



ISBE Newsletter

- THE INTERNATIONAL SOCIETY FOR BEHAVIORAL ECOLOGY -

PRESIDENT: LINDA PARTRIDGE, EDINBURGH



EDITORIAL

Perhaps the summer of 1991 will be remembered as one of the most amazing moments in modern history, where an essentially peaceful transition to another world had happened. In one respect, however, this summer must have been like any other: The summer gap was striking again, although it keeps us wondering about the Southern Hemisphere. With most of our readers surely gone to some distant field site, staying clear from their phones, faxes, e-mails and writing desks, not much trickled in here. There was some activity, however, although behind the scenes. The Princeton meeting is being prepared, and new elections for the society's executive are required. To check for details, see this issue. The editors and board of *Behavioral Ecology* must also have been working hard, for every new issue of the journal suggests that it sets standards for the field. Financially, the journal is also doing well when compared with the predicted goals. Nevertheless, may we remind you that subscriptions have to be renewed annually, and that every subscription is essential for the success of the journal and the society. As with any other journal, *Behavioral Ecology* needs subscriptions by institutions to survive. Although this seems not a time when literacy and science are high on the agendas of governments and administrations, still check with your library and suggest the society's periodical. Similarly, we think that information about meetings and professional opportunities are very valuable to the readership of the Newsletter, but we would welcome other contributions that reflect the thoughts of the members on any relevant issue.

SOCIETY NEWS

- ⊗ In an update of the situation (June), Oxford University Press reports the financial status for the first volume of our journal *Behavioral Ecology*. Overall, OUP is pleased with the results. Circulation is above the projected membership. For the society, a surprisingly large number of student subscriptions is particularly pleasing. Hopefully, all these subscriptions will be renewed by end of the year. OUP is also confident that the start up problems which led to delays in the release of issues have now been resolved. The journal should thus get on schedule in the near future.

Despite all these good news, library subscriptions remain a problem. We should have more of those. So, check your library ! Also, make sure that your renewal for the journal is made in time. This will help to keep *Behavioral Ecology* running and become an ever increasing important reference.

- ⊗ The current officers of the society (1990-1992) are:
L.Partridge (President), L.Dill (President-Elect), F.Huntingford (Secretary), P.Schmid-Hempel (Treasurer), and the councillors P.Gowaty (-1994), A.Lundberg, T.Roper (-1994), and R.Thornhill.

✕ Call for nominations !

Replacements of officers are due by 1992. Therefore, nominations are sought for the following positions on the society executive:

- > President-elect
- > Secretary
- > Treasurer
- > Two Councillors

Positions are for two years (for the President-elect, Secretary and Treasurer), or four year terms for the Councillors, beginning at the Princeton meeting in August 1992. The President-elect becomes President in 1994 (at the Nottingham meeting) for an ad-

ditional two years. Two councillors are replaced every two years. Holdovers from the present executive are therefore Larry Dill, Patricia Gowaty and Tim Roper.

Nominations should be accompanied by a statement indicating the nominee's willingness to stand for election and a short biography (100 words maximum) to be distributed with the ballots in February. All materials should be received by January 1, 1992. The Nominating Committee, consisting of Larry Dill (Chair), Patricia Gowaty, Felicity Huntingford, and Arne Lundberg, may nominate additional candidates. Please address all correspondence to:

Larry Dill,
Dept.of Biological Sciences
Simon Fraser University
Burnaby, B.C. V5A 1S6
Canada
Fax (604) 291-3496
e-mail:UserLMDL@cc.sfu.ca

- ⊗ **Editors of the Newsletter:** Both of the current editors were moving around during this summer. It is therefore possible that your contribution or message did not reach us. If that happened, we apologize and ask you to try again. Both of us will be at new addresses, however. Check at the end of this Newsletter !

