



NEWSLETTER

Animal Behavior Society

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A quarterly publication

Susan A. Foster, Secretary

Harleigh E. Willmott, Editorial Assistant
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RESULTS OF THE 1994 ABS ELECTIONS

One hundred and ninety ballots were cast in the 1994 election. This is approximately 5% of the membership. The proposed change to the Constitution of the Animal Behavior Society passed. The following officers were elected:

Second President Elect: David Duvall
Parliamentarian: Kimberly M. Sullivan
Program Officer: Anne B. Clark
Member-At-Large: Jean-Guy J. Godin

Congratulations to the new officers and representatives and thanks to all who ran for office. The new officers will begin their terms at the end of the annual meeting in July, 1995.

EXEMPLAR AWARD PRESENTATION TO JUDY A. STAMPS

The presentation of the Exemplar Award was made on 27 July 1994 at the annual meeting of the Animal Behavior Society at the University of Washington, Seattle. The following is Past-President Gail Michener's presentation address:

The Exemplar Award was created by the Animal Behavior Society 4 years ago to recognize a major long-term contribution in animal behavior, but this is the first year in which the award has been made. Fittingly, the first recipient of the ABS Exemplar Award also was the first recipient of the W. C. Allee Award for best student paper when that award was created by ABS in 1972. This work resulted in an initial publication, "Displays and social organization in female *Anolis aeneus*" in 1973, that presaged a career now spanning 21 years studying primarily, but

not exclusively, anoles. Our recipient remains a prolific and productive researcher, as evidenced by the publication of two articles in the June 1994 issue of *Animal Behaviour* on "Territory acquisition in lizards". This year's recipient of the Exemplar Award could be described as having redefined the territory of territoriality. She has asked us to rethink the original economic models of territoriality and, in particular, to question whether the assumptions underlying models of territoriality have been adequately validated. Most of you, by now, will have recognized that the 1994 recipient of the Exemplar Award is Judy Stamps. Judy Stamps obtained her B.A. in 1969, her M.A. in 1971, and her Ph.D. in 1974, all from the University of California at Berkeley. She has been a faculty member at the University of California at Davis since 1973, where she was promoted to the rank of full professor in 1985. The Animal Behavior Society does not define "long-term contribution" in describing the Exemplar Award, but there is no doubt that Judy Stamps fits the criterion. Her significant contributions are now entering a third decade of publication, and she is the senior author of over 50 articles published in journals such as *Ecology*, *Behavioral Ecology and Sociobiology*, *Animal Behaviour*, *Behaviour*, and *American Naturalist*.

Judy Stamps' early work on anoles focussed on courtship and reproduction and on effects of rainfall on egg laying and growth rates. The work for which she is best known, viz. territoriality in juvenile anoles, began appearing in the 1980s. Judy Stamps' subjects are tiny animals (just a few cm long) that, as vulnerable juveniles, need to acquire space in open patches in forest to escape predation. In particular, young anoles seek sites that contain a network of perches, shade, and water. Because of the minute size of her study subjects, Judy Stamps has been able to conduct simple, but elegant and illuminating, field experiments in the acacia forests of Grenada. Such experiments have established that young anoles prefer to join an established aggressive resident in preference to being the solitary pioneer in suitable but unoccupied habitat. From these observations, Judy

has formulated the concept of "conspecific cuing" which proposes that newcomers use the presence of another juvenile as an indicator of useable habitat.

Because juvenile anoles seek occupied habitat, they face aggression from current residents. Judy Stamps has established that (1) escalated fights quickly lead to mutually respectful social relationships, (2) individuals can acquire space by persisting in an area in the face of repeated attacks by prior settlers, and (3) the longer an animal has resided in an area the greater the number of interactions needed to evict it even when the opponent is larger. Thus, residents have "prior rights", and familiarity with the area immediately surrounding an encounter site is influential in winning encounters. Judy Stamps has proposed that encounters between juvenile anoles involve balanced asymmetries in which large newcomers have the advantage of size whereas small residents have the advantage of familiarity.

Let me not leave you with the impression that Judy Stamps had studied only territoriality in lizards. She has also published influential studies on parent-offspring conflict and paternal feeding in birds. Currently, she is focussing on sexual size dimorphism in species that mature at small sizes, then grow to larger asymptotic sizes.

Career awards are not given solely for a prolific publication record. Judy Stamps sets us an example in other ways as well. She is described by her colleagues and students as altruistic in her willingness to share both time and ideas. She is always available and approachable to peers and students. She is a clear and rapid thinker, who in the words of one colleague, generates ideas so quickly one needs a tape-recorder when talking to her just to keep up with her fertile mind. Furthermore, she is dynamic, energetic, and excited about her work. Anyone who has heard Judy talk cannot help but be infected by her enthusiasm and love for her research. If you have not heard Judy Stamps give a presentation, I recommend that you attend her next talk.

It is my privilege to present the Exemplar Award for 1994 to Dr. Judy Stamps, an individual who has contributed in many ways to the field of animal behavior and a person who has set an example to all of us in the quality of her research and her interactions with colleagues.

WILLIAM C. BROWN ANIMAL BEHAVIOR TEACHING AWARD

Thanks to the generosity of William C. Brown Publishers, the Animal Behavior Society solicits nominations for the William C. Brown Animal Behavior Teaching Award for 1995, to be awarded at the 1995 ABS meeting in Lincoln, Nebraska. The

awardee will receive a \$500 personal stipend and a grant of \$500 to further enhance undergraduate instruction in animal behavior at the awardee's institution. Nominees for the award 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 names, addresses and phone numbers of at least two additional references. Selection of the awardee will be made by the Animal Behavior Society Education Committee; upon receipt of a nominating letter, the committee will solicit supporting materials such as course syllabi, student evaluation summaries, letters of support from students or peers, documentation of teaching awards, evidence of teaching innovations, textual or laboratory materials written, and other appropriate indicators of superior undergraduate teaching. Nominators and nominees must be current members of the Animal Behavior Society; current officers and committee chairs of the Animal Behavior Society are not eligible for nomination. Nominations must be submitted by **March 31, 1995**, to: Dr. Theodore Burk, Chair of the Animal Behavior Society Education Committee, Department of Biology, Creighton University, Omaha, Nebraska 68178-0103, U.S.A.

