



NEWSLETTER

Animal Behavior Society

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A quarterly publication

Susan A. Foster, Secretary

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VOTE, VOTE, VOTE!!!!!! 1997 ABS ELECTIONS

In the last election, voter response was somewhat greater than previously, but could improve substantially. Election information and ballot are enclosed. You may vote using this ballot or by email, by responding to the ballot you will receive if the Central Office has your e-mail address and you have approved such use. Your name must be on the envelope or ballot to be counted.

A MESSAGE FROM THE PRESIDENT

DAVID DUVALL

'Everything old is new again', it is sometimes said. This old saw really is true, and it even applies to us, the Animal Behavior Society. In many ways we're the same group we were when formed in the 1960s, but, well, we've changed too. We're still interdisciplinary and integrative. Some of our members still work in the field where others call the lab bench home. We even have members applying behavioral principles, for example, in conservation and captive settings such as zoos.

If you had a chance to hear Marty Shine's wonderful presentation on the people and places that figured into our early history, at the banquet in College Park, Maryland, you'll know this to be true. (And a 'thank you' from everyone in the ABS to everyone in College Park and in the Society who helped to make the meeting a wonderful experience and a total success). Anne Clark, ABS Program Officer, and Emilia Martins, Assistant Program Officer, deserve a note of thanks also. Lee Drickamer's meeting at Southern Illinois University in Carbondale next summer likewise looks to be just as interesting and productive. Mark your summer calendars!

Clearly, we have gone through some significant changes recently, all important, but none as significant, perhaps, as our new and improved relationship with The Association for the Study of Animal Behavior and Academic Press, in our joint publication of the journal *Animal Behaviour*. All of this came about as a function of the hard work of ABS leaders over the past few years and the accomplishments and interests of you, our membership. And in the end our size, our vigor, and our potential for growth turned the trick. The business acumen of Sue Riechert, Meredith West, Lee Drickamer, Mike Beecher, and Jeff Galef, as well as Patti Loesche, proved useful. Andy Richford and his associates at Academic Press helped to make the climate for healthy agreement possible. Thus it was great fun recently to be in the undeserved position of jointly signing the formal agreement with my current UK/European counterpart in the ASAB, Chris Barnard (Thanks Chris!), on behalf of all of us. This agreement positions us nicely for the future, by putting more of our collective fate in our own hands. It's nice to see that more money will be coming into our primary accounts as well.

Though we'll now have to engage in the hard work of generating new institutional subscriptions for the journal, the cost of our progress in this modern era of increasingly smooth (and electrical and ROM-based) global communication, it is something we can and will achieve. Indeed, the ABS and I could use your help and creativity about now. Would any of you with experience in the ways and means of buying and selling institutional subscriptions to libraries (including your own, if your institution does not already carry *Animal Behavior*), please get with me? You may contact Jeff Galef, North American Editor of *Animal Behaviour*, or Meredith West (see below) as well. We are charged to form a new Committee to work towards building institutional subscriptions, and can use all suggestions, creativity, and time and effort, from all who can help.

And speaking of Meredith West, one of the most dedicated and hard-working animal behaviorists around, this matter of change and growth brings up another key development, the recent initiation and operation of the ABS Business Office and Editorial Center at Indiana University in Bloomington. Meredith currently serves as our able Director, with solid support from Steve Ramey, her primary assistant for journal editorial matters and business operations. Shan Duncan, our ABS WebMaster, calls IU and our Office there home as well.

One sensible goal then, for me as President through the Carbondale meeting next summer, will be to work with all of you to boost the visibility of our Society and our many interesting members. My primary goal, my central effort this year will be to do everything I can to 'get the word out' to people within but even beyond academia about how good we are, how broad solid, deep, and diverse our respective interests are. Our growing diversity on all counts is our strength, as is the quality of our scholarship. And recently we have seen that much that we do can be used in conservation and applied efforts as well.

At least one way we will achieve this will be to use our ABS Web site at Indiana University more actively to 'advertise' our activities. Step One will be to feature the work of a rotating set of our members, with 'Hot Buttons' to their own home pages. Perhaps we'll even be able to include graphics and multimedia files, such as QuickTime movies. More on this soon from Shan Duncan and me, as well as representatives of our relevant Committees and Liaisons. I will work also to see that we are similarly connected to the Web sites of various wildlife and film making companies, and the like. FYI, we may already be connected directly to the Smithsonian Institution page, which can't hurt! Neil Mercado and I are even discussing the possibility of broadening the mission of the Film Festival to include workshops by leading professionals in wildlife film making and production. And it might be time to see that we move ahead with the lab manual in animal behavior that many folks on our Education Committee have discussed. This could be of great use to us as a Society and to college teachers especially, who want to present topics in animal behavior in a 'hands-on' way.

Well, enough for now but I hope you get the idea we have really arrived as a professional animal behavior organization, so it's time to get the word out and to use our long-standing critical mass even more to broaden and deepen our mission and goals. So please watch for subsequent pieces from me this year, and, of course, PLEASE get with me if you have ideas and suggestions. It will be much appreciated. You can find me here at Oklahoma State University, at <duvalld@okway.okstate.edu>.

Have a great year and see you in Carbondale!

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 January 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.

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

ABS OFFICERS

President: David Duvall, Dept. of Zoology, Oklahoma State University, Stillwater, OK 74078, USA. E-mail: duvalld@okway.okstate.edu.

First President-elect: Meredith West, Departments of Biology and Psychology, Indiana University, Bloomington, IN, 47405, USA. E-mail: mewest@bio.indiana.edu.

Second President-elect: Andrew Sih, Center for Ecology, Evolution and Behavior, University of Kentucky, Lexington, KY 40506-0225. E-mail: andy@darwin.ceeb.uky.edu.

Past President: Susan Riechert, Dept. of Ecology and Evolutionary Biology, University of Tennessee, Knoxville, TN, 37996-1610, USA. E-mail: sriecher@utk.edu.

Treasurer: Marlene Zuk, Dept. of Biology, University of California, Riverside, CA 92521, USA. E-mail: 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.

Program Officer: Anne Clark, Department of Biological Sciences, Binghamton University, Binghamton, NY, 13902, USA. E-mail: aclark@binghamton.edu.

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

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

CALL FOR NOMINATIONS FOR ABS CAREER AWARDS

In recent years, the Animal Behavior Society has made a series of Career Awards. With these awards we recognize scholars in our discipline at various stages of their careers. These awards and their recipients are:

Distinguished Animal Behaviorist- outstanding lifetime achievement in animal behavior. J.P. Scott, W.D. Hamilton, P. Marler, J. Maynard Smith, G. Woolfenden, L. Brower, L.R. Aronson.