MEETINGS OF INTEREST

There are a number of meetings that should be of interest to members of ISBE.

in 1991:

- ✕ **12 th Annual Midwest Conference on Population Biology.** Northern Illinois University, DeKalb, Illinois, USA, 25-27 October 1991. 13 invited speakers, contributed poster session in evolution, ecology and behavior. Contact: Bethia King (Ph: 815-753-8460; Bitnet: T80bhkl@niu), or: Richard King (Ph: 815-753-3205; Bitnet: T80rbkl@niu), or: Sam Scheiner (Ph: 815-753-7847; Bitnet: T80smsl@niu), Dept.of Biological Sciences.
- ✕ **The XVI th Annual Meeting of the Society Quebecoise pour l'Etude Biologique du Comportement.** Montreal, Quebec (Canada), 1-3 November 1991. Plenary session plus open contributed papers and posters. Includes a **special symposium on the behavioral ecology of learning.** Contributed papers and posters need not address this theme and may be presented in French or English. Contact: Luc-Alain Giraldeau, Dept.of Biology, Concordia University, 1455 de Maisonneuve Blvd, West, Montreal, Quebec H3G 1M8. (Ph: +1/514-848-3425; fax: +1/514-848- 3494).
- ✕ **Northeast Regional Animal Behavior Society.** Amherst, Massachusetts, 1-3 November 1991. Behavioral Ecology Group and the Neuroscience and Behavior Program. Details will be mailed to "Northeast" members of ABS. Address inquiries to: NERABS, c/o Don Kroodsma, Dept.of Zoology, University of Massachusetts, Amherst MA 01003-0027.
- ✕ **9 th Biennial Conference on the Biology of Marine Mammals.** Chicago Marriott Hotel, Chicago, USA, 5-9

December 1991. Hosted by the John G.Shedd Aquarium and the Chicago Zoological Society. Contact: William P.Braker, Director, John G. Shedd Aquarium, 1200 South Lake Shore Drive, Chicago, IL 60513.

- ✕ **ASZ Meeting 1991.** The American Society of Zoologists willhold its annual meeting in Atlanta, Georgia, from 27-30 December 1991. A symposium entitled "Basic Animal Research in Zoos: A Link with the Wild" is planned.Oral contributed papers are scheduled for Dec 27, 28, and 29. Contact: Mary Adams Wiley, American Society of Zoologists, 104 Sirius Circle, Thousand Oaks, CA 91360, or: Cheryl Asa, St.Louis Zoo, Forest Park, St.Louis, MO 63110, USA.
- ✕ **The IV th Neotropical Ornithology Congress,** in Quito, Ecuador. 3-9 November 1991. For information, contact Nancy Holbert de Benavides, Secretary, Organization Committee, IV Neotropical Ornithology Congress, Executive Director, CECIA, ICBP, Ecuador.
- ✕ **Symposium on Predation.** Zoological Society meeting rooms, Regent's Park, London, UK. 22-23 November 1991. Organized by the Mammal Society and Zoological Society of London. Includes: adaptations of predators, predatory tactics, management of predators. Contact: N.Dunstone, Dept.of Biological Sciences, University of Durham, South Road, Durham, DH1 3LE, U.K.

in 1992:

- ✕ **! The most important event !**
Fourth International Behavioral Ecology Congress. Princeton University, Princeton, New Jersey, 17-22 August 1992. The conference will include five plenary addresses, 200 contributed papers, 400-500 posters, 10-20 videos.

For information please contact ISBE Committee, Dept. of Ecology and Evolutionary Biology, Princeton University, Princeton, New Jersey 08544-1003, USA.

A second announcement for this conference should be coming out by September.

- ✕ **ASZ Meeting 1992.** Vancouver, B.C. Canada. A symposium entitled "Cannibalism and Infanticide" organized by Gerard FitzGerald is scheduled.
- ✕ **The History of the Knowledge of Animal Behavior.** International colloquium to be held in Liege, Belgium, 11-14 March 1992. Contact: Colloque "L'histoire de la connaissance du comportement animal", c/o Service Colloques et Congres, Universite de Liege, Place du 20-aout 32, 6 Etage, B-4000 Liege, Belgium.
- ✕ **ASAB Easter Meeting 1992.** University of Sheffield, 26-27 March 1992. Contributed papers and posters. Contact: Kate Lessells, Dept. of Zoology, University of Sheffield, Sheffield S10 2TN, U.K.
- ✕ **ABS Meeting 1992.** Queen's University, Kingston, Ontario, Canada, 13-18 June 1992. Address inquiries to: L.Ratcliffe or K.Wynne-Edwards, Dept. of Biology, Queen's University, Kingston, Ontario, K7L 3N6, Canada.
- ✕ **6 th International Conference on Human-Animal Interactions.** Palais des Congres, Montreal, Canada, 21-25 July 1992. Contact: P.O.Box 313, Station B, Ottawa, Canada K1P 6C4 (Ph: +1/ 613-747-0262; fax: +1/ 613-745-1846).
- ✕ **Fourth Annual Meeting of the Human Behaviour and Evolution Society.** University of New Mexico, Albuquerque, New Mexico, 23-26 July. Abstracts should be submitted by April 1, 1992, to the program co-

