



# *ISAE*

## *newsletter*

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## President's Piece

In my first letter as President I discussed how ISAE had changed since the time I joined and attended my first conference as a student. In particular I took up how the Society's membership had increased and how I saw it as an important point to keep the friendly open nature of the society while at the same time accepting that we were now a large organisation, requiring a considerable administration to run it. In this, my last letter as President, I want to thank all those people who have contributed to the recent steps that ISAE has taken towards this aim and to take up two points in particular.

The first was the big step to employ professional assistance with our administration. There had been discussions about this for a while, but at the summer congress in 2002 we took the formal decision to raise the membership fee to cover this cost. The organisation that we had selected to help us is based in the UK and since last summer they have been working on taking care of the membership database. From June 1<sup>st</sup> 2003 they will handle most of the behind the scenes administration regarding membership subscriptions, so lifting a major load of work from our Membership Secretary and Treasurer. Although members first contact will still be with these Council members.

The other big step has also been a continuation of work started earlier and that is to make the administration of the society more transparent and to set up a procedure for maintaining consistency in the way decisions are taken. When we were a small Society one could rely on informal contacts and 'Council memory' of how business is conducted. But now that we have grown, that management style can not work and so Council has developed a set of guidelines. These guidelines outline the various responsibilities of the different people on Council, how people are elected, refer to regional activities, the different committees and so on. They do not replace our constitution, but are to be regarded as a reference as to how procedures are usually carried out. A major aim is also to help members see how the society works and we encourage you to give feedback so that the Society can improve its administration as it continues to grow and develop as a scientific society.

I feel I have been fortunate to be President during the time that these two areas of work in the development of our society have come to fruition. I think they are both important steps in the right direction and I want to thank those people on Council, past and present, who have been a part of these processes. But these are just examples, there are many other people who contribute to the Society. I would like to ask you when you read this letter to consider that every time you have registered for a conference, sent in an abstract, or an article to the special issue of Applied Animal Behaviour Science, there has been a member of ISAE who has received it and contributed their time to dealing with it. I want to thank all the people who

volunteer their time for this society. I will also ask those of you that are not so active to consider what you might be missing. There is a saying that the more you put into something you more you get out from it.

See you in Italy.

Linda Keeling

President

## Council *news*

### **Fly on the wall**

Although it is quite a while ago now, many of you will think back with pleasure to August 2002 when we had our ISAE Congress in Egmond aan Zee in the Netherlands. As usual, before the Congress started, ISAE Council met and with it there was again the faithful fly to listen and report back to you what might be interesting.

Most of the items of the agenda of this meeting were later brought forward to the Annual General Meeting (AGM) of ISAE members, such as the regular Officers' reports or decisions and proposals on professional help with administrative ISAE services and membership subscriptions. They are summarized in the minutes of the AGM, which you will find elsewhere in this newsletter. Particularly the latter point of membership subscriptions took a long time of the meeting. Council did not like the idea of having to rise membership fees, but there was no way around it. At the present size of ISAE, the administrative work demands exceed reasonable dimensions for an Honorary Membership Secretary and Treasurer. The more Council is grateful to Janice Swanson and Jeremy Marchant Forde and their institutions for their past and present investment.

Another group of people who invested a lot of time and energy in ISAE activities were the organizers of the Egmond Congress. Harry Blokhuis informed Council about their extensive work. About 20 people from 4 groups in Lelystad, Wageningen and Utrecht had worked for one and a half year grouped into one Organising and one Scientific Committee. There were 288 registrations from 25 countries with 49 participants from outside Europe. Greatest numbers of registrations were from the Netherlands, United Kingdom and Denmark. At the congress there were about 90 posters and 90 oral presentations. The organisers felt that the current format of the congress had sufficient room for talks.

With this, the list of people working hard for ISAE is not nearly at its end. For example, the late Julie Morrow-Tesch (see obituary in this newsletter), Birte Nielsen and Bill Jackson did a highly appreciated job in writing up guidelines for Council work and an amendment of the ISAE constitution that shall not only enhance transparency, but also safeguard continuity of Council's activities. The guidelines shall be updated annually and you will soon be able to access them on the ISAE website and may also comment on them.

On the website there are now also the ISAE Ethical Guidelines available. Meanwhile they are also published in the *Applied Animal Behaviour Science* (Sherwin et al., 2003. Vol. 81, 291-305).

Another emerging activity on the ISAE website relates to education and is being developed by Anabela Pinto. This can also be accessed over the "animal-info.net" website which is managed by her, too. She appeals for collaboration on reviewing books and sending her relevant information ([aap28@cam.ac.uk](mailto:aap28@cam.ac.uk)) to place on the website, as this site's updating depends much on the contribution from everyone.

