
INTERNATIONAL SOCIETY FOR BEHAVIORAL ECOLOGY
ISBE NEWSLETTER

Newsletter Editor: Ron Ydenberg, Department of Biological Sciences,
Simon Fraser University, Burnaby, B.C. Canada V5A 1S6
telephone: (604) 291-4282, or 291-4475 (messages);
fax: 291-3496; e-mail: ydenberg@sfu.ca

FROM THE PRESIDENT

Our Society has two important mechanisms for promoting the study of behavioural ecology, and for communicating recent research findings to one another, namely our journal, *Behavioral Ecology*, and our biennial Conference. Important information about both of these is contained in this issue of the Newsletter.

I am pleased to announce that Larry Wolf, University of Syracuse, has agreed to become an Editor of the journal, for a five year term beginning January, 1993. Because it was felt desirable to have two N. American Editors, and to facilitate the changeover, Don Kramer has graciously agreed to remain as co-Editor until December 31 of this year. I am presently in the process of recruiting someone to replace him for a term lasting until December 1998. It is also not too early to begin thinking about a replacement for Staffan Ulfstrand, whose term as European Editor will end in December 1994, and I would be pleased to have your nominations. Both Don and Staffan have done a tremendous job in the critical start-up period for our journal; they deserve our greatest thanks, and they will not be easy to replace.

Regardless of the quality of its editors, a journal can only remain viable if there are enough subscriptions, particularly the Institutional subscriptions which provide a stable revenue base. Please do your part to ensure that **your** Library subscribes to our flagship journal.

Included in this issue you will find a poll concerning the possibility of holding the 1996 meetings in Canberra. Certainly, there are plenty of good arguments for holding a meeting in Australia. However, conscious of the fact that the Society membership is generally young (and not rich), and that the travel costs of such a meeting would be substantial, the Executive seeks your views on the advisability of such a venue. Given the antipodean calendar, timing of the meeting may also be a problem. Please complete and return the poll so your views on this issue can be heard. The same poll also asks for your feedback concerning other aspects of the biennial conference's organization, as discussed at the Business meeting at Princeton. Again, please let us have your views, so we can formulate appropriate policy for the conference organizers. And on the subject of conferences, begin planning now to attend the 5th ISBE Conference in Nottingham, next August.

The Newsletter you're holding is a third important way in which we keep in touch as a Society. So I would like to end by thanking Paul Schmid-Hempel and Nancy Thornhill for their service to the Society as Newsletter Editors. Ron Ydenberg has agreed to take over this position, and the current issue is his first production. Material for inclusion in future issues can be sent to him at the above address.


Larry Dill

THE CURRENT EXECUTIVE

- President** Larry Dill
Dept. of Biological Sciences
Simon Fraser University
Burnaby, B.C.
Canada V5A 1S6
tel: (604) 291-3664
fax: (604) 291-3496
e-mail: ldill@sfu.ca
- Pres-elect** Nancy Burley
Dept. of Ecology and Evol. Biology
Univ. of California, Irvine
Irvine, CA 92717
USA
tel: (714) 856-6693
fax: (714) 725-3181
- Secretary** Walt Koenig
Hastings Natural History Reservation
38601 E Carmel Valley Road
Carmel Valley, CA 93924
USA
tel: (408) 659-2648
fax: (408) 659-3649
- Treasurer** Paul Schmid-Hempel
Institute of Terrestrial Ecology
ETH Zürich
Grabenstrasse 3
CH-8952 Schlieren (Zürich)
Switzerland
tel: (+41) 1-733-6033
fax: (+41) 1-731-0783
e-mail: psh@cumuli.ethz.ch
- Councillors** P.A. Gowaty
Institute of Ecology
University of Georgia
Athens, GA 30602
USA
gowaty@zookeeper.zoo.uga.edu
- Anders P. Møller
Dept. of Zoology
Uppsala University
Box 561
S-751 22 Uppsala
Sweden
tel: (+46) 18-18-2676
fax: (+46) 18-55-9888
e-mail: ZOOAM@SEUDAC21

Tim Roper
School of Biological Sciences
University of Sussex
Falmer, Brighton BN1 9QG
U.K.
fax: (0273) 678480

Gunilla Rosenqvist
Uppsala University
Box 561
S-751 22 Uppsala
Sweden
tel: (+46) 18-18-2676
fax: (+46) 18-55-9888
e-mail: rosenqvi@lifesci.lscf.ucsb.edu

Members of the Council are asked to check this listing, and provide any corrections or additional information to Larry Dill.

SOCIETY NEWS**VTH INTERNATIONAL BEHAVIORAL
ECOLOGY CONGRESS**

Nottingham August 14-20, 1994

The Vth International Behavioral Ecology Congress will be held at the University of Nottingham, UK. If you have not received the First Announcement for this meeting and would like to be included on the mailing list for registration and booking information, please write to the following address before July 31st 1993:

ISBE 94
Conference Nottingham
The Business Information Centre
309 Haydn Road
NOTTINGHAM NG5 1DG
UK

Information will be sent to you in September.

DONATED SUBSCRIPTION PROGRAMME

Please help colleagues in need. Every donation will help increase scientific contacts across the world. In a time when nationalism is again raising its ugly head, this is more important than ever. For details, see the newest issues of our journal *Behavioral Ecology*.