chairs: Martin Daly and Margo Wilson, Dept. of Psychology, MacMaster University, Hamilton, Ontario, Canada L854 K1. For information about the meeting contact: Nancy Thornhill or Randy Thornhill, Dept. of Biology, University of New Mexico, Albuquerque, New Mexico 87131, USA (Ph: +1/505-277-2804; fax: +1/505-277-0304; email: Nthorn@unmvm).

The Human Behavior and Evolution Society was formed in 1989 to promote scientific discourse among researchers in all disciplines who use scientific methodology and the adaptationist program or microevolutionary analyses in their study of humans. Studies of non-human species are encouraged, when those studies address significant evolutionary issues, particularly as they apply to human evolution.

- ✕ **International Workshop on Non-Apis Bees and their Role as Crop Pollinators.** Utah State University, Logan, Utah, USA. August 1992. Includes sessions on bee ecology, behavior, evolution, biosystematics, and on special groups. Contact: USDA ARS Bee Biology and Systematics Laboratory, Utah State University, Logan, Utah 84322-5310, USA.
- ✕ **9 th International Bat Research Conference.** Madurai, India. 3-7 August 1992. Contact: G.Marimuthu, Dept. of Animal Behavior, School of Biological Sciences, Madurai Kamaraj University, Madurai 625021, India.
- ✕ **Individuals, Populations, and Patterns.** at University of East Anglia 7-10 September 1992. Contact: S.R.Leather, Forestry Commission, Northern Research Station, Roslin, Midlothian EH24 9SY, U.K.
- ✕ **Genetics and Evolution of Aquatic Organisms.** University of Wales, Bangor, Wales, U.K. 10-16 September 1992. Topics include taxonomy, speciation, karyology, molecular population

genetics (allozyme, DNA), clonal reproduction, genetics in relation to aquatic pollution and aquaculture. Keynote speakers, contributed papers and posters, round table discussions. Contact: Andy Beaumont, University of Wales, Bangor, School of Ocean Sciences, Menai Bridge, Gwynedd LL59 5EY, Wales UK. (Ph: +44/ 248-35-1151; fax: +44/ 248-71-6367; email: UK.AC.BANGOR.VAXA {...site...} OSS007 {...person...}; Telex: 61100 UCNWG). Abstracts, registration by 1st March 1992.

- ✕ **Summer Conference ASAB.** Glasgow, 16-18 September 1992, on **Life History Strategies**. Submitted and invited papers and posters. Contact: Neil B. Metcalfe, Zoology Department, Glasgow University, Glasgow G12 8QQ, U.K. (Ph: +44/ 41-339-8855, ext. 5968; fax: +44/ 41-330-5971).
- ✕ **ASAB Winter Meeting 1992.** At London Zoo, 3-4 December 1992, on **The Ecology of Social Systems**. Contact: Robin Dunbar, Dept. of Anthropology, University College London, Gower Street, London WC1E 6BT, U.K.

in 1993:

- ✕ **ABS Meeting 1993.** University of California, Davis, 24-30 July 1993. Contact: Benjamin Hart, Dept. of Physiology, School of Veterinary Medicine, University of California, Davis CA 95616.
- ✕ **Third Latin-American Congress of Herpetology.** Campinas, Sao Paulo, Brasil, 12-18 December. Contact: Camissao Organizadora 3. CLAH, Departamento de Zoologia, 1B, Universidade Estadual de Campinas, 13081 - Campinas, SP, Brasil.

