selection of the award recipient will be made by the Animal Behavior Society Education Committee and approved by the Executive Council. The award recipient will be announced at the annual meeting of the Society.

DEADLINE: Nominating letters should be submitted by **31 March, 2008** to Becky Talyn, 7883 Stewart Road, Colton, CA 92324, USA. E-mail: btalyn@csusb.edu.

Although e-mail copies are acceptable by the deadline, hard copies of letters of nomination with signatures are required before final considerations can be made.

CRITERIA and PROCEDURES:

1. Nominees must be current members of the Animal Behavior Society. (Note: Current officers and committee chairs are not eligible for nomination.)
2. Nominees must have demonstrated highly effective and innovative teaching in the classroom or in an informal education setting (e.g., zoos, aquaria, museums, 4-H programs, research labs and field stations, and environment centers). They should have a reputation among peers and students for excellence in educating people about animal behavior.
3. Persons wishing to nominate an individual for the

award should submit a one-page nomination letter providing evidence to support the nomination. The letter should also include names of at least two additional peer reviewers, and two current or former students or program participants. If students are under 18 years old, the student/participant references should be accompanied by, or attached to, a letter from the appropriate teacher or youth program coordinator. (Note: Department chairs, directors, supervisors, or colleagues may be helpful sources for this information if you are not at the same institution as the person you are nominating.)

4. The Education Committee will solicit appropriate supporting materials, including those indicated in nominating letters (e.g., documentation of other teaching awards, peer and student evaluations, additional references, evidence of innovation in curriculum development, development of educational tools, programs, or multimedia products, or other appropriate indicators of superior educating).

5. If you would like to renominate an individual for the award, please submit a letter indicating that you are doing so and provide any additional information you feel might be helpful to the committee. Please also include the date of the original nomination. Names of additional peer or student reviewers may also be provided.

ABS STUDENT RESEARCH GRANTS DEADLINE 31 DECEMBER, 2007

JOINT APPLICATION PROCESS

Applicants for any of the ABS-sponsored graduate student research awards may apply via a **single application process**. Application materials should be submitted through the ABS website (see Grants), which is scheduled to open in **November 2007**. Information regarding the submission of special files (e.g., figures) is available on that site, as well as information about the requirements for a letter of support, should the proposal be short-listed. Individuals who are unable to submit their applications through the website should contact ABS Senior member-at-large, Regina H. Macedo, Departamento de Zoologia, Universidade de Brasília 70910-900 - Brasília - DF Brasil, Phone: +55-61-3307-2265, E-mail: rhfmacedo@unb.br. Applicants must be: 1) currently enrolled in graduate programs; 2) active student members of ABS, i.e., enrolled or renewed two weeks prior to the Award Application Deadline. The Cetacean Behavior and Conservation Awards are also open to ASAB members, who should contact Steve Ramey

at the Central Office, aboffice@indiana.edu, at least two weeks prior to the Award Application Deadline in order to have an account set up on the ABS server.

Applicants may receive only one of these awards (ABS Student Grant, E. O. Wilson or Cetacean Behavior and Conservation). Individuals who have received one of these awards in a previous year are ineligible to receive additional awards.

APPLICATIONS FOR ABS STUDENT RESEARCH GRANT

The ABS Student Research Grant Committee announces the 2008 competition for funds in support of graduate student research. Approximately US\$36,000 will be available to support students at a level of \$500 to \$2000 each, depending on the evaluations. Applicants must be: (1) Currently enrolled in a graduate program; and (2) active student members of ABS, enrolled or renewed as of **17 December, 2007**. The DEADLINE for receipt of completed applications is **Monday, 31 December, 2007** (midnight, Eastern Standard Time). Late applications will not be accepted. If your proposal is short-listed for a possible award, you will be contacted to provide a letter of support from an advisor or other scientist. All applications will be reviewed by members of the ABS Student Research Grant Committee, and award decisions will be announced in April 2008. Application Process: Please see the Joint Application Process above.

CALL FOR APPLICATIONS E. O. WILSON CONSERVATION AWARD

The Edward O. Wilson Conservation Award seeks to encourage graduate students of animal behavior to participate in meaningful conservation-related research. This single award of up to US \$2000 supports a proposal considered meritorious for its integration of behavior and conservation. E. O. Wilson, professor at Harvard University, who in 2002 received the ABS Distinguished Animal Behaviorist Award, is one of the world's most eminent scientists and pioneers in biodiversity conservation. Applicants must be: (1) currently enrolled in a graduate program; and (2) active student members of ABS, enrolled or renewed as of **17 December, 2007**. The DEADLINE for receipt of completed applications is **Monday, 31 December, 2007** (midnight, Eastern Standard Time). Late applications will not be accepted. If short-listed for possible award, you will be asked to

provide a letter of support from an advisor or other scientist. All applications are reviewed by members of the ABS Student Research Grant Committee, and award decisions announced in April 2008. See the Application: See Joint Application Process above.