Daniel Mills, the ISAE representative to the ASAB working group on a certification scheme for Animal Behaviourists, made Council aware of the development of a "European College of Behaviour and Applied Ethology". He was concerned about the academic foundation and the way of selecting diplomats, and simultaneously about the scope of education, which seemed to be narrower than the name of the college suggested. In a letter to the European Board of Veterinary Specialisation Linda Keeling on behalf of ISAE expressed concern over the use of the term 'applied ethology' in the name of the college when there appeared to have been little contact with researchers working in this area. She offered that ISAE poll its members, to help the Board find researchers experienced in this area. Apparently the name of the College was now changed to "European College of Veterinary Behavioural Medicine - Companion Animals". Council agreed that after ISAE has expressed its position, attempts to influence the further development of this college should be left to individual members.

Council had been approached by Compassion in World Farming (CIWF) on a possible participation in a project to prepare video resources on the animal welfare aspects of 'Good Agricultural Practice'. It was agreed that although individual involvement and support may be welcomed, ISAE as an organisation should not get involved in order to maintain its position of objectivity. Once the video is produced it can be listed as educational material on the ISAE website just as any other available resource.

Ken Plaxton from Elsevier visited the meeting and had some interesting information. The ISAE associated journal *Applied Animal Behaviour Science's*

impact factor has further improved from 0.815 in 1999 to 1.274 in 2001. Publication times were about 2.8 or 3 months. The submission of review articles to AABS is very much encouraged. Ken further reported about a new development that corrected proofs will directly go on-line and be available electronically for subscribers. Again the question of too high library subscription rates, especially for developing countries, was discussed. One future possibility of decreasing costs might be individual electronic subscriptions. Elsevier will explore this possibility and inform ISAE about possible rates. ISAE member subscriptions now stand at 64 (July 2002).

These are some of the issues that make up ISAE business. As mentioned above, further information can be found in the minutes of the AGM. You see, a growing and healthy Society means quite a number of topics to be tackled. After a busy day, ISAE Council was looking forward to a nice welcome reception and an interesting congress, and to be honest, even the fly had some alcoholic drinks that night.

## **ISAE 2002 AGM**

### **Minutes of the 36th Annual General Meeting, Egmond aan Zee, The Netherlands, 5<sup>th</sup> August 2002**

The meeting was chaired by Linda Keeling and attended by about 80 people.

#### **1) Apologies for absences**

The Senior Vice President Joy Mench, Membership Secretary Janice Swanson, Editor Tina Widowski and Assistant Secretary Neville Prescott apologised for not being able to attend the Annual General Meeting.

#### **2) Minutes of the previous AGM**

These had been circulated previously in the Newsletter. The minutes were accepted.

#### **3) Reports of Officers**

On behalf of the *Senior Vice President* Linda Keeling reported that future congresses will be held in Italy in 2003, in Helsinki, Finland in 2004 and 2005 in Japan. Elisabetta Canali presented the concept of next year's congress which will take place from 24<sup>th</sup> to 28<sup>th</sup> June 2003 in Abano Terme, a village near Venice. Deadline for abstract submission will be the 15<sup>th</sup> January. Further information on the congress can be obtained under [www.isae2003.org](http://www.isae2003.org). Linda Keeling further reported that Council has appointed a Standing Scientific Congress Committee consisting of Senior VP, past and future conference organisers. It shall help standardise procedures regarding abstract submission, acceptance and presentation,

shall closely cooperate with the Local Organising Committee and prepare a congress handbook for the organisers.

The *Junior vice-president*, Ruth Newberry, reported about regional meetings that took place in the following regions: Australasia and Africa, Benelux, Canada and USA, East Asia, Central Europe, Nordic Region and UK/Ireland. It is possible for the regions to get financial support from ISAE of up to 500 GBP. In East Central Europe Gudrun Illmann became Regional Secretary, taking over from Marek Spinka.

Linda Keeling reported that the *Editor* is working on the next Special issue of Applied Animal Behaviour Science (AABS) which will contain the Wood-Gush memorial lectures from the years 1999, 2000, 2001, a manuscript based on the ethical guidelines of ISAE and some plenary and workshop papers from the ISAE congress in Davis. This will be followed by a new special issue with papers from the current meeting. Tina Widowski has also written up the policy for publication of the ISAE special issue to be included in the handbook for congress organisers. Council agreed to establish an Editorial committee, consisting of current and future organisers of congresses and an additional non-council member. The latter person will be sought over the ISAE net. A last information related to the possibility for members of ISAE to subscribe to the journal AABS at a reduced rate. Future possibilities for reduced rates for electronic version will be explored by the publisher, Elsevier, and Council will inform members about the outcome.

Linda Keeling reported then on behalf of the *Membership Secretary* that the Membership of the Society currently stands at 632. The number of members in arrears has decreased by 39, but is still 107. Procedures now have been tightened up, so that people can only get the privileges of ISAE membership, such as reduced subscription rate at congresses, when they have paid their subscription.