ABS RENEWALS FOR 1995

Renewals for 1995 were due on 1 December 1994. Those of you who have not yet renewed will find that this is the last issue of the Newsletter you receive and that your journal subscription has already expired. **Please, if you wish to remain an active member of the Animal Behavior Society,** take a moment to fill out the Renewal form on the last page of this issue and send it, along with payment (**include a \$5 late fee**) to: Randall Breitwisch, Treasurer, Animal Behavior Society, Dept. of Biology, University of Dayton, 300 College Park, Dayton, OH 45469-2320. If you are unsure as to whether or not you have renewed, please check your Newsletter address label. The words "NOT RENEWED" will appear to the right of your name if we have not received your renewal (as of 15 January 1995). Otherwise the year through which your dues are paid will appear. To report an **ADDRESS CHANGE** or **JOURNAL DELIVERY PROBLEM**, or to request further information regarding your membership, please write to the above address or the Treasurer's assistant, Steve Ramey, at **svrsul@aol.com**.

DIRECTION OF CORRESPONDENCE

ABS Newsletter and general correspondence concerning the Society: Susan Foster, Dept. of Biological Sciences, University of Arkansas, Fayetteville, AR, 72701, USA. Deadlines are the 15th of the month preceding each Newsletter. The next deadline is April 15, 1995.

Articles submitted by members of the Society and judged by the Secretary to be appropriate are occasionally published in the ABS newsletter. The publication of such material does not imply endorsement by the ABS of the opinions expressed.

Animal Behaviour: manuscripts and editorial matters: Michael Beecher, *Animal Behaviour*, NI-25, University of Washington, Seattle, WA 98195, USA.

Change of Address: missing or defective issues of *Animal Behaviour*: Randall Breitwisch, Dept. of Biology, University of Dayton, 300 College Park, Dayton, OH, 45469-2320, USA.

ABS OFFICERS

President: Hugh Dingle, Dept. of Entomology, University of California, Davis, CA, 95616, USA. E-mail: rdhdingle@ucdavis.edu.

First President-elect: Lee Drickamer, Dept. of Zoology, Southern Illinois University, Carbondale, IL, 62901, USA. E-mail: ga3687@siucvmb.siu.edu

Second President elect: Susan Riechert, Dept. of Zoology, University of Tennessee, Knoxville, TN, 37996-0810, USA. E-mail: pa34628@utkvm1.utk.edu

Past President: Zuleyma Tang-Martinez, Dept. of Biology, University of Missouri, St. Louis, MO, 63121, USA. E-mail: szthalp@unslvma.

Treasurer: Randall Breitwisch, Dept. of Biology, University of Dayton, 300 College Park, Dayton OH, 45469, USA. E-mail: breitwis@udavxb.oca.udayton.edu

Secretary: Susan Foster, Dept. of Biological Sciences, University of Arkansas, Fayetteville, AR, 72701, USA. E-mail: sfoster@comp.uark.edu.

Program Officer: John Byers, Dept. of Biological Sciences, University of Idaho, Moscow, ID, 83843, USA. E-mail: jbyers@idui1.csrvidaho.edu.

Parliamentarian: George Waring, Dept. of Zoology, Southern Illinois University, Carbondale, IL, 62901, USA. E-mail: ga3609@siucvmb.siu.edu

Editor: Michael Beecher, Dept. of Psychology NI-25, University of Washington, Seattle, WA 98195, USA. E-mail: journal@u.washington.edu.

Members-at-Large: Patricia Gowaty, Institute of Ecology, University of Georgia, Athens, GA, 30602, USA. E-mail: gowaty@zookeeper.zoo.uga.edu.

Christine Boake, Dept. of Zoology, University of Tennessee, Knoxville, TN, 37996-0810, USA. E-mail: boake@utkvx.utk.edu.

Katherine Wynne-Edwards, Dept of Biology, Queen's University, Kingston, Canada, K7L 3N6. E-mail: wynneedw@quecn.queensu.ca.

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

ABS Officers-elect:

The following new officers will take office at the end of the 1995 annual meeting:

David Duvall, Second President-elect. Department of Life Sciences, Arizona State University West, P.O. Box 37100, Phoenix, AZ 85069, USA.

Kimberly Sullivan, Parliamentarian, Department of Biology, Utah State University, Logan, UT 84322-5305, USA.

Anne Clark, Program Officer, Department of Biological Sciences, State University of New York, Binghamton, NY 13901, USA.

Jean-Guy Godin, Member-at-Large, Department of Biology, Mount Allison University, Sackville, N.B. E0A 3C0, Canada.

ABS COMMITTEES

Following is a list of ABS committee chairs and members with the dates their appointments end. If you are interested in serving on an ABS committee contact ABS President Hugh Dingle.

Membership

Diane Chepko-Sade (1996), Chair.

