



NEWSLETTER

Animal Behavior Society

Vol. 48, No. 1
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Molly R. Morris, Secretary

A quarterly
publication

Jason A. Moretz, Editorial Assistant
Department of Biological Sciences, Ohio University, Athens, OH 45701 USA

RESULTS 2002 ABS ELECTION OF OFFICERS

A total of 292 valid ballots were cast in the 2002 election. This is approximately 11% of the ABS membership and represents a decrease of 3% in voter response.

The following officers were elected:

Second President Elect: Steve Nowicki

Treasurer: Lee Drickamer

Executive Editor: George Uetz

Junior Program Officer: Jennifer Fewell

Member-at-Large: Lynette Hart

Constitutional Changes:

1. Change EC quorum from six to seven – Approved
2. Permanent addition of Latin Affairs and Diversity committees – Approved

Congratulations to the new officers, and thanks to all whom ran for office. The new officers will begin their terms at the end of the annual meeting in Boise ID, July 19th – 23rd, 2003.

CALL FOR SYMPOSIA FOR THE 2004 ANNUAL MEETING

Symposium preproposals for the 2004 annual ABS meeting in Oaxaca, Mexico June 12th -16th should be submitted to the Junior Program Officer by 15 September, 2003. Information on organizing symposia may be found at the ABS website:

<http://www.animalbehavior.org/ABS/Program/HostGuide/SympGuide.html> Symposium proposals may be submitted by email to j.fewell@asu.edu or by regular post to: the ABS Program Officer, Jennifer Fewell, Dept of Biology, Arizona State., Tempe, AZ, 85287 USA.

Contribution of Animal Behavior Research to Conservation Biology

Guillermo Paz-y-Miño C.*

Center for Avian Cognition, School of Biological Sciences University of Nebraska-Lincoln, USA.

*Chair the Animal Behavior Society Conservation Committee.

Behavioral research encompasses the study of the physiological and sensory mechanisms that control behavior, the development or ontogeny of behavior, and the function and evolution of behavior. Conservation biologists have debated about these paradigms for decades, at times not realizing that their discussions have contributed directly or indirectly to the area of animal behavior and conservation. To assess the contribution of behavioral paradigms in conservation studies, I identified and evaluated 277 articles (N=1631) published in Conservation Biology between 1987 and 2002 that were directly related to animal behavior and conservation. Four main areas of behavioral research were commonly addressed in these studies: dispersal and settlement, reproductive behavior and social organization, species interactions, and foraging/feeding and pollination. These areas have helped biologists to understand and alleviate conservation problems such as extinction of endangered species and biodiversity loss, habitat destruction and ecosystem management and restoration.

Areas of behavioral research that still need development and that have not yet been applied to conservation in a significant manner include the following: cognition (perception, learning, decision making, information processing), genetic variability and behavior (biodiversity, behavioral diversity, population genetics and behavior), behavioral endocrinology and physiology (hormones and behavior, physiological traits and behavior), animal communication (information sharing, vocalization, signaling) or behavioral evolution (speciation and behavior, reproductive isolation, tradition = culture, phylogenies and behavior). The impact of large-scale environmental problems (i.e. global warming, ozone depletion, pollution, mass extinctions) on animal behavior, particularly transcontinental and altitudinal migrations or population cycles, remains unknown.

ABS OFFICERS

The data indicate that, in the short-term, the experimental design for a most effective study in behavioral conservation should include (1) more than one endangered species that (2) interact and live in fragmented or degraded habitats, and that (3) need imminent management to prevent their extinction. This sinecological study in behavioral ecology should focus on (4) species interactions, particularly predator and anti-predator behaviors, territoriality, and competition for food, mates and nest sites; (5) reproductive behavior and social organization, including not only parental care and cooperation/helping, but also mating systems, mate choice, and kinship; (6) dispersal and settlement, particularly phyloptry or emigration, habitat selection, establishment and home range; and (7) foraging and feeding strategies. Because habitat fragmentation and degradation are the sources of most conservation problems worldwide, current studies in behavioral conservation may be most valuable when conceptualized and conducted under patch-dynamic theory (including patch size, edge effects, patch-matrix interactions, landscape composition, and connectivity), population viability principles applied to fragmented areas (i.e. effective population size, inbreeding depression, extinction), as well as species diversity (both biodiversity and behavioral diversity) and abundance.

DIRECTION OF CORRESPONDENCE

ABS Newsletter and general correspondence concerning the Society: Molly R. Morris, Department of Biological Sciences, Ohio University, Athens, OH 45701, USA. morrism@oak.cats.ohiou.edu. Deadlines are the 15th of the month preceding each Newsletter. The next deadline is **15 April 2003**. 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 Web Site:
<http://www.animalbehavior.org/>

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

President: Anne B. Clark, Department of Biological Sciences and Center for Developmental Psychobiology, Binghamton University (SUNY), PO Box 6000, Binghamton, NY 13902-6000, USA. E-mail: aclark@binghamton.edu.

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

Second President-elect: Ken Yasukawa, Department of Biology, Beloit College, 700 College St., Beloit, WI 53511 USA. Email: yasukawa@beloit.edu.

Past President: Michael D. Beecher, Department of Psychology, University of Washington, Seattle, WA 98195, USA. E-mail: beecher@u.washington.

Treasurer: Nancy G. Solomon, Miami University of Ohio, Department of Zoology, Miami University, Oxford, Ohio 45056, USA. E-mail: solomong@muohio.edu.

Secretary: Molly R. Morris, Dept. of Biological Sciences, Ohio University, Athens, OH 45701 USA. Email: morrism@oak.cats.ohiou.edu.

Program Officer: James C. Ha, Primate Center, Box 357330, University of Washington, Seattle, WA 98195-7330, USA. Email: jcha@u.washington.edu.

Assistant Program Officer: Philip K. Stoddard, Department of Biological Sciences, Florida International University, University Park, Miami, Florida 33199, USA. Email: stoddard@fiu.edu.