CALL FOR APPLICATIONS THE CETACEAN BEHAVIOR AND CONSERVATION (CBC) AWARD

Purpose of the Cetacean Behavior and Conservation Award, established in 2001, was to provide financial support for graduate students studying cetacean behavior and/or cetacean conservation in natural environments. The goal of the award is to encourage original and significant research that focuses on endangered populations or species, or on critically important problems in cetacean behavioral biology. A maximum of two awards of up to US\$1000 each will be made to successful applicants. The award must be used for field research; it cannot be used for laboratory research. The award shall be given only if there are proposals deemed worthy by the judges in any given year. Thus, there may be years in which no award is made. Eligible applicants must be enrolled in a Masters or Doctoral Program in a University accredited by a regional college association. Applicants must also be members in good standing of one of the following professional societies: Animal Behavior Society or Association of the Study of Animal Behaviour, i.e., enrolled or renewed as of **17 December, 2007**. ASAB members wishing to apply for this award must contact Steve Ramey in the Central Office, aboffice@indiana.edu prior to 17 December, 2007 to have an account set up on the society server. The DEADLINE for receipt of completed applications is **Monday, 31 December, 2007** (midnight, Eastern Standard Time). Late applications will not be accepted. If your proposal is short-listed for possible award, you will be contacted to provide a letter of support from an advisor or other scientist. All applications will be reviewed by members of the ABS Student Research Grant Committee, and award decisions will be announced in April 2008. Application Process: Please see the Joint Application Process above.

**CALL FOR PROPOSALS
ANIMAL BEHAVIOR SOCIETY
DEVELOPING NATIONS RESEARCH
GRANTS 2008**

ABS announces the annual Developing Nations Research Grant Competition. The funds are intended to provide financial support for scientific studies of animal behavior conducted by **current members of ABS**. Applications are invited from student members as well as more established members of the research community. Only members of the Animal Behavior Society who are residents of a developing nation and are conducting research at an institution in a developing nation are eligible to apply. (Please note that student members of ABS are also eligible to apply for the annual Student Research Grants Competition.) The following nations shall **not** be considered developing nations: the United States, Canada, Israel, Japan, Australia, New Zealand, Iceland, Norway, Sweden, Finland, Denmark, Germany, the Netherlands, Belgium, Luxembourg, Ireland, Switzerland, Austria, Italy, France, the United Kingdom, Spain, and Portugal. Grants are awarded for research to be conducted within a 1-year period from the date of award.

Applicants must be active members of ABS, i.e., enrolled or renewed as of **17 December, 2007**. The DEADLINE for receipt of completed applications is **Monday, 31 December, 2007**. For further information on application requirements, please refer to the ABS website (see Grants) or Regina H. Macedo, Departamento de Zoologia, Universidade de Brasília 70910-900 - Brasília - DF – Brasil. Phone: +55-61-3307-2265, E-mail: rhfmacedo@unb.br

CALL FOR ABS MEETING INVITATIONS

ABS seeks proposals for future meeting venues. Sites can be a resort or hotel, university campus or a mixture of the two. Contact Douglas Mock, Department of Zoology, University of Oklahoma, Norman, OK 73019 USA. Phone: 405 325 2751, E-mail: dmock@ou.edu

**CALL FOR SYMPOSIA
FOR THE 2009 AAAS MEETING**

ABS is striving to expand awareness of its excellent science via symposia for the annual AAAS meeting. The target date for the next symposium is February 2009 at a location to be announced. Anyone interested in organizing a symposium for the meeting please contact Jan Randall at jrandall@sfsu.edu.



Students from Macquarie University in Australia and University of Massachusetts at 2007 ABS Conference in Vermont (names not in order of appearance): Julia Bednarski, Kevin Woo, David Wilson, Nansi Richards, Matthew Bulbert, Catherine Prabhu, Anne Wignall, Carolyn Smith and Daniel Van Dyke (Note: all of these student participated in the scientific program.)

ARTICLES

**CONSERVATION BEHAVIOR: FROM
IMPLICATIONS TO APPLICATIONS**

Colleen Cassady St. Clair on behalf of
Conservation Committee, Animal Behavior Society

Conservation Behavior is a burgeoning field at the interface between Conservation Biology and Animal Behavior. In the last decade, several review papers and four edited collections have described the potential for knowledge of animal behavior to contribute to conservation solutions. Dozens of research articles have demonstrated the relevance of behavioral data to conservation planning and management. Nonetheless, a couple of recent reviews suggest that the potential integration of conservation and behavior has fallen short of expectations, and a few behaviorists have concluded that the actual relevance of behavior to conservation is limited.

The Conservation Committee of the Animal Behavior Society hosted a symposium at the 2007 meeting to explore this debate. Specifically, we sought to demonstrate the range of behavioral information being applied to conservation contexts, to assess the degree to which behavior and conservation are being integrated, and to invite ongoing discussion about the future of the nascent discipline, Conservation Behavior. We were interested in identifying not only the contributions behavior is making to conservation, but also the

insights offered by conservation problems to advances in behavioral theory.