Eduardo Fernandez-Duque (1996)

Penny Bernstein (1996)

Roy Scudder-Davis (1996)

Nancy Pratt (1996)

Steve Kolmes (1996)

Stacey Lance (1997)

Sean O'Donnell (1997)

David Westmoreland (1997)

Policy

Michael Renner (1997), Chair

Zuleyma Tang-Martinez (PP)

Susan Riechert (PE2)

George Waring (PLM)

Laurene Ratcliffe (1995)

Bill Cooper (1995)

Michael Renner (1996)

Hugh Drummond (1996)

James Benedix (1997)

Bernadette Marriot (1997)

Paul Verrell (1997)

Education

Ted Burk (1996), Chair

Zuleyma Tang-Martinez (PP)

Susan Riechert (PE2)

Jed Burt (1995)

George Uetz (1995)

Tom Sproat (1995)

Sylvia Halkin (1996)

Anson Gong (1996)

Monica Raveret-Richter (1996)

Michael Ferkin (1997)

Christy Kimpo (1997)

Steve Trumbo (1997)

Organization and Bylaws

George Waring (PLM), Chair

Linda Rayer (1994)

Jennifer Mather (1995)

Joseph Benz (1996)

Jo Manning (1997)

Nomination

Zuleyma Tang-Martinez (PP), Chair

Jane Brockmann (1995)

Gail Michener (1996)

Animal Care

Joy Mench (1996), Chair

Paul Young (1995)

Martin Cavaliers (1995)

Abby Schwarz (1996)

Anne Marie de Pasille (1996)

Sylvia Taylor (1996)

Dan Salden (1996)

Scott Knight (1997)

Larry Williams (1997)

Public Affairs

Joanne Oliva-Purdy (1995), Chair

Linden Higgins (1995)

Amy Galloway (1995)

David Fraser (1995)

Matthew Novak (1996)

Kathy Morgan (1995)

Allen Rutberg (1997)

Film

Neil Mercando (1997), Chair

Lucy Jacobs (1995)

Blaine Ferrell (1995)

Kaci Thompson (1996)

Lee Davis (1997)

Lauren Wentz (1997)

Research Grants

Patty Gowaty (ML1), Chair

Chris Boake (ML2)

Katherine Wynne-Edwards (ML3)

Jan Murie (1995)

Ron Mumme (1995)

Rob Longair (1995)

W. John Smith (1996)

Anne Bekoff (1996)

Mike Baker (1996)

Kay Holekamp (1996)

Scott Carroll (1977)

Don Jensen (1997)

Betha King (1997)

Ethics

Stuart Altmann (1996), Chair

Devra Kleiman (1995)

Charlie Blaich (1995)

Emilia Martins (1996)

Janis Driscoll (1996)

Deborah Gordon (1996)

Mark Bekoff (1997)

Jerry Hogan (1997)

Applied Animal Behavior

Patricia McConnell (1997), Chair

Carlos Ruiz-Miranda (1995)

Desmond Maynard (1997)

Kathleen Morgan (1997)

Randall Wolf (1997)

(plus members of the BPC below)

Board of Professional Certification

Suzanne Hets (1997), Chair

Lee Drickamer (PE1)

Peter Borchelt (1996)

Debra Forthman (1996)

Sharon Crowell-Davis (1997)

Phil Lehner (1997)

Career Awards

Zuleyma Tang-Martinez (PP), Chair

Patty Gowaty (ML1)

Chris Boake (ML2)

Kathleen Wynne-Edwards (ML3)

Peter Smallwood (1995)

Anne Hedrick (1996)

Bridget Stutchbury (1997)

Endowments

Ira Perelle (1997), Chair

Will Gergits (1995)

Vic DeGhett (1995)

Nancy Solomon (1995)

Carolyn Ristau (1995)

Janice Moore (1996)

Carey Yeager (1996)

Geoffrey Gerstner (1997)

Liasons

ASZ: Dave Duvall (1996)

AAAS (Sec.G): Jerry Hirsch (1996)

AIBS: Carlos Ruiz-Miranda (1995)

APA: Donald Dewsbury (1995)

APS: Michael Renner (1995)

Permanent Central Office (ad hoc)

Meredith West (chair)

Lee Drickamer

Susan Foster

Robert Matthews

Joy Mench

George Waring

**Holding and Investing Unexpended Funds
(ad hoc)**

Robert Matthews, Chair
Randall Breitwisch
Jane Brockmann
Pat DeCoursey
Jeff Galef

Latin American Affairs (ad hoc)

Zuleyma Tang-Martinez, Chair
Linden Higgins
Peter Narins
Chuck Snowdon
Latin Americans to be named by the Committee
and approved by the President.

Legislative Affairs (ad hoc)

Irene Pepperberg, Chair
Sue Carter
Dave Dunham
Jim Ha
Matthew Novak
Kim Phillips

1995 ABS ANNUAL MEETING

All ABS members should soon receive an invitation to the ABS annual meeting to be held at the University of Nebraska, in Lincoln, 8-13 July 1995. Registration materials were published in the November ABS Newsletter. Deadline for submission of abstracts is 1 March, 1995. You must register for the meeting at the time you submit your abstract. All materials should be sent to the local host. For information, contact Dr. Al Kamil, School of Biological Sciences, Manter Hall, University of Nebraska, Lincoln, NE 68588-0118, USA.

ABS IN THE NEWS

Lee Dugatkin, winner of the ABS Outstanding New Investigator Award in 1994, has recently been featured in articles in a number of newspapers for research conducted in collaboration with R. Craig Sargent at the University of Kentucky, Lexington. The ABS award was mentioned in both the Columbia Daily Tribune and the St. Louis Post-Dispatch. The research that generated the attention was

The **ABS TREASURER'S REPORT** for the period 1 July, 1993 to 30 June 1994 will be published in the May issue of the Newsletter.