Jeremy Marchant Forde presented the *Treasurer's* report for the past year. The balance for the General Fund was 46,275.83 GBP at 30<sup>th</sup> June 2002. Jeremy explained that the Scientific Advisory Fund had been merged with the General Fund for easier handling. There have been no costs for the ISAE newsletter because it is now distributed electronically. 500 GBP has been paid to the East Central European Region to help hosting a joint regional meeting of East and West Central Europe in Prague, and a further 1000 \$ had been approved to support a joint meeting of the Canadian and USA Region.

Jonathan Cooper presented the *Communication Officer's* report. He reminded members that they should inform ISAE about changes of addresses in order to for instance stay subscribed to the ISAE net over which announcements and information is sent to the members. The ISAE web-site can be found under [www.applied-ethology.org](http://www.applied-ethology.org). Regional, but also individual web-sites may be linked

to the ISAE homepage. The contact person for this is Jonathan Cooper (jcooper@lincoln.ac.uk). Finally Jonathan announced that proceedings of the Brazil and Davis congress are available from him for the price of 15 € or 10 GBP.

The *Secretary* informed members that Council has appointed a Nominations Committee that shall help to broaden the knowledge of members who might be interested and willing to stand for Council service. It currently consists of Lindsay Matthews, New Zealand; Carol Petherick, Australia; Marthe Kiley-Worthington, UK; Jeremy Marchant Forde, USA and Ute Knierim, Germany. Additionally to calls over the ISAE net, the committee shall actively contact people and solicit nominations.

On behalf of the *Assistant Secretary* Ute Knierim informed that currently three persons are regularly representing ISAE at the Council of Europe. These are Isabelle Veissier (France) regarding the Farm Animal Convention, Markus Stauffacher (Switzerland) and Robert Hubrecht (United Kingdom) regarding the Experimental Animal Convention. Markus Stauffacher also supports Isabelle Veissier in the negotiations on recommendations on the keeping of rabbits within the Farm Animal Convention. ISAE thanks its representatives for their work.

#### **4) Professional help with database**

Linda Keeling explained that after long and careful exploration and discussion, Council had decided to put the UK based company 'Resources for Business' in charge of professional help with administrative services of ISAE. They shall lift much of the workload from the Membership Secretary and Treasurer and, furthermore, provide improved security for member personal information. They will keep the membership database up to date (changes of addresses, new email addresses etc.), send out subscription reminders, handle payments through their safe server and provide regular summaries to council. As the term of service of Janice Swanson and Jeremy Marchant Forde will end in 2003, the introduction of the professional help will take place in the coming year with the current Membership Secretary and Treasurer still in place.

#### **5) Membership subscription rate**

The services of Resources for Business will cost about 6,500 GBP per year. (i.e. 10 GBP per member). Linda Keeling reminded members that the current membership fee has not increased in the last 11 years when it went from 5 to 10 GBP. Considering that the steady, but not too steep increase of ISAE funds should be maintained for the sake of a healthy budget, Council proposed that subscription rates should increase to cover the extra costs. It further proposed that lower student rates or rates for persons with low income should be made possible. To allow for this, Council suggested new student rates of 15 GBP, and full rates of 25 GBP, which will become effective by 1st June 2003. Current payments in advance shall be honoured, but in the future, payment shall only be made annually (with

applications for the student rate also submitted on an annual basis). For members attending ISAE congresses, the difference in congress fees for members and non-members will in any case pay back the annual membership fee. Members will be informed about the change over the ISAE net and in the newsletter. Linda suggested that after two years the financial situation should be reviewed and subscription rates adjusted, if appropriate or necessary. After brief discussion the increase of the membership subscription rate as proposed was accepted (74 votes in favour, 1 against, 1 abstention).

#### **6) Amendments to constitution and development of guidelines**

Linda Keeling explained that as a part of the strategy to make the work of Council more transparent, guidelines are being developed. This process has led to the decision to update some parts of the ISAE constitution. The current and proposed amended constitution had been distributed in writing to the members at the beginning of the AGM. Linda presented the proposed changes, specifically the new rules on electronic meetings, a new dissolution clause that had been missing and a number of minor changes for the purpose of clarification (amended constitution attached). The amendments of the constitution were unanimously accepted.

#### **7) Election of Council members**

Each year at the AGM all office-bearing members of Council must be elected. This year all office bearing members were eligible for re-election, but Neville Prescott resigned from his post as Assistant Secretary. All re-eligible Council members were taken in one vote and unanimously re-elected. Hans Erhard and Ruth Forde were leaving their positions of Ordinary Council members having served their term of 3 years. Vacancies on Council (Assistant Secretary, two Ordinary Council members) had been advertised over the ISAE-net and nominations received. Information about all the new candidates was available in writing, handed out to the members at the start of the AGM. There were no additional nominations from the floor. The candidate for Assistant Secretary was Anna Olsson, Portugal. She was elected unanimously. For the two vacant positions of Ordinary Council members there were five candidates: Elisabetta Canali, Italy; Anne Marie de Passillé, Canada; Carol Petherick, Australia; Haley Randle, UK; Natalie Waran, UK. Pre-prepared ballot papers were distributed, giving every member two votes. Elisabetta Canali and Carol Petherick were elected by majority vote. All leaving Council members were thanked for their valuable contributions.