To set the stage for the symposium, Colleen Cassady St. Clair (University of Alberta) summarized the conservation topics to which behavior is anticipated to make a contribution. She contrasted the traditions of the two parent disciplines and acknowledged the debate about relevance now brewing in the literature. Ron Swaisgood (UCLA and San Diego Zoo) followed by demonstrating how manipulations of social behavior can aid management of small populations, both *in* and *ex situ*. John Eadie (UC Davis) explored the links among behavioral ecology, life history evolution, and harvest strategies with an emphasis on waterfowl. Bruce Shulte (Georgia Southern University) examined behavioral solutions for human-wildlife conflict and explored behavioral approaches to managing conflict with elephants. Dan Blumstein (UCLA) outlined a Darwinian approach to adaptive management, emphasizing the value of alternative management strategies as multiple working hypotheses. Jan Komdeur, one of the meeting's plenary speakers, showed how some small populations may avoid inbreeding with behavioral adaptations.

The first several speakers emphasized the contributions of behavior to conservation, whereas the final three showed how conservation problems can contribute to basic behavioral theory. Judy Stamps (UC Davis) examined this reciprocity by testing behavioral assumptions about habitat selection in conservation contexts. Debra Shier (San Diego Zoo) explored reciprocal contributions of behavior and conservation through the lens of reintroduction programs. Scott Creel (Montana State University) described the behavioral responses of elk to wolves to demonstrate that anti-predator behavior may be as important as direct mortality to population demography. Colleen Cassady St. Clair wrapped up the symposium by synthesizing its contributions and evaluating the integration of conservation and behavior. She cautioned that we should promote the full diversity of behavioral approaches to conservation issues and avoid the prescriptive approaches that might be engendered by the recent debate about relevance. The session concluded with a discussion about the current approaches and future directions of conservation behavior.

In addition to the symposium, the Conservation Committee hosted a brown bag lunch, which was attended by a whopping 75 participants. These attendees provided excellent suggestions for advancing the profile of Conservation Behavior within the society

and beyond. More information about the Conservation Committee of the Animal Behavior Society is available at <http://www.animalbehavior.org/Committees/Conservation>. Interested readers may also choose to join the Conservation Behavior listserv there.



Back row left to right: Jan Komdeur, Esteban Fernandez-Juricic, Bruce Shulte, Dan Blumstein, Ron Swaisgood, Scott Creel. Front row left to right: Colleen Cassady St. Clair, Debra Shier, Judy Stamps, John Eadie

REMEMBERING GLEN WOOLFENDEN (1930-2007)

By Jack P. Hailman

I was devastated to learn that only hours before my return on 19 June, 2007, from an extended trip that Glen Woolfenden had unexpectedly died. He had been a longtime research collaborator, and during the last decade had become one of my closest friends. Although we lived nearly 100 miles apart, my wife and I saw Glen and his wife Jan about every other week since we moved to Florida in late 1999. This is a very personal remembrance of him.

In 1994, Glen received the Distinguished Animal Behaviorist award from ABS in recognition of his long-term studies of cooperative breeding in the Florida scrub jay. Although a Fellow of ABS, Glen's professional orientation was stridently organism-centered. He always described himself as an ornithologist, which to him meant competence in the full range of anatomy, physiology, behavior, ecology, demography, evolution, systematics, distribution, etc.

Glen Everett Woolfenden was born 23 January, 1930, in Elizabeth, New Jersey, and grew up in Westfield

where, like so many of us, he got hooked on birds at an early age. He often reminisced about birding in the Great Swamp, familiar to me from my postdoctoral days at Rutgers-Newark when we lived in nearby Bernardsville. Glen was an enormous guy, who suffered knee problems all his life from high school football injuries. He used to describe the oak scrub habitat as so low you could see over it, and I continually reminded him that *he* could see over it but not all of us could. He had a resonant voice, considerably softened in his later years, a broad smile, and was an engaging raconteur.

Like so many others interested in birds, Glen matriculated at Cornell University, already famous for its Laboratory of Ornithology, and received his Bachelor of Science in 1953. Contemporary students Bob and Penny Ficken remembered him there as an outgoing, happy, partying undergraduate. In later years Glen made generous donations to his fraternity, and he had maintained contact with some of his brothers throughout his life. He attended many reunions and often wore a Cornell sweatshirt. When his later coworker, John Fitzpatrick, became Director of the Laboratory of Ornithology, Glen had an added reason for returning frequently to Cornell, but fond memories of his college years there may have remained the major factor drawing him back.

Glen also talked frequently about the University of Kansas, where he earned an M.A. in 1956 with the eminent ornithologist Harrison (Bud) Tordoff, who at an advanced age survives him. A mere 4 years later, Glen received his Ph.D. from the University of Florida working with the feisty Pierce Brodkorb, an avian anatomist and paleontologist. Brodkorb hated his own major professor and Glen rarely spoke of Brodkorb. From the University of Florida at Gainesville, Glen went to the new University of South Florida in Tampa as it opened its doors, first as an instructor (1960), then assistant professor (1961), associate professor (1965) professor (1970), Distinguished Research Professor (1988), and finally professor emeritus (1999).

