



NEWSLETTER

Animal Behavior Society

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A quarterly publication

Stephen M. Shuster, Secretary

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MISSING ISSUE

Due to circumstances beyond the control of the Secretary and the ABS Central Office, the May 2001 issue of the ABS newsletter was neither posted on the ABS website, nor mailed to subscribers. We are sorry for any inconvenience this difficulty may have caused. The content of the current August issue and the May issue are combined below.

CANDIDATES FOR 2001 ELECTION OF OFFICERS

The following persons have been nominated as candidates for ABS offices. The election ballot will appear in the November 2001 Newsletter and terms will begin following the annual meeting in 2002.

Second President-elect:

Ken Yasukawa, Beloit College
Judy Stamps, University of California, Davis

Secretary:

Linda S. Rayor, Cornell University
Molly R. Morris, Ohio University

Member-at-Large

Geoffrey E. Hill, Auburn University
Hugh M. Drummond, Universidad Nacional
Autónoma de México

Additional nominations may be made by letter to the 2001-02 Nominating Committee Chair, Andy Sih, Department of Environmental Science and Policy, UC, Davis, CA 95616 USA. Nominations must be signed by five or more ABS members in good standing (ABS Constitution, Article 8, Section 2) and must be received by 1 October 2001.

Note: Ballots may be cast by email after 1 November 2001. See the November ABS Newsletter for details (posted first at <http://www.animalbehavior.org/ABS/Newsletters/Directory/dir.htm>.)

2001 ANIMAL BEHAVIOR SOCIETY STUDENT RESEARCH GRANT AWARDS

The Animal Behavior Society is pleased to announce the awardees of the 2001 Animal Behavior Society Research Student Grants. As in recent years, the quality of proposed research represented in the 96 proposals was impressive, and like past Research Award chairs, I was encouraged about the future of our field.

As in recent years, we had \$15,000 in Society funds to award in the form of ten (10) \$1000 grants and ten (10) \$500 grants. In addition, as many of you do not know, I was married this March to a fellow ABS member, Renee Robinette, and in lieu of wedding gifts, we asked for donations to the ABS Research Grant program. To date, the Central Office has received over \$950 in wedding gifts from our wonderful friends and family. Thus, Renee and I decided to award two additional \$500 grants this year. Thus, there are 22 awardees this year, and their names and research project titles appear below.

Each of the 96 original applicants will receive a review of their proposal in the coming weeks. I would like to thank the reviewers who did a wonderful job in scrutinizing these proposals, writing reviews, and helping me to make the final decisions (in no particular order): Arla Hile, Eileen Lacey, Caldwell Hahn, Shelley Adamo, Bruce Schulte, Scott Forbes, Steve Nowicki, Kaci Thompson, Scott Sakaluk, Ann Hedrick, and my beautiful bride, Renee Robinette Ha. The assistance of Steve Ramey and Shan Duncan of the Central Office at Indiana University was, as always, indispensable, and they receive a big thanks both for setting up our Wedding Fund and easing the administrative tasks involved in this award process.

James C. Ha
Senior Member-at-Large
Chair, 2001 Student Research Grant Committee
University of Washington

\$1000 Awards:

- Krakauer, Alan H.* Cooperation and conflict within reproductive coalitions of wild turkeys.
- DuVal, Emily.* Cooperative display behavior in the lance-tailed manakin (*Chiroxiphia lanceolata*).
- Beebee, Martin D.* The function of multiple signals in avian vocal communication.
- Yeh, Pamela.* Evolution following invasion of a novel habitat: Measuring natural and sexual selection.
- Martin, Lynn Bloxom.* Testosterone-induced immunosuppression in Galapagos marine iguanas: obligatory or condition-dependent?
- Stone, Anita.* Comparative study of the feeding ecology of juvenile and adult squirrel monkeys.
- Bell, Alison M.* Effects of an endocrine disrupter on the development of behavior in three-spined stickleback (*Gasterosteus aculeatus*).
- Siefferman, Lynn.* Plumage coloration as an honest signal of male quality in Eastern Bluebirds.
- Spritzer, Mark D.* Scramble competition for mates among meadow voles (*Microtus pennsylvanicus*).
- Styrsky, John Daniel.* Control of migration in an intratropical migrant, the Yellow-Green Vireo.
- Earley, Ryan L.* To see or not to see: does previewing a future opponent affect the contest behavior of green swordtail males?

\$500 Awards:

- Ginzel, Matthew David.* Chemical ecology of cerambycid beetles: A search for patterns.
- Safran, Rebecca Jo.* The role of individual decisions in forming population-level patterns: female reproductive strategies and variation in group size of barn swallows.
- Marshall, Vincent.* Does contextual dependence of call alternation behavior imply different functions for signal-timing in the Gray Treefrog, *Hyla chrysoscelis*?
- Gillies, Cameron Scott.* Land cover change and bird movement in the tropical dry forests of Costa Rica.
- McColgin, Maureen Elizabeth.* Mating system of coatis (*Nasua narica*): Is inbreeding avoided?
- Gunnels, Charles W.* The role of ecological constraints in predicting the reproductive strategy of *Mischocyttarus mexicanus* (Hymenoptera: Polistes) females.
- Moscovice, Liza Rose.* When West meets East: Exploring the sources of behavioral variation in chimpanzees (*Pan troglodytes*).
- Bridge, Eli.* Is "redundant" primary molt in Caspian Terns a sexually selected indicator of quality?
- Shier, Debra M.* Development of anti-predator behavior in the prairie dog (*Cynomys ludovicianus*) as it applies to reintroduction strategies.

- Hayes, Loren Donald.* Does communal nesting and nursing improve the reproductive fitness of *Microtus ochrogaster* under food restriction?
- White, Corwith.* Elk management influences on ravens in northwestern Wyoming.

ABS DEVELOPING NATIONS GRANT

The winner of the Developing Nations Grant Research Award for 2001 is *Mr. Fabio Jose Viana Costa* (Dept. Zool., Universidade de Brasilia, Brazil). Congratulations and thanks to Shelly Adamo and selected referees for administrating this award.

LATIN AMERICAN TRAVEL AWARDS

Recipients of Latin American Travel Awards for 2001:

Oscar Rios Cardenas
Andrei Polejack
Vivian Mendez Alvarez
Luis Mendoza-Cuenca

Each has received \$200 US to help offset travel and housing costs associated with attending the Corvallis meeting.

Thanks to Patricia Schwagmeyer, who stepped in to administer this award when the extended deadline conflicted with Shelly Adamo's less flexible maternity deadline.

ABS DIVERSITY AWARDS

Recipients of the ABS Diversity Awards for 2001:

Paz A. Aguilar
Juliana Bosi de Almeida
Vivian Mendez Alvarez
Marina F. Amaral
Lelena A. Avila
Marianna Otero Cariello
Kristen L. Field
S. Aki Hosoi
Danielle N. Lee
Luis Mendoza-Cuenca
Chioma U. Ngumezi
Andrei Polejack
Diana F. Perez-Staples
Amy Poopatanapong
Oscar Rios Cardenas
Anita Stone
Iris M. Velazquez

The Society arranged payment of their registrations for the Corvallis meeting. Thanks to Nancy Solomon for

administering the award and special thanks to Zuleyma Tang-Martinez, who matched member donations for a special fund drive, resulting in more than \$4,500 in donations to the Diversity fund. Consequently, we were once again able to fund all applicants and also build the endowment for future year awards.