SPOUSAL MEMBERSHIP

There is a new way to join our society. For \$5 per year spouses of full members can become members of ISBE. Spousal members receive the annual newsletter and information concerning biannual meetings, but do not receive a subscription to the journal. Please see information in any issue of *Behavioral Ecology*.

ISBE ARCHIVES

The archives of the ISBE are lacking several important items, including (1) the program from the Albany meeting, (2) both the program and abstracts from the Vancouver meeting, (3) a program in good condition from the Uppsala meeting, and (4) most issues of the Newsletter except for volume 1. If you have copies of these materials or anything else that you believe might be appropriate for the archives, please contact Walt Koenig, 38601 E. Carmel Valley Rd., Carmel Valley, California 93924, (408) 659-2684 [FAX (408) 659-3649].

We also seek an archivist to maintain the historical records of the Society, for the benefit of future historians of science. If you are interested in this volunteer position, please contact Larry Dill (ldill@sfu.ca).

REPORT FROM THE JOURNAL EDITORS BEHAVIORAL ECOLOGY, 1992

Now In Volume 4, *Behavioral Ecology* is still growing as it becomes well established in the community. In 1992 we published 42 articles in four issues. We received 184 articles, 88 (48%) to the European office and 96 (52%) to the North American office. This represents a rise of 31% over 1991. The increase shows no signs of letting up, with 48 manuscripts already submitted in the first quarter of 1993, an increase of 55% over the 31 submitted at the same time last year.

Of the 184 articles received in 1992, 49 (27%) were accepted, 28 (15%) rejected with an encouragement to resubmit, and 107 (58%) were rejected. Considering that perhaps 50% of the articles rejected with encouragement to resubmit

will eventually be accepted and 5% of the others, this gives 19 additional papers for a total of 68 or 37% acceptance.

The number of subscriptions is increasing too, but unfortunately not as quickly as manuscript submission rates. The Society presently has 253 student members and 641 regular members for a total of 894. In addition, there are 159 institutional subscribers. While all subscriptions are important, Oxford Press feels that it is vital to increase the number of institutional subscribers in order to have the journal on a sound financial basis and permit expansion. The ISBE and Oxford Press undertook a special mailing to focus on library subscriptions, requesting members to do the ground work to permit targeting of the appropriate librarians at their institutions. Unfortunately, only 38 members responded to the appeal.

Despite our rather low acceptance rate, our estimates indicate that we will accept 26 more articles than we published in 1992. Submission rates continue to rise, but our journal size must remain fixed until the subscriber base is larger. To expand too quickly would require an excessive price rise which might actually reduce subscribership. Thus, we have an increasing backlog, which presently stands at about a year from final acceptance. We are continuing to increase selectively and to promote conciseness in manuscripts, but the only long-term solution is to increase the size of the journal. Again, we encourage members to get involved in recruiting subscribers, especially their institutions. The world wide economic situation does not make it easy for libraries to commit themselves to new journals, but we simply have to convince them of the importance of this one. We made a special effort to not gouge the institutions with exorbitant prices, but it does mean that we must attain a high participation rate if the journal is to prosper.

At the Princeton meeting in August 1992, several important decisions were taken by the Editorial Board and the Society executive. First, we agreed that the normal term of office for the editors will be five years. Don Kramer will step down at the end of 1993. Staffan Ulfstrand agreed to stay on until the end of 1994 so that the terms of the Old World and New World Editors will be out of phase. Second, we agreed to add a third editor to share the work of the New World office which is somewhat higher because of the larger number of manuscripts and the responsibilities of coordinating with Oxford Press. As President of the Society, Larry Dill took on the task of

recruiting a new editor, and we are very fortunate that he was able to persuade Larry Wolf of Syracuse University to take on the task. Larry Wolf has broad experience in behavioral ecology and was instrumental in examining the potential for publishing a journal at the founding of the ISBE. His address is now listed in BE and he can be reached by e-mail at [dragon@suvm.syr.edu]. At present, all New World manuscripts continue to go to Don Kramer's office; when he steps down, Larry Wolf will take over the task of coordinating editor and manuscripts will go to him. Meanwhile, Larry Dill is now facing the task of recruiting another editor to replace Don Kramer.

A third decision was to develop a plan for renewal of the Editorial Board. We will replace about a fifth of the Board each year and specify 5-year terms for the Board members as for the editors. The major reason for this effort is to broaden the base of input into the journal. The Editors will decide on replacements for Board members to be ratified by the Society Executive. Anyone who would like to suggest the names of likely candidates or to volunteer to serve should contact one of the editors.

Other innovations in the journal are already apparent or soon will be. At the request of many members, we looked into the possibility of printing on different paper. A cheaper grade of paper would not have saved us much money and would have reduced the (still unexploited) potential to accompany articles with high quality (even color) photographs. However, we did switch to a matt finish which should be easier on the eyes. Before we were under such extreme space pressure, we had decided to publish occasional book reviews and accounts of particularly interesting conferences or symposia. Examples of both types of contribution will soon be appearing, but for the present they will remain a limited component of the journal. Finally, we have an agreement with the editor of *Trends in Ecology and Evolution* to send titles and abstracts of all articles in each issue at the proof stage to permit a prompt follow-up of anything they consider to be of particular interest to their broader audience.