#### **8) Election of an auditor**

Council proposed Don Lay, USA, as candidate for the auditor. He was unanimously elected.

#### **9) Any Other Business**

Don Broom expressed his concern that congress fees are steadily increasing, preventing people with low income or no institutional support to attend. Linda

Keeling explained that at the current size of congresses, it is extremely difficult to find cheaper suitable University facilities. For certain tasks such as handling of money or credit cards professional help is now needed in order to keep work load and individual responsibility to an acceptable level. Furthermore, Harry Blokhuis mentioned that acquisition of funding for this kind of congress is quite difficult. He also pointed out that people should not overlook that food is included in the congress fee. In the following discussion it was suggested that profits from former congresses should be used to decrease the next registration fee. Furthermore, possibilities to apply for fee reductions, for instance for people from developing countries, should be advertised. However, the congress profit that goes back into the General Fund of ISAE is usually relatively low, and rules how to handle applications for fee reductions on a larger scale are not easy to devise and implement. Linda asked members to contact the Senior Vice President when they have suggestions how to make congresses cheaper and promised that Council will continue to discuss this issue and look for solutions.

The AGM was closed by Linda Keeling thanking the people for their attendance of the AGM.

Ute Knierim

### **Bug in the system**

I, the bug in the system, admit that it is a bit much of information about Council meetings and General Meeting in one newsletter. Well, I will make it as short as possible. So this time you will not nearly find any topic that was discussed in the meeting, but only the most relevant information for your update about the state of your Society.

The Council meeting per email took place from 9<sup>th</sup> – 13<sup>th</sup> December 2002. One important issue of ISAE business are the annual congresses. The next one in Abano Terme, Italy is not long to take place (24<sup>th</sup> to 28<sup>th</sup> June, [www.isae2003.org](http://www.isae2003.org)), to be followed by the 2004 congress in Helsinki, Finland. Organisation for those are on track, and in general, our Senior Vice President, Joy Mench, and the Congress Committee are busy to prepare guidelines on various congress matters to help safeguard quality and alleviate procedures for participants, organisers and reviewers.

One site on which Council is still working, is the ISAE website. More links to Regional websites shall be put in, and a members only part be constructed in which you should be able to access a membership directory, the ISAE guidelines and the newsletter, for example. However, this will take some more time, and you will be informed about future improvements. Input from the membership on any aspect of the website, suggestions, links etc will be highly appreciated and should be directed

to the webmaster.

In between the commercial administrative support service 'Resources for Business' has taken over its duties, and after some formalities have been fixed and databases transferred, Council hopes that everything in connection with the membership subscriptions and maintenance of the membership database will run smoothly. A new situation is the reduction of the membership subscription for students. The Membership Secretary, Janice Swanson, pointed out that student membership must be verified upon application (e.g. by letter submitted by supervisor) and annually thereafter.

Our new Assistant Secretary, Anna Olsson, is busy looking for funding of ISAE scientific advisory activities. She has already asked you over the ISAE net to inform her (olsson@ibmc.up.pt) about further possible sponsors, and this appeal shall be renewed here. Another aspect which she took up, was whether there are other policy-making entities outside Europe where ISAE could play an important advisory role. Organisations such as the OIE (Office International des Epizooties), that recently adapted a Resolution on Animal Welfare, and the FAO (Food and Agricultural Organisation) were named, and Anna will enquire if ISAE should and can be officially involved. For the activities of our representatives at the Council of Europe see the reports elsewhere in this newsletter.

ISAE Editor Tina Widowski informed that one ISAE Special Issues of Applied Animal Behaviour Science now has been finalised (now published as Volume 81, Issue 3, 2 May 2003) including 8 papers in all. Three of them are Wood-Gush lectures: Hemsworth 1999 Congress; Rushen 2000 Congress; Grandin 2001 Congress. Other manuscripts were based on papers given at the Davis Congress: two manuscripts from the plenary session on companion animals (Mills and Cooper, et al.), a review from the workshop on lab animals (Olsson, et al.), and one from a free paper on integrating animal welfare into undergraduate curricula (Heleski, et al.). The issue also includes the paper developed from the ethical guidelines for applied ethology (Sherwin, et al.). Overall, the Special Issue included a mix of species, research, teaching and clinical applications. As Guest Editors for the issue, Joy Mench and Tina added a preface for the volume that pointed out how this collection of papers reflects the broad interests, roles and responsibilities of the various members of the society. Nine submissions for the 2002 Egmond aan Zee Congress Special Issue are now in the peer review process. The collection of manuscripts includes Fred Toates' Wood-Gush lecture, several review/discussion papers from workshops (two from Egmond aan Zee, one from Davis), and review papers from the sessions on aquaculture, human/animal welfare and free papers.