OPPORTUNITIES

- ✓ **Postdoctoral Research Fellow in Insect Reproductive Behavior.** A Australian Research Council project grant with Drs. W.J. Bailey and L.W. Simmons. Project is on tettigoniid mating systems with emphasis on acoustic behavior. Due to a resignation there are two years left on a three year grant. Fellow is expected to participate in research close to the project's existing aims, although development of new areas of investigation would be encouraged. Successful applicant must have PhD or one very close to completion and should be able to start by January 1, 1992. Removal costs to and from Australia, or within Australia will be covered by the grant. Salary is A\$ 31'178 - 34'584. Contact: W.J. Bailey, Dept. of Zoology, University of Western Australia, Perth, Western Australia 6009 (Ph: +61/ 9-380-2241; fax: +61/ 9-380-1029).
- ✓ **Research assistanship.** A PhD stipend is available beginning August 1991, as part of a BLM funded research project on Snake River Birds of Prey Area near Boise, Idaho. MS required, 5 mos per year in the field. Behavioral study of the Townsend's ground squirrel, interest in environmental physiology useful. Contact: Dr. Beatrice van Horne, Asst. Prof., Dept. of Biology, Colorado State University, Fort Collins CO 80523 (Ph: 303-491-0953, or 303-491-7011).
- ✓ A number of positions are available as of October 1991 in the new **Institute for Terrestrial Ecology, Dept. of Environmental Sciences, ETH Zürich, Switzerland.** The group will be involved in research on terrestrial systems, the evolutionary ecology of host-parasite interactions, as well as with the integration of different levels of analysis, from individuals to populations and communities. Positions include: 1 Assistant (corresponding to

Asst Professorship) in **Population Biology / Evolutionary Ecology** and **1 Assistant** (corresponding to Asst Professorship) in **Population / Evolutionary Genetics**. Positions are for 4-6yrs with possibility of receiving permanent status. Postdoctoral experience required. **1 Post-doc position** in the areas of ecology; evolution, or behaviour. The position is on a 2 yr basis. **1-2 Ph.D. Positions** in the above fields. Positions are expected to be filled in during 1992. Applications (with C.V., publ.list, names of referees, and statement of interests) should be received by December 15, 1991. Contact: P.Schmid-Hempel, Prof., ETH-Zentrum (Schlieren), Institut f.Terrestrische Oekologie, CH-8092 Zürich, Switzerland.

- ✓ **Faculty Positions.** The Department of Psychology, University of Wisconsin, anticipates making one or more faculty appointments beginning August, 1992, in one or more areas. One of the appointments is in **biological psychology** at the Assistant Professor level. Candidates working on any aspect of the biological bases of behavior including animal behavior, neuro-ethology, behavioral neuroscience etc. will be considered. A curriculum vita plus three letters of evaluation and selected reprints should be sent to: Search Committee, Biological Psychology, Dept.of Psychology, University of Wisconsin-Madison, 1202 West Johnson St., Madison WI 53706. The University of Wisconsin is an equal opportunity / affirmative action employer, and especially encourages women and minorities to apply. To ensure consideration, applications should be received by November 1, 1991.

- ✓ **Women's Studies / Biological Sciences.** The Women's Studies Program of the University of Georgia invites applications for a tenure-track position at the assistant professor level to be jointly appointed between

women's studies and an appropriate field. Speciality fields must be biologically related and must include women or gender-related topics. Research interests such as animal behavior, anthropology (biological, nutritional, and medical), biochemistry, nutrition, psychology, and zoology are appropriate. PhD.degree, promise in research and teaching, and a strong commitment to women's studies are required. The appointment begins September, 1992. Send a curriculum vitae, statement of research interests, evidence of commitment to women's studies, and names of three references by November 15, 1991 to: **Search Committee, Women's Studies Program, University of Georgia, 230F Main Library, Athens, GA 30602.** The University of Georgia is an equal opportunity/affirmative action institution.