2002 MEMBERSHIP RENEWALS

Renewal / Status forms for 2002 will be mailed to all active and lapsed members in early September. If you prefer not to wait, you may use the Application/Renewal form on the back of this newsletter or download a form from the ABS web site: <http://www.animalbehavior.org/ABS/Members/> You can renew online at the ABS website at: <http://www.animalbehavior.org/ABS/Members/>

W.C. ALLEE BEST STUDENT PAPER 2001

There were nine participants in the 2001 Warder Clyde Allee Student Paper Session at Oregon State University. A full audience and excellent presentations on diverse topics made for a lively session. The slides were particularly impressive. The judges (Anne B. Clark, Ann Hedrick, Chris Evans, Warren Holmes and Rich Buchholz) talked long and hard in choosing the two allotted awardees. The Allee Award Recipient was **Daniel J. Mennill** of Queen's University for his paper "Female black-capped chickadees eavesdrop on male song contests to make extra-pair mating decisions." He received \$250 from the Animal Behavior Society and \$650 in book certificates from the sponsoring publishers acknowledged below. **Andrea S. Griffin** received the Allee Honorable Mention and \$400 in book certificates. Her paper was entitled "Learning about predators: Mechanisms and applications." Book awards were generously provided by Harvard University Press, Oxford University Press, Princeton University Press, Sinauer Associates, University of Chicago Press and Academic Press.

FOUNDERS' POSTER COMPETITION 2001

There were 24 posters in the Founders Poster Session this year. The Founders' Poster Award went to **Bernard J. Brennan**, Cornell University for his poster, "Vibrational communication between adults and larvae in the paper wasp, *Polistes dominulus*". Honorable Mention Awards went to **S. Aki Hosoi** and **Stephen I. Rothstein**, University of California, Santa Barbara, for their poster "Factors affecting the frequency of song switching in male brown-headed cowbirds", and to **Michael P. LeMaster** and **Robert T. Mason**, Oregon

State University, for their poster "Pheromone variation among denning populations of red-sided garter snakes". The judges were Michael Beecher, University of Washington, Mary Mendonca, Auburn University, Peter Narins, UCLA, Patricia Schwagmeyer, University of Oklahoma, and Daniel Wiegmann, Bowling Green State University.

GENESIS AWARD FOR THE OUTSTANDING UNDERGRADUATE POSTER PRESENTATION 2001

Congratulations to the winners of the second annual Genesis Award for the most outstanding undergraduate poster presentation at the 2001 ABS annual meeting. There were two co-recipients of this award in Corvallis. The winners were **Patricia J. Eck**, **Jennifer Mayo** and **Jennifer H. Fewell** of Arizona State University for their poster, "Group size and task specialization in ant foundress associations," as well as to **Vincent A. Formica**, **Scott M. Ramsay** and **Elaina M. Tuttle** of St. Mary's College and Indiana State University for their poster, "Spatial correlates of reproductive behavior in the polymorphic white-throated sparrow."

OBITUARY Michael Cullen 1927 - 2001

*The Unsung Hero of a Golden Age in the Development
of Understanding of Animal Behaviour*

Mike Cullen, who has died in a car crash in Australia aged 73, had an extraordinary influence on the development of ethology, the biological study of animal behaviour. He was of the generation of Oxford ethologists that included Robert Hinde, Aubrey Manning and Desmond Morris, and he was in many ways the unsung hero of that golden age in the subject. The impact of his razor-sharp, quantitative, analytical mind came not from his own research publications, which were modest in number, but from the difference he made to those who worked with him as doctoral students or colleagues. Unusually, he was a scientist who put the development of others and of the subject as a whole ahead of his own career.

All of us who worked with Mike can recall how he would take our half-baked ideas, inadequately analysed data, or the hesitant beginnings of a mathematical model, and transform them into a polished gem. He would listen while eating his lunch from an old biscuit tin with a wire handle, one knee up, shoulders slightly hunched, rocking back and forth with absorption, hands fanned open and palms facing each other as if to grasp the issue under discussion. He would then rush off to a tutorial or lecture. But next day one would

receive a handwritten letter with the solution to the problem, some lines of algebra, embellished by an apt - and untranslated - quotation from Catullus or a comic verse made up by Mike himself to suit the occasion.

Mike hardly ever accepted co-authorship of publications, but the acknowledgements sections of key papers published between the mid-1950s and 1980s show the breadth and depth of his influence, as do the career successes of his students. He was the kind of academic that would be pruned out in the contemporary, publish-or-perish environment in universities. But if he had followed what is now the common practice of putting his name on all the papers of students and co-workers whom he had helped, he would have stood out as one of the most prolific ethologists of his time.

Mike was born in Bournemouth, but spent his first six years in India, where his father worked for the Bombay Company. Subsequently, together with his younger sister, he was brought up in England by a great aunt and educated at Marlborough College before going to Wadham College, Oxford, to read mathematics. He switched to zoology after the first year and graduated in 1952. His interest in natural history, and birds in particular, had been triggered in Kashmir in 1942. A few years before Mike graduated, the Dutch ethologist Niko Tinbergen had moved to Oxford to set up the Animal Behaviour Group. Tinbergen is generally regarded, alongside Konrad Lorenz - with whom he shared a Nobel Prize in 1973 - as one of the founding fathers of ethology.

Mike, with his interest in field biology, was naturally drawn to Tinbergen's group, and he completed his doctorate under Tinbergen on the behaviour of Arctic terns. Tinbergen sent Mike and a Swiss student, Esther Sager, who worked on kittiwakes, together to the Farne Islands, off the coast of Northumberland. Perhaps unsurprisingly to their peers, Mike and Esther not only both came away with D Phil theses, but, in 1954, married and were to have two children. They stayed in Oxford, where Mike was Tinbergen's right-hand man from 1956 to 1969 in the Animal Behaviour Research Group, which was funded by Nature Conservancy.

Ethology at that time had been developing, under Tinbergen's influence, from largely observational studies of the behaviour of animals in their natural environment or in semi-natural captivity, into an experimental and quantitative discipline. Cullen's role in shaping this research agenda at Oxford was crucial: partly because of his mathematical facility - which Tinbergen almost totally lacked; but also because of his extraordinarily quick intelligence and his generosity in deploying it for the benefit of others. Almost all the students who came through the Tinbergen group from the mid-1950s to the early 70s found their intellectual inspiration in Mike. To collaborate with him was

exhilarating. Everything happened at high speed, using rapidly improvised equipment, which cost nothing. Typical of his ingenuity was his method of plotting the three-dimensional coordinates of fish swimming in schools: simply photograph them in a bright shadow-casting light, and do the necessary trigonometry using the distance between each fish and its shadow.

When Tinbergen retired in 1974 from the chair in animal behaviour, Cullen, who in 1968 had become lecturer in psychology - and a fellow of Wadham - was seen by many as his natural successor. However, although his huge influence was acknowledged, his modest output of published research weighed against him. In 1977, Mike accepted an offer from Monash University in Melbourne, where he remained until he retired in 1993. While there, he dedicated much effort to preserving the penguins of Phillip Island, on which he also did much research: he considered his victory in this battle to be one of his greatest achievements.