On the Ethical Guidelines of ISAE it remains to be mentioned that Susan Jarvis representing the British Society of Animal Production has approached Chris

Sherwin, the chairman of the ISAE Ethics Committee, about the possibility of them using or adapting the Ethical Guidelines for their use, so they may link to the ISAE website or cite the guidelines which can be taken as a rather nice compliment for the work of the Committee and other ISAE members involved.

The next Council meeting will be on 24<sup>th</sup> June in Abano Terme. Until then the bug will have transformed into a fly again (that then again will sit somewhere in a meeting room at the wall to listen), and is looking forward to meeting you there at our next ISAE congress.

Ute Knierim

## **ISAE** *news*

### **ISAE Membership News**

Dear ISAE Members,

I should like to welcome our new members to ISAE over the past year. I hope that you will take full advantage of events, services, and information the ISAE and its regional chapters offer. To be listed as a new member, the ISAE Council must approve your application and subscription must be paid.

The expertise of Resources for Associations (RfA), contracted by ISAE last October, will shape membership services for our Society. It has been a transitional year for the office of Membership Secretary (MS) as the reins have been slowly passed to RfA for duties such as database management and subscription services. I fully expect this transition to be nearly complete at the end of my tenure as MS and look forward to the improved services provided by a team of professionals.

Membership renewal is here again with new subscription rates taking effect on June 1, 2003. Your subs billing (issued by RfA) for the 2003 - 2004 membership year will reflect the rates approved by the AGM at the summer meeting last August. As a reminder, the new subscription rates include two categories of membership: full membership is 25 GBP and student at 15 GBP. Effective on August 9, 2003 ISAE no longer offered the option to pay subs up to 5 years in advance. ISAE will honor the advanced subs paid prior to this date. The payments are still in British Sterling and perhaps the easiest way to pay is by credit card (VISA, MASTCARD and EUROCARD).

Another change has occurred during the last year. Elsevier, publisher of Applied Animal Behaviour Science, has changed its subscription currency to the Euro. The journal is available to ISAE members (with paid up subs) at the rate of 87 Euros. ISAE members wishing to initiate a journal subscription may contact the Membership Secretary. Elsevier assumes all billing and renewal transactions and notifications. Each year Elsevier will verify, through the MS, the membership standing of all ISAE subscribers. Please keep your subscriptions up to date to avoid billing at higher rates or interruption of service.

I complete my tenure as your Membership Secretary this year and I would like to thank the members, officers, and regional secretaries for great patience and cooperation in working with my office. I also extend a heartfelt thank you to my administrative assistant Ms. Nicole Marple for 5 years of database management, trouble shooting, membership interactions, mailings, and society business transactions. I could not have performed my duties as MS without her assistance. I deeply appreciate her dedication without one peep of complaint. Finally, I had the benefit of a superb Department Head who allowed Nicole's time to be donated to the Society. I hope to see you in Italy and best wishes to the new MS.

Janice Swanson  
Membership Secretary

The following new members have been approved by Council. A further 15 applications received up to April 2003 are under consideration

<b>New Members</b>		<b>Country</b>
Anthony	Raymond	Canada
Baird	Lorna Gail	Canada
Bolhuis	Liesbeth	The Netherlands
Brooks	Raymond	United Kingdom
Brusius	Luisa	Brazil
Burn	Charlotte	United Kingdom
Chaloupkova	Helena	Czech Republic
Christensen	Janne Winther	Denmark
Creighton	Emma	United Kingdom
Croney	Candace	USA
Dandrea	Jennifer	England
De La Fuente	Jesus	Spain
Desire	Lara	France
Diehl	Nancy	USA
Diesch	Tamara Johanna	New Zealand
Dixon	Greg	United Kingdom
Doughty	Hunter	Australia
Ejvegarel	Sara	Sweden
Elliker	Kevin	United Kingdom
Eriksen	Marit Skog	Norway

Gacsi	Marta	Hungary
Genever	Elizabeth	United Kingdom
Guy	Jonathan Hugh	England
Hawkins	Kim	United Kingdom
Hillmann	Edna	Switzerland
Holm	Louise	Denmark
Holmes	Lisa Nash	USA
Johannesson	Torfi	Iceland
Koch	V. Wensley	USA
Leckie	Emma	Great Britain
Lerner	Henrik	Sweden
McGee	Sieglinde	Ireland
McLeman	Morven	England
Muhonen	Sara	Sweden
Neveux	Sophie	Canada
Oostra	Huibert	Sweden
Osthaus	Britta	United Kingdom
Pearce	Sarah	United Kingdom
Sandilands	Victoria	Scotland
Schuster	Kathrin	Germany
Schwencke	Hans Petter	Norway
Seksel	Kersti	Australia
Siegford	Janice	USA
Sisto	Anne	Mexico
Sneddon	Lynne	Northern Ireland
Stehulova	Ilona	Czech Republic
Stevens	Valerie	Canada
Sugnaseelan	Sumita	United Kingdom
Tolo	Elisiv	Norway
Toscano	Michael	USA
Tsourgiannis	Christos	United Kingdom
Tuyttens	Frank A.M.	Belgium
van Driel	Katja	United Kingdom
Van Loo	Pascalie L.P.	The Netherlands
Veira	Douglas	Canada
Vichova	Jitka	Czech Republic
Viranyi	Zscfia	Hungary
von Keyserlingk	Marina A. G.	Canada
Waters	Amanda J.	United Kingdom
Webb	Vikki Elizabeth	United Kingdom
Webster	Jim	New Zealand
Weeks	Jennifer	USA
Wolf	Fernando Machado	Brazil