Parliamentarian: James H. Benedix, Jr., Department of Biological Sciences, DePauw University, Greencastle, Indiana 46135, USA. Email: jbenedix@depauw.edu.

Executive Editor: Jeffrey R. Lucas, Department of Biological Sciences, Purdue University, West Lafayette, Indiana 47907-1392, USA (2000-02)
Email: jlucas@bilbo.bio.purdue.edu.

Members-at-Large:

Stephen Nowicki, Department of Zoology, Duke University, Box 90325, Durham, North Carolina 27708-0325 USA. E-mail: snowicki@duke.edu

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Hugh M. Drummond, Universidad Nacional Autonoma de Mexico, Instituto de Ecologia, UNAM, A.P. 70-275, Mexico DF, 04510, MEXICO. Email (Primary): hugh@servidor.unam.mx.

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

**NOMINATIONS FOR THE
MCGRAW-HILL HIGHER EDUCATION
DISTINGUISHED TEACHING AWARD**

PLEASE NOMINATE YOUR COLLEAGUES FOR THIS AWARD! The recipient will receive a \$500 personal stipend from McGraw-Hill, a plaque from the Society, and the opportunity to organize an education-related event at the following annual meeting. It is much easier to learn about our colleagues' publication records than it is to know about their teaching expertise. And yet, the impact we have on students is often long-lasting. Please help the Society recognize the excellent teachers within our ranks by nominating members who you feel meet the criteria below.

Nominators and nominees must be current members of the Animal Behavior Society (current officers and committee chairs are not eligible for nomination). Nominees must show evidence of highly 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 nominate an individual for the award must submit a one-page nomination letter and include names, addresses and phone numbers or email addresses of at least two additional peer reviewers and two current or former undergraduate students (department chairs or colleagues may be helpful sources for this information if you are not at the same institution as the person you are nominating). The committee will solicit supporting materials such as course syllabi, student evaluation summaries, additional letters of support, documentation of teaching awards, evidence of teaching innovations, textual or laboratory materials developed by the nominee, and other appropriate indicators of superior undergraduate teaching. If you know of specific materials that would be appropriate for the committee to examine, please mention those in your nominating letter. 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. Nominating letters must be submitted by **31 March 2003**. Please submit to Dr. Penny Bernstein, Chair of the Animal Behavior Society Education Committee, Kent State University Stark Campus, 6000 Frank Avenue, Canton, OH 44720 USA. E-mail: pbernstein@stark.kent.edu.

ABS CONSERVATION WEB PAGE The ABS Conservation Committee web page (click on the conservation icon on the main ABS Web Page: <http://www.animalbehavior.org/ABS/>) is a resource for those interested in applying their animal behavior expertise to conservation problems. The web page has case studies, select literature references, a preliminary list of funding sources, and pertinent internet links. To make suggestions or submissions (we especially need photos and more funding sources), please contact the committee chair, Rich Buchholz (byrb@olemiss.edu).

“This is a superb book.”

—Johan Bolhuis in *Trends in Ecology and Evolution*

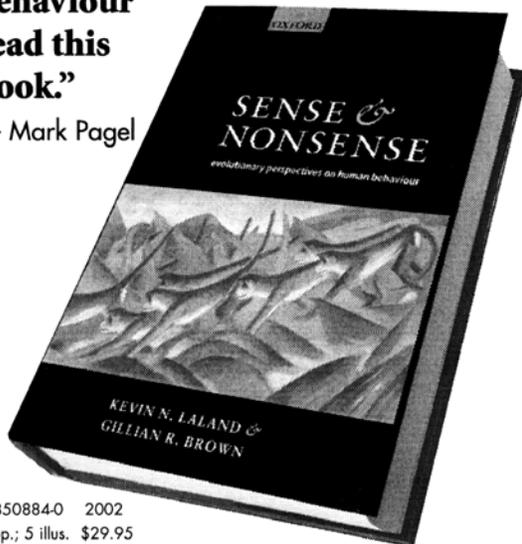
“Lucid and balanced, *Sense and Nonsense* will hopefully reach a broad audience.”—Sarah Hrdy

“Laland and Brown are superb pilots for these treacherous waters. It is an altogether excellent book.”—Patrick Bateson

“A ‘must read’ for my undergraduate courses for the foreseeable future.”—Henry Plotkin

“I recommend everyone with some influence or interest in culture, evolution and human behaviour read this book.”

— Mark Pagel



0-19-850884-0 2002
361 pp.; 5 illus. \$29.95

Can evolutionary theory really help us to understand human behaviour? A new book by Cambridge scientists Kevin Laland and Gillian Brown gives brief histories and critical overviews of the main evolutionary approaches currently being used to explain human behaviour, including sociobiology, human behavioural ecology, evolutionary psychology, memetics, and gene-culture co-evolution. Carefully guiding the reader through the mire of confusing terminology, claim and counter-claim, and polemical statements, Laland and Brown provide a balanced, rigorous analysis that scrutinizes both the evolutionary arguments and the allegations of the critics. *Sense and Nonsense* is a perceptive, readable account of the science behind the works of Dawkins, Dennett, Wilson and Pinker.

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To order, or for more information, please call
1-800-451-7556. In Canada, call 1-800-387-8020.
Visit www.oup-usa.org for more detailed information
on titles, including tables of contents.

CETACEAN BEHAVIOR AWARDS

Congratulations to the 2002-2003 Cetacean Behavior and Conservation Award recipients! Awards of \$1000 each will be presented to Danielle Cholewiak, Cornell University, for her proposal "Sexual selection and female choice in humpback whales" and to Renata Santoro de Sousa-Lima Mobley, Cornell University, for "Behavioral responses to boat activity in a wintering population of humpback whales, *Megaptera novaeangliae*, at the Abrohlos bank, Brazil".

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, J.P. Hailman, N. Collias, E. O. Wilson.