It was at another institution in Florida, Archbold Biological Station (near Lake Placid), where the famous part of Glen's career took place. In the late 1960's, he was conducting fairly pedestrian breeding bird surveys there when he discovered that the species then classified as a subspecies of "the" scrub jay had "helpers at the nest." Being widely read in ornithology, he was aware of Alexander Skutch's then somewhat overlooked but now classic papers on such helpers in some neotropical birds. Realizing the opportunity that a temperate species presented for

analysis of helping, Glen began individually color-banding the jays at Archbold in 1969. I met him the following year when visiting the Station with my departmental colleague at the University of Wisconsin, John T. Emlen.

Glen's fledgling study population grew larger and larger, eventually encompassing all the jays in the northern part of expanded Archbold lands. Today, it is the longest running study population of individually marked birds of any species that does not nest in artificial boxes. Two other nearby scrub jay populations were eventually established, one in the southern part of the Station currently maintained by Steve Schoech of Memphis University, the other in sparsely settled suburban lands northwest of the Station, established by Reed Bowman, who received his Ph.D. with Glen. Reed, who became head of the Avian Ecology Lab at Archbold, has been phasing in as maintainer of Glen's focal population and will continue to keep it going indefinitely.

Glen's most important collaborator, John W. Fitzpatrick, came to Archbold as an intern, where his outstanding talents as an observer, artist, and creative researcher were quickly obvious. John, whom Glen always called Fitz, later received his Ph.D. from Princeton working with John Terborgh (who happens to have been my college roommate) and became curator in the ornithology department of the Field Museum in Chicago. Unencumbered by a teaching schedule – the likes of which constrain field activities for most of us – Fitz spent much time working with Glen on the jays at Archbold, and eventually actually became director of the Station for some years before moving on to head the Laboratory of Ornithology at Cornell.

Out of an enormous bibliography, Glen's premier publication was unquestionably *The Florida Scrub Jay: Demography of a Cooperative-Breeding Bird*, co-authored by Fitz and published by Princeton University Press in 1984. Soon after the monograph of 400+ pages appeared, Ernest Mayr dubbed it "an instant classic" in a letter to me. The next year, he and Fitz jointly received the William Brewster award, highest honor of the American Ornithologists' Union (AOU), an organization of which Glen was a fellow and later served as president. He was subsequently honored by the Deutsche Ornithologen-Gesellschaft, Florida Ornithological Society (FOS), and Wilson Ornithological Society. Details of his contributions to ornithology will appear in a memorial in the AOU's journal *Auk*, and especially Florida ornithology in the FOS's journal *Florida Field Naturalist*.

Glen's newly found fame changed him in no way I could detect. He was never – either before or after – arrogant in any way; nor, to be balanced, was he ever demonstrably humble, either. He was simply evenly keeled and one might say almost unemotional. Also, the mix of his research endeavors did not change after his work on cooperative breeding became known worldwide. He had always worked intensely on the jays, tithing some time specifically to Florida ornithology, and these things continued routinely.

Glen's frequent absence from Tampa in order to work in the field at Archbold eventually took its toll, and after three children, he and his first wife were divorced. Some years later, he met and married Janet Ezzelle, who often helped him in the field. He and Jan had been happily married for 26 years at the time of his death. These people, plus three grandchildren, all survive him.

Most of his “professional family” also survives him, including the many graduate students he trained over the years. He also influenced countless other students, such as interns at Archbold, undergraduates he taught, University of South Florida graduate students on whose examining committees he sat, graduate students from other institutions whose thesis work involved “his” jays, and so on. Glen's loss will also be felt among the vast numbers of colleagues he influenced, including many collaborators and co-authors. And it is not amiss to note that he is survived by a healthy population of jays he knew individually, even if they did not know him from other humans.

Two of the factors in Glen's enormous success as a scientist were his unbridled devotion to his trade and his no-nonsense empirical mind. He had no real hobbies or pastimes, read little outside of professional journals and books, and had only a passing interest in a few other subjects, such as World War II history. He was as objective a scientist as I ever met, never letting the attractiveness of any hypothesis blind him to the facts. These traits so salutary to his professional work, however, to some extent interfered with his social interactions. His usual avoidance of small talk rendered him a bit grumpy, and his hard-nosed empiricism often gave the impression of his being hypercritical. It is fair to admit that Glen was not very tolerant of a variety of people and did not suffer fools gladly. Nevertheless, the more you knew him, the more you understood and loved him.

Unfortunately, the relentless logic applied to his science did not always carry over to other endeavors. Glen tended to tough out or shrug off health problems, which he often concealed from everyone including Jan.

The abdominal operation he had in June was successful but lengthy, and he died of post-surgical complications.