PROFESSIONAL ETHICS

6. THE ABS CODE OF ETHICS, 1995

by **Stuart Altmann**

Chair, ABS Ethics Committee

The ABS Code of Ethics was adopted in 1990. Several revisions have been made by the Executive Committee since then, particularly in the sections on handling cases of alleged misconduct. The Code in its present form is given below.

a. ABS Code of Ethics

[Added to Policy at 1990 E.C. Meetings; revised at 1992, 1993, & 1994 E.C. Meetings.]

Preamble--

The purpose of the Society shall be to promote and encourage the biological study of animal behavior in the broadest sense, including studies at all levels of organization using both descriptive and experimental methods under natural and controlled conditions. Accordingly, as members of ABS we must adhere to our Code of Ethics.

The Code--

Members of the Animal Behavior Society:

1. Will conduct their professional affairs in an ethical manner as prescribed in this Code, will endeavor to protect the profession of animal behavior from misunderstanding and misrepresentation, and will cooperate with one another to assure the rapid and accurate interchange and dissemination of knowledge about animal behavior.
2. Will use their knowledge, skills, and training to assist in achieving the harmonious interaction of the human species with other organisms.
3. Will not represent themselves as spokesperson for the Society or imply Society endorsement except with prior approval of the Executive Committee.
4. Will avoid and discourage plagiarism and the dissemination of false, biased, exaggerated, or otherwise unwarranted statements and data concerning animal behavior.
5. Will offer professional advice only on those subjects in which they are qualified, by virtue of professional training and experience.
6. Will neither harass nor request or accept inappropriate favor from students, employees, or colleagues.
7. Shall inform a prospective or current employer, colleague, student, or client of any professional or personal conflicts of interest that may impair their objectivity.

8. Shall neither seek employment, grants, or gain nor attempt to injure the reputation or opportunities for education or employment of students or colleagues by false, biased, or undocumented claims or accusations, or by any other malicious action.

9. Will not discriminate against students, employees, or colleagues on the basis of sex, creed, religion, race, color, national origin, life style, sexual orientation, economic status, organizational affiliation, or other irrelevant characteristics.

10. Shall carry out their work in accord with the Society's Policy, including the "Guidelines for the Use of Animals in Research" and the "Program for Certification of Applied Animal Behaviorists."

11. Shall be obligated, when they have substantial evidence of a breach of this Code, to bring such conduct to the attention of the Chair of the Ethics Committee or any member of the Executive Committee.

b. Procedure in cases of alleged misconduct by scientists

[Enacted at 1992 E.C. Meetings; revised 1993, 1994.]

1. Members of the Animal Behavior Society should report allegations of misconduct to the President or the Chair of the Ethics Committee.

2. Persons outside the Society may report to any member of the Society who should then report to the President or the Chair of the Ethics Committee.

3. The Ethics Committee shall be empowered to consider allegations of misconduct on the part of any member of the Society or anyone else who makes use of the Society's services and activities, such as its meetings and publications. After receiving an allegation, the Ethics Committee shall decide whether there are reasons to suspect that a violation of the Society's Code of Ethics has occurred. If so, the Ethics Committee shall notify the alleged violator of the nature of the allegations and shall request documentation from the parties involved.

After receipt of a response from the respondent, or at any time, the Committee may in its discretion decide that the complaint is one that is inappropriate for the Ethics Committee to pursue. The Committee may so decide for any reason which, in its discretion, leads it to conclude that the matter is inappropriate for further consideration, including but not limited to a belief that the Committee or the Society lacks the resources for obtaining evidence necessary for a sufficient investigation of the matter, or a conclusion that the matter under investigation is the subject of investigation by another organization or institution, so that it would be inappropriate for the Ethics Committee to continue its proceeding. Such a decision shall not preclude hearing a case already

decided by such an organization and taking advantage of their evidence or judgment.

4. Documentation of the case will be circulated to members of the Ethics Committee who will submit their written evaluation to the Chair of the Committee.

5. The Chair will prepare a written summary of the committee opinions and recommend action. This preliminary report will be circulated to members of the Committee and revised in accordance with their opinions and at the discretion of the Chair.

6. The final report and all documentation will be presented to the Executive Committee in executive session (only voting members present) by the Chair of the Ethics Committee.

7. A majority vote of the Executive Committee will decide the case. Penalties may include:

(a) Reprimand: a letter outlining the problem and suggesting that such behavior be avoided in the future will be sent.

(b) Suspension: (1) a letter outlining the problem and decision will be sent; (2) membership privileges in the Society will be revoked temporarily and the person involved may not author or coauthor any kind of paper at the annual meeting nor publish in the journal (*Animal Behaviour*) for a specified period of time.

(c) Dismissal: (1) a letter outlining the problem and decision will be sent; (2) membership in the Society is revoked permanently and the person involved may not author or coauthor any kind of paper at an annual meeting nor publish in the journal (*Animal Behaviour*) ever.

8. The decision of the Executive Committee will be communicated to the complainant and the respondent by letter from the President who chaired the Executive Committee meeting at which the decision was made.

9. The parties involved may appeal the decision to the President of the Animal Behavior Society within 30 days of receiving written notification of the decision of the Executive Committee. If appealed,

(a) The President will appoint an *ad hoc* Appeals Committee which will be chaired by the Second President-Elect, and will include the recently retired Past-President and an appointed member who is not a committee chair and is not a member of the Executive Committee or the Ethics Committee.

(b) The Appeals Committee will receive all materials relevant to the case from the Executive Committee and will review these materials and the Executive Committee's decision.

(c) The Appeals Committee may solicit any additional material they deem necessary. Respondents shall have the right to present new material not previously known or easily available to them.

(d) The Appeals Committee will submit a report to the Executive Committee for a decision at its next meeting. The Second President-Elect, as Chair of the

Appeals Committee. will answer any questions raised at the meeting. A majority vote of the Executive Committee, meeting in executive session, will decide the case. The decision of the Executive Committee will be communicated to the complainant and the respondent by letter from the President. This decision is final and may not be appealed.