As always, we are interested in feedback from the members concerning ways we could make the journal better. You may contact any of the editors or members of the Editorial Board.

Don Kramer [eh41@musica.mcgill.ca]
Staffan Ulfstrand [staffan.ulfstrand@zoologi.uu.se]

FROM THE TREASURER

International Society for Behavioral Ecology

<u>1990 accounts:</u>	US\$	Can\$
Balance as of 14 Aug 1990		
(Uppsala meeting)	2644.13	320.45
Interest minus taxes, outlays		14.56
Cost of balloting	-238.52	
Printing of Newsletter		-187.58
Mailing of Newsletter	-356.10	
	<hr/>	<hr/>
Balance as of 31 Dec 1990	2049.51	147.43
	<hr/> <hr/>	<hr/> <hr/>

<u>1991 accounts:</u>	US\$	SFr
Balance received from former treasurer	2172.83	2771.05
Balance received from Swiss giro account		79.15
Members dues received*)	2150.00	3377.20
Newsletters, production and mailing, charges	-417.52	-618.35
Interest minus taxes thereupon		144.25
		<hr/>
Balance as of 31 Dec 1991	(3662.67)	5753.30
		<hr/> <hr/>
<u>1992 accounts (as of 30 Jun 92):</u>		
Members dues received*)	2045.00	2919.40
		<hr/>
Balance **) as of 30 Jun 92	(6671.30)	8672.70
		<hr/> <hr/>

*) Membership (according to OUP):
for 1991 dues: 579 regular, 281 student members at \$2.50
for 1992 dues: 593 regular, 225 student members at \$2.50

**) unaccounted for in the above statement are:
(1) Costs (yet to be billed by Nancy Thornhill) for Newsletter production, mailing
(2) Interests minus taxes, bank fees for 1992

Paul Schmid-Hempel, Treasurer ISBE
29 July 1992

Here are answers to some of the most commonly asked questions about The International Society for Behavioral Ecology.

What is the policy of the society with respect to the finances? The society aims to build up funds that could be allocated to support its various activities, such as travel grants to support conference attendance. Currently the fund holds only about US\$6,600 and so the society is not yet ready to make any grand decisions.

How about expenses for the Executive? So far, neither any expenses for the executive meeting, nor any postage for handling the Society's affairs have been charged to the society by any members of the executive. Such costs have all been covered out of the running budgets at the home institutions of the officers. In future the society will probably have to cover the Secretary's postage and other costs as cuts at each of the home universities become more severe. The editors of the journal have an allowance provided by the publisher (Oxford University Press), but they are not members of the executive council of the society.

How are the membership dues determined? The membership dues are added to the yearly subscription to the journal and are transferred to the Treasurer annually by OUP. The Treasurer's report in this edition of the Newsletter provides details. The Society is free to set the amount of the membership.

What is the relationship between the ISBE and OUP? The ISBE has a legally binding agreement with OUP concerning publication, promotion and distribution of the journal *Behavioral Ecology*. OUP has ownership of the journal and the articles contained therein, and rights to its publication and distribution. OUP owns the journal's subscription list. Individuals who subscribe to the journal also become members of the ISBE. (There is now an arrangement for spousal memberships, as well as a way to donate subscriptions to needy colleagues. See above).

Who chooses the editors? The ISBE has sole responsibility for editorial content and is the final authority for editorial policy. Editors and the editorial board are appointed by the ISBE.

What is the role of the editorial board? The members of the editorial board act as advisors and reviewers for the editors in charge.

What is the term of our agreement with OUP? The agreement was signed on July 28, 1989, and is binding for five years from January 1, 1991 (thus until December 31, 1995). It will be automatically renewed for additional one-year periods unless either party wants to terminate it. In the event of termination, publication rights revert to the other party.

What is the subscription price policy? The subscription price was fixed at US\$35 for 1991-92. Thereafter the price should not increase by more than the rate of inflation, pro-rated by the increase, if any, in the number of pages published. Accordingly, the rate for 1993 was set at US\$42.

What happens to any profit that the journal might realize? OUP will absorb the losses when the journal runs at a deficit (as it currently does). Eventual profits will initially offset the loss accumulated by OUP. Once this has been recouped profits will be divided evenly between OUP and ISBE.

Who controls the Society's meetings? The meetings have nothing to do with OUP. The constitution of the ISBE holds that the Society hold a joint scientific and business meeting at least once every two years. The date and location must be approved by the Executive Council.

What happens to any profits that conferences might earn? A truly hypothetical question. So far host institutions have provided extra funds to offset the losses that the conferences have generated. At the Princeton meeting extra funds became available from congress fees to support the attendance of colleagues from countries with currency problems.

Paul Schmid-Hempel
Treasurer, ISBE

Editor's notes: A special page in this Newsletter details a proposed amendment to the Society's Constitution having to do with editorial policy. Members are asked to vote on this proposed change. Readers with other questions about the ISBE are encouraged to send them to members of the executive (see page 2) or to direct them to me. Questions and answers will be published in the next Newsletter. Deadline for receipt of items for next Newsletter will be September 13. - RCY

FROM THE SECRETARY

As Secretary it is my responsibility to conduct a vote on the proposed amendment to the Society's constitution (see minutes to the Executive Council meeting below). The amendment requires a simple majority to pass.