### **Current Membership Statistics**

<i>Region</i>	<i>Total members</i>	<i>New members since 2002</i>
Australasia/Africa	41	4

Benelux	48	3
Canada	38	6
East Asia	27	0
East Central Europe	39	5
Latin America	23	3
Mediterranean	65	2
Nordic	105	10
United Kingdom/Ireland	203	21
USA	94	7
West Central Europe	46	2
<b>Total</b>	<b>729</b>	<b>63</b>

## **Regional News**

### **East and West Central Europe ISAE Regional Meeting**

For the first time, a joint meeting of the ISAE regions East and West Central Europe took place from 18. – 20. April 2002 at the Research Institute of Animal Production (VÚŽV) in Prague – Uhřetěves. The location of the Institute in a suburb village at the southeast perimeter of Prague provided us with a quiet, relaxed atmosphere. There were more than 50 participants at the meeting from all over the two regions.

The meeting offered two stimulating and interesting days with 13 oral and 22 poster presentations to individual behavioural differences, learning and behaviour, human-dog interactions and free topics in farm, laboratory, zoo and pet animals. The three plenary lectures dealt with the significance of individual behavioural differences for the assessment of husbandry conditions, with communication and social learning of dogs living with humans and with the use of vocal behaviour to assess welfare. The scientific program was topped off with a workshop on vocal behaviour as an objective indicator of animal welfare, organized and managed by Dan Weary, Lars Schrader and Gudrun Illmann.

Besides the scientific program we could enjoy a fine social dinner followed by dancing, where future cooperation between the two regions already could be practised in another context. Altogether, the meeting was not only interesting and successful with respect to enhance scientific exchange, communication and stimulate cooperation between the two regions, but very enjoyable in a beautiful atmosphere. Many thanks to Marek Spinka and Gudrun Illman for their excellent job in organizing it, as well as to the workshop organizers! Let's hope further such events will follow!

Susanne Waiblinger

### **Canada Region**

The ISAE regional homepage for Canada is on-line providing information about regional activities, Canada itself and a list of links to websites maintained by ISAE members here in Canada. As well, the website contains an archive of abstracts from past North American ISAE (NA-ISAE) regional meetings.

ISAE regional homepage for Canada –

<http://www.usask.ca/wcvm/herdmed/applied-ethology/isaе/isaecanada/meetingsenglish.htm>

The most recent NA-ISAE regional meeting was held last summer in Quebec City, Canada from July 20-21, 2002. The local organizer was Dr. Renée Bergeron from Laval University who received great assistance from her supporting cast of students including Valérie Dufour Judith Lafrance and Evelyne Lepron. The official organizing committee included Moira Harris and Ed Pajor, in addition to Renee and myself.

In all 68 people attended, including guests from Brazil, Denmark, France, New Zealand, Spain and Sweden. We were all welcomed with an enjoyable outdoor meal and social gathering at the edge of the University botanical gardens, on the evening prior to the scientific program. There were then 18 spoken seminars and 14 poster presentations the following day.

Two students received special recognition for their presentations. Acknowledged for their work were Ms. Carien Vandenberg for “Sexual behaviour and fertility of broiler breeder flocks illuminated by high-pressure sodium, compact fluorescent and incandescent lighting” (University of Guelph, advised by Dr. Tina Widowski) and Mr. Mark Woodcock for “The effects of maternal sounds on chicks” (Purdue University, advised by Dr. Ed Pajor). Please visit the ISAE Canada homepage to review their abstracts as well as all others presented at this meeting.

In addition to the local and official organizing committees already mentioned, there are others who deserve thanks for contributing to the success of this meeting. These include Jon Watts and Don Lay for their assistance with the reviewing of the abstract submitted. Thanks also to the graduate students who served as excellent Chairs for the presentation sessions: Camie Heleski, Stephanie Torrey, Mike Toscano, and Mark Woodcock. Lastly, thanks to those who helped evaluate the graduate student presentations for their encouraging comments and helpful feedback!