Sadly, Mike and Esther separated after their move to Australia, but Mike later found happiness with Rita Krishovski. Mike was a warm-hearted, humorous and extraordinarily generous colleague, with an insatiable appetite and youthful enthusiasm for research. He was also a brilliant lecturer, and a model of what an Oxford tutor should be. Though a very private person, he would provide a sympathetic shoulder and a strong arm when a student or colleague came to him with private difficulties. Stories of his mild eccentricities abound: his party act of fire-eating; his habit of knitting in seminars to avoid wasting time with his hands; and taking binoculars to conferences, to scrutinise details of tables and graphs shown by speakers. Partly as a result of his casual dress and athletic appearance, he always looked much younger than he was. In seminars he was a formidable skeptic and questioner: if you could get your research past those quizzical eyebrows, you had nothing to fear from any audience in the world. We have lost a much-loved mentor who taught us how teaching should be.

Michael Cullen, ethologist, born December 14 1927; died March 23 2001.

John Krebs and Richard Dawkins

Tuesday April 10, 2001

The Guardian

NOTICE!

Issues of the ABS Newsletter are published *first* on the ABS Webpage. Hardcopies of the Newsletter are delivered by mail and may take weeks to arrive. To get ABS news *fast*, point your browser to:

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

DIRECTION OF CORRESPONDENCE

ABS Newsletter and general correspondence concerning the Society: Stephen M. Shuster, Department of Biological Sciences, Northern Arizona University, Flagstaff, AZ 86011-5640, USA. stephen.shuster@nau.edu. Deadlines are the 15th of the month preceding each Newsletter. The next deadline is **15 October 2001**. 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.

ABS OFFICERS

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

NEW INVESTIGATOR AWARD

Jeffrey Podos, University of Massachusetts, Amherst, was awarded the New Investigator Award for 2001 for his elegant work on the interface between evolution, biomechanics, physiology, and development of bird song. This award was presented at the 2001 ABS meeting in Corvallis, OR.

QUEST AWARD

David Westneat, University of Kentucky, was awarded the Quest Award for 2001 for his seminal conceptual and empirical contributions using field experiments and molecular genetic methods to better understand complex social and mating dynamics in systems with extrapair fertilizations. This award will be presented at the 2002 ABS meeting in Bloomington, IN.

EXEMPLAR AWARD

John Endler, University of California at Santa Barbara, was awarded the Exemplar Award for 2001 for his exceptionally clever, influential, and insightful work integrating sensory ecology, behavior, and natural and sexual selection. This award will be presented at the 2002 ABS meeting in Bloomington, IN.

EXCEPTIONAL SERVICE AWARD

H. Jane Brockmann, University of Florida, was awarded the Exceptional Service Award for 2001 for her

diverse service to the ABS including service as the Treasurer for 2 terms, in the Presidential track for 4 years, on the Editorial Board of Animal Behaviour, and as editor of Ethology. This award was presented at the 2001 ABS meeting in Corvallis, OR

Meredith West, Indiana University, was awarded the Exceptional Service Award for 2001 for her diverse service to the Society including service as the Editor for Animal Behaviour, in the ABS Presidential track for 4 years, and for her key role in establishing the Society's Central Office. This award will be presented at the 2002 ABS meeting in Bloomington, IN.

DISTINGUISHED ANIMAL BEHAVIORIST

Edward O. Wilson, Harvard University, was awarded the 2001 Distinguished Animal Behaviorist Award for his ground-breaking role in establishing sociobiology as a discipline, for his studies on social insects, and for his international leadership in conservation biology and biodiversity. Dr. Wilson will be presenting a special lecture in association with receiving his award at the 2002 ABS meeting in Bloomington, IN.

NEW ABS FELLOWS

Congratulations to the newly elected Fellows of the Animal Behavior Society. The new Fellows are **Kay Holekamp**, Michigan State University, and **John Byers**, University of Idaho. The complete list of ABS Fellows is available at <http://www.animalbehavior.org/ABS/Members/>

2001 ABS FILM COMPETITION

The 18th annual Film Festival was held at the this year's meetings at Oregon State University. The winner of the ABS Film Award for the best commercial film was: "Mzima: Haunt of the Riverhorse," Producers and photographers: **Mark Deeble** and **Victoria Stone**, Survival Anglia Limited, 2001. The winner of the Jack Ward Memorial Film Competition (non-commercial category) was: "Mimicry, Sleep and Sex: The Natural History of a Micropezid Fly," was produced by **Patricia G. Ortiz**, 2001. We also wish to acknowledge the efforts of this year's judges: Susanne Bard, University of Washington, MarthaLeah Chaiken, Hofstra University, Todd Freeberg, Purdue University, Renee Robinette Ha, University of Washington, Chair.

CALL FOR APPLICATIONS

ABS Student Research Grants

The ABS Research Grants Committee announces the 2002 competition for funds in support of student research. Only student members of ABS (who must be an active member on the application deadline) enrolled in graduate programs are eligible to apply. Recipients of past research awards are ineligible. A total of \$15,000 (US) will be available to support ten students at a level of no more than \$1000 each and an additional ten students for up to \$500 each.

The DEADLINE for receipt of completed applications is **January 24, 2002**. Late applications will not be accepted. Applications will be reviewed by two or three referees and applicants will be notified of the results by April 1, 2002. The preferred method for receiving and submitting applications is through <http://www.animalbehavior.org/ABS/Grants>. Information regarding the submission of special files (e.g. figures) is available on that site. For those preferring to submit their application directly electronically or as an electronic attachment contact Dr. Shelly Adamo at sadamo@is.dal.ca.

CALL FOR APPLICATIONS

Developing Nations Research Grant

The Animal Behavior Society announces the fourth annual Developing Nations Research Grant (DNRG) program. Two grants of up to \$700 (US) will be awarded to provide financial support for scientific studies of animal behavior conducted by students or more established members of the Animal Behavior Society (ABS). Only current members of the Animal Behavior Society (i.e. must be an active member on the application deadline) residing in developing nations are eligible (the following are **not** considered developing nations: United States, Canada, Israel, Japan, Australia, New Zealand, Iceland, Norway, Sweden, Finland, Denmark, Germany, The Netherlands, Belgium, Luxembourg, France, United Kingdom, Ireland, Switzerland, Austria, Italy, Spain, and Portugal). Active student members of the ABS may apply separately for the Student Research Grants Competition, but no one may receive more than one Developing Nations or Student Research Grant in a lifetime. Student DNRG applicants must be enrolled at an institution in a developing nation.

The DEADLINE for receipt of completed applications is **10 JANUARY 2002**. All applications must be submitted in English. Applications will be reviewed by two or three referees and funded projects will be announced by 1 APRIL 2002. The preferred method for acquiring application materials is through <http://www.animalbehavior.org/ABS/Grants/>. Paper

versions can be downloaded from this WWW address, or are available upon request from the address below. Applications can be submitted via e-mail to snowicki@duke.edu or in paper form to: Stephen Nowicki, Department of Zoology, Duke University, Box 90325, Durham, North Carolina 27708-0325 USA. Questions about the competition should be directed to Dr. Nowicki at these addresses.