10. Cases of alleged misconduct shall be subject to the following policies governing confidentiality, conflicts of interest, and public notice:

(a) Except as noted below, all information about a case, including the names of the respondent and the complainant, shall be held in confidence by all participants in the proceedings. The Chair of the Ethics Committee, of the Executive Committee, and of the Appeals Committee shall notify in writing all those with whom they deal in the handling of a case that the proceedings are confidential. The Chairs of each of these three committees may inform individuals who are directly involved in a case, such as witnesses or the Society's legal counsel, of relevant particulars in the case, on a need-to-know basis.

(b) At any time, if a member of any of these three committees believes that anything about the complaint and/or the parties thereto indicates that the member might be unable to offer a fair and impartial hearing, or could not be perceived as being fair, that member shall be recused. Recusal shall be mandatory for any committee member who is a party or witness in a case, or who has a direct pecuniary interest in its outcome. The Chair of the Ethics Committee shall inquire of each member of the Committee whether a pending case would present a conflict of interest for them. If so, that member shall be recused from the case and shall not be a party to any of the subsequent proceedings. The Chair of the Executive Committee and the Chair of the Appeals Committee shall proceed similarly with their committees.

(c) The Ethics Committee shall communicate its findings, evaluations, recommendations, and documents to the Executive Committee, as described in item 20 b 6, above, and to no one else.

(d) After expiration of the appeal period or after consideration of the appeal, a notice of the disposition of the case shall, at the discretion of the Executive Committee, be published in the NEWSLETTER. This notice shall be limited to a statement of the alleged violation and the final decision of the Executive Committee. It shall be so worded as to avoid identifying the parties involved.

(e) So as to facilitate the Ethics Committee's ability to carry out its mission, the Chairs of the Executive and Appeals Committees may inform the Ethics Committee of their committees' proceedings and deliberations on the case.

c. Procedure in cases of alleged misconduct by Certified Applied Animal Behaviorists.

[Enacted at 1992 E.C. Meeting, revised 1994]

1. Allegations of misconduct by a Certified Applied Animal Behaviorist may be reported to any other Certified Applied Animal Behaviorist or to the Chair of the Board of Professional Certification. Anonymous allegations will not be considered.

2. Certified Applied Animal Behaviorists should report allegations of misconduct by a Certified Applied Animal Behaviorist to the Chair of the Board of Professional Certification.

3. Depending on the alleged misconduct, the Chair of the Board of Professional Certification may direct the complaint to (1) the Board of Professional Certification, (2) the Ethics Committee (*to be handled under Sec. 21 b*), or (3) the Board of Professional Certification and the Ethics Committee.

4. After deciding to deal with a complaint, the Board of Professional Certification will request written documentation from the parties involved. Policies governing jurisdiction (*Policy 20 b 3*, second paragraph), confidentiality, conflicts of interest, and public notice (*Policy 20 b 10*) shall apply, *mutatis mutandis*.

5. Documentation of the case will be circulated to members of the Board of Professional Certification and the Ethics Committee, if the Committee is consulted. Members of the Board and Committee (if consulted) should submit their written evaluations to the Chair of the Board.

6. Based on the written statements, the Chair of the Board will prepare a written summary and recommend action. This preliminary report will be circulated to members of the Board (and, if consulted, the Ethics Committee) and revised in accordance with their opinions and at the discretion of the Chair of the Board.

7. After approval by consensus, the final report will be circulated to the Board of Professional Certification and, if consulted, the Ethics Committee. The final report must summarize the evidence, state the conclusion, and make a decision. Penalties may include:

(a) Reprimand: a letter outlining the problem and suggesting that such problematic actions be avoided in the future will be sent.

(b) Suspension: certification will be suspended for a period to be determined by the Board.

(c) Permanent decertification.

8. The final report and decision will be communicated to the parties involved and the Executive Committee by letter from the Chair of the Board.

9. Either party may appeal the decision to the President of the Animal Behavior Society within 30

days of receiving written notification of the decision of the Board. If appealed,

- (a) The President will appoint an *ad hoc* Appeals Committee which will be chaired by the Second President-Elect, and will include the recently retired Past-President and an appointed member who is not a chair of a committee or a member of the Executive Committee or the Board of Professional Certification.
- (b) The Appeals Committee will receive all materials relevant to the case from the Chair of the Board of Professional Certification and will review these materials and the decision rendered.
- (c) The Appeals Committee may solicit any additional material they deem necessary. Respondents shall have the right to present new material not previously known or easily available to them.
- (d) The Appeals Committee will submit a written report to the Executive Committee for a decision at its next meeting. The Second President-Elect, as Chair of the Appeals Committee, will answer any questions raised at the meeting. A majority vote of the Executive Committee, meeting in executive session, will decide the case. The final report of the Appeals Committee and the decision of the Executive Committee will be communicated to the parties involved by letter from the President. This decision is final and may not be appealed.

This is one in a series of columns devoted to issues of professional ethics that affect members of the Animal Behavior Society. Your comments and questions about these issues are welcome, and will be answered. Address them to Stuart Altmann, University of Chicago, 1507 E. 56 St., Chicago IL 60637; tel. 312-702-8919; fax 312-702-0988; e-mail alts@midway.uchicago.edu.

MEETINGS

1996 Meeting of the Animal Behavior Society will be held at Northern Arizona University, Flagstaff, AZ, Aug. 3-8, 1996. For information contact Con Slobodchikoff, Department of Biological Sciences, Northern Arizona University, Flagstaff, AZ 86011 USA.