In addition, I have been asked to frame some of the issues raised at Princeton and to bring these to the membership in the form of a poll, also printed below. The poll is intended to provide guidance to the Executive Council in deciding which issues need to be pursued now, and if so, how best to do so. The results will be reported in full in the next Newsletter.

Ideas and concerns about the organization of the biennial meetings were discussed at length at both the Executive and Business meetings held at Princeton. Opinions were divergent and the Council seeks input from the membership to help in dealing with these issues. Thus far, the scientific program of the meetings has been left entirely to the discretion of the local committee. Organization has tended toward the following scheme: a few invited plenary lectures (24 at Vancouver, 10 at Uppsala, 5 at Princeton), a relatively small proportion of spoken papers (81 talks @ 20 min at Vancouver; 126 talks @ 20 min at Uppsala; 200 talks @ 20 min [+ 5 min for discussion/movement] at Princeton), and many posters (115 at Vancouver; 195 at Uppsala, 354 at Princeton). At all three meetings, most aspiring participants preferred to present spoken papers, and the local committees chose these based on the abstracts. At Princeton, all participants were offered the opportunity to give posters, while approximately 120 submissions were rejected at both Vancouver and Uppsala, again based on the submitted abstracts. I note that there appears to be general agreement that posters should remain up for at least several days, in contrast to the 24h allotted at Princeton.

There were many concerns about the organization of the biennial meetings. How large should they be allowed to get? Should the local committee be allowed to limit the number of presentations? How should they be selected? What should the balance be between spoken and poster presentations? If either spoken or poster papers are to be limited in number, how should they be chosen? The poll pertains to these issues, and you are asked to answer each of the questions as YES or NO. There are too many pros and cons to be

considered with each issue to permit a fair rendering in the limited space available here. You are encouraged to discuss these with your colleagues, and you are welcome to return written comments to me along with your vote.

Members are asked to complete the vote and the poll and to mail the special page to me. A cut-out label is provided for your convenience. Thank you for your help.

Walter D. Koenig
Secretary, ISBE

ISBE EXECUTIVE MEETING PRINCETON, AUGUST 19 1992

MINUTES

Present. Larry Dill (Chair), Linda Partridge, Don Kramer and Staffan Ulfstrand (as editors), Chris Barnard, Gunilla Rosenqvist, Paul Schmid-Hempel, Anders Møller, Patty Gowaty, Tim Roper, Arne Lundberg, Walter Koenig, Felicity Huntington, Susan Keiser (OUP).

Regrets. Nancy Burley.

1. **Welcome and Introductions.** LD welcomed new office bearers and executive members and thanked those retiring.

2. The agenda was approved.

3. Officers' Reports

i) *Nominating Committee.* LD reported that the revised procedures for electing office bearers and executive members had worked well, but that there had been virtually no response from the membership to his call for nominations. A new nominating committee was agreed, namely the President-elect (Nancy Burley), the Secretary (Walter Koenig) and the two incoming executive members (Gunilla Rosenqvist and Anders Møller).

ii) *Treasurer.* PSH presented the 1991 accounts, which were approved (see elsewhere in this issue).

iii) *Secretary.* FH presented the Secretary's report. The suggestion that in future office bearers should be reimbursed for costs incurred was discussed and approved. Office bearers to send invoices to the Treasurer with details of how money should be repaid.

iv) *Newsletter Editors*. PSH reported that there is not enough material for 4 issues per year and proposed 2/year (accepted). At present PSH does all the editorial work and sends finished version to Nancy Thornhill, who produces and circulates Newsletter. The possibility of sending Newsletter out with the Journal was discussed and rejected on the grounds of cost. PSH and NT have agreed to continue to act as NL editors (NB. the Treasurer is not obliged to act in this capacity), but LD agreed to call for volunteers to take over as NL editor and for submission of material at the Business Meeting.

v) *Behavioral Ecology Eds*. DK reported from the Editorial Meeting. Briefly:

- **Change of Editors:** Agreement was that DK and SU should serve 5 year terms (i.e. to 1993). DK asked to stand down in 1993; SU offered to continue until 1994. Both proposals were accepted (with sincere regrets/thanks). Suggested that in future editors' terms of office are out of phase and, to this end, that a new North American editor be appointed as soon as possible to take over from DK in 1993 and to serve to 1997. The issue of how many editors the journal needs and how these should be appointed was discussed. LD to consult with DK and SU, and to seek suitable candidates.
- **Editorial Board.** The editors wish to make some additions to the editorial board. It was agreed that EB members should normally serve for a fixed period (5 years was suggested), but this should be at the editors' discretion.
- **Submission Rates.** Submission rates have increased dramatically, so a publication backlog is developing. Page numbers cannot be expanded until the journal is on a sound financial footing, which depends on getting more library subscriptions. A series of short-term measures to reduce the queue was proposed, including increased selectivity, pressure on authors to be concise, reduced size of figures and fonts, and a delay to the introduction of book reviews.