2002 WARDER CLYDE ALLEE COMPETITION

The Warder Clyde Allee Competition for Best Student Paper will take place at the 2002 Annual Meeting at Indiana University, Bloomington **13-17 July 2002**. 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 2001) and an individual can enter the Allee Competition only once per lifetime.

To enter: Students must indicate their desire to be considered for the competition by checking the appropriate box on the abstract submittal form for the annual meeting, submit a written version of their paper which includes their addresses, telephone numbers and e-mail addresses, fill out a signed and dated form indicating that they meet all eligibility requirements (to be supplied to entrants after receipt of their written papers), present a spoken version during the 2001 Annual Meeting, attend both the Allee welcoming dinner on the evening before the competition day, and attend the banquet during the Annual Meeting. The spoken portion of the competition is limited to 18 students. If more than 18 students enter, the Allee Judges will select the best 18 submitted papers for the spoken paper session and further eligibility. Four (4) copies of a written version of no more than 7 double-spaced text pages and no more than a total of 4 tables and/or figures (this limit does not include abstract, references or acknowledgments) must be received by Dr. Bennett G. Galef, Jr., ABS Allee Competition Chair, Dept. of Psychology, McMaster University, Hamilton, ON L8S 4K1, Canada. E-mail: galef@mcmaster.ca, by the due date for submission of abstracts for the annual meeting. **THOSE INTERESTED IN THE COMPETITION SHOULD BE SURE TO CHECK THE DEADLINE DATE**

FOR ABSTRACT SUBMISSIONS FOR PAPERS AT THE ANNUAL MEETING. If significant new results arise after submission, students may submit a one page addendum to their papers up to 30 days before the first day of the Annual Meeting. Questions should be addressed to Bennett G. Galef, Jr (E-mail: galef@mcmaster.ca).

ABS AUTHORS

If you have written or edited a book pertinent to animal behavior which was published in 2001 or will have a book coming out in 2002, please send the citation and a brief synopsis of its contents to Dr. Jill Marie Mateo, Department of Psychology, Uris Hall, Cornell University, Ithaca, New York 14853-7601 USA, email: 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. Questions? Let me know! James C. Ha, University of Washington jcha@u.washington.edu.

To SUBSCRIBE to ABSnet 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.

CALL FOR SYMPOSIA FOR THE 2002 ANNUAL MEETING

Symposium proposals for the 2002 annual meeting must be submitted to the Program Officer by 1 September 2001. Proposals may be submitted by e-mail or regular post to Program Officer, James C. Ha, Primate Center, Box 357330, University of Washington, Seattle, WA 98195-7330 USA. Email: jcha@u.washington.edu

MEETINGS

ANIMAL BEHAVIOR SOCIETY ANNUAL MEETINGS

2002: 13-18 July at Indiana University, Bloomington, IN.

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

Watch the ABS website for details.

LUIS BAPTISTA MEMORIAL SYMPOSIUM, San Francisco, **3 November 2001**. "Nature's Music: The Science of Bird Song, a symposium dedicated to the memory of Luis Baptista " will be held Saturday, 3 November 2001, Calif. Academy of Sciences, San Francisco, CA. For further information check the web page

http://www.calacademy.org/research/bmammals/baptista_symposium/ or contact

BAPTISTA_SYMPOSIUM@CALACADEMY.ORG

AUGUST 30th, 31th and SEPTEMBER 1st 2001

**Social life and communication :
an element of understanding in the evolution of
language ?**



**Vie sociale et communication :
un lien clé dans l'évolution
du langage ?**

UMR CNRS 6552, Ethologie-évolution-écologie, Centre de Recherche en Psychologie, Cognition et Communication, EA 1285, RENNES, France. This meeting will be the opportunity to confront the most recent results in different fields on a same scientific topic: social systems and vocal communication in a evolutionary perspective. Scientific fields like ethology, social or cognitive psychology, sociolinguistics, neurosciences and others will be represented. Round tables should enhance stimulating discussions and lead to questioning the possible social bases to language evolution. The scientific program will comprise 6 plenary lectures, oral papers, posters and round-table discussions. The official language will be English. For more information contact : Huguette Schuelke-Grillou, UMR 6552, Université de Rennes 1, Campus de Beaulieu, 35042 Rennes Cedex, France, Huguette.Schuelke@univ-rennes1.fr.

A CALL FOR PAPERS

BIRDS OF TWO WORLDS: ADVANCES IN THE ECOLOGY AND EVOLUTION OF TEMPERATE- TROPICAL MIGRATION SYSTEMS

The Smithsonian Institution is hosting a conference to synthesize the cutting-edge findings about the basic ecology and evolution of migratory birds. The emphasis will be on temperate-tropical systems, but contributions are not restricted to these if they have general theoretical importance. The conference will take place in **spring of 2002** in the Washington, DC region and will last three and a half days. The conference will include a series of invited talks organized into symposia, round table discussions and a contributed poster session. Contributed peer-reviewed papers will be published in an edited volume. We are soliciting proposals for papers to fill conceptual gaps in the conference and eventual book. If you are interested in developing a talk and chapter on one of the following topics, please send a title and one page abstract to Pete Marra (marra@serc.si.edu) or Russell Greenberg (antbird@erols.com): 1) Plasticity of migratory behavior within taxa; 2) the evolutionary basis for different migratory strategies (e.g., partial or irruptive migration); 3) emergent properties (ecological, morphological and behavioral) that distinguish migratory and resident species; 4) morphological constraints imposed by migration and how this effects function at other times of year; 5) physiological adaptations to varying climates (e.g. temperate vs. tropical); 6) interspecific competition and interactions between migrants and residents and between migrants; 7) costs and benefits of migration strategies and the evolution of migration patterns. We are open to other ideas, which you may introduce to us through a brief e-mail. The six major subject areas include A. The evolution of migration systems; B. Adaptations for two worlds; C. Migration itself; D. Social systems, E. Population connectivity and seasonal interactions; F. Population limitation and regulation. Papers should reflect a comprehensive review of the field, include specific exemplary research results, and develop a blue print for future research. We will include the best conceptual papers - without constraints on geography (New World versus Old World) or focal taxonomic groups. The deadline for submission of abstracts is **15 August 2001**.