Glen and I held differing views on many things, scientific and otherwise, which we would discuss with dispassion, often over a glass of Scotch while watching the sunset from one or another of the homes he occupied over the years while at Archbold. We did agree, matter-of-factly, that there was absolutely no evidence for the existence of a divine being or an afterlife. It is therefore out of anguished playfulness that I consign his spirit to the great aviary in the sky. His memory, though, lives on in everyone who knew him.

I took the accompanying photo of Glen at his desk at Archbold Biological Station. He felt it was the best picture ever taken of him, at least in recent years, and he used it in his section of the Station website. My world is not the same without Glen and I shall miss him urgently for the rest of my life.



ANNOUNCEMENTS

COME TO SNOWBIRD 2008!

A terrific and diverse meeting is shaping up for the annual ABS meeting, 16-20 August, 2008, in Snowbird Utah. John Mitani, University of Michigan, will give the keynote address on social behavior of chimpanzees in Uganda. Evolutionary Biologist Mary Jane West Eberhard, Universidad de Costa Rica, has agreed to give a plenary. Two symposia are planned: “Pathways to Novelty and Diversity: The Causes and Consequences of Polyphenism” and “Changing Perspectives in Animal Behavior and Evolution:

Implications for Theory and Empirical Studies.” Mark the date on your calendar and plan to attend the last meeting to be held at this beautiful mountain venue.

2008 WARDER CLYDE ALLEE COMPETITION

The 2008 Warder Clyde Allee Competition for Best Student Paper will take place 16-20 August at the Annual ABS Meeting in Snow Bird, Utah. All eligible students are encouraged to participate. The following rules govern the Allee Award for best student paper presented in the Warder Clyde Allee session at the annual meeting:

Eligibility requirements: Any independent graduate student research (including, but not limited to, the doctoral dissertation) 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, the collection and analysis of the data, and the interpretation of the results. The entrant cannot have completed defense of the doctoral dissertation before the preceding ABS annual meeting (August, 2007). An individual can enter the session only once per lifetime. Only single-authored papers are eligible for the session

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 (or electronic) 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 papers); present a spoken version during the 2008 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, or an electronic version in PDF format, of no more than seven double-spaced text pages, and no more than a total of four tables and/or figures (this limit does not include abstract, references, or acknowledgments) must be received by ABS 2nd President Elect Mike Ryan, Section of Integrative Biology C0930, 1 University Station, University of Texas, Austin, Texas 78712 USA. Phone (512) 471 5078, E-mail: mryan@mail.utexas.edu. Papers should be formatted using the instruction for authors for a research paper in

the journal *Animal Behaviour* (http://www.elsevier.com/wps/find/journaldescription.cws_home/622782/authorinstructions).

Deadline for receiving papers is the same as for abstract submissions for 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 Dr. Mike Ryan, E-mail: mryan@mail.utexas.edu

GENESIS AWARD POSTER COMPETITION REMINDER

Undergraduates who submit posters for presentation at the annual meeting of the Animal Behavior Society are automatically entered in the Genesis Award poster competition unless they select not to be when they submit their abstract. Judging criteria include significance of the research topic, research methods, research results, and presentation. Presentation encompasses the student's oral discussion with the judges and the poster itself, including clear statements of the question and results, demonstration that there has been appropriate literature review, good organization and visual appeal. Students should be prepared to demonstrate a mastery of their subject material. A complete set of judging criteria can be found at the ABS Education Committee website, under Career Development.



John Shorter (with Elizabeth Tibbetts), University of Michigan, participated in the Genesis Poster Competition at the 2007 ABS meeting in Vermont

UPDATED GUIDE TO PROGRAMS IN ANIMAL BEHAVIOR AVAILABLE

An updated version of the *Guide to Programs in Animal Behavior* (previously the *Guide to Graduate Programs in Animal Behavior*) has been posted to the Web in PDF format (see <http://www.animalbehavior.org/ABSEducation/>). The Guide is intended to aid students interested in pursuing undergraduate or graduate opportunities in animal behavior. It is meant as a **first step** in choosing an appropriate program. While the Guide focuses on graduate programs, undergraduates should also find the information helpful since most universities with significant graduate programs will also have undergraduate courses and electives taught by animal behavior faculty.

Each program listed in the Guide contains:

- a) A general overview of the program, including specialized focus(es)
- b) Web page URL for additional program information
- c) Degrees offered
- d) Special facilities of interest to animal behavior researchers
- e) Application deadline information
- f) Contact information for queries

Listings are organized by country, state/province, and institution. Entries are program-level (i.e., a university offering degree-granting programs through both Biology and Psychology will have two listings). Currently the listings include institutions in North America. We will add institutions in Mexico, Central and South America in future versions. Our intent at this stage is to make a base guide available and expand/correct listings on a continuing basis. Please send corrections, deletions, or new programs for the Guide to the Education Committee chair, Dr. Becky Talyn, btalyn@csusb.edu. Depending upon demand, we may make a printed version available through the Central Office (aboffice@indiana.edu) in 2008. A searchable online version of the Guide is in the works now and should be available soon. Contact Steve Ramey, Society Manager at aboffice@indiana.edu.