Exemplar Award- major long-term contribution. J.A. Stamps, D. Mock, J. Altmann, J. Alcock, D. Dewsbury.

Quest Award- outstanding seminal contribution. K. Sullivan, M. Zuk, J.C. Wingfield, P. Gowaty.

Outstanding New Investigator- outstanding contribution by a new investigator. L.A. Dugatkin, A. Basolo.

To make a nomination: 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 procedures involved, the following items must be submitted for a nomination: (1) a letter of nomination indicating the award for which the nominee is being proposed. It should provide details on the reasons the nominee should be considered for that award, (2) a curriculum vitae of the nominee, and (3) additional supporting letters from colleagues solicited by the nominator. These materials should be sent to Susan Riechert, Chair, Career Awards Committee, Department of Ecology and Evolutionary Biology, University of Tennessee, Knoxville, TN,

37996-1610, USA. E-mail: sriecher@utk.edu.
DEADLINE: Feb. 1, 1998.

CALL FOR NOMINATIONS FOR SERVICE AWARDS

Beginning in 1996, the Animal Behavior Society makes up to three awards each year, called Exceptional Service Awards, to individuals from our organization who have consistently aided the society in its organization and operations.

To make a nomination: Members of the Society are encouraged to submit nominations for this award. The nomination consists of a letter outlining the contributions that the nominee has made to the Animal Behavior Society. Additional supporting letters from colleagues may be submitted. These materials should be sent to: Susan Riechert, Chair, Career Awards Committee, Department of Ecology and Evolutionary Biology, University of Tennessee, Knoxville, TN, 37996-1610, USA. E-mail: sriecher@utk.edu. DEADLINE: Feb. 1, 1998.

ABS AUTHORS

If you have written or edited a book pertinent to animal behavior which was published in 1997 or will have a book coming out in 1998, please send the citation and a brief synopsis of its contents to Dr. Linda Rayor, Dept. of Entomology, Cornell University, Ithaca, NY 14853, lsrl@cornell.edu, Chair of ABS Public Affairs Committee.

ETHNIC DIVERSITY FUND STUDENT REGISTRATION FEE AWARDS

A limited number of awards will be made from the Ethnic Diversity Fund to cover registration fees for graduate students attending ABS annual meetings. Applicants must be enrolled in a graduate program at the time of application and must be members of under-represented minorities, including those living in North America who are of African, Asian, or Latin American descent and those who are of Native American heritage, citizens of Latin American countries, and non-white citizens of African countries. Awards will be made by a lottery including all valid applications received before 1 March 1998. A letter of application and a signed statement from the student's major professor confirming the student's graduate status should be directed to Marlene Zuk, Department of Biology, University of California, Riverside, CA 92521. E-mail: mzuk@citrus.ucr.edu.

CALL FOR SYMPOSIA FOR THE 1999 ANNUAL MEETING

Symposium proposals for the 1999 annual meeting must be submitted to the Program Officer by two months prior to the *previous* (1998) annual meeting or by May 15, 1998. Proposals may be submitted by email or regular post to Program Officer Anne Clark. For information email aclark@binghamton.edu.

1998 MEMBERSHIP RENEWALS

Renewal / Status forms for 1998 have now been mailed to all active and lapsed members with valid addresses on file. If you haven't received yours or your envelope was missing either the renewal form or information form, please contact the central office (aboffice@indiana.edu) or use the Application/Renewal form on the back of this newsletter. You may also download a form from the ABS web site at <http://www.cisab.indiana.edu/ABS/Member/index.html>. If your membership lapsed in 1997 and you wish to order 1997 journals, you may do so by paying 1997 dues (same as 1998) and noting that you wish to receive 1997 journals on your form and/or check.

CALL FOR APPLICATIONS ABS STUDENT RESEARCH GRANTS

The ABS Research Grants Committee announces the 1998 competition for funds to support student research. Only student members of ABS who are enrolled in a graduate program are eligible to apply. We anticipate that funds will be available to support at least ten students at a level of no more than \$1,000 (U.S.) each. The DEADLINE for receipt of completed applications is 12 JANUARY 1998. No late applications will be accepted. Applications will be reviewed by two or three referees and funded projects will be announced by April 1, 1998.

The preferred method for receiving and submitting application materials is at <http://www.mta.ca/~jgodin/> 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. Jean-Guy Godin by mail: Department of Biology, Mount Allison University, Sackville, NB, Canada E0A 3C0 or by e-mail: jgodin@mta.ca. Please mark the envelope or subject line "ABS Grants".

NOMINATIONS SOLICITED FOR THE WILLIAM C. BROWN ANIMAL BEHAVIOR TEACHING AWARD

Thanks to the generosity of William C. Brown Publishers, the Animal Behavior Society solicits nominations for the William C. Brown Animal Behavior Teaching Award for 1998, to be awarded at the 1998 ABS meeting in Carbondale, Illinois. The awardee will receive a \$500 personal stipend and a grant of \$500 to enhance undergraduate instruction in animal behavior at the awardee's institution. Nominees for the award must show evidence of effective and innovative teaching and have a reputation among peers and students for excellence in undergraduate animal behavior instruction maintained over a number of years. Persons wishing to make a nomination must submit a one-page nomination letter and names, addresses and phone numbers of at least two additional references. Selection will be made by the ABS Education Committee; upon receipt of a nominating letter, the committee will solicit supporting materials such as course syllabi, student evaluation summaries, letters from students or peers, documentation of teaching awards and innovations, textual or laboratory materials, and other indicators of superior undergraduate teaching. Nominators and nominees must be members of the Animal Behavior Society; current officers and committee chairs of the Animal Behavior Society are not eligible for nomination. Nominations must be submitted by **Jan. 15, 1998**, to: Dr. Michael Renner, Chair of the ABS Education Committee, Dept. of Psychology, West Chester University, West Chester, PA 19383.

1998 WARDER CLYDE ALLEE COMPETITION

The ABS requests that students who wish to participate in the Warder Clyde Allee Competition at the 1998 Annual Meeting at Southern Illinois University, Carbondale contact Andy Sih, Chair, Allee Judging Committee, for necessary information, guidelines, and deadlines. The Allee Competition requires a (1) short manuscript in *Animal Behaviour* format and (2) a spoken paper at the annual meeting. Both must address the same piece of student research. In order to compete, the ABS recommends that information be requested by 15 November, 1998. Contact Andy Sih, Center for Ecology, Evolution and Behavior, University of Kentucky, Lexington, KY 40506-0225. E-mail: andy@darwin.ceeb.uky.edu.