XXIV International Ethological Conference will be held in Honolulu HI, August 10-17, 1995. The conference is open to all who are interested in ethology and allied fields and is sponsored by the University of Hawaii. There will be five days of plenary sessions, contributed oral, video, and poster papers and films interrupted by a free day for excursions. For information contact Ernst Reese or George S. Losey, Dept. of Zoology, University of Hawaii, 96822, USA. E-mail: IEC@zoogate.zoo.hawaii.edu.

Ohio Wesleyan University will host its fourth Clark Ornithology Symposium on March 3, 1995. The topic, birds and agriculture, will be discussed by Douglas H. Johnson, Northern Prairie Research Center; Michael Hooper, Institute of Wildlife and Toxicology, Clemson University; Kathryn Freemark, USEPA and Environment Canada; Louis B. Best, Iowa State University; and Raymond O'Connor, University of Maine. For further information please contact Jed Burt, Department of Zoology, Ohio Wesleyan University, Delaware, OH 43015 (Ph. (614)368-3886; Fax: (614)368-3299; e-mail: EHBURTT@CC.OWU.EDU).

1995 The Midwest Animal Behavior Conference will be held at Miami University, Oxford, OH from April 28-30, 1995. Registration will begin Friday (6PM-10PM), 28 April and continue through Saturday, 29 April. Paper sessions will take place all day Saturday and on Sunday until noon. The keynote address will be given by Dr. William McGrew whose speciality is the socioecology of primates, and will take place following dinner Saturday evening. Information about registration and lodging may be obtained from Doug Taylor, Department of Zoology, Miami University, Oxford, OH 45056. Ph. (513) 529-3103, e-mail: Taylor@msmail.muohio.edu.

A symposium entitled, Finding Food: Neurothological Aspects of Foraging is to be held October 6-8 1995 at the University Of Massachusetts, Amherst, in honor of Professor V.G. Dethier (1915-1993). Session chairs are: Alan Gelperin, John Hildebrand, Al Kamil and Mark Konishi. Speakers include: Dave Stephens, Lucy Jacobs, Bernie Røitberg, Janis Weeks, Gilles Laurent, Brian H. Smith, Masashi Kawasaki and Jim Simmons. For further information contact Gordon Wyse or Elizabeth Bowdan, Department of Biology, University of Massachusetts, Box 35810, Amherst, Mass. 01003-5810. e-mail: gwyse@bio.umass.edu or ebowdan@bio.umass.edu. Fax: (413)545-1696.

A symposium on the Nutrition and Medicine of New World Primates will be held by the New World Primate Taxon Advisory Group of the American Zoo and Aquarium Association (AZA) on March 12, 1995, preceding the Great Lakes Regional Meeting of the AZA and hosted by the Louisville Zoo. The one-day Symposium will emphasize primate life cycles (i.e., pregnancy, lactation, neonatal and geriatric). Speakers will discuss the physiological changes and management of diseases that may occur during each. Contact Dr. Peregrine Wolff, Minnesota Zoological Garden, 13000 Zoo Boulevard, Apple Valley, Minnesota 55124, USA. Ph. (612)431-9367, Fax: (612)431-9367.

In the Company of Animals, a cross-disciplinary conference designed to explore the complex and increasingly controversial relationship between humans and other animals, will be held on April 6, 7, and 8, 1995, at the New School for Social Research in New York City. The conference will feature seven sessions in which leading scientists, humanists, and activists will examine animal-human relationships through the ages, thereby giving both professionals and laymen an historical and cultural framework that can contribute to a resolution of related problems. The conference is sponsored by *Social Research*, the international quarterly of the New School's Graduate Faculty of Political Social Science. Contact Evelyn Roberts, "In the Company of Animals," Social Research, 65 Fifth Avenue, New York, NY 10003, Ph. (212)229-5755.

Seventh International Conference on Human-Animal Interactions will take place in Geneva Switzerland, from 6 to 9 September 1995, and will be hosted by IEMT-Switzerland and Afirac (France), on behalf of the International Association of Human-Animal Interaction Organizations. "Animals, health and the quality of life" will be a goal oriented conference focusing on the costs and benefits of companion animals to human mental and physical health, and their value in treatment of physical and mental health problems. The conference will be open to all who are interested. Contact Tristan Follin, AFIRAC, 7, rue du Pasteur Wagner, 75011 Paris, France. Tel: 33-1 49 29 12 00; Fax: 1 48 06 55 65.

ANNOUNCEMENTS

The American Institute of Biological Sciences (AIBS) requests proposals for discussions, symposia, or workshops for the 1995 AIBS Meeting. Proposals should indicate type of session and include a provisional title, a one-paragraph justification, special room requirements, list of participants, and any other information that might help AIBS determine the suitability of the proposed session. For information concerning participant registration, scientific and commercial exhibit space, etc. contact the AIBS Meetings Department, 730 11th Street, N.W., Washington, D.C. 20001-4521, or call (202)628-1500 or (800)992-2427, Fax: (202)628-1509. Send materials to the AIBS Meeting Coordinator at address above.

Workshop in Plant-Animal Interactions: Flowers and Pollinators. A NSF funded workshop for faculty who teach undergraduate students and who are interested in learning research techniques that they can then incorporate in classes and laboratory exercises at their home institutions,

will use flowers and pollinators to investigate a variety of perspectives on plant-animal interactions. It will be taught 10-24 August, 1995 at the Rocky Mountain Biological Laboratory in Gothic, Colorado, by Drs. David Inouye, Carol Kearns, James Thomson, and Nick Waser, with assistance from others at the Laboratory. All expenses will be paid for participants by the NSF grant. Contact Dr. David Inouye, Rocky Mtn. Biological Laboratory, P.O. Box 519, Crested Butte, CO 81224. Ph. (303)349-5801, e-mail: di5@umail.umd.edu. Women, minorities, and persons with disabilities that are not incompatible with field research are encouraged to apply.