- ✓ **Graduate Students or Postdocs** are needed to participate in a study of the behaviour, ecology and demography of Tasmanian native hens (*Tribonyx mortierii*). In our population of native hens, groups exhibit a great variety of mating systems, including monogamy, cooperative polyandry, polygyny and non-reproductive helpers. We began our study, located in an island national park off the coast of Tasmania, Australia, in Dec. 1989 and now have 35 groups of native hens fully banded. The population density is high, the birds are easy to trap and observation conditions are excellent. We are especially interested in getting other people involved in the field work by Sept. 1992. Students or postdocs could be affiliated with any university, but would have to find most of their own funding. For more information, contact **Anne and Alan Goldizen. Between Sept.1991 and March 1992, we will be at Maria Island National Park, Triabunna TAS 7190, Australia.**

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- ✓ **Several Field Assistants** are needed for ongoing long-term studies of the behavioral ecology of cooperative breeding in Acorn Woodpeckers and Western Bluebirds and of non-cooperative breeding Scrub Jays at Hastings Reservation in upper Carmel Valley, California. Positions run from late March or early April 1992. Duties include censusing and banding birds, behavioral watches, and participation in field experiments. Experience in handling birds desirable, but enthusiasm for observing them a must. All positions include housing and a modest stipend. One position would be particularly appropriate for a couple, one of whom is interested in child care. Contact **Walt Koenig or Janis Dickinson, Hastings Reservation, 38601 E. Carmel Valley Rd., Carmel Valley, CA 9324. Phone: 408-659-2684**

 - ✓ **Canadian Research Opportunity with Richardson's Ground Squirrels** for researchers seeking a study site with animals of known histories. Research site located 40 km from the University of Lethbridge, Alberta, Canada. Ground squirrels have been ear-tagged since 1986; maternal kinships known for 6 generations. This readily-trappable and easily-observable squirrel is ideal for studies of mate choice, mating success, social and spatial relationships, reproductive energetics, hibernation ecology, survival and fecundity. Researchers planning non-invasive behavioral, ecological, or physiological studies compatible with ongoing research will be considered. Limited research funds available; no salary support available. The University of Lethbridge is an undergraduate institution. Graduate students with affiliations at other institutions or postdoctoral fellows welcome. For further information, contact **Gail R. Michener, Biological Sciences, University of Lethbridge, Alberta, Canada, T1K 3M4. Phone: 403-329-2568 or 403-732-4630.**
- ✓ **Experienced Great Ape Keeper:** Full-time position available with a non-profit research foundation to assist with ongoing research. Unique opportunity to work with gorillas. Responsibilities include care and maintenance of animals, food preparation, hands-on cleaning, data collection and tallying, record keeping, general office work. This individual must be able to work closely and effectively with a variety of others. The position is full-time (40 hours per week) with a work week that includes both Saturday and Sunday. We desire someone who is alert, animal oriented, aware/perceptive of people as well as animals, hard working, able to follow instructions, possessor of good judgement, initiative and is career-oriented. We are seeking an experienced great ape keeper and an entry level individual (each possessing a stable track record) to join our staff. ASL experience is preferred but not required. Salary will be commensurate with qualification and experience. Send letter of interest, resume and salary requirements to **Dr. Francine Patterson, Box 620-530, Woodside CA 94062.**
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MISCELLANEOUS

- **John T. Emlen Lectures.** The University of Wisconsin, Madison, is pleased to announce an annual lecture series in honor of John T. Emlen, Emeritus Professor of Zoology. Three or four outstanding young scientists in **animal behavior and behavioral ecology** will be invited each year to present their research in a formal lecture and to meet informally with undergraduate and graduate students as well as faculty and staff. John T. Emlen was one of the first scientists to integrate the study of behavior with the study of ecology and in addition to his own research, he has contributed greatly to the training of young scientists. The 1991-1992 lecturers are David L. Clark, University of Cincinnati, Rachel N. Levin, Pomona College; Catherine Marler, University of Texas. The Emlen Lectures are supported with funds from the University of Wisconsin, Madison Graduate School Research Committee. For more information, contact: Charles T. Snowden, Psychology Dept., University of Wisconsin, Madison WI 53706.

EDITOR'S ADDRESSES**Paul Schmid-Hempel**

(Paul is moving to a new place by October 1, 1991):

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No links yet, but for further information:

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Nancy Thornhill

(Nancy will be on leave from Albuquerque from October 1991 to July 1992):

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