GÖTTINGER FREILANDTAGE: SEXUAL SELECTION IN PRIMATES

We are pleased to announce that the German Primate Center (DPZ) will host an international conference on primate socioecology from **11 to 14 December 2001**. The focus of this meeting will be on sexual selection in primates. Invited speakers will summarize and evaluate recent empirical and theoretical work dealing with causes, mechanisms and consequences of sexual

selection in primates, including humans. In addition, we hope to identify general principles through comparison with other mammals. We cordially invite all faculty and students to submit abstracts for relevant oral (15 min) and poster contributions. The conference is also open to guests without presentations. The deadline for submission of abstracts wishing to be considered for spoken papers or posters is **August 1, 2001**. Guests must also register in advance by **October 1, 2001**. Additional details available from Peter Kappeler (pkappel@gwdg.de) and the conference web site: http://www.dpz.gwdg.de/voe_page/GFT2001/freiland01.C.htm

THE 2ND INTERNATIONAL WORKING DOG BREEDING CONFERENCE, SEPTEMBER 10-12, 2001, SAN ANTONIO, TEXAS. The focus of this meeting is three-fold: basic and applied research pertaining to the selective breeding, whelping, rearing, and assessment of working dogs; management of working dog breeding programs; and issues in veterinary care of working dog broodstock and their progeny. Abstracts of no more than 100 words will be considered for 50 minute keynote presentations, 15 minute short presentations, and poster presentations. The deadline for submitting abstracts is May 31, 2001. Abstracts should be submitted to Dr. Walt Burghardt electronically at Walter.Burghardt@Lackland.af.mil. For more information, please contact the coordinator at the above e-mail address or phone (210) 671-3991.

RIO – 2001
9TH INTERNATIONAL CONFERENCE ON HUMAN-ANIMAL INTERACTIONS
13-15 SEPTEMBER 2001

People and animals: a global perspective for the 21st Century. Conference Secretariat: AFORAC – 32 rue de Tréville – 75009 Paris – France; Tel: +33 1 56 03 12 00 – Fax: +33 1 56 03 13 60 – email: rio2001@I-et-e.fr; www.iahaio.org – www.afirac.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.

ASSISTANTS NEEDED FOR THE STUDY OF SATIN BOWERBIRDS: Volunteer field assistants are needed for the study of mate choice in satin bowerbirds. Assistants will primarily help to band birds and to observe behavior at bowers. The study site is in Northern New South Wales, Australia. This is a renewal

of a study of mate choice which began 16 years ago in which we will follow the success of the offspring of male bower holders we studied earlier. The field season will run from mid-September through late December. Assistants must arrange for travel to the field site; we will provide food and lodging at the site. Tasks assistants will perform include assisting in the capture, banding and blood sampling of birds, locating bower sites and clearing trails, monitoring the behavior of birds at bowers with infrared sensing equipment and camcorders and by direct observation. The work is very physically demanding and assistants must be focused on this project and flexible in their requirements. Contact Information: Seth Coleman and Tagide deCarvalho, Department of Biology, University of Maryland, College Park, MD 20742-4415, tel.: 301-405-6943, fax: 301-314-9358, sc287@umail.umd.edu, tagided@yahoo.com.

VOLUNTEERS - Approximately 30 volunteer positions are open in 2001 at the American Museum of Natural History's Southwestern Research Station in Portal, Arizona. The volunteer program is run annually and offers students in biological sciences outstanding opportunities to observe and become involved with scientists doing field research. Food and lodging are provided to volunteers in exchange for twenty-four hours per week of routine chores, with the remaining time available for research activities. The program is open to both undergraduate and graduate students; the latter may pursue their own research projects. Faculty knowing of promising students should alert them to this opportunity for professional experience toward, development of, and evaluation of their career goals. The program is open to non-students as well, particularly in the spring and fall. Volunteers are needed between March 15 and November 1. Appointments are for part of this period, with a minimum appointment of six weeks. Applicants for spring positions (March-May) should submit applications **by March 1**, summer volunteers (June-August) **by April 1**, and fall volunteers (September-November) may apply any time. For applications, write: Dr. Wade C. Sherbrooke, Director, Southwestern Research Station, American Museum of Natural History, P.O. Box 16553, Portal, AZ 85632 USA; phone/fax: 520-558-2396; e-mail: swrs@amnh.org.

THE NATIONAL INSTITUTE OF MENTAL HEALTH invites grant applications for research on psychopathology in mental retardation, for details: <http://content.sciencewise.com/informationagent/newsletter/12-13-00.htm#funding>.

INTERNATIONAL COURSE: EXPERIMENTAL APPROACHES IN NEUROETHOLOGY: (Santiago and Valparaíso, Chile **January 7-18, 2002**)

The course will offer an overview of neural processing and communication in the chemical, visual, sound, ultrasound and vibrational modalities in vertebrates and invertebrates, from physiological and evolutionary viewpoints. Teaching staff: Chile: Juan Bacigalupo, Antonieta Labra, Jorge Mpodozis, Hermann M. Niemeyer; Adrián Palacios, Mario Penna. Cuba: Frank Coro. Spain: Ester Desfilis. Slovenia: Tine Valentincic. Uruguay: Omar Macadar. USA: John Caprio, John G. Hildebrand, Peter M. Narins. Participants: The course will be limited to 20 students with 12 students from Latin American countries other than Chile. Additional information may be requested from: Dr. Antonieta Labra. E-mail: alabra@abello.dic.uchile.cl; Fax: +56 2 271 7503. Application deadline: **October 31, 2001.**

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

ANNOUNCEMENTS

ABS MEMBERS RISE TO THE CHALLENGE!

The ABS Research Grant awards program is one of the ways our Society supports our student members and assures the continuity of animal behavior research. The Research Grants provide needed financial support to graduate student members of the Society and can be used to fund a small project, for "seed" money while seeking long term financing, or as supplemental funding for a large project. This year Judy Stamps offered a \$1000.00 challenge grant to the Society and our members more than met Judy's challenge. The Development Committee thanks the members listed below for their generous contributions; the Society is proud of your help in meeting Judy's challenge.

Julian I. Adams, Jr., Elizabeth Adkins-Regan, Susan C. Alberts, John Alcock, Jeanne Altmann, Kenneth Armitage, Penny L. Bernstein, Lee Boyd, H. Jane Brockmann, Lincoln P. Brower, Rebecca S. Burton, John P. Capitanio, T. M. Caro, Mark A. Chappell, Ethan D. Clotfelter, Nicholas Collias, Allison J. Doupe, Lee Drickamer, Lee Ehrman, Millicent S. Ficken, Roy Fontaine, Daniel R. Formanowicz, Jr., Debra Forthman, Dorothy Frigaszy, Robert Gibson, Michael Greenfield, Benjamin L. Hart, Lynette A. Hart, Laurie Hiestand, Helmut V. B. Hirsch, Kay Ellen Holekamp, Lynne D. Houck, Nora Iseli, Robert G. Jaeger, Douglas James, Rudolf Jander, Robert Jeanne, Deanne F. Johnson, Peter Judge, Winfried Just, John A. King, Jeff E. Klahn, Rosemary Knapp, Stan Kuczaj, Sara M. Lewis, Susan U.

Linville, Jeffrey R. Lucas, W. Mitch Masters, Douglas Meikle, Roger L. Mellgren, David B. Miller, Douglas W. Mock, Marilyn Moore, James J. Moore, Arthur A. Myrberg, Jr., Peter M. Narins, Nadav Nur, Michael J. Owren, Jane M. Packard, Diane M. Post, Daniel Promislow, A. Stanley Rand, Janet A. Randall, Laurene Ratcliffe, Ronald L. Rutowski, Michael Salmon, Todd L. Scarlett, David Scott, Cynthia K. Sherman, Paul W. Sherman, Joan Strassmann, Ronald R. Swaisgood, Douglas W. Tallamy, Lois Tepper, Robert L. Thompson, Barbara Turpin, Sandra Vehrencamp, Jeffrey R. Walters, Peter Waser, Brent Clark White, Gerald S. Wilkinson, John C. Wright, Marlene Zuk.