DONORS TO THE STUDENT RESEARCH GRANTS AWARD PROGRAM

The Development Committee of the Animal Behavior Society is taking this opportunity to thank the following members of the Society who so generously responded to our request for funds for our Society's Grant Awards Program.

As you know, the Grant Awards provide funds for graduate students to help them get started on their research careers. In the past we have been able to fund perhaps six or eight awards. This year, because of their help, we were able to fund 17 awards.

Elizabeth Adkins-Regan
Kraig Adler
John Alcock
Jeanne Altmann
Elizabeth Bowdan
H. Jane Brockmann
Charles C. Carpenter
Anne B. Clark
Christopher Clark
Shirley L. Davis
Roy P. Fontaine
Debra Forthman
Sidney A. Gautheraux, Jr.
Robert Gendron
Thomas Getty
Lauren Gilson
Michael D. Greenfield
Laurie Hiestand
Rebecca Holberton
Anita P. Hotchkiss
Stewart Hulse
David W. Inouye
Robert G. Jaeger
Donald D. Jensen
Suzanne B. Johnson
Thomas A. Knoedler
Phil Lehner
W. Mitch Masters
William J. McClintock
Patricia McConnell
Gail R. Michener
Anna E. Miklos
James J. Moore
Douglas W. Morrison
Peter Narins
Lawrence I. O'Kelly
Suzanne Oppenheimer
James E. Platz
Ernie Reese
Lucille Roberts
Martin W. Schein
Paul Sherman
Andrew Sih
Laura Sirot

Nichole Davis Sloan
Laura Smale
John Staddon
Douglas W. Tallamy
Roger K. R. Thompson
Danielle Waples
Peter Waser
Robert J. Woll
Evan Zucker
Marlene Zuk

In addition to the above members there were three who requested anonymity and who we thank for their exceptionally generous contributions.

Ira Perelle
Chair, Development Committee

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).

IN SEARCH OF MEETING SITES

Sites for future ABS meetings are needed. Anyone wishing to host one of our meetings should contact David Duvall to discuss requirements and to receive further information.

MEETINGS

ABS to Co-Sponsor SICB 1998 Annual Meeting. ABS is teaming up again with the Society for Integrative and Comparative Biology (SICB) by co-sponsoring the SICB 1998 Annual Meeting, Jan. 3-7, 1998, in Boston. The meeting is an educational and research forum for scientists in the fields of evolutionary biology, ecology, physiology, and other biological sciences. Ten symposia, numerous workshops and special programs will be held in addition to hundreds of contributed papers in divisional and interdivisional sessions. For registration information, please see the ABS Web site <<http://www.cisab.indiana.edu/ABS>>. If you do not have access to the Internet or would like additional information, please contact the SICB Business Office at 800/955-1236.

ANNOUNCEMENTS

Southwestern Research Station Student Support Fund - The American Museum of Natural History awards several grants each year of approximately \$400-\$800 to graduate students or postdoctoral students pursuing research at its Southwestern Research Station in the Chiricahua Mountains, Portal, Arizona. Information and application forms for this program and other Museum grant programs can be obtained by writing: Office of Grants and Fellowships, American Museum of Natural History, Central Park West at 79th Street, New York, NY 10024-5192. Application due date: Feb. 15, 1998. Address questions concerning the Station to: Dr. Wade C. Sherbrooke, Director, Southwestern Research Station, Portal, AZ 85632 USA; telephone 520-558-2396; e-mail: swrs@amnh.org.

Graduate and Post-Graduate Research Grants. The Biological Research Station of the Edmund Niles Huyck Preserve offers grants (max. = \$2,500) to support biological research which utilizes the resources of the Preserve. Among the research areas supported are basic and applied ecology, animal behavior, systematics, evolution, and conservation. The 2000 acre Preserve is located on the Helderberg Plateau, 30 miles southwest of Albany. Habitats include northeast hardwood - hemlock forests, conifer plantations, old fields, permanent and intermittent streams, 10 and 100 acre lakes, and several waterfalls. Facilities include a newly expanded laboratory building, library, collections, and houses/cabins for researchers. Deadline = February 1, 1998. Application material may be obtained from Dr. Richard L. Wyman, Executive Director, E.N. Huyck

Preserve and Biological Research Station, P.O. Box 189, Rensselaerville, NY 12147.

The Center for Field Research invites proposals for 1998-1999 field grants funded by its affiliate Earthwatch. Earthwatch is an international, non-profit organization dedicated to sponsoring field research and promoting public education in the sciences and humanities. Past projects have been successfully fielded in, but are not limited to, the following disciplines: animal behavior, biodiversity, ecology, ornithology, endangered species, entomology, marine mammalogy, ichthyology, herpetology, marine ecology, and resource and wildlife management. Interdisciplinary projects are especially encouraged as is multinational collaboration. Information can be found at <http://www.earthwatch.org/cfr/cfr.html>, or you can contact: The Center for Field Research, 680 Mt. Auburn St, Watertown, MA 02272. Tel: (617) 926-8200. Fax: (617) 926-8532. e-mail: cfr@earthwatch.org.

OPPORTUNITIES

The Secretary would like to remind you 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.

Seasonal Office Assistant: Assist in operations of biological research station office and nature shop: taking reservations, answering phones, greeting guests, supervising volunteers, etc. Begin March 15, 1998, through September 1998. Five-day week; salary \$220/wk, plus room (shared) and board. Applicant must be punctual, organized, enjoy people, and be interested in living in a remote setting (Chiricahua Mountains) and working with biological researchers. Biological training an asset. Call and send résumé to: Dr. Wade C. Sherbrooke, Director, Southwestern Research Station, American Museum of Natural History, Portal, AZ 85632. Phone and fax: 520-558-2396; e-mail: swrs@amnh.org.

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.

The NSF-supported Center for the Integrative Study of Animal Behavior at Indiana University seeks outstanding candidates for training in animal behavior that combines approaches from biology, neuroscience, and psychology. PREDOCTORAL candidates should apply by Jan. 15th for fall 1998. POSTDOCTORAL candidates should apply by March 1st for fall 1998. Inquires to CISAB, 402 N. Park Ave., Indiana Univ., Bloomington, IN 47405; (812) 855-9663; FAX (812) 855-0411 or email: lisummer@indiana.edu. Additional information via the Internet: <http://www.cisab.indiana.edu/>. Applications by minorities and women are encouraged. AA/EOE.