4. **Discussion of Journal.** SK reiterated some of the points mentioned in 3(v). We have 136 institutional subscriptions and need 350 to break even. There is a small shortfall on predicted membership subscriptions. She outlined plans to increase library subscriptions (including encouraging members to harass librarians) and expressed the view that electronic publication has

to come. OUP has applied for a grant to look into the consequences of this.

LD thanked both editors for their work on behalf of the ISBE. The relationship between the association and the journal was discussed at length. The society should retain control of the journal and the constitution must be amended accordingly. LD (with WK) to draft a new section for the constitution on the journal, editors, etc. The proposed changes will be circulated in the Newsletter and the membership balloted.

5. Members to be informed of the existence of a spousal membership scheme, whereby cohabiting couples can both be members but receive one copy of the journal (details to be added to application forms).

6. Following problems with circulation of members regarding the Princeton meeting, OUP to keep updated membership lists for use by conference organisers.

7. **1994 meeting.** This will be held on 14-20 August 1994 which should avoid clashing with most relevant meetings. Conference Nottingham will provide services. In light of the size of the Princeton meeting, there may be a problem with large numbers of delegates. Question of whether posters should be vetted as a matter of principle and as a way to reduce numbers was discussed. LD to consult membership at Business meeting, to identify options and to canvass opinion via the Newsletter. TR asked for provisional programmes as early as possible to allow travel arrangements to be made in good time. WK raised the issue of whether ISBE should be involved with the finances of conferences, and in particular whether part of any profits should come to the Society. This was discussed at length and, among other things, it was felt that this could only be done if the Society would guarantee organisers against any losses (which it cannot at present), that the Executive would not like conference organisers to feel we were looking over their shoulder, and that (in the unlikely event of a profit being made) whoever puts in the huge amount of work involved in organising a conference should reap the benefits. LD to set up a file of estimated and actual costing of past meetings, but simply as a guide for future organisers.

8. Various possible venues for the 1996 meeting were discussed, including Davis (dismissed on the grounds of climate), Berkeley (WK), and either Melbourne or Canberra. LD to ask potential

organisers for more details.

9. **Any other business.** PSH reported on the saga of the Tax Exemption Certificate (required for postage reductions). This existed originally, but lapsed when the Treasurership moved to Canada. Steps to be taken to find the original and to get it reinstated.

PG asked if a membership directory could be compiled from OUP's lists. SK and PG to discuss this.

PSH reported on the Donated Subscription Programme, whereby donations are sought for funds to place subscriptions in identified needy institutions. This was publicized in the NL, but LD to announce at the Business Meeting. Other ways of publicizing the scheme were discussed.

F.A. Huntingford
26.8.92

ISBE BUSINESS MEETING PRINCETON, AUGUST 20 1992

MINUTES

1. **Welcome.** Members were welcomed by Linda Patridge and Larry Dill. Approximately 65 people were present.

2. **Treasurer's Report.** Schmid-Hempel presented the treasurer's report and discussed some of the current and future financial problems facing the ISBE.

3. **Newsletter.** Dill solicited suggestions for a new editor of the newsletter and reminded members to send contributions to it.

4. **Journal.** *Behavioral Ecology*, the Society journal, is highly successful. However, the number of institutional subscriptions is well below target. Submissions are way up, but the size of the journal cannot be increased until this deficiency is rectified. Members were urged to check their own institutions and be sure they subscribe. It was also pointed out that the number of personal subscriptions, although on target, is well below what one should expect for a society with 800 people attending its meetings.

5. **Journal Editorship.** The Society is currently completely separate from *Behavioral Ecology*.

The Executive Council proposed to amend the constitution such that it will appoint the editors for 5 year terms. The amendment will be written up and sent out with the next newsletter. A vote was taken as to whether the Executive Committee should appoint editors. The motion passed.

Dill solicited nominations to succeed Kramer, whose term ends at the end of 1993.

6. **Spousal Membership.** It will soon be possible for a second member at the same residence address to join the society (no additional journal subscription) for a nominal fee.

7. **Donation Subscription Program.** Ulfstrand described the program by which subscriptions in "problem" countries can now be donated by individuals. The minimum donation is \$15; the money will be kept in a separate fund by OUP.

8. **Biennial Meeting Organization.** Several issues related to the organization of the biennial meetings were brought up, including whether there should be a limit on either the number of posters or the number of oral presentations and if so, how those allowed to present them should be decided. Options will be reviewed and presented to the membership for a vote in an upcoming newsletter.

9. **Future Meetings.** The next meeting will be 14-20 August 1994 in Nottingham, U.K. Offers to host the 1996 meeting should be directed to Dill.

10. **Other Business.** The pros and cons of having the Society oversee the finances of biennial meetings was discussed; currently, meetings are run entirely by the local committees. It was decided that there should be an accounting of the meetings; Dill will request such an accounting from prior organisers.

Walt Koenig
12/21/92

ISBE members are asked to vote on the following proposed change to Article 4 of the constitution. Please complete the vote and poll on this page, and send it to Walt Koenig. A mailing label is attached.

VOTE ON PROPOSED CHANGE TO THE SOCIETY'S CONSTITUTION

Current wording

The Council shall determine publication policy for any journal sponsored by the Society, appoint a Managing Editor and Associate Editors as needed, oversee planning at periodic meetings of The Society, ...