No NA-ISAE regional meeting is currently being planned for 2003 but if you are interested in hosting a regional meeting, please drop me a line! As you can see from the above, you will have plenty of help and support!

Wishing everyone a safe and enjoyable summer,

Derek Haley: ISAE Regional Secretary – Canada

[derek.haley@usask.ca](mailto:derek.haley@usask.ca)

**UK/Ireland Region**

Dear members,

As this is my first newsletter article as UK/Eire Regional Secretary I would like to take the opportunity to thank the outgoing secretary, Jon Day, for all his hard work in the region over recent years. I'm sure it is very much appreciated by us all.

Our UK/Eire regional meeting was held at York University on the 24<sup>th</sup> and 25<sup>th</sup> of March, in conjunction with the meeting of the British Society for Animal Science (BSAS) and the World Poultry Science Association (WPSA). Once again the sun shone on us on this beautiful and ever expanding campus, which always helps facilitate those post session discussions (that and a cold beer!).

This year, there was a special call for Companion Animal papers and we devoted a whole session to papers on animal species that are often (though not exclusively) kept as companions, ably chaired by Sarah Heath. All the speakers gave excellent presentations. Rachel Casey gave a thought provoking talk on the complex area of equine stereotypy and discussed potential trigger factors for the different types of stereotypy exhibited by this species. Horse welfare was also considered by Rachel Eger in her talk on the behavioural and physiological consequences of castration in horses. In a paper that had implications for pet rabbits in addition to laboratory rabbits, Shirley Seaman presented the findings of her research into the effects of different aspects of the cage environment on the behaviour of laboratory rabbits. Nicola Rooney talked on her excellent work studying the effect of games on the dog-owner relationship and John Bradshaw presented a thought provoking talk on whether dominance hierarchies in cats is a useful construct to us as behaviourists, or a bad habit?

This session was followed by a joint ISAE/BSAS session on current companion animal issues organised by Jonathan Cooper. Speakers here included Jeff Sampson from the Kennel Club talking very knowledgeably on genetic disorders in dogs, James Kirkwood from UFAW with his considered viewpoint on issues arising from the demand to keep exotics as pets, and Roger Mugford talking about his perspectives on the field of Pet Behaviour Counselling. DEFRA also made a contribution outlining the current state of play with regards to potential changes in UK Animal Welfare Legislation especially in relation to companion animals.

Though our second session was intended to be open to all areas of our field, it turned out to be a pig ethology session (it must be the year's fashion!). Ian Horrell deserves a special mention and a thank you not only for his excellent talk on stonechewing in outdoor housed pigs but also for organising in inpromptu debate on the session's topics when the projection equipment failed and required technical assistance!

The organisers of the BSAS side of the conference are now seeking feedback on the delegates perception of the conference venue and facilities. If any of our

delegates would like to contribute and are not members of BSAS I would be happy to pass on your comments. Similarly I would appreciate any feedback from members on the ISAE sessions and ideas for special sessions or workshops that could be run as part of the Regional meeting next year. I can be contacted by email: [cnevison@myerscough.ac.uk](mailto:cnevison@myerscough.ac.uk)

Regards,  
Charlie Nevison.

## Reports

### **ISAE and Application of Animal Welfare Research (European Perspective)**

Since its inception as Society of Veterinary Ethology, the ISAE has been heavily involved in the progression of animal welfare research, the dissemination of the findings of objective studies of farm, laboratory, companion and exotic animals and provision of expert advice to local, national and international bodies. ISAE maintains a fund to support the provision of expert advice to legislative bodies where appropriate. Below are examples of some of this work over the past year and collaboration with other bodies in the legal and ethical protection of animals. The fund is administered by the ISAE assistant secretary, who welcome suggestions of bodies that might contribute to the fund.

### **Report from Robert Hubrecht about activities of the ISAE representatives at the Council of Europe concerning laboratory animals**

The Council of Europe is in the process of modifying Appendix A to the Convention ETS 123 which provides recommendations on the care and husbandry of laboratory animals. The revision is emphasising the importance of appropriate social contact and enrichment instead of just concentrating on minimum space allowances. The Working Party charged with carrying out the revision has produced new recommendations for some species groups such as Rodents, Rabbits and Cats and Dogs, however further work is required for other species. Unfortunately, all of the work remains in draft stage until it is approved by a Multilateral Consultation, but there is some hope that this could occur in 2003.

While the Council of Europe Convention can only provide recommendations, the revision will be valuable as it has the potential to influence over 41 member nations. Moreover, the revision has important implications for members of the

European Community as the European Commission has recently ratified the Convention and will have to revise the European Directive 86/609/EEC to bring it into line with the Convention. Once this occurs members of the European Union will be required to update their national legislation to incorporate any revisions to the Directive.

A Draft Report on the Directive is available at

<http://www.europarl.eu.int/meetdocs/committees/envi/20021002/envi20021002.htm>,

and this suggests that a revision to the Directive might include substantial changes to the Articles and scope of the Directive as well as to the recommendations on housing and care. For example it is suggested that the Directive, like Convention 123 should cover the use of animals for education and training purposes and that the definition of an animal should be widened to include embryonic and foetal forms as well as Cephalopods and Decapods.