Reconciliation Study Group Formed.

A "Reconciliation Roundtable" was held at the 17th Annual Meetings of the American Society of Primatologists (ASP) in Seattle, WA in 1994. The RSG was formed as a consequence to provide a forum for exchange of ideas about reconciliation and post-conflict research. The RSG now numbers 40+ and we welcome more. We especially encourage non-primatologist to join because we believe that reconciliation and conflict resolution are not limited to primates. Another initiative is the compilation of a bibliography on post-conflict behavior in primates and other animals. The bibliography will be posted on Primate Info Net and other servers. Contact Darlene Smucny. E-mail ny6@cu.nih.gov; Fax: (301)496-0630 or Filippo Aureli, e-mail: aureli@rmy.emory.edu; Fax: (404)727-7845.

Call for Proposals: The Center for Field Research (CFR) invites proposals for 1996 field grants awarded by its affiliate Earthwatch. Earthwatch is an international non-profit organization dedicated to research and public education in the sciences and humanities. Earthwatch field grants average \$20,000. These funds are derived from the contributions of Earthwatch members who pay for the opportunity to join scientists in the field and assist with data collection and other research tasks. Earthwatch field grants cover the costs of maintaining volunteers and principal investigators in the field, and may help with other field expenses. Preliminary proposals should be submitted at least 13 months in advance of anticipated field dates. Full proposals are invited upon review of preliminary proposals. For information, contact Dee Robbins, Life Sciences Program Director, The Center for Field Research, 680 Mt. Auburn Street, Watertown, MA 02172. Ph. (617)926-8200, Fax: (617)926-8532. e-mail: drobbins@earthwatch.org, or Sean Doolan, Scientific Development Officer, Earthwatch Europe, Belsyre Court, 57 Woodstock Rd. Oxford, OX2 6HU, U.K. Ph. (0865) 311 600, Fax: (0865) 311 383, e-mail: Doolan@vax.oxford.ac.uk

Power Macintosh Real-Time Animal Tracking. A system composed of an Apple Power Macintosh (and AV model), a video camera, and software that tracks an animal on a heterogeneous background has now been validated using cockroaches, flea larvae, and small predaceous mites. Arena size may be up to 80 times the body length of the tracked specimen. The path is recorded as a series of Cartesian coordinates. The system produces real-time readout of speed and rotation rate at up to 7.5 frames/sec. Run time is limited only by hard disk size. Files hold series of observations, each with 7 elements (frame number, elapsed time, X, Y, compass heading, speed, & turning readings). Replay gives mean speed and a graphic trace of the path. For more details see *Advanced Imaging*, Jan. 1994, pp 44-46 or contact James B. Hoy, USDA-ARS-MAVERL, P.O. Box 14565, Gainesville, FL 32604 Ph. (904)374-5991, Fax: (904)374-5818.

Home Range Analysis for Macintosh Computers: Wildtrak is an integrated package of non-parametric home range analyses for use with radio-tracking and other locational data. Text format data files with up to 20 fields and 3000 fixes may be used. Analyses include Animation, autocorrelation, drift, dynamic interaction, grid cell analysis, movements, polygon analysis and static interaction. The package also includes a utility for conversion of bearing station data to coordinates. Results may be saved to text files or printed. Wildtrak 2 will have additional functions and features including habitat preference analysis and harmonic mean analysis. Contact: Dr. Ian Todd, 6, Sollershott House, Linkside Av., Oxford, OX2 8JA U.K. International Tel.: +44 1865 58358.

OPPORTUNITIES

Position Open: Director, Karisoke Research Center, Parc National des Volcans, Rwanda, Africa. The Dian Fossey Gorilla Fund continues the study and conservation of mountain gorillas and their afro-montane habitat started by the late Dr. Dian Fossey in 1967 at the Karisoke Research Center in Rwanda, Africa. The Director coordinates all conservation and research activities based at the center and supervises a Rwandan staff of 31 employees. Ph.D. and fluent French required (Swahili helpful). Independent research possible. Contract for one year, renewable for a second year. For further information contact: Dr. H. Dieter Steklis, The Dian Fossey Gorilla Fund, Dept. of Anthropology, Rutgers University, P.O. Box 270, New Brunswick, NJ 08903-0270. Ph. (908) 932-7602, Fax: (908) 932-1564, email: Steklis@gandalf.rutgers.edu.

Field Research Assistants (5) needed, 15 April-31 July 1995, for population dynamics and bird-habitat research on breeding birds in bottomland hardwood forests of Roanoke River, NC. Duties include censusing birds, finding and monitoring nests, surveying vegetation and recording behavior. Skills needed: bird identification by sight and sound, ability to work long hours under adverse conditions. Point-count, nest finding, and small boat experience helpful. Salary \$1200.00/mo. Housing provided. Please send resume and names/addresses of three references to Jeff Walters, Roanoke River Project, Dept. of Biology, Virginia Tech, Blacksburg, VA 24061-0406. Deadline: 15 March 1995.

Volunteer Field Assistants needed for a study of nest association between pumpkinseed sunfish and golden shiners in upstate New York, from mid-May to late July, 1995. Research will be conducted at the E. N. Huyck Preserve or at Cornell University, NY. Volunteers will assist in capturing and marking fish and collecting data on breeding success. Field experience helpful. Assistants must provide food and transportation to Albany, NY. Housing may be provided. Contact Binbin Shao, Dept. of Biological Science, State University of New York, Albany, NY, 12222. E-mail: bs7193@albnyvm1.edu.