Proposed wording

The Society sponsors Behavioral Ecology, hereafter referred to as The Journal. The Council shall appoint editors and determine publication policy for The Journal and any other publication of The Society. Editors of The Journal shall be appointed for 5 year terms. The Council will oversee planning at periodic meetings of The Society, ...

VOTE

I support the proposed change

I am against the proposed change

POLL CONCERNING THE ORGANIZATION OF THE BIENNIAL MEETING

1) Should attendance at meetings be limited to members? In essence this means that non-members must join the society (\$42) in order to be able to attend a meeting.

YES NO

2) Should the privilege of giving a paper at the biennial meeting be limited to members?

YES NO

3) Should the privilege of giving a poster at the biennial meeting be limited to members?

YES NO

4) Should decisions about any selection of submissions for spoken and poster presentation be left to the discretion of the organizing committee, as has been the case at the meetings so far?

YES NO

5) Should the selection of submissions be made by an independent program committee, appointed by the ISBE Executive?

YES NO

6) Should the local organizing committee be encouraged to permit all those who wish to present a spoken paper to do so?

YES NO

7) Should the local organizing committee be encouraged to permit all those who wish to present a poster paper to do so?

YES NO

8) What means do you favor to create more time for spoken papers:

a) Individuals should be allowed to author or co-author only one spoken contribution.

YES NO

MAILING LABEL
(see over)

b) Individuals should not be allowed to present a spoken paper at two consecutive meetings of the ISBE.

YES NO

c) Talks should be shortened to 15 minutes total.

YES NO

d) The number of concurrent sessions should be increased.

YES NO

e) The length of breaks should be decreased.

YES NO

f) The number of plenary speakers should be decreased.

YES NO

9) How should the local organizing committee choose papers for spoken presentations?

a) Based on the scientific merit of the abstract?

YES NO

b) By lottery?

YES NO

c) Should spoken papers be either primarily or exclusively symposia?

YES NO

d) Is balancing by nationality, gender, or subject matter acceptable?

YES NO

mailing label

----- cut here -----

Walter Koenig
 Secretary, ISBE
 Hastings Natural History Reservation
 38601 E. Carmel Valley Road
 Carmel Valley
 California USA 93924

POLL CONCERNING A POTENTIAL AUSTRALIAN MEETING

Do you favor the idea of the ISBE Conference in Australia?

YES NO

Would you be likely to attend a meeting in Canberra in 1996?

YES NO

During which of these periods would it be possible for you to attend such a meeting?

- | | | | |
|-------------------------|------------------------------|-----------------------------|--------------------------------|
| early July | YES <input type="checkbox"/> | NO <input type="checkbox"/> | MAYBE <input type="checkbox"/> |
| late September | YES <input type="checkbox"/> | NO <input type="checkbox"/> | MAYBE <input type="checkbox"/> |
| early October | YES <input type="checkbox"/> | NO <input type="checkbox"/> | MAYBE <input type="checkbox"/> |
| late November | YES <input type="checkbox"/> | NO <input type="checkbox"/> | MAYBE <input type="checkbox"/> |
| early December | YES <input type="checkbox"/> | NO <input type="checkbox"/> | MAYBE <input type="checkbox"/> |
| mid-December (pre-Xmas) | YES <input type="checkbox"/> | NO <input type="checkbox"/> | MAYBE <input type="checkbox"/> |
| early January (1997) | YES <input type="checkbox"/> | NO <input type="checkbox"/> | MAYBE <input type="checkbox"/> |
| late January (1997) | YES <input type="checkbox"/> | NO <input type="checkbox"/> | MAYBE <input type="checkbox"/> |
| early Feb. (1997) | YES <input type="checkbox"/> | NO <input type="checkbox"/> | MAYBE <input type="checkbox"/> |

CONFERENCES

Human Behavior and Evolution Society August 4 - August 8, 1993 Binghamton, New York

The fifth annual meeting of the HBES society will be held on the campus of Binghamton University. The society welcomes researchers from all disciplines who use the theory and methods of evolutionary biology to study humans. Research on non-human species is also welcome when it addresses general issues that are important to human evolution. Invited speakers include George C. Williams (keynote), J. Michael Bailey, Leda Cosmides and John Tooby, Martin Daly and Margo Wilson, William Durham, Henry Harpending, Kim Hill, Bobbi Low and Elliott Sober. Organized symposia include "Evolutionary approaches to cognition", "Evolutionary approaches to morality", and "Evolution and culture". Deadline for submission of papers is May 1, 1993. Contact David Sloan Wilson, HBES, Department of Biological Sciences, Binghamton University, Binghamton, New York 13902-6000. Phone: 607-777-4393. FAX: 607-777-6521. Bitnet: DWILSON@BINGVAXA.

XXIII International Ethological Conference. 1-9 September, 1993. Torremolinos, Spain. Contact: Dr. Anna Omedes, General Secretary, XXIII Int. Ethol. Conference. Ap. 98033. Barcelona 08080, Spain.