Exemplar Award- major long-term contribution to animal behavior. J.A. Stamps, D. Mock, J. Altmann, J. Alcock, D. Dewsbury, M. Bekoff, J. Endler.

Outstanding New Investigator- outstanding contribution by a new investigator. L.A. Dugatkin, A. Basolo, D.P. Chivers, H.K. Reeve, G. Grether, J. Podos.

Quest Award- outstanding seminal contribution. K. Sullivan, M. Zuk, J.C. Wingfield, P. A. Gowaty, C.R.B. Boake, D. Westneat.

Exceptional Service Award- sustained service contributions to the Animal Behavior Society. L. C. Drickamer, H. J. Brockmann, M. West.

McGraw-Hill Animal Behavior Teaching Award- distinguished contributions in teaching animal behavior to undergraduates. D. C. Candland, G. R. Michener.

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 (except for the McGraw-Hill Teaching Award; see below) should be sent to ABS Past President, Dr. Michael D. Beecher, Department of Psychology, University of Washington, Seattle, WA 98195, USA. E-mail: beecher@u.washington.

DEADLINE: **April 1, 2003**

CALL FOR APPLICATIONS: 2003 LATIN AMERICAN TRAVEL GRANTS

The Latin American Travel Grants are intended to help defray the cost of housing and meals at ABS meetings. They are restricted to Latin American graduate students enrolled in programs in Latin American institutions, who will be presenting a talk/poster at the ABS meeting. Given these restrictions, priority will be given to Ph.D. students who are attending an ABS meeting for the first time and who have not received a Latin travel award in previous years. Please send the following material:

1. submission letter with your: (a) academic status; (b) e-mail and institutional address; (c) budget of meeting-related expenses, indicating funding from other sources; and (d) information on previous ABS meeting attendance as well as previous ABS grants received. 2. an abstract of your paper/poster. 3. Curriculum Vitae. 4. a letter of support from your advisor.

The deadline for receipt of applications for travel to the 2003 meeting at Boise State University is midnight, **May 2, 2003**. Application materials may be mailed to Dr. P. L. Schwagmeyer, Department of Zoology, University of Oklahoma, Norman OK 73019 USA, or submitted electronically to plsch@ou.edu.

DIVERSITY FUND STUDENT REGISTRATION FEE AWARDS

A limited number of awards will be made from the 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: African, Asian, or Latin American descent, Native American heritage, citizens of Latin American countries, and non-white citizens of African countries. Awards will be made by a lottery of all valid applications received before **15 April 2003**. A letter of application and a signed statement from the student's major professor confirming graduate status should be directed to ABS Treasurer, Nancy G. Solomon, Miami University of Ohio, Department of Zoology, Miami University, Oxford, Ohio 45056 USA. E-mail: solomong@muohio.edu.

NOTICE TO DEVELOPING NATION STUDENTS PLANNING TO ATTEND THE ABS 2003 MEETING

In the past it has been occasionally difficult for students from developing nations to obtain visas to enter the United States. Undergraduate and graduate students from Latin America and elsewhere planning to attend the upcoming ABS meeting in Idaho are encouraged to apply for their visas well in advance. The Latin American Affairs Committee can provide backup letters of invitation in support of these students, if desired. Please contact Zuleyma Tang-Martinez to request such a letter (zuleyma@umsl.edu).

**2003 WARDER CLYDE ALLEE
AWARD**

The Warder Clyde Allee Award for Best Student Paper will be presented at the 2003 Annual Meeting at Boise State University, ID 19-23 July 2003. All eligible students are encouraged to participate.

Eligibility requirements: Any independent student research (including, but not limited to, the doctoral dissertation) most of which is unpublished at the time of submission for the session is eligible. The work presented may be part of a larger collaborative effort, but the student should have the principal responsibility for the conceptualization and design of the research, collection and analysis of data and interpretation of results. Only single-authored papers are eligible. Entrants cannot have completed defense of the doctoral dissertation before the preceding ABS annual meeting (July 2002) and an individual can enter the Allee Symposium only once per lifetime.

To enter: Students must indicate their desire to be considered for the symposium by checking the appropriate box on the abstract submittal form for the annual meeting, submit a written version of their paper which includes their addresses, telephone numbers and e-mail addresses, fill out a signed and dated form indicating that they meet all eligibility requirements (to be supplied to entrants after receipt of their written papers), present a spoken version during the 2002 Annual Meeting, attend both the Allee welcoming dinner on the evening before the symposium day, and attend the banquet during the Annual Meeting. The spoken portion of the symposium is limited to 18 students. If more than 18 students enter, the Allee Judges will select the best 18 submitted papers for the spoken paper session and further eligibility. Four (4) copies of a written version of no more than 7 double-spaced text pages and no more than a total of 4 tables and/or figures (this limit does not include abstract, references or acknowledgments) must be received by ABS 2nd President Elect, Dr. Ken Yasukawa, Department of Biology, Beloit College, 700 College St., Beloit, WI 53511 USA. Email: yasukawa@beloit.edu by the due date for submission of abstracts for the annual meeting. **THOSE INTERESTED IN THE AWARD SHOULD BE SURE TO CHECK THE DEADLINE DATE FOR ABSTRACT SUBMISSIONS FOR PAPERS AT THE ANNUAL MEETING.** If significant new results arise after submission, students may submit a one page addendum to their papers up to 30 days before the first day of the Annual Meeting. Questions should be addressed to Ken Yasukawa, yasukawa@beloit.edu

CALL FOR RESOLUTIONS

Resolutions which deal with timely and substantive political or social issues that members wish to submit for the consideration of the ABS membership should be submitted by 15 May 2003. Submitted resolutions should provide direction to the ABS President to facilitate prompt action and will be evaluated by the Public Affairs Committee for appropriateness. Resolutions will be voted on at the annual business meeting in Boise. Approved resolutions reflect the views of the Animal Behavior Society membership and are sent to the appropriate external agencies, organizations or to the general public. Send resolution proposals to Jill Mateo, Chair of the ABS Public Affairs Committee, Psychology Department, Cornell University, Ithaca NY 14853-7601 or electronically to jmm52@cornell.edu.