Graduate Training in Evolutionary Ecology. Graduate fellowships are available to pursue doctoral studies with the following faculty at the University of Kentucky: Phil Crowley: Life-history strategies and community ecology; Scott Gleeson: Plant community ecology; Ken Haynes: Insect chemical communication; Nicholas McLetchie: Sex ratio in plants; Allen Moore: Insect behavioral genetics; Craig Sargent: Behavioral ecology of fish; Andy Sih: Predator-prey evolutionary ecology; David Wagner: Population genetics of forest trees; David Westneat: Behavioral ecology of birds; David Wise: Community ecology of spiders. For more information, see our WWW site at <http://darwin.ceeb.uky.edu/ceeb/grt.html>. Students who are interested in this NSF-sponsored Graduate Research Training program should contact one of the listed faculty at the Center for Ecology, Evolution and Behavior, 101 Morgan Building, University of Kentucky, Lexington, KY 40506-0225. Because of the source of funding, only U.S. citizens and

permanent residents can be considered for these positions. Women and minorities are especially encouraged to apply. The University of Kentucky is an Equal Opportunity/Affirmative Action Employer.

NIMH Graduate and Postdoctoral Training in Behavioral Ecology and Comparative Neurobiology. The University of Kentucky has an interactive, energetic group of faculty, a flexible curriculum and excellent facilities directed toward providing graduate students and postdoctoral scholars training on the interface between behavioral ecology and neurobiology. Training focuses on how studies of neural, sensory and psychological mechanisms aid in understanding behavior, and in turn, how evolutionary, genetic and ecological approaches enhance our understanding of patterns in neurobiology and psychology. Training involves exposure to a variety of organisms and topics including: sensory basis of mate choice in fishes, pheromones and insect communication, hormonal correlates of reproductive behavior in birds; neurobiology, learning and mating behavior in birds; crustacean chemoreception and neuromodulation of behavior, neuroendocrine basis of seasonal and circadian rhythms in rodents, and development of visual pathways in amphibians. Graduate and postdoctoral fellowships are available with the following faculty at the University of Kentucky: B.M. Davis and M.J. Duncan (Anatomy and Neurobiology); R. Cooper, E.A. Debski, R.C. Sargent, A. Sih, D.F. Westneat and H.Y. Yan (Biological Sciences); K.F. Haynes, A.J. Moore and D. Wise (Entomology); T.V. Getchell, S.J. Legan, T.S. McClintock, D.G. McMahon and B. Peretz (Physiology); C. Akins, M.T. Bardo and T. Zentall (Psychology). See our WWW site at <http://darwin.ceeb.uky.edu/ceeb/beacon.html> for more information about the program. Interested students and postdoctoral candidates should contact Dr. Bertram Peretz, Department of Physiology, University of Kentucky, Lexington, KY 40506-0084; (606) 323 5356; fax: (606) 323 1070; e-mail: bpere1@pop.uky.edu. Women and minorities are especially encouraged to apply. The University of Kentucky is an Equal Opportunity/Affirmative Action Employer.

Opportunities continue on page 18

**SOUTHERN ILLINOIS UNIVERSITY AT CARBONDALE
1998 ANIMAL BEHAVIOR SOCIETY MEETING**

Southern Illinois University at Carbondale is pleased to invite you to attend the 35th Annual Meeting of the Animal Behavior Society. Information about the meeting is given in the following sections. The Local Organizing Committee of Southern Illinois University at Carbondale thanks the Department of Zoology, the College of Science, and the Division of Continuing Education for assistance with various phases of the meeting.

DATES OF MEETING: July 18 - July 22, 1998

WEB SITE: Information on the 1998 meeting is available on the Animal Behavior Society web page (<http://www.cisab.indiana.edu/ABS>) and via the November 1997 issues of the ABS Newsletter. When it is completed, the Meeting Program will also be posted on that web page.

SITE: Carbondale is located in southern Illinois, 50 miles north of the confluence of the Ohio and Mississippi Rivers. It is in an area rich in natural and cultural history. The earliest settlements in Illinois were located near here. We have two National Wildlife Refuges, the Shawnee National Forest, and several State Parks, all within an hour of the campus. We are two hours south and east of St. Louis, three hours north and west of Nashville, Tennessee, four hours north of Memphis, Tennessee, and, as a surprise to some, almost equidistant, via interstate highways, from Chicago and Atlanta!

PLANNED ACTIVITIES: As an experiment, the 1998 meeting will be shortened by one day relative to past ABS meetings. The four-day duration will thus be comparable to the length of the annual meeting for many other organizations. We hope that many of you will plan to come for the entire meeting. On one evening during the meeting we will have a special concert given by the Carter-Connelly Band. This local group will give us a history of bluegrass, folk, country, and country and western music, all characteristic of our area.

PROGRAM: The program will be available on the ABS web site. If members do not have access to the WWW, they may e-mail Anne Clark (aclark@binghamton.edu) for an electronic copy. If you do not have an e-mail address and are not registering for the meeting, you can get a copy of the program by writing to ABS Program Officer, Anne Clark.

This year, the Keynote Address will be given by Sidney Gauthreaux on Sunday morning. Fellows Lectures will be given by Bennett G. Galef, Jr. and Jane Brockmann.

WEATHER AND SUGGESTED ATTIRE: Summer in Carbondale is generally warm and moderately humid. All of the dormitory rooms, dining areas, and meeting rooms for the ABS meeting will be fully air conditioned. July weather generally involves high temperatures above 80° and evening lows of around 60°. Humidity is moderate, but can get muggy. Casual dress, including shorts and sandals are quite acceptable for almost all activities in our area and at the meetings.

ON-CAMPUS HOUSING: Arrangements have been made to accommodate conference participants in university residence halls. Guests will be assigned to share dormitory units with two bedrooms sharing a bathroom. Each unit houses two-to-four people in single or double bedrooms. Single rooms may be limited and will be assigned on a first-paid, first-served basis, if a single room is requested. The housing/meal package is on a *per person* basis. You must pay housing costs for all children requiring a bed and meal costs for each person regardless of age. If you intend to share a room, please note the roommate's name on the enclosed form. Space permitting, we will attempt to house families with children in the same dormitory unit. Couples will be expected to share a unit with other couples. Linens and amenities are provided with each room and include, sheets, pillow and pillowcase, towels, blanket, drinking cup, and soap. You may wish to bring a reading lamp as this item is not supplied.

OFF-CAMPUS HOUSING & CAMPING: For those wishing to stay off campus, several options are available. The motels are listed below - please contact them directly. For additional motel information call the Carbondale Convention and Tourism Bureau (800 526-1500).