ECOLOGICAL AND EVOLUTIONARY ETHOLOGY OF FISHES Victoria, British Columbia MAY 15 - 18 1994

PROPOSED SYMPOSIA

- 1) Mating systems, parental care and reproductive success: A tribute to Miles Keenlyside and his contribution to fish Ethology.
- 2) Predator foraging failures and stickleback evolution.
- 3) Behavioral genetics and life history strategies of salmonids.
- 4) Foraging during the early life history of fishes.

Please direct requests for additional information to:

Conference organizer: Dr. Craig Hawryshyn
Dept. of Biology
University of Victoria
Victoria, B.C.
Canada V8W 2Y2

The Fisheries Society of the British Isles Annual International Symposium Glasgow, Scotland 11 - 15 July 1994

PREDATOR-PREY RELATIONSHIPS IN FISHES

AIMS AND SCOPE

The symposium will consider fishes as both predators and prey and the morphological, physiological (including sensory) and behavioural processes resulting in prey capture and the avoidance of predation. It will examine the ecological and evolutionary consequences of predator-prey interactions and the constraints imposed by being predator and prey simultaneously. Studies with a functional or developmental perspective will be especially welcome.

The aim is to bring together workers studying different aspects of the subject in order to describe recent developments, exchange ideas and promote a greater understanding of the basic principles involved.

Contact:
Dr. R.N. Gibson,
FSBI Symposium Organising Committee
Dunstaffnage Marine Laboratory
Oban, Argyll, Scotland PA34 4AD
Telephone 0631 62244 FAX 0631 65518
E-mail S_RG@UK.AC.NSM.VA

Third International Conference on Simulation of Adaptive Behavior (SAB94) Brighton, UK, August 8-12, 1994 FROM ANIMALS TO ANIMATS

The object of the conference is to bring together researchers in ethology, psychology, ecology, cybernetics, artificial intelligence, robotics, and related fields so as to further our understanding of the behaviors and underlying mechanisms that allow animals and, potentially, robots to adapt and survive in uncertain environments.

The conference will focus particularly on well-defined models, computer simulations, and built robots in order to help characterize and compare various organizational principles or architectures capable of inducing adaptive behavior in real or artificial animals.

Contributions treating any of the following topics from the perspective of adaptive behavior will receive special emphasis.

- | | |
|---|--|
| - Individual and collective behavior | - Autonomous robots |
| - Neural correlates of behavior | - Hierarchical and parallel organizations |
| - Perception and motor control | - Emergent structures and behaviors |
| - Motivation and emotion | - Problem solving and planning |
| - Action selection and behavioral sequences | - Goal directed behavior |
| - Ontogeny, learning and evolution | - Neural networks and evolutionary computation |
| - Internal world models and cognitive processes | - Applied adaptive behavior |
| - Characterization of environments | |

Authors should make every effort to suggest implications of their work for both natural and artificial animals. Papers which do not deal explicitly with adaptive behavior will be rejected.

Authors are requested to send five copies (hard copy only) of a full paper to the Program Chair (Dave Cliff) (see below). Papers should not exceed 10 pages (excluding the title page), with 1 inch margins all around, and no smaller than 10 pt (12 pitch) type (Times Roman preferred).

Each paper must include a title page containing the following: (1) Full names, postal addresses, phone numbers, e-mail addresses (if available), and fax numbers for each author, (2) A 100-200 word abstract, (3) The topic area(s) in which the paper could be reviewed (see list above). Camera ready versions of the papers, in two-column format, will be required after acceptance. Computer, video, and robotic demonstrations are also invited. Please contact Phil Husbands to make arrangements for demonstrations. Other program proposals will also be considered.

Conference Chair

Philip Husbands
School of Cognitive and Computing Sciences
University of Sussex
Brighton BN1 9QN
UK
e-mail: philh@cogs.susx.ac.uk

Program Chair

David Cliff
School of Cognitive and Computing Sciences
University of Sussex
Brighton BN1 9QN
UK
e-mail: davec@cogs.susx.ac.uk

Important Dates

Jan 5, 1994 Submission deadline
March 10 Notification of acceptance or rejection
April 10 Camera ready revised versions due
May 1 Early registration deadline
July 8 Regular registration deadline
August 8-12 Conference dates

"PRESERVATION OF OUR WORLD IN THE WAKE OF CHANGE"

The Israel Society for Ecology and Environmental Quality Sciences will hold its 6th International Conference in Jerusalem in June 1995. The Conference will include symposia, contributed poster and paper sessions, workshops, field trips, social events, and business meetings. The theme of the conference will be "Preservation of Our World in the Wake of Change".

The Society is an interdisciplinary, non-governmental organization, active in promoting high-level academic and professional knowledge in various aspects of ecology and the environment through interim and annual meetings and triennial international conferences.

The aim of the Society's international conferences is to assemble ecologists, environmentalists and other professionals from various countries for a multidisciplinary review of the state of the environment. The conferences include discussions of structural, functional and process oriented topics, new approaches, methodologies and policies.

The conference program will include subjects under the broad heading of Ecology, Environmental Quality, Social, Political, Legal, Economic Aspects and Environmental Health.

We would like to invite scientists and other professionals interested in presenting papers and/or participating in the Sixth International Conference.