ABSnet
**THE ELECTRONIC MAIL NETWORK OF THE
ANIMAL BEHAVIOR SOCIETY**

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 (eg. 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. The digest or newsletter does not replace the official Society hardcopy newsletter sent to all Society members via regular mail. To SUBSCRIBE go to: <http://www.animalbehavior.org/ABS/Announcements/> click on the Subscribe/Unsubscribe link under ABSNet and fill out the web based form. Links to Post an article or view the archives are also available. Questions? Let me know! James C. Ha, University of Washington jcha@u.washington.edu.

Meetings

**ANNUAL MEETINGS
ANIMAL BEHAVIOR SOCIETY**

2003: 19-23 July at Boise State University in Boise, ID

2004: 12-16 June in Oaxaca, Oaxaca, Mexico

2005: 6-10 August at Snowbird Ski Resort, UT

Please see ABS website for details

2003 Annual Meeting at Boise State University, Boise, Idaho

*Please join us for the 40th Annual Meeting of the
Animal Behavior Society
July 19-23, 2003 at
Boise State University*

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

Abstracts and early registration
due by **May 2, 2003**

When: The meeting will begin with a free welcoming reception on Saturday evening, July 19 and continue through the closing banquet Wednesday night, July 23, 2003.

Where: The meeting will be held on the Boise State University campus in Boise, Idaho, situated along the tree-lined banks of the Boise River and within walking distance of cozy downtown Boise and numerous city parks and activities. Meeting events will take place in the Student Union Building (SUB), a full service conference center. The Boise State University campus is just 3 miles from the Boise airport, so the trip to campus via taxi is an easy one (around \$10 to the residence halls)! The airport is serviced by most major airlines and also offers rental cars, and some hotels provide airport shuttle service (see ABS web page for details). There will be a direct shuttle service to the SUB and residence halls from noon until about 7 pm on Saturday via Boise State University vans.

Hosts: The meeting is hosted by the Boise State University Department of Biology. Jim Belthoff (jbeltho@boisestate.edu) and Al Dufty (adufy@boisestate.edu) are co-Chairs of the local organizing committee and are being assisted by a dedicated local committee and university conference service staff. We invite everyone to visit Boise this summer for a productive annual meeting, perhaps combined with an Idaho family vacation.

Registration and Housing Reservations: Early registration and housing reservations will be accepted via the ABS web page (<http://www.animalbehavior.org/ABS/Program>) beginning in February 2003. Comfortable housing is available in Boise State University residence halls for a very modest fee (see below) as well as in local hotels where blocks of rooms have been reserved (see ABS web page for local hotel contact information and rates). Residence halls are a short walk from the SUB and dining facility. An inexpensive cafeteria-style meal plan (breakfast and lunch each day) will be available in the SUB dining facility (Table Rock Cafe), which offers all-you-can-eat style dining complete with a generous salad bar, choice of entrees, dessert features, and more. The dining hall is adjacent to meeting rooms and thus offers convenient access before and after scientific sessions as well as a relaxed atmosphere for social dialogue. A walk-in rate for individual meals in Table Rock Cafe also is available. Finally, the SUB offers other fast food options as well as a Moxie Java coffee bar and internet cafe, and there are a variety of restaurants close to campus or within walking distance in downtown Boise.

Opening and Closing events: On Saturday night (7/19) there will be a free opening picnic at Zoo Boise with food and drinks. Tickets will be available for the closing banquet (7/23) in downtown Boise, which will include a cocktail hour, full dinner, and live music during the meal. There are numerous bars and clubs within walking distance of the banquet venue, where you can dance and socialize after the banquet.

Pachanga Latina: The ABS Latin American Affairs committee will once again be hosting a fund-raising party, the "Pachanga Latina" on Tuesday evening (7/22). Come join us for Latin food, drinks, dance music and door prizes. Proceeds and donations will contribute toward travel awards to allow greater participation by students from Latin America at the ABS meetings.



Bring your family!!: Boise, the capitol city, is located in southwestern Idaho along the banks of the Boise River and is set against a beautiful backdrop of Rocky Mountain foothills. Known as the City of Trees, Boise is in a land of incredible variety. To the south are rich farmlands, a rugged high mountain desert, North America's tallest sand dunes, and the famous Snake River Birds of Prey National Conservation Area. To the north are National Recreation Areas, numerous National Forests, expansive Wilderness Areas, whitewater rivers, and mountain lakes, which provide outstanding kayaking, rafting, fishing, hiking, camping, mountain biking, bird watching, and other activities. Although Boise is the largest metropolitan center between Portland and Salt Lake City, it still has a distinctive small town appeal with a vibrant downtown and outdoor culture. Weather should be perfect in July with hot days, low humidity, and cool nights.

Aside from the natural wonders of Idaho, Boise also offers an abundance of entertainment opportunities for meeting participants, spouses, and families. These include the Peregrine Fund and World Center for Birds of Prey, Idaho Historical Museum, Idaho Botanical Garden, Boise Art Museum, Discovery Center of Idaho, Morrison-Knudsen Nature Center, Zoo Boise, Horse Racing at Les Bois Park, Boise Hawks baseball, Idaho wine country, Idaho Shakespeare Festival, Boise River Tours, and many other activities, several of which are within walking distance of campus. Also on the campus of Boise State University is the Morrison Center for the Performing Arts, a state-of-the-art and prestigious performance facility that hosts acts of national and international appeal.

Child Care will be available either in local private facilities that accept drop-ins or through the Boise State University child development center. Please watch the meeting web page for details, as some pre-meeting coordination with those interested will be required. Contact Ian Robertson (iroberts@boisestate.edu) should you know your needs at this point.