MOTELS

Holiday Inn, 800 E. Main, (618) 529-1100

Best Inn, 1345 E. Main, (618) 529-4801

Super 8, 1180 E. Main, (618) 457-8822

Comfort Inn, 1415 E. Main, (618) 549-4244

Days Inn, 801 E. Main, (618) 457-3347

BED & BREAKFAST

Sassafras Ridge Bed & Breakfast, 328 Fawn Trail, Carbondale (618) 529-5261

Shawnee Hills Bed & Breakfast, Rte. 2, Box 525, Cobden (618) 893-2211

Francie's Bed & Breakfast, 104 So. Line, DuQuoin (618) 542-6686

CAMPING

Giant City State Park, (618) 457-4921

Devil's Kitchen Lake (Crab Orchard NWR), (618) 457-5004

Crab Orchard (Crab Orchard NWR), (800) 475-0605

MEALS: Meals will be available for those staying on campus at a cafeteria adjoining the dorms. These will include breakfast (all 4 mornings), lunch (all 4 days), and dinner (Sun., Mon., & Tues.). Please sign up for these on the Housing/Meals/Travel Form. In addition, there is a picnic/barbeque on the arrival evening (Sat.), and the banquet on the last evening (Wed.). There are several eateries within the Student Center and numerous establishments within several blocks of the campus. A list of these will be provided in the packet at registration.

EXTRA DAYS: Conferees who stay on campus and who plan to arrive a day before the conference will be able to add this additional night of lodging (without meals) at the standard room rate. This is indicated on the Housing/Meals/Travel form.

PARKING: For those who drive to Carbondale, parking permits will be available at registration. The fee will be \$5 for a lot near the dormitories. Those who stay off campus can also obtain the \$5 permit, but they must park at the dorm lot and walk 0.3 miles to the Student Center where the meeting is being held. Alternatively, those who stay off campus can pay \$0.50/hour (metered parking) in a visitors lot directly adjacent to the Student Center. Free parking will be available in a lot at the SIU Arena, located 0.3 miles from the dormitories.

BANQUET: The banquet will take place on Wednesday evening July 22nd in Ballroom D of the SIU Student Center. Dinner will be \$26, including beverages. Vegetarian meals will be available upon request (see registration form). We plan for a DJ for dancing after the banquet. NOTE: A lounge area adjacent to the banquet/dancing area will provide chairs and sofas for conversation in a quieter setting!

TRAVEL AGENCY: The official travel agency for the meeting is B & A Travel. They are the best agency with whom I have ever worked. I urge all of you to try them and compare their rates with your local travel agent. They will be arranging for special fares (ranging from 10-50% off listed fares) with USAir, TWA, Northwest, and United Airlines. When you call them, please be sure you indicate that you are calling with reference to the Animal Behavior Conference. They can be reached at telephone no. 800 851-7505; FAX no. 618 457-0241, or, for an initial contact, email bandatvl@midwest.net.

ACCESS TO CARBONDALE: Carbondale is served by Greyhound Bus (the bus stop is at the edge of campus), and by Amtrak (the station is 3 blocks north of campus). Air service is either direct to St. Louis (Lambert Field), or via TWA Express to Williamson County Airport, 13 miles east of Carbondale. A van will make several trips to the Williamson County Airport to meet flights (and for return trips). We have arranged for an airconditioned bus to make trips to the St. Louis Airport. There will be either two or three bus trips to Lambert Field on Saturday July 18, and one trip each on Wednesday July 22 and Thursday July 23. There will also be a single shuttle bus trip to Lambert Field on Friday July 17 to accommodate the arrival of those attending the Executive Committee Meeting on Saturday the 18th.

PLEASE fill in the requested information on the Housing/Meals/Travel form. We will endeavor to meet the needs of as many people as possible who respond by May 15, 1998. There are also van services (one-way cost ca. \$45) that travel between Carbondale and Lambert Field in St. Louis:

BART (800) 284-2278

J & B Shuttle (800) 600-3003

For those who drive, several interstate highways are near Carbondale. Interstates 57 and 24 are 18 miles east of Carbondale via Illinois Route #13. US Highway #51 runs directly through Carbondale. The SIU Campus is located just south of the center of town. Interstate 64 is 45 miles north of Carbondale, and Interstate 70 crosses Illinois 90 miles north of Carbondale.

FAMILIES: There are numerous areas for outdoor activities in the immediate Carbondale area. Information will be supplied in the registration packet concerning many of these locations. If you would like to obtain more specific information in advance of the meeting, please contact the Carbondale Convention and Tourism Bureau (800 526-1500; email cctb@globaleyes.net). St. Louis, which is two hours from Carbondale, offers a wide variety of museums and historical sites. You may explore these possibilities by checking the world wide web (<http://www.st-louis.mo.us/>).

DAY CARE/CHILD CARE: There are several possibilities for those who need to find some form of daycare for children. You may also try either Admiral Child Development Center (618 - 529-5437) or PUKA school (618 - 549-7633).

T-SHIRTS: T-shirts with the meeting logo will be available (see order form).

CANCELLATION: For cancellations received by June 15, there will be refund less a \$25 processing charge. For cancellations received by July 10, there will be a refund less a \$50 processing charge. After July 10, cancellations will be handled on a case-by-case basis.

- **Note: Page-order constraints forced me to print the following two registration forms back-to-back. Please photocopy them for use, or, if you send them on the one sheet, note on the front that both sides have been completed to avoid problems.**

My apologies, The Secretary

**SOUTHERN ILLINOIS UNIVERSITY AT CARBONDALE
ANIMAL BEHAVIOR SOCIETY MEETING, July 18-22, 1998
REGISTRATION FORM**

**Mail To: ABS 1998; Division of Continuing Education; Southern Illinois University;
Carbondale, IL 62901-6705**

REGISTRATION INFORMATION: (NOTE to presenters: This completed form and payments must accompany the abstract submission, which is due at SIUC by **March 13, 1998**)
One registrant per form. Please make photocopies as needed.

NAME (last/First/Initial) _____
Name preferred on meeting badge _____ Social Security No. _____
Institution _____
Mailing Address _____
City/State-Province/Zip-Postal Code/Country _____
Phone () _____ FAX () _____ e-mail _____

FEE SCHEDULE	On/Before May 15	After May 15	
Registration			
ABS Member	\$ 125	\$145	\$ _____
Student Member/Guest/Spouse	\$ 60	\$ 80	\$ _____
Non-Member	\$ 150	\$170	\$ _____

TOTAL FOR REGISTRATION (separate check made out to SIUC) \$ _____

Events			
Saturday Barbeque	\$ 16	\$ 19	\$ _____
Wednesday Banquet	\$ 26	\$ 30	\$ _____
T-shirts (S, M, L, XL)	\$ 10	NA	\$ _____
(XXL)	\$ 11	NA	\$ _____

TOTAL FOR EVENTS & T-Shirts (separate check to SIU Foundation) \$ _____

Do you have any special conditions with which you need assistance? Please describe the assistance required: _____

Will you want a vegetarian meal at the barbeque _____ or banquet _____? Vegetarian meals are always available at the regular meals.