Ira Perelle
Chair, Development Committee

A CHANGE BACK IN REFERENCE CITATIONS IN ANIMAL BEHAVIOUR: As a result of further discussion between the editors and Academic Press, it has been decided to abandon the recently announced change to the style of reference citations in the journal. We have taken this decision for two reasons. First, while many journals have adopted styles similar to the proposed numerical citations, it is clear that there is a strong desire among contributing authors and the readership of *Animal Behaviour* to retain the current tradition of names and dates. Second, evolving production procedures relating to the electronic journal now look likely to make the changes redundant within the foreseeable future, so that production efficiency considerations have significantly relaxed. The Instructions to Authors will therefore be amended forthwith and all manuscripts submitted in the numerical citation style will be edited accordingly by *Animal Behaviour*. Authors of manuscripts using the numerical citation format will not be required to reformat their own manuscripts. We have decided to act promptly in this matter to ensure continuity of the current style in the journal. We feel certain that authors and readers will understand the reasons behind these recent decisions and approve of the final outcome. Jeff Lucas, North American Executive Editor; Chris Barnard, European Executive Editor

CALL FOR PUBLICATION OF NEW METHODOLOGIES IN THE STUDY OF ANIMAL BEHAVIOR

The Animal Behavior Society recognizes that there are many exciting new techniques (e.g., bioinformatics, brain imaging, voice-activated data gathering, robotics) that can potentially broadly affect our field. To facilitate the disbursement of this information we have decided to expand the publication of new methodologies that can be used in any aspect of the study of behavior. I urge all members to share their expertise by publishing a

description of cutting-edge techniques in one of two forms: (1) As a paper in *Animal Behaviour*. These contributions would be reviewed (as all are) and, as such, would most likely be accepted if they included a 'novel database' or a truly outstanding new application. We hope to publish 1 to 2 such manuscripts per year. (2) As an announcement in a new section of this newsletter. These contributions would be reviewed by the *Animal Behaviour* executive editor (currently me). The format of the latter contributions would be very short (0.5 to 1 page) communications. At present, we will leave the exact specifications of these manuscripts up to the authors. The rapid advance of computer technology has provided a staggering number of techniques that could well be the backbone of behavioral studies in the future. The need for rapid disbursement of this information was identified as an important goal in a recent summit on the future of the Animal Behavior Society. We are optimistic that our membership will take up this challenge. Manuscripts for *Animal Behaviour* are to be sent to the editorial office (see any issue of *Animal Behaviour* for details). Articles for the newsletter can be sent to Jeffrey R. Lucas, Executive Editor, *Animal Behaviour* Department of Biological Sciences Purdue University West Lafayette, IN 47907-1392 or e-mailed to behavior@bilbo.bio.purdue.edu.

FRED WASSERMAN WINS METCALF AWARD

Boston University awarded the 2001 Metcalf Cup and Prize for Excellence in Teaching to ABS member, Fred Wasserman. The Metcalf Cup and Prize is the highest honor bestowed by the University, and is awarded only after intense competition and evaluation by faculty and students. Wasserman studies bird song and other aspects of avian behavior. His course in Animal Behavior has introduced countless undergraduate and graduate students to behavioral science, and has served as the keystone of the Department's program in behavioral biology. His enthusiasm for behavior and skill at communicating theory and empirical study are outstanding, and he does so with kindness and humility. In this capacity he fulfills the educational mission of the ABS with great success. Submitted by James Traniello, Professor of Biology, Boston University.

CALL FOR ARTWORK: Do you have any line drawings of your favorite animals behaving? We're looking for some artwork to improve the looks of the ABS Program passed out at the Annual meeting. If you have any black-and-white line drawings you would like to donate, please send them (preferably via email) to the ABS Program Officer, Jim Ha, jcha@u.washington.edu.

ANIMAL BEHAVIOR MEDIA LIBRARY: The Education Committee of the Animal Behavior Society has established a Media Library for use in teaching animal behavior. We are now soliciting submission of high-quality photographs, line drawings, and data graphs illustrating important principles in animal behavior for use in teaching about animal behavior, and for which the submitter can grant copyright to ABS. To submit an image for the library, send the following: 1. Publication-quality photograph, line drawing, or data graph, or a digital file in some standard format (i.e., GIF or JPEG); 2. A statement saying that you are the owner of the image, and that you grant its copyright to ABS; 3. A descriptive caption, identifying the relevant species, principle, and appropriate teaching use(s) of the image; 4. Reference to one published source (e.g., article or book) providing more information about the topic addressed in the image; 5. How to give credit to the person(s) who provided the materials. To submit materials electronically, contact Penny Bernstein for instructions, via pbernstein@stark.kent.edu. Materials may also be submitted by regular mail to: Penny L. Bernstein Chair, ABS Education Committee, 8910 Indian Hill Circle Canal Fulton, Ohio 44614 USA

THE INTERNATIONAL SOCIETY FOR ANTHROZOOLOGY (ISAZ) was formed in 1991 to promote the scientific and scholarly study of human-animal interactions. ISAZ has a worldwide, multidisciplinary membership of students, scholars, and interested professionals, and publishes the quarterly journal, *Anthrozoos*. Membership is open to individuals either currently or previously involved in conducting scholarly research within the broad field of human-animal interactions. Current members represent a great diversity of academic backgrounds, including anthropology, applied animal behavior, archaeology, animal welfare science, art and literature, education, ethology, folklore studies, history, medicine, philosophy, psychology, sociology, and veterinary medicine. Conferences are held annually, often in conjunction with complementary meetings, such as the annual meeting of the Animal Behavior Society, the International Society for Applied Ethology (ISAE), the International Association of Human-Animal Interaction Organizations (IAHAIO), and others. The next conference will be held at the University of California, Davis, August 24, 2001, in conjunction with NILAS (Nature in Legend and Story) and ISAE. A series of ISAZ-sponsored sessions will also be held in conjunction with IAHAIO in September in Rio de Janeiro. If you are interested in joining ISAZ, or would simply like to learn more, please visit the Society's website at <http://www.vetmed.ucdavis.edu/CCAB/ISAZ.htm>.

ADDRESS CHANGE: Devra G. Kleiman, Senior Research Scientist, Smithsonian National Zoological Park, Smithsonian Institution, Department of Biological Programs, National Zoological Park, Washington DC 2008-25, has changed her address to: Director, Conservation Planning Support, Field Support Division, Conservation International, 1919 M. Street, NW, Suite 600, Washington DC 20036, d.kleiman@conservation.org, 202-912-1333.

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).