SCIENTIFIC PROGRAM

We have an exciting schedule planned, including a Keynote Address by Dr. Ken Dial (University of Montana; <http://biology.dbs.umt.edu/dbs/dial.htm>), a Fellows Lecture by Dr. Peter Narins (UCLA; <http://www.bri.ucla.edu/faculty.cfm?FacultyKey=400>), a Distinguished Animal Behaviorist lecture by Dr. Richard Alexander (University of Michigan – Emeritus; <http://insects.ummz.lsa.umich.edu/rda.html>) and three symposia (see below). For the latest details on planned scientific activities, keep an eye on the Meeting web site, where details will be posted first as they are finalized. Updates will also appear via ABSnet.

Symposia

- “Mechanisms of behavioral switching” Organizer: Dr. Zen Faulkes, Department of Biology, University of Texas – Pan American
- “Animal Behaviour Career Choices” Organizers: Dr. Jennifer A. Mather, Department of Psychology & Neuroscience, University of Lethbridge, and Dr. Steven Zawistowski, Vice President and Science Advisor, ASPCA
- “Behavioral phenotypes in context: integrating physiological, ecological and evolutionary perspectives– a symposium in honor of Hugh Dingle” Organizer: Dr. Roy Caldwell, University of California-Berkeley

Abstract Submission: Beginning in February 2003, abstracts will be accepted via the ABS web page (<http://www.animalbehavior.org/ABS/Program>). **Abstracts are due by midnight, May 2, 2003.**

REGULAR CONTRIBUTED TALKS will be 15 min. in length with 12 min. for presentation and 3 min. for discussion. Slide projectors (standard 2x2), overhead transparency projectors, and video projectors will be available. However, the local committee requests that you prepare your presentations for computer projection using Microsoft PowerPoint 2000 (or an earlier version), as PC-based computers (running Windows) and projectors will be available in each session room. No personal computers will be accommodated, and speakers should bring their presentations on CDs, so that files can be transferred to the local computers for projection. Please see the meeting web page beginning in May for precise directions about formatting media for talks or contact Ian Robertson (iroberts@boisestate.edu).

POSTER PAPERS are highly recommended as they can facilitate discussion, perusal of data and one-on-one exchanges of ideas. Two main awards will be given: The **FOUNDERS AWARD** will be given for the best poster paper at the Annual Meeting. The **GENESIS AWARD** will be given for the best poster paper presented by an undergraduate student. Please see the meeting web page for poster specifications.

ALLEE AWARD: The W.C. Allee Award will be presented for the outstanding student paper at the Meeting, and is judged on the basis of a 30 min. talk and a written manuscript. Any independent research that is largely unpublished by the submission deadline is eligible for this award, provided that the student has not competed before and has not completed the final defense of a doctoral dissertation before June 2002. Each paper must have a single author. To compete, you must register and submit an abstract and a pdf version of your manuscript via the WWW **no later than May 2, 2003**. Questions? Contact Dr. Ken Yasukawa (yasukawa@beloit.edu).

Registration and Residence Hall Housing Information

*40th Annual Animal Behavior Society Meeting (July 19-23, 2003)
Boise State University, Boise, Idaho*

All registration will be via the ABS web page: <http://www.animalbehavior.org/ABS/Program/> beginning in March 2003. Updates concerning the information below will be placed on the web page as it becomes available..

	<u>On/Before 2 May 2003</u>	<u>After 2 May 2003</u>
Registration:		
ABS Member registration	\$170	\$220
ABS Student or Dev. Nations Member	\$95	\$125
Non-member registration	\$220	\$270
Guest registration	\$70	\$100
Closing Banquet (Wed. evening)	\$30	\$35
Pachanga Latina (Tues. evening fund-raiser)		\$11 / \$9 (student)
T-Shirts with Meeting Logo		\$15
Meal Plan		
Cafeteria-style meal plan (Table Rock Café, located in the Student Union Building) Breakfast and Lunch each day package (Sun. - Wed.)		\$38
Residence Hall Accommodations		
Double Room (arrive Sat. - leave Thurs. 7/19-7/24)		\$80 per person
Double room on Friday night also (7/18)		\$16 per person
Single Room package (arrive Sat. - leave Thurs. 7/19-7/24)		\$115
Single room on Friday night also (7/18)		\$23

***** See ABS web page for Hotel Accommodations - participants will be responsible for contacting hotels for reservations but mention the Animal Behavior Society for conference rates*****

Registration must occur over the Web on the ABS web page. Early registration will be available beginning in March 2003. Please see <http://www.animalbehavior.org/ABS/Program/> for details.

MEETINGS, CONTINUED

XXVIII INTERNATIONAL ETHOLOGICAL CONFERENCE - August 20-27, 2003 Florianópolis, SC – BRAZIL

On behalf of the International Council of Ethologists and the Brazilian Society of Ethology, it is our great honour to invite you to come to Florianópolis, Brazil to participate in the 28th International Ethological Conference. The meeting will be held from August 20th to the 27th 2003, at Costão do Santinho Resort, which has excellent facilities to host our scientific and social meetings. The Resort is placed at a pleasant beach with magnificent sightseeing.

Three forms of presentations are available: spoken papers, poster talks, and posters. If you wish to contribute to a symposium/round-table, you must either contact a convener directly or submit a proposal as a convener yourself (see instructions on submitting a symposium/round-table proposal). To contribute a paper in any category, as first author, you must register and pay conference fees by February 20th 2003 and submit an abstract by the deadline (also February 20th 2003). Accompanying persons cannot present papers.

For more information, go to www.iec2003.org. This homepage brings basic information about the meeting and a special invitation to you. We are sure that after the meeting you will take back some wonderful memories.