INTERNATIONAL CONFERENCE ON IRIDESCENT COLORATION

The School of Life Sciences at Arizona State University is pleased to announce an integrative 4-day conference on iridescent colors in nature, entitled

“Iridescence: More than Meets the Eye,” 6-9 February, 2008. This is a graduate student initiated and organized conference that aims to connect diverse groups of researchers to catalyze cross-disciplinary discussions on iridescent coloration in nature, identify new avenues of research, and explore the potential for iridescence to provide novel insights in fields as divergent as materials science, sexual selection and primary science education. Each day of the conference will involve talks from invited speakers, oral and poster presentations from conference participants, and discussions centered on the four broad topics: (1) Mechanisms and Measurement, (2) Development, (3) Evolution and (4) Education and Outreach. Speakers include: Stephanie Doucet, Helen Ghiradella, Roger Hanlon, Darrell Kemp, Kevin McGraw, Daniel Osorio, Richard Prum, Ronald Rutowski, Matthew Shawkey, Mohan Srinivasarao, Doekele Stavenga and Peter Vukusic.

JOIN AN ABS COMMITTEE!

Would you like to volunteer for one of the society's active committees? This is an important and rewarding way to participate in the business of the society, and we need your help! Committees include Membership, Policy, Animal Care, Public Affairs, Education, Film, Conservation, Latin American Affairs, and others. Contact ABS President Douglas Mock, Department of Zoology, University of Oklahoma, Norman, OK 73019, USA. Phone: (405) 325-2751, E-mail: dmock@ou.edu

OPPORTUNITIES

CONFERENCE ON THE MINDS OF ANIMALS

A conference titled “Minds of Animals: Conceptions from the Humanities, Science and Popular Culture” will be held at the University of Toronto 12-13 August, 2008.

The conference is being organized by Robert W. Mitchell, Psychology, Eastern Kentucky University, and Julie A. Smith, Languages and Literatures, University of Wisconsin, Whitewater. They envision having an international symposium on conceptions of animal minds covering two days, with 12 speakers each day. Speakers will cover diverse topics: scientific attempts to understand the minds of animals, historical, literary and artistic representations of the minds of animals, the ways in which the minds of animals are presented in the popular media and by special interest groups, and the working assumptions about animal minds of those who live in close interaction with animals.

Each day will consist of three periods of 2.5 hours. During each of these periods, four speakers will discuss their topics for 30 minutes, and this will be followed by a one-half hour discussion. Each 2.5 hour period will be followed by either a coffee or a lunch break. The conference will occur prior to the Annual Meeting of the International Society for Anthrozoology, which will begin on 13 August at 5 p.m. and end on 15 August.

To apply to be a speaker at the conference, please email a one-page proposal, a short CV or list of relevant publications or activities to Robert.Mitchell@eku.edu and smithj@uww.edu. The deadline for proposals is **15 December, 2007**. There will likely be a modest registration fee for coffee, lunch, and miscellaneous conference expenses.

ABS SYMPOSIA AND WORKSHOPS

Submit symposia, workshops and ideas for special sessions to Diana Hews (dhews@indstate.edu). Items can be submitted two or more years in advance. **For 2009 symposia please submit before the annual meeting 16-20 August, 2008.** There is financial support for good symposia.

MEETINGS

ANIMAL BEHAVIOR SOCIETY ANNUAL MEETINGS

2008: 16-20 August, Snowbird, Utah
2009: 22-26 June, Pirenopolis, Brazil

OTHER US MEETINGS

2008. Conference on feminism and science: "Inclusive Science: Articulating Theory, Practice, and Action," College of St. Catherine, St. Paul, Minnesota, 16-18 June.
2009. SBN Meeting, Michigan State University, East Lansing, Michigan, June 24-27.

INTERNATIONAL MEETINGS

2008. Society for Behavioral Neuroendocrinology: 12th annual meeting in Groningen, The Netherlands, 9-12 July. Meeting details on the SBN website (www.sbn.org).
2008. International Society of Behavioral Ecology: 7-13 August, Cornell University, Ithaca, NY.
2008. International Society of Zoological Science

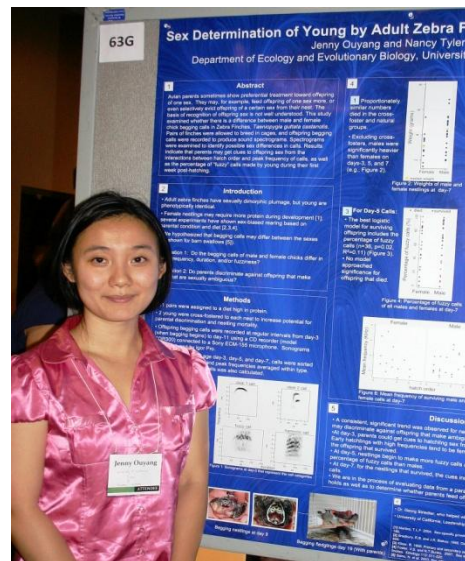
XX International Congress of Zoology: 26-29 August, Jussieu Grand Campus, University of Paris, Paris, France.