IVIS (INTERNATIONAL VETERINARY INFORMATION SERVICE) is pleased to announce that the following content has been added to the IVIS website (<http://www.ivis.org/>). In the IVIS Recent Advances in Veterinary Medicine library: Intra-uterine Artificial Insemination in the Dog Using the Scandinavian Trans-cervical Catheter and a Comparison with other Methods http://www.ivis.org/advances/Concannon/linde/chapter_frm.asp C. Linde-Forsberg, (Last Updated: 2-Feb-2001). In: Recent Advances in Small Animal Reproduction, P.W. Concannon, G.C.W. England and J. Verstegen (Eds.). Clinical Use of Anti-Progestins in the Bitch http://www.ivis.org/advances/Concannon/fieni/chapter_frm.asp F. Fieni, (Last Updated: 23-Feb-2001). In: Recent Advances in Small Animal Reproduction, P.W. Concannon, G.C.W. England and J. Verstegen (Eds.). Anesthetic Management of Cattle http://www.ivis.org/advances/Steffey_Anesthesia/riebold_cow/chapter_frm.asp T.W. Riebold, (Last Updated: 15-Feb-2001). In: Recent Advances in Anesthetic Management of Large Domestic Animals, E.P. Steffey (Ed.). Inhaled Anesthesia for Birds http://www.ivis.org/advances/Anesthesia_Gleed/ludders2/chapter_frm.asp J.W. Ludders, (Last Updated: 2-March-2001). In: Recent Advances in Veterinary Anesthesia and Analgesia: Companion Animals, R.D. Gleed and J.W. Ludders (Eds.) In the IVIS Veterinary Monographs and Classic Texts library: Reptiles: Aquatic Turtles (Chelonians) http://www.ivis.org/special_books/Heard/moon/chapter_frm.asp P.F. Moon, S. Hernandez Foerster, (Last Updated: 15-Mar-2001). In: Zoological Restraint and Anesthesia, D. Heard (Ed.). Recent Advances in Equine Reproductive Behavior and Management

<http://www.ivis.org/advances/McDonnell/toc.asp>. by S.M. McDonnell (Ed.) (Table of Contents available) In the IVIS Proceedings library: The deadline for abstract submission for the meeting Genes, Dogs, and Cancer: Emerging Concepts in Molecular Diagnosis and Therapy <http://www.ivis.org/advances/Keystone/caninecancer2001/default.asp> held at Keystone, Colorado on May 21-22 is April 9th.

All abstracts must be submitted in electronic form and sent by e-mail to: caninecancer2001@ivis.org. You can consult the IVIS publications free of charge at <http://www.ivis.org/>. The IVIS project is a work-in-progress and comments or suggestions may be sent to info@ivis.org.

RESPOND TO THE CREATIONIST CHALLENGE!

AIBS is undertaking a project to support the teaching of evolution in the schools and combat efforts to teach creationism in science classes. AAAS and AIBS have both been very concerned about inroads made by creationists in the schools. Regarding the events in Kansas last year, the scientists and teachers there became well organized to reverse that policy, but not until after the policy was adopted. Since this is an issue that will not go away, we should be well organized in other states in order to prevent such efforts from undermining the success of science teaching. The project involves the setting up of email listservs in each state, so that scientists, teachers, and other concerned people can be in touch with each other. The listservs can function as support groups for teachers trying to teach evolution in a hostile atmosphere. They can also function for rapid communications when there are policies being contemplated by school boards or state legislatures that require input such as letters or attendance/testifying at hearings. We are working with the National Center for Science Education on this. What we need first is to have a person in each state volunteer to be the list manager for that state. There are already list managers for many states. Their names and email addresses appear in the previous ABS Newsletter (February 2001). Some of these have already set up their listservs, and the address to write to and message to send in order to subscribe are provided for people who wish to subscribe. If your state has a contact person, but no list name, please write and encourage them to get their listserv set up. If your state does not appear at all, that means no one has yet volunteered to run the listserv. Usually staff at the computer center should know how to set up listservs, and the time commitment should not be great, unless there is some urgent issue being debated. Please get in touch with Dr. Judith Weis (jweis@andromeda.rutgers.edu) if you are willing to do this for your state.

MINUTES

THE ANIMAL BEHAVIOR SOCIETY ANNUAL BUSINESS MEETING

17 JULY 2001

OREGON STATE UNIVERSITY, CORVALLIS, OREGON, USA

1. The meeting was called to order at by President Patty Gowaty at 10:20.
2. President Gowaty thanked the local hosts and introduced the members of the EC as well as the new officers of the Society; she recognized the chairs and members of various committees and recognized directors of Central Office.
3. Education Committee Chair Penny Bernstein introduced the recipient of the 2001 WC Brown Teaching Award, Gail Michener and presented this year's award.
4. Secretary Steve Shuster summarized the issues under discussion by the EC; he mentioned that the progress of these issues will be announced in the newsletter as well as on the ABS website.
5. Treasurer Nancy Solomon summarized various new donations to the Society; she reported that membership has declined somewhat this year and suggested new initiatives to increase membership; despite the drop in membership, revenues grew over the past year; she announced that the Society is exploring new ways to diversify our resources; the Society is in good shape; the financial oversight committee will update the Society on further progress.
6. Editor Jeff Lucas outlined new developments with the journal; the Elsevier buyout is uncertain as are effects on journal costs; he reported that considerations of animal welfare are becoming increasingly important; he noted that authors should be careful to report compliance with accepted guidelines for animal care; the format of *Animal Behaviour* is changing back to the old style; submission rates have been dropping a bit over the last few years; to account for this, the acceptance rate will be 40-45%; Editor Lucas reported useful changes in submission; electronic submissions are speeding turnaround time, there will be a way to track manuscript progress; electronic and paper copies or both will be available, color figures in manuscripts will be permitted; he then answered questions about manuscript submission.
7. Program Director Emilia Martins announced the 2002 meeting in at Indiana University in Bloomington, IN, and outlined the advantages of holding the meeting at IU; she mentioned that symposium proposals are due 6 September 2001; she next announced the 2003 meeting at Boise State University in Boise, ID;
8. Hugh Drummond of UNAM announced a proposal for the 2004 meeting in Mexico; the favored site is Oaxaca; he outlined the benefits of holding the meeting at this exciting location.
9. President Gowaty announced new initiatives to promote the study of animal behavior; these include outreach to K-12 teachers and initiatives to increase knowledge of available funding sources; she announced the resolution of animal behavior certification issues; also thanked Jim Ha and Renee Robinette Ha of their generous contribution of donations from their wedding to the Society.
10. Past President Andy Sih announced the nominations for new officers; the 2001 slate includes: President, Judy Stamps and Ken Yasukawa; Secretary: Linda Rayor and Molly Morris; Member at Large: Geoff Hill and Hugh Drummond.
11. President Gowaty opened the floor for New Business; Jane Brockmann announced the IEC meeting in Tubegin Germany this summer; the 2003 meeting will be in Brazil; the following meeting will be in Europe
12. Zulema Tang-Martinez commented that she appreciated the presence of signers during lectures to accommodate the hearing impaired.
13. A motion to approve the minutes of the 2000 Business Meeting was seconded and approved.
14. Chris Evans and Steve Nowicki and Patty Gowaty awarded door prizes to four ABS members in appreciation for their attendance at the ABS Business Meeting.
15. A motion to adjourn the meeting was seconded and passed, the meeting was adjourned at 11:48.

2001 ABS EXECUTIVE MEETING

14 JULY 2001

Officers present: Patty Gowaty, Andrew Sih, Anne Clark, Mike Beecher, Jeff Lucas, Nancy Solomon, Emilia Martins, Stephen Nowicki, Steve Shuster.