ANNOUNCING INTERNATIONAL SOCIETY FOR ANTHROZOOLOGY ANNUAL MEETING AND CALL FOR PAPERS

THE 12th annual meeting of ISAZ will take place at the new conference center of the Kent State University Stark Campus, Canton OH, August 15-16, 2003. ISAZ is a multi-disciplinary scholarly society focusing on the study of the human/nonhuman animal bond. The theme will be "The Social Lives of Animals: Human/Nonhuman Cognition, Interactions, Relationships". Both theme and non-theme presentations and posters will be considered. Details about the theme, Call for Papers (abstracts are refereed and are due by March 31), and information about the area can be found at <http://www.vetmed.ucdavis.edu/CCAB/ISAZ.htm>.

Registration details should be available by Feb. 15. Nature in Legend and Story will be meeting just prior to ISAZ, at the same facility, on August 13-14. Information about that conference can be found at <http://www2.h-net.msu.edu/~nilas/> For further information about either conference, please contact Penny Bernstein, Kent State University Stark, 6000 Frank Avenue, Canton, OH 44720, pbernstein@stark.kent.edu.

INVITED POSTER SESSION, 2003 Annual Meeting -- Educating in Animal Behavior. Members are invited to submit posters for a special grouping at the 2003 annual meeting at Boise, ID. Posters should focus on animal behavior education in a broad sense -- in the classroom, in

the field, in the zoo, involving undergraduates, teachers, K-12 students, grad students, media representatives, etc. Ideas should be submitted to Penny Bernstein (pbernstein@stark.kent.edu) or Mary Crowe (crowe@coastal.edu) for review. Only 12 spots will be available, so please submit as early as possible. Because posters for this session are invited, participants will be able to present one additional oral paper or poster on their disciplinary research at the meeting.

2003 AIBS ANNUAL MEETING, BIOETHICS IN A CHANGING WORLD

Register at www.aibs.org/meeting2003

The American Institute of Biological Sciences is a nonprofit 501(c)(3) scientific association headquartered in Washington DC, with a staff of approximately 30. It was founded in 1947 as a part of the National Academy of Sciences and has been an independent organization since the mid-1950s, governed by a Board of Directors elected by its membership. The AIBS membership consists of approximately 6,000 biologists and 80 professional societies and other organizations; the combined individual membership of the latter exceeds 240,000 biologists. AIBS is an umbrella organization for the biological sciences dedicated to promoting an understanding and appreciation of the natural living world, including the human species and its welfare, by engaging in coalition activities with its members in research, education, public policy, and public outreach; publishing the peer-reviewed journal, *BioScience*; providing scientific peer review and advisory services to government agencies and other clients; convening scientific meetings; and performing administrative and other support services for its member organizations. Website: www.aibs.org.

CHEMICAL SIGNALS IN VERTEBRATES 10

July 29-August 1, 2003, Oregon State University,
Corvallis, Oregon.

CALL FOR ABSTRACTS

Early Registration **Deadline June 15th, 2003**

The conference will cover topics related to chemical signaling in vertebrates. Topics will be wide ranging with representation from all the major vertebrate groups and include behaviors mediated by pheromones, chemical ecology, natural products chemistry, and the neurophysiology of chemoreception among others. The goal is to bring together researchers with wide-ranging interests in all aspects of behavioral interactions involving any of the chemical senses, odors and olfactory cues. Behavioral biologists, psychologists, chemists, ecologists, molecular and neurobiologists are all enthusiastically welcome. This is a small (200 people) and informal meeting with plenty of time to get to know the attendees. There will be both oral presentations and poster sessions and graduate students are encouraged to attend. The proceedings of this conference will be published as the

tenth volume of the series, Chemical Signals in Vertebrates.

For further information on the preliminary program, abstract submission and registration, please go to our website <http://conferences.oregonstate.edu/csv10> or contact the conference organizer, Bob Mason, at masonr@science.oregonstate.edu for questions relating to the scientific aspects of the conference. For questions relating to the logistics, registration, travel, etc. please contact Jamie LeGore at jamie.legore@orst.edu

CALL FOR PAPERS
SPECIAL ISSUE OF VISUAL STUDIES:
"LOOKING AT ANIMALS, LOOKING AT
SOCIETY"

Guest Editors: John Grady (Sociology, Wheaton College, MA) & Jay Mechling (American Studies, the University of California, Davis)

The guest editors for this special issue of the journal, Visual Studies, are looking for illustrated essays (25-30 pp., including notes) that examine some aspect of the relationships between humans and animals, with a special emphasis on the ways visual evidence can enhance our understanding of their relationships. Just as John Berger's classic essay, "Why Look at Animals?" (1980), sees our gaze at animals as revealing what it means to be human and social, so we intend the essays in this special issue to reveal how looking at animals amounts to looking at our societies and cultures. We welcome submissions from any disciplinary perspective.

Intellectual concern with mapping and analyzing the significance of our relationship with other animals is in great part an outgrowth of the environmental movement, animal liberation, and other social reform movements. It is, however, also part of a wide ranging rethinking of humanity's place in nature that links such unlikely bedfellows as Darwinian social science, radical feminism and epidemiology, to mention just a few. Historians, folklorists, sociologists, anthropologists, psychologists, literary critics, and arts critics have all witnessed an explosion of books, journals and professional meetings devoted to exploring various aspects of what relations between humans and animals are like, and how they might -- and should -- be evolving.

Image-based research can play a very important role in this growing concern with exploring our relationships with other animals and the issues that they raise. This research may be based on the analysis of how animals are represented in cultural materials; visual ethnographies of how humans and other animals inhabit shared worlds and more abstract ways of visualizing these relationships, to mention just a few of the possible ways that traditional and new modes of visual representation can be used to investigate how a society is organized and a culture constructed. One of the major contributions of the new visual turn in social research and analysis is to make visible that which taken-for-granted assumptions -- like the one that says that human society can be studied apart

from its relationships with other animals -- has rendered invisible.