2009. 31st International Ethological Conference, August, Rennes, France.

2009. International Society for Comparative Psychology 14th Biennial: 9-11 October, Buenos Aires, Argentina. Symposia involve topics ranging from conservation of endangered species to the neuroscience of emotion, recent progress in learning models, and human causal learning.

TEACHING ANIMAL BEHAVIOR

The 2007 ABS annual meeting in Burlington included a Workshop on Teaching Animal Behavior. Some of our Animal Behavior faculty shared their award-winning strategies for teaching animal behavior. Materials from that workshop can be downloaded at <http://www.animalbehavior.org/ABSEducation/symposia/teaching-animal-behavior>.



Jenny Ouyang stands in front of her poster on sexual selection in young zebra finches co-authored with Nancy Burley, University of California—Irvine

DID YOU KNOW?

Purchases via the Amazon.com or Powell's Books links on our web pages contribute up to 7.5% of the total to ABS. If you have books to order and would like to contribute to the society's efforts at the same time, please see <http://www.animalbehavior.org/> for details.



Jennifer Fewell announces program at
2007 ABS meeting

CANDIDATES FOR THE 2008 ELECTION OF ABS OFFICERS

The order in which candidates are listed may influence voting. Please avoid this bias in making your choice. This year the candidates are listed in REVERSE alphabetical order

Second President-elect:

Susan A. Foster

Education: B.S. 1975, University of Wisconsin, Madison; Ph.D. 1984, Zoology, University of Washington; Postdoctoral Fellow, 1985-1988, SUNY, Stony Brook.

Current Position: Professor and Chair of Biology, Clark University.

Research Interests: Behavioral evolution, adaptive radiation, phenotypic plasticity, sexual selection, signal evolution.

ABS and related activities: ABS member since 1984; ABS Secretary 1993-1999, elected ABS Fellow 2004; ABS Allee Award Judge 2005; ABS symposium co-organizer (with J. Endler) 1991; Co-organizer (with J. True) of symposium on Behavioral Evolution for the Society for the Study of Evolution 2006; Co-organizer (with M. Bell, W. Cresko, F. von Hippel) of the 5th International Symposium on Stickleback Behavior and Evolution; Co-organizer (with D. Lahti) of NESCent workshop on Relaxed Selection and Trait Loss in

Evolution 2007-2009); North American Editor of *Ethology* 2002-present; Editorial Board *J. Comparative Psychology* 2001-2006; Editorial Board, *Copeia* (behavior and ecology) 1994-1998. Member, NSF Panels in Animal Behavior; Population Biology; Leadership Opportunities in Education; Presidential Faculty Fellowships; Dissertation awards 7 times from 1993-2006; NSF Committee of Visitors; IBN, 1994, 1997. *Zoology, Part A: Comparative Experimental Biology*, 2006.

Lynne Houck

Education. University of California at Berkeley: B.A. Biology, 1971; M.A. Zoology, 1975; Ph.D., Zoology 1977.

Current Position: Professor of Zoology, Oregon State University.

Research Interests: Evolution of behavior, sexual selection, behavioral determinants of reproductive success, animal communication, and the evolutionary biology of plethodontid salamanders. Hormonal basis of reproductive behavior in amphibians. Behavioral, neural, and hormonal responses to pheromone signals in salamanders.

ABS and related activities: Long-time ABS member; elected ABS Fellow 1997; ABS Fellows Lecture, 1999; ABS Allee Award judge; Co-Host Animal Behavior Society annual meetings, Corvallis, 2001; NSF Animal Behavior Panel member, 2002, 2003, 2005.

Secretary

Colette M. St. Mary

Education: BA, 1987, Harvard-Radcliffe College; Ph.D. in Aquatic and Population Biology, 1994, University of California, Santa Barbara; Postdoctoral Fellow, 1994-1995, University of California, Berkeley.

Current Position: Associate Professor, Dept. of Zoology, University of Florida.

Research Interests: Natural and sexual selection in life history evolution; evolution of parental care; plasticity in sexual selection; speciation; life history, behavior and fisheries management.

ABS and related activities: ABS member since 1992; three-time ABS meeting session chair; *Animal Behaviour* reviewer since 1996; three-time NSF Animal Behavior Panel member.

Regina H. Macedo

Education: B.S. 1984, Universidade de Brasilia. Brazil; M.S. Zoology 1986, University of Oklahoma; Ph.D. Zoology 1991, University of Oklahoma.

Current Position: Professor, Departamento de Zoologia, Universidade de Brasilia, Brazil.