For further details please contact:

Prof. Yosef Steinberger
 Chairman of the International Conference
 Department of Life Sciences
 Bar-Ilan University
 RAMAT-GAN, 52900
 ISRAEL
 Telephone: (972-3)-5318571
 Fax: (972-3)-771088
 Email: F61116@BARILAN

OTHER NOTICES

Opportunities for Graduate Study in

INSECT BEHAVIOURAL AND
 EVOLUTIONARY ECOLOGY, USING
 MOLECULAR-GENETIC METHODS

at

SIMON FRASER UNIVERSITY, Burnaby,
 British Columbia

Opportunities available for several highly-motivated students in Ph.D. program, interested in using state-of-the-art molecular methods to address outstanding questions in behavioral ecology. Current questions being addressed include the evolution of social behavior and the evolution of reproductive mode and mating systems in insects. Methodology being used includes PCR and DNA sequencing for phylogeny reconstruction and comparative analysis, and allozyme and DNA analyses of relatedness and population structure. Projects may involve fieldwork in Australia or India.

Successful candidates will be joining an active Behavioral Ecology Research Group, which includes, among others, Dr. Fred Cooke, Dr. Charles Crawford, Dr. Larry Dill, Dr. Alton Harestad, Dr. Bernie Roitberg, Dr. Mark Winston, Dr. Niko Verbeek, and Dr. Ron Ydenberg. Simon Fraser University provides a diverse and stimulating research and teaching environment, in a beautiful location adjacent to the amenities of Vancouver and the recreational opportunities of the nearby mountains and ocean.

Preference given to candidates with some previous laboratory and/or field experience, and all candidates are strongly encouraged to apply for NSERC and other Graduate Fellowships. Studies

may be initiated any time after fall 1993. Please send CV and brief description of research interests to: Dr. Bernard J. Crespi, Department of Biological Sciences, Simon Fraser University, Burnaby, B.C., Canada, V5A 1S6, e-mail: crespis@sfu.ca. Inquiries concerning Post-Doctoral work are also welcome.

Recent research includes:

Crespi (1992) Eusociality in Australian gall thrips. *Nature* 359: 724-726.

Crespi (1992) Behavioural ecology in Australian gall thrips. *Journal of Natural History* 26: 769-809.

Crespi (1991) Heterozygosity in the haplodiploid Thysanoptera. *Evolution* 45: 458-464.

Current and anticipated projects include:

- (1) Phylogenetic and behavioural analysis of eusociality and social parasitism in Australian gall thrips.
- (2) Molecular analysis of relatedness and population structure in eusocial thrips and bark beetles.
- (3) Phylogenetic analysis of genetic systems, mating systems, and sociality in bark beetles.
- (4) Phylogenetic and ecological analysis of oviparity and viviparity in Thysanoptera.

POSTDOCTORAL FELLOWSHIP

(Estuarine ecosystem functioning/Food webs)

Applications are invited for a Postdoctoral Fellowship with the Co-operative Wildlife Ecology Research Chair, Simon Fraser University, British Columbia, Canada. The project is to research wildlife population structure and ecosystem functioning (inc. food webs, productivity) in the Fraser River estuary. Applicants should have a strong ecological background, expertise on intertidal invertebrates, experimental skills and computing experience. The Fellow will be part of an international, interagency, multidisciplinary team working to develop predictive models of migratory shorebird populations based on understanding of interactions with habitat (inc. physical environment and other trophic levels).

The position is for 2 years (renewable) and is being funded by Canadian Wildlife Service, Environment Canada, through the Fraser River Action Plan (Green Plan). Applications, including

a c.v. and names of 3 referees should be sent to:

R.C. Ydenberg
Co-operative Wildlife Ecology Research Chair
Department of Biological Sciences
Simon Fraser University
Burnaby, British Columbia
Canada V5A 1S6

Further details concerning the above are available from either R.C. Ydenberg [Ph: (604) 291-4475; Fax: (604) 291-3496; e-mail: ydenberg@sfu.ca] or R.W. Elner [Ph: (604) 946-8546; Fax: (604) 946-7022; e-mail: usercrab@mtsg.ubc.ca].

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Special issue: "Predation risk and behavioural adaptations of prey: ecological and evolutionary consequences". Based on an NCE symposium held at Konnevesi Research Station, Finland, 25-29 November 1991.

Hannu Ylönen and Carin Magnhagen
Editors

This issue contains 14 articles on predation risk and prey adaptations, covering theoretical models as well as empirical studies of a wide range of habitats and taxa. The list of authors includes, for example, J. Brown, M. Cassini, L. Dugatkin, H. Hakkarainen, H. Hirvonen, B. Kotler, S. Lima, C. Magnhagen, P. Palokangas, J. Saarikko, A. Sih, B. Söderbäck, and H. Ylönen. Anyone interested in receiving a copy of this ca 200 p. issue, please contact:

Hannu Ylönen
University of Jyväskylä, Dept. of Biology
Konnevesi Research Station, P.O. Box 35
SF-40351 Jyväskylä, Finland
Fax: 358-41-602321, e-mail: ylonen@jylk.jyu.fi

or

Carin Magnhagen
Dept. of Aquaculture
Swedish University of Agricultural Sciences
S-901 83 Umeå, Sweden
Fax: 46-90-123729, e-mail: cam@nana.slu.se