Initial inquiries may be directed to John Grady (jgrady@wheatonma.edu) or to Jay Mechling (jmechling@ucdavis.edu). Manuscripts (4 copies) should be sent to John Grady, Hannah Goldberg Professor of Sociology, Wheaton College, Norton, MA 02766. USA. Electronic submissions are welcome. Deadline for submissions is **April 15th, 2003**

SOCIAL AND CULTURAL EVOLUTION:
COMPARISON AND INTEGRATION

August 23-27, 2004,
XIX International Congress of Zoology, Beijing
CALL FOR SYMPOSIUM PARTICIPANTS

Rationale: Last 2-3 decades have seen an increasing unification of several major disciplines by evolutionary theories, especially Darwinian natural selection. A large body of evidence, from social insects to great apes and humans, has been accumulated about how societies and cultures form and evolve, in response to socio-ecological conditions. Researchers in other fields such as anthropology, psychology and sociology, may not necessarily agree with zoologists' interpretation about these findings. Therefore, it is high time for us to come together to compare our researches and views for a general, integrative understanding about the patterns and rules underpinning the processes of social and cultural evolution.

Format: Conference presentation and group discussion, depending on the number of participants. Emphasis is on comparison and integration. Thus we cordially invite and welcome all zoologists, anthropologists, psychologists, sociologist or any researchers who are interested in the issue.

Contact: Lixing Sun, Department of Biological Sciences, Ellensburg, WA 98926-7537 USA
Email: lixing@cwu.edu Phone: 509-963-2780

Please recommend potential participants or pass the announcement to whoever you feel would be interested. Thank you!

THE RELATIONSHIP SYSTEM AND
INDIVIDUAL VARIATION IN FUNCTIONING: AN
INTERDISCIPLINARY DIALOGUE

This third conference on individual variation brings together presenters from anthropology, endocrinology, biology, ecology, family theory and research, psychology, ethology, human physiology, neuroscience, and epidemiology. The common denominator is an evolutionary perspective and an interest in relationship systems. Natural scientist speakers are: Jeanne Altmann, Bruce Cushing, Mark Flinn, Jeffrey French, Barbara King, Michael Lumpkin, Janet Mann, Martha McClintock, Anne Pusey, Barbara Smuts and Stephen Suomi. The goal is a lively exchange of information and theoretical explanation of individual variation in functioning in a way that will further understanding.

Presentations will be brief to allow ample time for dialogue, questions, and comments.

WHO TO CONTACT: For a brochure and further information contact Marjorie Hottel, Bowen Center for the Study of the Family, phone 1-800-432-6882 or 202-965-4400, mhottel@thebowencenter.org Fax: 202-965-1765. www.thebowencenter.org

OPPORTUNITIES

The Secretary reminds you that a time lag exists between my receipt of advertisements and the publication of the Newsletter. Positions listed here may already be filled. Please contact those offering opportunities before applying.

POST-DOCTORAL TRAINING IN POPULATION ECOLOGY - AUBURN UNIVERSITY HAS A POSTDOCTORAL POSITION AVAILABLE to work on the evolution of litter size in Columbian ground squirrels in the Rocky Mountains of Alberta, Canada. A substantial field period (about 4 months each year) at a remote field station will be followed by 8 months on campus. Commitment to a long-term (4 year) research program is desirable. This NSF-funded position is available starting on or after January 1st, 2003. A Ph.D. in evolutionary or population biology and research experience in behavioral ecology and life-history evolution are required. Field experience in behavioral observation, live-trapping, and handling of small mammals in mountain environments is also desirable.

Applications from women and minorities are encouraged. Please send a letter of interest, curriculum vitae, reprints, and the names of three references (with addresses, e-mail addresses, and telephone numbers) to: Dr. F. Stephen Dobson, Department of Biological Sciences, 331 Funchess Hall, Auburn University, AL 36849-5414 Phone: 334-844-9252. FAX: 334-844-9234 e-mail: fsdobson@msn.com

Auburn University is an equal opportunity/affirmative action employer, and employs individuals who are authorized to work full-time in the U.S.A.

ANIMAL BEHAVIORAL MANAGEMENT SPECIALIST - Yerkes Regional Primate Research Center, in connection with Emory University, is now accepting applications for an Animal Behavioral Management Specialist. The chosen candidate will assist in behavioral research designed to evaluate environmental enrichment. This individual will collect observational data for enrichment studies, assist in planning and scheduling of research procedures, record results of studies, compile and analyze data, and prepare charts and graphs for assessment/publication. All applicants must have at least four years of relevant post-high-school education, as well as two years of experience working with animals. Candidates with bachelor's degrees in Psychology, Zoology, Biology, or Anthropology are strongly preferred. The selected candidate will have

strong oral and written communication skills, as well as the ability to work independently and in collaboration with a wide variety of personnel. Excellent time management and organizational skills are a must. Interested applicants should include posting # 136232 as a reference when sending letters of interest and resumes to Emory University, Attn: Employment Services, 1762 Clifton Road N.E., Atlanta, GA 30322. All potential applicants are highly encouraged to apply online at www.emory.edu.

CALL FOR 2003-04 RESEARCH PROPOSALS EARTHWATCH

The Research Program at Earthwatch invites proposals for 2003-2004 field grants. 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, botany, and resource and wildlife management. Interdisciplinary projects are especially encouraged as is multinational collaboration. Information can be found at <http://www.earthwatch.org/research/> or you can contact us at 3 Clocktower Place Suite 100 Box 75 Maynard MA 01754-0075 Phone: 800 776-0188 ext 214, 978 461-0081 ext 214 Fax: 978-461-2332

NOTICE! For additional funding source information see <http://www.animalbehavior.org/ABS/Grants/>