Research Interests: Conflict and cooperation within social systems, reproductive behavior and mating systems; communal and cooperative breeding.

ABS and related activities: ABS member since 1995; Developing Nations Grant Committee member, 1999-2000; Latin American Affairs Committee member, 1998-2001; Chair of Latin American Affairs Committee, 2005-2005; ABS Executive Committee Member-at-Large, 2005-present; administered ABS Latin American Travel Grant program, 2007; Skutch Fund Committee member, 2006-present; Scientific Committee member for XXVIII International Ethological Conference in Brazil, 2003; Assistant Editor Journal of Systematic Zoology, 1986-1987; Editor Ararajuba – Brazilian Ornithology Journal, 1997-1999; International Advisory Panel for the journal Emu – Austral Ornithology, Australia; Reviewer for the Ibis, BES, Integrative and Comparative Biology, Condor, Wilson Bulletin, Acta Ethologica and some bird and ecology journals in South America. Research panels for CNPq (Brazilian Research Council) and Agencia Nacional de Promoción Científica y Tecnológica (Argentina).

Member at Large:

Jeffrey Podos

Education: B.A., 1989, Franklin & Marshall College; Ph.D. in Zoology, 1996, Duke University; Postdoctoral Fellow: 1997, Instituto Nacional de Pesquisas da Amazonia, and 1998-2000, University of Arizona.

Current Position: Associate Professor of Biology, University of Massachusetts Amherst.

Research Interests: Mechanisms of vocal production, development, and learning in songbirds; Evolution of vocal diversity in vertebrates; Behavior, ecology, and adaptive radiation in Darwin’s finches; History of ethology.

ABS and related activities: ABS member since 1991; ABS Allee Award honorable mention, 1995; ABS

Career Award, 2001; ABS Grant-in-Aid reviewer, 2003; ABS Allee Award judge, 2007; NSF Animal Behavior Panel member, 2005-present.

Richard Buchholz

Education: B.S. Biology, 1986, SUNY-Binghamton; M.S. Zoology, 1989, University of Florida; Ph.D. 1994, Zoology, University of Florida.

Current Position: Associate Professor, University of Mississippi.

Research Interests: Sexual selection, host-parasite interactions, and conservation biology.

ABS and related activities: ABS member since 1986; ABS Symposium co-organizer in 1996 (with J.R. Clemmons); ABS Conservation Committee (chair: 1998-2002, member: 2002-present); ABS Conservation and Behavior Workshop co-organizer in 2001; ABS Student Research Grants Committee, 2003; ABS Allee Award judge, 2001, 2004.

<p><i>ABSNet</i> THE ELECTRONIC MAIL NETWORK OF THE ANIMAL BEHAVIOR SOCIETY</p> <p>ABSnet provides a fast electronic forum for animal behaviorists, and others interested in the study of animal behavior, in a digest or newsletter form. ABSnet provides job announcements, requests-for-information, computer related news (virus and bug alerts), appropriate software and hardware reviews, and news of Society activities and business. ABSnet is not an interactive, listserv-type discussion group, but rather a moderated forum for the exchange of information of interest to animal behaviorists. ABSNet does not replace the official Society newsletter available to members. Questions? Ask James C. Ha, University of Washington jcha@u.washington.edu. To SUBSCRIBE go to http://www.animalbehavior.org and click the News and Announcements link at left, then the Subscribe/Unsubscribe link under ABSNet. Links to Post an article or view the archives are also available.</p>

<p>NOTICE!</p> <p>Issues of the ABS Newsletter are published <i>first</i> on the ABS Web page. To get ABS news <i>fast</i>, point your browser to: http://www.animalbehavior.org/ and select News and Announcements from the left menu.</p>

**MAIL BALLOTS IN AN ENVELOPE BEARING YOUR NAME TO:
JAN A. RANDALL, ABS SECRETARY, DEPARTMENT OF BIOLOGY, SAN FRANCISCO
STATE UNIVERSITY, SAN FRANCISCO, CALIFORNIA 94132
OR BY E-MAIL TO: jrandall@sfsu.edu**

BALLOTS RECEIVED AFTER 31 JANUARY, 2008, CANNOT BE COUNTED

You may cast write-in votes. We are electing five officers (terms begin at the end of the annual meeting). All ABS members (regular members, student members, joint members, and active fellows) may vote. Results will be announced in the February newsletter. All ballots will be destroyed after they are verified and counted.

ABS OFFICERS

Vote for one candidate for each office by placing an X in the blank following your choice. The candidate with the most votes will win the election. In case of a tie, a run-off election will be held.

FOR SECOND PRESIDENT-ELECT:

Lynne Houck _____
Susan Foster _____
Write-in _____

FOR SECRETARY:

Colette St. Mary _____
Regina Macedo _____
Write-in _____

FOR MEMBER-AT-LARGE:

Jeff Podos _____
Rich Buchholz _____
Write-in _____

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

RETURN THIS BALLOT NO LATER THAN 31 JANUARY, 2008.