METHOD OF PAYMENT: US FUNDS DRAWN ON A US BANK ONLY

Payment must accompany this form. Deadline for early registration is May 15, 1998 (March 13, 1998 for presenters). **You must write separate checks for (1) Registration - payable to SIUC and (2) Events & T-shirts - payable to SIU FOUNDATION. For those who use a credit card, we'll do two separate billings for these two items.**

Visa
 Mastercard Card No. _____ Exp. Date _____
 Discover

Purchase Order No. _____ Signature _____

A 2.5% surcharge will be added to all credit card payments.

**SOUTHERN ILLINOIS UNIVERSITY AT CARBONDALE
ANIMAL BEHAVIOR SOCIETY MEETING, July 18-22, 1998
HOUSING, MEALS, AND TRAVEL FORM**

**Mail To: ABS 1998; Division of Continuing Education; Southern Illinois University;
Carbondale, IL 62901-6705**

HOUSING - ON CAMPUS (NO SMOKING PERMITTED IN ANY SIUC BUILDINGS)

Name _____ Social Security No. _____

Address _____

<u>Date/Day</u>	<u>Single Occupancy</u>	<u>Double Occupancy</u>
July 17 (Fri.) Room Only	\$22____	\$18____
July 18 (Sat.) Room Only	\$22____	\$18____
July 19 (Sun.) Room +BLD	\$39____	\$35____
July 20 (Mon.) Room +BLD	\$39____	\$35____
July 21 (Tue.) Room +BLD	\$39____	\$35____
July 22 (Wed.) Room + BL	\$33____	\$29____

TOTAL _____

Sex _____ Name of Requested Roommate _____

We will place all others requesting double rooms with roommates.

For on-campus housing, the room and board for each day come as a package. Double occupancy rate is per person. Meals: B = breakfast; L = lunch; D = Dinner
Room rates include bed linens, pillow, towel, washcloth, soap and cup.

METHOD OF PAYMENT: US FUNDS DRAWN ON A US BANK ONLY

Payment must accompany this form. **Make checks payable to SIUC.**

__ Visa

__ Mastercard Card No. _____ Exp. Date _____

__ Discover

Purchase Order No. _____ Signature _____

A 2.5% surcharge will be added to all credit card payments.

TRAVEL PLANS: I (WE) WILL ARRIVE AT (A) ST. LOUIS AIRPORT OR (B)

WILLIAMSON COUNTY AIRPORT ON _____ AT _____ AM/PM.

ABSTRACT PREPARATION & SUBMISSION INSTRUCTIONS

1. Abstracts and registration materials must be **received no later than Friday, 13 March, 1998.**
2. The format for your abstract must be as follows:
FIRST LINE: Title—Use all capital letters. Titles on abstract and transmission forms must be the same.
SECOND LINE: (Can continue to third line): Authors' names and complete mailing address. Use "&".
FOLLOWING LINES: Text of abstract organized as follows:
 - a. Specific objectives - include a brief statement.
 - b. Methods - include a brief description as necessary.
 - c. Results - provide a clear, specific summary of findings.
 - d. ConclusionsALIGNMENT: Align title, authors and text along left margin, indenting only first line of text. Example:

MECHANISMS OF VOCAL PRODUCTION IN BUDGERIGARS

E. F. Powell, O. N. Larsen & R. J. Dooling, Department of Psychology, University of Maryland, College Park, MD 20742

How birds produce complex vocalizations is still not completely understood, even though much is known about the anatomy of the vocal apparatus as well as the motor nuclei involved. (etc.)

3. The abstract must be a **MAXIMUM** of 200 words, including the title and authors. All hard copies must be laser printer quality & printed within a space 3 inches high and 7 inches wide near the top of the page.
4. On one hard copy of abstract, please include and sign the following statement:
By submission of this abstract to ABS, I declare that the research reported herein was conducted in compliance with the ABS Guidelines and all laws applicable to my work.
5. Abstract submission —Choose either electronic or paper/disk submission & follow instructions carefully!
 - A. **Electronic submission (PREFERRED METHOD!)**: You may submit your abstract electronically through the ABS Website. Access the ABS site at <http://www.cisab.indiana.edu/ABS/>. Use the button for ABS meeting information and abstract submission. Follow the instructions for filling in transmittal form and abstract box found there. Your abstract will go directly to the Program Officer. IF you choose this method:
 - __i) your emailed abstract/transmittal form must still arrive electronically by 13 March,
 - __ii) your registration must still arrive by regular mail at SIU by 13 March**AND** __iii) you must also send __a hard copy of your abstract with signed statement (4 above), __a hard copy of the transmittal form, and __the acknowledgement form to Program Officer (address below) to arrive by or shortly after 13 March. (This provides backup for receipt of abstract and email acknowledgement.)
 - B. **Hard copy/disk submission**: Submit your abstract on a 3.5 inch disk together with three hard copies (one with signed statement), and completed acknowledgement form. MacIntosh disks in Word preferred. The disk should be labelled with name of presenting author, title of abstract, and software/version used; no other files should be on disk. Do not fold hard copies across text. Send abstract materials (but not registration) to

Dr. Anne B. Clark, ABS Program Officer
Dept. Biological Sciences, Binghamton University
Binghamton NY 13902-6000 USA

Check List for Abstract Submissions

- Format of abstract follows guidelines
- Abstract emailed/mailed to Program Officer to arrive <13 March
- Abstract does not exceed 200 words
- Registration mailed to **SIU TO ARRIVE by 13 March**
- Hard copy(s) not folded through text
- (electronic submission only) Acknowledgement form, 1 hard
- Items 1-13 completed on transmittal form
- copy signed abstract and transmittal form to Program
- Acknowledgement form addressed, 32¢ stamp
- Officer, following electronic submission.
- 3 copies abstract, one signed (regular submission only)
- A 3.5" disk with abstract, preferably in Word, Mac format (regular submission only)

.....

ABSTRACT ACKNOWLEDGEMENT FORM

Please fill out BOTH sides of this form and include in the envelope with your abstract. This form will be returned to you with information on the time and session for your presentation. *All U.S. participants should be sure to place 32¢ stamp on the address side of this form!*

Name of presenting author: _____

Address: _____

Title of abstract: _____

Your talk/poster is schedule for _____ on _____ in a session entitled _____.

NOTE: You will receive a full hard-copy program at the meeting. Check the ABS website (<http://www.cisab.indiana.edu/ABS/>) for current program and updates as they happen! To contact Program Officer about important changes or withdrawal before the meeting, email Anne B. Clark <aclark@binghamton.edu>

.....