ANNOUNCEMENTS

RESEARCH GRANT AWARD CONTRIBUTORS - The Animal Behavior Society and the Development Committee in particular would like to take this opportunity to thank the members of the Society who contributed to our 2000 request for contributions to our Research Grant Awards fund and made it possible for 22 awards to be made this year from a total of 105 applications. The ABS Research Grants provide needed financial assistance to our graduate student members. These modest awards can be used to fund a small project, to provide seed money while seeking long-range financing, or as supplemental funding for a large project. On occasion they have been the key that unlocks the research career of a talented animal behaviorist. Some of the contributions to the fund were modest, some were extremely generous, but all were sincerely appreciated. The award recipients, the Society, and the Development Committee express our gratitude to the following members for their contributions to the 2000 Awards fund:

Susan Alberts, John Alcock, Janet Berger-Cohn, Elizabeth Bowdan, H. Jane Brockmann, John P. Capitanio, Mark A. Chappell, Cari D. Cheney, Anne B. Clark, Shirley L. Davis, Frans De Waal, Alfred M. Dufty, Lee Ehrman, Roy Fontaine, Debra Forthman,

Carl Gans, Judith R. Gibber, Michael D. Greenfield, Benjamin L. Hart, Diana K. Hews, Laurie Hiestand, Robert G. Jaeger, Jeff E. Klahn, Rosemary Knapp, Astrid Kodric-Brown, Masakazu Konishi, Stan Kuczaj, Steven L. Lima, Jeffrey R. Lucas, Martha A. Mann, Colleen McDonough, Roger L. Mellgren, Neil A. Mercado, David B. Miller, Peter Moller, James J. Moore, Douglas W. Morrison, Dietland Muller-Schwarze, Arthur A. Myrberg, Peter M. Narins, Richard E. Phillips, Diane M. Post, Laurene Ratcliffe, Ronald L. Rutowski, Michelle Pellissier Scott, Paul and Cindy Sherman, Suzette Tardif, George W. Uetz, John Vandenberg, Jonathan K. Waage, Jeffrey R. Walters, Douglas Wartzok, Gerald S. Wilkinson, Susan Woelzl, John C. Wright, Marlene Zuk, Anonymous (2)

ARE YOU AN AUTHOR OR EDITOR of a book related to animal behavior? If so, we would like to list it on the ABS Books by Members web page (http://www.animalbehavior.org/ABS/Stars/Books/abs_books_display.phtml). Listing your book is quick and easy! And remember, if the book is still available, there is a direct link to Amazon.com from the web site for interested buyers (and ABS earns up to 5% from purchases made through this link). Send the following information to Jill Mateo (jmm52@cornell.edu): Author name(s), book title, publication year, publisher, number of pages, ISBN number (specify whether for hardcover or paperback), and a brief abstract of the book.

SPOTLIGHT YOUR RESEARCH: Has your research or teaching been featured in print, on TV or on the web? ABS posts such information at our website: <http://www.animalbehavior.org/ABS/Stars/>. Let other members - and visitors to our site - know about your work by posting it at the site or by sending the information to Jill Mateo (jmm52@cornell.edu).

SENATE SHUNS BIOLOGY WHEN HANDING OUT NSF RESEARCH FUNDS – AGAIN - The long road to a completed budget for FY03 appears to be coming to a close, although the final chapter may not be a pleasant one for biologists. Due to the convoluted process the Senate used to introduce and pass the omnibus appropriations bill, there was no committee report filed (reports aren't filed on amendments). However, Appropriations Committee Chairman Sen. Ted Stevens (R-AK) filed what would have been the committee report as an item in the Congressional Record. It is the committee report that has laid out the division of research funds among the disciplinary directorates, including the Biological Sciences Directorate (BIO). As it turns out, history repeated itself and the Senate again chose to distribute the bulk of the increase to the other directorates. The only increase granted to BIO was a \$10 million boost, to a total of \$85 million, for the Plant Genome Research project. That boost earned BIO a 3.9% increase over FY2002 levels. All other directorates, however, received increases between 10.1% and 18.4%.

This unequal distribution of funds comes counter to that requested by many biological societies (including AIBS, FASEB, the Ecological Society of American, American Society of Plant Biologists and the American Society for Microbiology) last summer when the Senate first left BIO out of the generous increase to NSF Research. Biologists weren't the only group to voice their concern, however. The Coalition for National Science Funding, a group of over 90 organizations representing the many disciplines of science and technology, wrote to congressional appropriators last fall and asked that "all research directorates at the NSF share in any increase above the President's request". (Biologists concerned about the level of funding for the BIO Directorate should contact members of the House and Senate Appropriations Committee **immediately**. Contact AIBS Director of Public Policy, Adrienne Froelich (afroelich@aibs.org), for further information and suggested talking points.)

NATIONAL ACADEMIES PRESIDENTS SAY HURDLES TO THE ENTRY OF FOREIGN SCIENTISTS ARE HAMPERING US SCIENCE - The presidents of the National Academy of Sciences, the National Academy of Engineering and the Institute of Medicine released a joint statement on December 13 warning that current visa restrictions are interfering with U.S. science and engineering contributions to important national needs. The statement cautions "recent efforts by our government to constrain the flow of international visitors in the name of national security are having serious unintended consequences for American science, engineering and medicine" and urges the U.S. government to take prompt action.

Citing several examples of cancelled international conferences and hampered ongoing research collaborations, the presidents urged the U.S. Department of State to reexamine its current policies. Obtaining visas has been one of the most serious problems for international collaboration. Part of the difficulty in obtaining those visas is due to post-September 11 regulations that make consular officials criminally responsible if they grant a visa to someone who subsequently commits a terrorist act in the United States. In their statement, the presidents proposed several new procedures that could streamline the process without compromising security such as instituting a special visa category for established scientists, engineers and health researchers. They also noted that the U.S. research community could assist consular officials by providing appropriate documentation for those foreign citizens who are engaged in collaborations with U.S. scientists and engineers.

The statement warns that these new barriers to international scientific collaboration could cause problems outside of the scientific arena by hampering U.S. efforts to harness international cooperation for counterterrorism. "The U.S. scientific, engineering and health communities cannot hope to maintain their present position of international leadership if they become isolated from the rest of the world.