Volunteer Research Assistants needed for a study of behavioral and physiological mechanisms of reproductive synchrony in female sable antelope at the National Zoological Park's Conservation and Research Center in Front Royal, VA. Duties include behavioral observations, collection of fecal samples, and laboratory analyses of steroid hormones. Prior experience conducting behavioral observations is helpful. A driver's license and ability to drive a manual transmission is required. Assistants are needed year-round. Preference will be given to those who can work at least three months. Assistants are provided dormitory housing. Send a letter of interest, resume, and two letters of recommendation to Dr. Kaci Thompson, Conservation and Research Center, 1500 Remount Road, Front Royal, VA 22630.

Field assistant needed from April 15 to August 5, 1995 to participate in a study of nesting California Gulls in Laramie, Wyoming. Exact starting date is negotiable. Duties include trapping and banding gulls, locating and monitoring nests, and conducting behavioral observations. Assistant work seven days a week, long hours. Must possess a driver's license. Position includes salary and transportation to the site. Send cover letter and resume to Dr. Bruce H. Pugesek, National Biological Survey, Southern Science Center, 700 Cajundome Blvd., Lafayette, LA 70506 Ph.(318)266-8560; fax: (318)266-8513.

Postdoctoral and Graduate Opportunities in Animal Behavior at Indiana University. The NSF-supported Center for the Integrative Study of Animal Behavior at Indiana University seeks outstanding candidates for training that combines approaches from biology, neuroscience, and psychology in the study of animal behavior. Deadlines for application to graduate programs are past. Postdoctoral candidates (who must be permanent residents or citizens of the US) should have applied by February 1, 1995 to guarantee consideration for positions beginning in the fall of 1995, but application is still possible. Inquiries to CISAB 402 N. Park, Indiana University, Bloomington, IN 47405; Ph. (812)855-9663; Fax: (812)855-0411; e-mail: lprincio@indiana.edu. Additional information about the Center for the Integrative Study of Animal Behavior can be accessed via Gopher at gopher.cisab.indiana.edu. Indiana University is an Affirmative Action/Equal Opportunity Employer. Applications by members underrepresented in the sciences are encouraged.

Graduate Assistantships in Avian Sleep. The physiology and behavioral ecology of avian sleep are virtually unexplored areas of research that can range from laboratory studies in neurophysiology to ecological studies in the field. We seek students interested in pursuing MS or Ph.D. degrees. Contact Dr. Charles J. Amlaner or Dr. Steven L. Lima, Department of Life Sciences, Indiana State University, Terre Haute, IN 47809. CJA e-mail: LSAMLAN@SCIFAC.INDSTATE.EDU; SLL e-mail: LSLIMA@SCIFAC.INDSTATE.EDU; Ph. (812)237-2400, fax (812)237-4480

University of Washington - Animal Behavior Tenure-track assistant professor position for a person broadly trained in animal behavior and with research interests in one or more of the following areas: evolutionary perspectives on learning, behavioral ecology, integrative approaches to animal behavior (such as molecular or physiological). Candidate would be expected to maintain a strong research program, participate in the teaching program of the department and interact with other members of department and interdisciplinary programs in animal behavior and behavioral neuroscience. Send a vita, statement of research and teaching interests, and a sample of recent reprints or preprints to: Animal Behavior Search Committee, Department of Psychology, NI-25, University of Washington, Seattle, WA 98195. Three letters of recommendation should be sent to this same address. Priority will be given to applications received by March 1, 1995. The University of Washington is building a culturally diverse faculty and strongly encourages applications from women and minority candidates.

Washington State University - Animal Well-Being: Washington State University invites applications and nominations for an Assistant or Associate Professor (Animal Well-Being). This is a tenure-track, 12-month appointment. The individual must have a Ph.D. or a D.V.M. and advanced training in animal welfare or behavior. The ability to communicate and collaborate effectively with others in teaching, research and the public are essential. Specific responsibilities include instruction at the undergraduate and graduate/professional school level, establishment of a productive, extramurally funded research program, and interaction with the University and livestock industry and public sectors on animal welfare issues. Experience in and familiarity with livestock or aquaculture production practices is highly desirable. To ensure consideration, send a cover letter describing qualifications and goals for the position, curriculum vitae, complete college transcripts, and names, addresses and FAX numbers of three references to: Raymond W. Wright Jr., Search Committee Chair, Department of Animal Sciences, Washington State University, Pullman WA 99164-6332 (Tel: 509-335-4125; Fax: 509-335-1074). Screening of applicants will begin April 3, 1995 and continue until the position is filled. EEO/AA/ADA.

Ornithologist/Population Biologist/Animal Behaviorist. Temporary (2 year) position with the National Biology Survey is anticipated for individual to work on a long term study of California gulls in Wyoming. Research focuses on gull reproductive biology and dynamics of age-structured populations, and on quantitative methods for population research. Incumbent will spend up to 4 months in the field and the remainder of the year in Lafayette, Louisiana. Individuals with MS or Ph.D are encouraged to apply and must begin by May 1995. Contact Bruce Pugsek (318-266-8560).

Research assistant positions are anticipated for the spring of 1995 to fall of 1997 in Lafayette, LA. The incumbent will aid in developing, and conducting a study evaluating effects of land use and management practices on forest habitats and wildlife diversity. This person will also assist in the preparation and analysis of data. Salary is anticipated to be in the range equivalent to the GS-9 and 11 levels. Qualifications include MS or Ph.D. degree in zoology or in the wildlife sciences with an emphasis in vertebrate community ecology. Individuals interested in this position should call or write to Dr. Bruce H. Pugsek, National Biological Survey, Southern Science Center, 700 Cajundome Blvd., Lafayette, LA 70506. Ph.(318)266-8560; fax: (318)266-8513.

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