Fold here

Dr. Anne B. Clark
Dept. Biological Sciences
Binghamton University
Binghamton NY 13902-6000

place
stamp
here
(US only)

To

Fold here

**CANDIDATES FOR THE
1997 ELECTION OF OFFICERS**

SECOND PRESIDENT ELECT

Patricia Gowaty

Education: B.A., 1967, Tulane University
Ph.D., 1980, Clemson University
Present Position: Professor of Ecology, University of Georgia, Athens, GA.
Research Interests: Mating systems, mate choice, and sex allocation, currently in Eastern Bluebirds and three species of *Drosophila*.
ABS and related activities: ABS Fellow, Quest Awardee, 2nd-place Allee Awardee (1979). Chair or member of 10 ABS committees, Member-at-Large (1992-1995), Editorial Board of *Animal Behaviour* (1997-2000). Editorial boards of *Evolution* (1997-), *American Naturalist* (1993-1997), *Etologia* (1997-), *Human Nature* (1993-), *Behavioral Ecology and Sociobiology* (1991-). NIMH K Award (1990-2001).

Theodore E. Burk

Education: B.A., 1974, University of Kansas
Ph.D., 1979, University of Oxford
Present Position: Professor and Chair of Biology, Creighton University, Omaha, NE
Research Interests: Insect behavioral ecology, animal communication, insect conservation biology.
ABS and related activities: Film Committee (1983-84), Education Committee Chair (1993-96). Organized symposium on laboratory exercises in *Animal Behavior* (1995 ABS Meeting). Member, local organizing committee, 1995 ABS meeting; Nebraska Behavioral Biology Group executive committee (1991-). Co-author, *Biology of Animal Behavior* (W.C. Brown).

NOTE: Janet Randall withdrew from the election.

PROGRAM OFFICER

Emília P. Martins

Education: B.A., 1987, Univ. of California, Berkeley
M.S., 1991, University of Wisconsin, Madison
Ph.D., 1992, University of Wisconsin, Madison
Present Position: Assistant Professor of Biology, University of Oregon, Eugene, OR.
Research Interests: Communication and social behavior, especially in lizards, evolution, phylogenies and the comparative method.
ABS and related activities: Organized symposium for the 1994 ABS meeting; Member of Ethics Committee (1990-1997); ABS Assistant Program Officer (1994-1997); Allee Award Judge, 1996.

Jeffrey Lucas

Education: B.S., 1975, Florida Institute of Technology
M.S., 1978, University of Florida
Ph.D., 1983, University of Florida
Present Position: Associate Professor of Biology, Purdue University, West Lafayette, IN
Research interests: Energy regulation, dynamic optimization.
ABS and related activities: Constitution, Bylaws and Policy Committee (1999-91), Assistant Program Officer (1991-1994), Associate Editor, *Animal Behaviour* (1997-).

PARLIAMENTARIAN

Kimberly A. Sullivan

Education: B.A., 1979, University of Pennsylvania
Ph.D., 1984, Rutgers University
Present Position: Associate Professor of Biology, Utah State University
Research Interests: Behavioral ecology, development of foraging and social behavior, ecology and behavior of juvenile birds.
ABS and related activities: ABS Parliamentarian (1995-present), Chair, ABS Organization and Bylaws Committee, Member, ABS Policy Committee and ABS Career Awards Committee, Board of Directors, Cooper Ornithological Society, Chair, Cooper Ornithological Society Nominating Committee, Member, Cooper Ornithological Society Student Participation and Bylaws Committee, Editorial Board, *Ecology*, *Ecological Monographs*, and *Bird Behavior*.

Thomas C. Rambo

Education: B.A., 1962, The College of Wooster
M.Sc., 1963, The Ohio State University
Ph.D., 1967, The Ohio State University
Present Position: Professor of Biological Sciences, Northern Kentucky University
Research Interests: Insect-plant interactions, avian social groups, educational methods in teaching animal behavior.
ABS and related activities: Education, Animal Care, and Film Committees. Chair, Film Committee (1992-1994). Co-host, 1989 ABS meetings. Organized film sessions for I.E.C, 1995. *Who's Who in America's Teachers*, 1996.

Jennifer A. Mather

Education: B.Sc., 1964, Univ. of British Columbia
M.Sc., 1972, Florida State University
Ph.D., 1978, Brandeis University
Present Position: Associate Professor, Department of Psychology and Neuroscience, University of Lethbridge
Research Interests: Behavior of Cephalopods, human eye movements. Other interests in ethics of research and animal care, situation of women in science.
ABS and related activities: Member, Animal Care Committee (two terms) and Bylaws and Standards Committee.

MEMBER AT LARGE

Elizabeth M. Jakob

Education: B.S., 1983, Cornell University
Ph.D., 1989, University of California, Davis
Present Position: Associate Professor, Bowling Green State University, and Adjunct Professor, University of Massachusetts, Amherst.
Research Interests: The evolution of social behavior, especially in web-building spiders; learning and effect of environmental enrichment on salticids.
ABS and related activities: Allee Award, 1989; Allee Award Judge, 1993; NSF Dissertation Improvement Grant panel member, 1997; American Arachnological Society grants committee chair (1996-present), ABS research grants committee (1996-present).

James C. Ha

Education: B.A., 1980, Millersville University
M.A., 1983, Wake Forest University
Ph.D., 1989, Colorado State University
Present Position: Research Assistant Professor, Psychology Department and Regional Primate Research Center, University of Washington
Research Interests: Primate development, behavior and reproduction; behavioral ecology and foraging behavior of corvids.
ABS and related activities: Host National ABS meeting, 1994; Founder and current manager of ABSnet (1986-present); Public Affairs committee member (1990-1995); Chair, Conservation Committee (1995-present); reviewer for *Animal Behaviour* (1989-present).

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.

Evolutionary Behavioral Ecology (Rank Open). We are searching in the area of evolutionary behavioral ecology. We are particularly looking for candidates with strong field and/or laboratory components to their research. Specific research areas and taxa are open. The ideal candidate will interact closely with a faculty with strong quantitative and theoretical interests and will be expected to maintain vigorous research programs, train graduate students and participate in undergraduate teaching. The search focuses at the Assistant Professor level but appointment at other levels is possible and senior applications will be considered. Review of application files will begin 8 December 1997. To apply, please send curriculum vitae, a statement of research interests, reprints, and have three letters of recommendation forwarded to: Animal Behavior Search Committee, Department of Ecology and Evolution, University of Chicago, 1101 E. 57th Street, Chicago, IL 60637. <<http://www2.uchicago.edu/bsd-eco-evo/>>. The University of Chicago is an Equal Opportunity/Affirmative Action Employer.