Officers elect present: B. Geoff Galef, Jim Benedix, Philip Stoddard.

Chairs and Liaisons present: Tom Rambo, Duane Jackson, Jill Mateo, Dan Essep, Stephen Zawistowski, Ira Perelle, Janice Dickinson, Renee Robinette-Ha, James Ha, Penny Bernstein, Martha Lea Chaiken, Zulema Tang-Martinez, Regina H. F. Macedo.

Others present: Kim Sullivan, Animal Behavior, NSF; Steve Vessey, Animal Behavior, NSF; Steve Ramey, Central Office, Hugh Drummond, UNAM.

1. The meeting was called to order at 9:00 by President Patty Gowaty; she announced that this is a new type of EC meeting in which formal motions can be made and passed by email; the meeting will consist mostly of discussions of issues.
2. A motion to approve the minutes of the 2000 EC Meeting was seconded and approved.
3. Kim Sullivan, Steve Vessey and Fred Stollnitz led a discussion on NSF funding and animal behavior (AB) program directors; they identified ways to increase available funding for AB, approaches for suggesting such increases to NSF, and ways to increase diversity among AB researchers;
4. Secretary Steve Shuster discussed the importance of AAAS affiliation as a way to increase public exposure to the nature and importance of AB research; he also identified quantitative methods for investigating the apparent underrepresentation of papers concerning AB in the journal, *Science*; he has obtained the cooperation of *Science* editors in examining the relative rates at which AB papers, compared to papers concerning other topics, progress through episodes of submission, review and acceptance.
5. Past President Andy Sih reviewed progress since the ABS Summit 2000; he noted that he has established important contacts with other societies, and that an AB "white paper" as well as perspective papers in journals like TREE are forthcoming; additional coverage of ABS symposia might also be published in the Newsletter or in more prominent journals; this could become the task of the 3rd MAL; funding opportunities are now posted on the ABS website and will become increasingly detailed; he proposed that funding information for Canadian and Latin American funding be accessible here too; additional contacts with funding agencies such as NIH or EPA might require another EC contact person; this will cost money and be discussed later.
6. Second President-elect Geoff Galef discussed issues he considered important for the future development of the Society; he emphasized the importance increasing membership, and of working with our current strengths rather than developing expensive new initiatives; President Gowaty asked for a straw vote on how to fund 5 areas in the society, (1) web based resources, (2) membership (3) meetings, (4) outreach and liaison costs, (5) long term investment, (6) journal enhancements; the vote resulted in a ranking of 3, 1, 4, 5, 2, 6; after discussion, EC consensus was that the Society needs a more fiscally sound approach to investment; President Gowaty charged Galef with drawing up a proposal to endow the society as well as possible; further discussion was deferred to the oversight committee.
7. Editor Jeff Lucas reviewed the Elsevier buyout of Hartcourt/Academic Press; projected uncertainty with respect to journal profits, but proposed that we wait to see what happens; starting next year subscribers will be able to get paper, electronic or both copies of AB; our profit is higher if members take electronic form; however, there is no archival form of journal, either paper or CD; this may not be a problem because the cost of the subscription is so low that multiple users are not likely.
8. Editor Lucas reported submissions to *Animal Behaviour* are down; this is disturbing; there may be some misconceptions about which articles are accepted; also the acceptance rate of 40% may not be widely known; another issue is the publication of related abstracts and articles; the ASAB guidelines are very strict; no publication of abstracts that have ISBN numbers is allowed; Lucas stated that he will not follow this restriction because it could prevent participation in meetings that publish abstracts; there was general consensus that this does not represent "double publishing;" Second President-elect Galef suggested that authors place a statement in the acknowledgments stating that they had published an article dealing with a similar subject as an abstract; publication time is 79 days from submission to decision, on average and this time may come down.
9. Central Office Coordinator Steve Ramey reported that despite being extremely busy and undergoing some restructuring due to funding decisions by Indiana University, the Central Office is doing well; Program Director Emilia Martins agreed to assume responsibility as co-director of the Central Office with Meredith West.

10. Development Chair Ira Perrell reported that he doesn't use the acronym "ABS" anymore because it is used by so many other societies (N=44); he proposed that if we are going to effectively get into public eye, the logo and the use of ABS may need to be changed; for now the best thing to do is to use all three names; Steve Ramey reported that we have registered the service mark for the cost of several \$K; we would have to do it again; alternatives were discussed;
11. Education Chair Penny Bernstein requested input on the criteria necessary for the selection of teaching award recipients; due to short time; other issues were tabled until later.
12. Treasurer Nancy Solomon and Steve Ramey reported on the financial status of society; total assets have gone up but so has the Central Office budget; discussion focused mainly on the methods proposed for compensating Shan Duncan as webmaster;
13. Program Officer Emilia Martins reported on the the 2002 meeting to be held 13-17 July 2002; the theme of this meeting will be outreach with efforts to attract K-12 teachers; to prevent overlap with other societies, meetings will be held in July for the foreseeable future; the 2003 meeting will be at Boise State University in Boise, ID 19-23 July 2003.
14. Hugh Drummond of the Universidad Autónoma Nacional de México proposed a future meeting in Oaxaca, México, in June 2004; discussion focused on how to make this meeting work given that there is no university conference center; there was unanimous enthusiasm for location;
15. President Gowaty opened the floor for new business; Public Affairs Chair Jill Mateo mentioned possibility of film review by qualified ABS members; Penny Bernstein discussed possibility of making lab exercises available on the Web as well as enhancing the image library
16. The meeting was adjourned at 17:15.

Animal Behavior Society
Indiana University
2611 East 10th Street
Bloomington IN 47408-2603

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ABS APPLICATION/RENEWAL FORM NEW MEMBERSHIP. RENEWAL

YOUR MEMBERSHIP WILL BEGIN OR RENEW WITH THE NEXT AVAILABLE JOURNAL ISSUE AND RUN FOR 12 MONTHS. WE ARE NOT ABLE TO PROVIDE BACK ISSUES.

Name: _____ Institution/Affiliation: _____

Address: _____

Email: _____ Phone/Fax: _____

I would like ABS to send mailings (e.g., ballots, renewal reminders) via e-mail
E-MAIL ADDRESS WILL NOT BE DISSEMINATED EVEN IF YOU CHECK THIS BOX.

MEMBERSHIP CLASS (All amounts in US Dollars)

<input type="checkbox"/> Regular Member	\$51	Future Membership	
<input type="checkbox"/> Student Member*	\$25	You may pay up to three years at the current rate	
<input type="checkbox"/> Membership w/o Journal †	\$17		
<input type="checkbox"/> Emeritus Member	\$25	___ X \$_____ =	\$_____
<input type="checkbox"/> Newsletter Only (nonmember)	\$ 8		
<input type="checkbox"/> Developing Nations Member •	\$25	Late Fee (except Mem w/o Journal, Newsletter)	
<input type="checkbox"/> Developing Nations Student •	\$15	If renewing late add \$10 Late Fee.	_____

NOTE: This rate schedule applies through **June 30 2001**. Thereafter, enquire for current rates from aboffice@indiana.edu or visit <http://www.animalbehavior.org/ABS/Members/>

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