The Smithsonian Tropical Research Institute (STRI) invites applications for two research scientists. STRI is particularly interested in a zoologist investigating the ecology, evolution, behavior or physiology of tropical **TERRESTRIAL VERTEBRATES**; and in a biologist interested in similar disciplines of tropical **MARINE ORGANISMS**. Based in the Republic of Panama, the STRI provides unique opportunities and support for field and laboratory research in the tropics. Beginning salaries will be in the \$36 - \$52,000 range and other allowances may apply. STRI is an Equal Opportunity Employer and these positions are open to scientists of any nationality. Applicants should send their CV, a description of research interests, addresses and telephone numbers of three references and copies of significant publications. Please submit materials to either: Vertebrate Biologist or Marine Biologist Search Committee, Smithsonian Tropical Research Institute, Unit 0948, APO AA 34002-0948, USA. Review of applications will begin in January 1998 and will continue until the positions are filled. The appointments will begin in the fall of 1998.

BALLOT: 1997 GENERAL ELECTION OF THE ANIMAL BEHAVIOR SOCIETY

MAIL BALLOTS IN AN ENVELOPE BEARING YOUR NAME TO:

**SUSAN A. FOSTER, ABS SECRETARY,
BIOLOGY DEPARTMENT, CLARK
UNIVERSITY, 950 MAIN ST.,
WORCESTER MA, 01610-1477**

**BALLOTS POSTMARKED AFTER JAN.
15, 1998 CANNOT BE COUNTED**

You may cast write-in votes. We are electing four officers (terms begin 23 July, 1998). All ABS members (regular members, student members, joint members and active Fellows) may vote. Results will be announced in the February Newsletter.

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:

Patricia A. Gowaty _____

Theodore E. Burk _____

Write - in _____

FOR PROGRAM OFFICER

Emília P. Martins _____

Jeffrey Lucas _____

Write-in _____

FOR PARLIAMENTARIAN

Kimberly A. Sullivan _____

Thomas C. Rambo _____

Jennifer A. Mather _____

Write-in _____

FOR MEMBER-AT-LARGE

Elizabeth M. Jakob _____

James C. Ha _____

Write - in _____

OPPORTUNITIES CONTD.

Faculty position in population genetics.

The Department of Biological Sciences at Illinois State University seeks a Population Geneticist/Population Biologist for a tenure-track position as Assistant Professor. We seek a colleague who will establish an active, extramurally-funded research program involving some aspect of population genetics, teach courses at the graduate and undergraduate level, supervise undergraduate, M.S., and Ph.D. student research, and to participate in our graduate Conservation Biology Sequence. Research areas of high priority include experimental or theoretical population/quantitative genetics and conservation genetics. Teaching responsibilities will include Population Genetics and at least one of the following courses: Conservation Biology; Evolutionary Ecology; or Biostatistics. Postdoctoral experience in both research and teaching preferred.

Applications should include: 1) Curriculum vitae; 2) Statement of research and teaching interests; 3) Up to 3 publications; and 4) Names, addresses, phone numbers, and e-mail addresses of three references. Send applications to: Steven A. Juliano, Chair, Population Search Committee, Department of Biological Sciences, Illinois State University, Normal IL, 61790-4120. To be sure of full consideration, applications should be received by 10 December 1997. Additional information about Biological Sciences at Illinois State University can be found at: <http://www.bio.ilstu.edu/> Minorities and women are encouraged to apply. Illinois State University is an Affirmative Action/Equal Opportunity Employer.

APPLICATION / RENEWAL for ANIMAL BEHAVIOR SOCIETY MEMBERSHIP

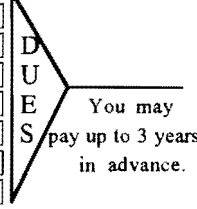
This is a (please check one):

- RENEWAL - make any corrections beside mailing label at bottom of page.
- NEW MEMBERSHIP. Print or type full name and mailing address at bottom of page.
 - Begin my membership now (send back issues). Begin my membership January _____ (year).

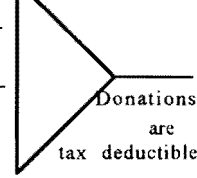
Phone: _____ Fax: _____ E-mail: _____

I would like ABS to send relevant mailings (e.g., ballots, renewal reminders) to me via e-mail. My correct e-mail address is _____. YOUR E-MAIL ADDRESS WILL NOT BE SOLD OR DISSEMINATED TO OTHER ORGANIZATIONS EVEN IF YOU CHECK THIS BOX.

MEMBERSHIP CLASS

- | | | | |
|----------------------------------|------|--------------------------|---|
| (1) Regular Member | \$46 | <input type="checkbox"/> |  |
| (2) Student Member* | \$23 | <input type="checkbox"/> | |
| (4) Multiple (Joint) Member† | \$28 | <input type="checkbox"/> | |
| (5) Emeritus Member | \$23 | <input type="checkbox"/> | |
| (8) Newsletter Only (nonmember) | \$ 8 | <input type="checkbox"/> | |
| (9) Developing Nations Member* | \$25 | <input type="checkbox"/> | |
| (10) Developing Nations Student* | \$15 | <input type="checkbox"/> | |

VOLUNTARY CONTRIBUTIONS

- | | | |
|-----------------------|-------|---|
| Ethnic Diversity Fund | _____ |  |
| Research Awards Fund | _____ | |
| Unrestricted Fund | _____ | |

<p>TOTAL PAID</p> <p>Include LATE FEE if appropriate</p>

RENEWALS ARE DUE BY DECEMBER 1st. THEREAFTER, INCLUDE A \$10 LATE FEE.

- Check or Money Order
 - Visa Master Card American Express Discover
- Acct: _____ Expires: _____

Signature of card holder: _____
 Members are reminded it costs ABS \$2 to process credit card payments. Please consider adding this much (or more) to your total.
 please add \$____ to my total to help ABS offset credit card processing costs.
 Please send a receipt for tax purposes. Please acknowledge via e-mail.

* My Student Membership is endorsed by _____
 Dept. Head, ABS Member or Fellow Print Name Signature
YOU MUST INCLUDE THIS (RENEWING Members may send photocopy of current ID instead)

† My Multiple (Joint/Spouse) Membership is with _____
YOU MUST SPECIFY a FULL MEMBER with whom you share a copy of the journal.

- 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, France, The United Kingdom, Ireland, Switzerland, Austria, Italy, Spain, and Portugal.

Send this form with payment to: **Animal Behavior Society**
 2611 East 10th St., Office 170
 Indiana University
 Bloomington, IN. USA 47408-2603
 FAX (812) 856-5542

EMAIL: aboffice@indiana.edu
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