In the last year Robert Hubrecht and Marcus Stauffacher have been continuing to represent ISAE at the negotiations on the revision of Appendix A to Council of Europe Convention ETS 123. RH and MS attended a Working Party meeting 8th-11th January, and RH attended a Working Party 8-11th October. A further meeting took place in January 2003.

### **Report from Isabel Veissier - Council of Europe 7 Dec 2002**

The standing committee of the convention for the protection of farm animals meets twice a year: once in May-June and once in November-December. Dates of meetings: spring meeting on 27-31 May and autumn meeting on 3-6 December  
Recommendations under discussion: Pig (at its final stage now), Rabbit and Fish

Markus Stauffacher and Isabelle Veissier attended the meetings on days according to the topic discussed (Markus for discussion on rabbits and Isabelle for other matters (pigs, fish, definition of essential needs, etc.). Up to now, the discussions on fish have concerned only a small part of the agenda of the meetings (half a day or less at the current meeting) but we expect this to be a more important topic for the next meetings. We would like L. Sneddon for participation in the discussions as an expert on fish since neither Markus nor I have good experience on that subject.

Isabelle Veissier (contact: [veissier@clermont.inra.fr](mailto:veissier@clermont.inra.fr))

**Representation at the Council of Europe (compiled by Marcus Stauffacher):**

Robert Hubrecht (UFAW) and Markus Stauffacher (ETH Zurich) for the Revision of Appendix A of the European Convention for the protection of vertebrate animals used for experimental and other scientific purposes (CoE ETS 123). The broad variety of animal species under discussion as well as the activities of Robert and Markus in several CoE expert groups make it decisive that both, Robert and Markus, attend the meetings (so far 4 meetings at CoE and many expert meetings for drafting proposals). We dare to say that our impact is high. Without our efforts the revised recommendations for rodents, rabbits, dogs and cats, which are finalised by now, and which will hopefully be politically adopted by the Multilateral Consultation in October 2002, would definitely not look as they do. The species groups still under discussion are non-human primates, farm animals, ferrets, birds, amphibians & reptiles, and fish.

Isabelle Veissier (INRA, Clermont) and Markus Stauffacher (ETH Zurich) for meetings of the Standing Committee of the European Convention for the protection of animals kept for farming purposes (T-AP). Here, the involvement of Markus Stauffacher is restricted to those meetings where the new recommendations for farmed rabbits are the main topic (so far three meetings, two meetings in 2002). At T-AP, only very few NGOs are approved; thus, the impact of ISAE is very important.

As most of the political parties are not familiar with rabbits, and as there is a strong pressure from rabbits breeders on those parties with a lot of intensive rabbit farming (France, Italy, Spain, Belgium), the Belgium government (EU chair 2001) invited CoE to hold its 42nd T-AP meeting from Dec 3rd to Dec 7, 2001, in Ghent. During an one day excursion Belgium rabbit farms and a research station were visited with both, intensive farming and alternative housing and management systems. It was a great pleasure for me to see that our housing concepts for fattening and for breeding rabbits work well also on large scale.

In T-AP the process of working out recommendations takes much more steps than for ETS 123 due to the economical situation, the strong involvement of the EU, the more binding character of regulations, as well as due to the variety of details covered in a recommendation. For one species, there may be up to 15 meetings at Strasbourg until a new recommendation is finally adopted (e.g. turkeys, pigs). Whereas for ETS 123 expert groups (with members delegated from all NGOs at CoE) work out the drafts of recommendations, at T-AP the NGOs comment on drafts worked out by the political parties (the so-called bureau).

Markus Stauffacher (contact: [markus.stauffacher@inw.agrl.ethz.ch](mailto:markus.stauffacher@inw.agrl.ethz.ch)).

## **The RSPCA and Applied Animal Behaviour**

For an animal welfare organisation, the expertise provided by applied ethologists

and journals such as *Applied Animal Behaviour Science* can serve as a valuable tool to help improve the lot of animals at a time when farmed, laboratory, wild and companion animals are under unprecedented pressure. The expanding human population demands ever more food, space for housing and, from companion animals, direct emotional support. In addition, industry and academia are continually producing and promoting new pharmaceuticals, chemicals and knowledge and developing new uses for animals, for example as genetically modified “bioreactors”. The drive to use animals and apply new technologies to them can be extremely strong, and so those who aim to question why and how animals are used need to make a correspondingly strong case for raising the priority given to animals and their welfare.

The RSPCA therefore relies heavily on animal behaviour science to assess the effect on welfare of current practice in farming, research, companion animal care, wild animal management and the use of animals in sport and entertainment, and also to call for improvements and move discussions forward in all of these areas. Objective research into animal behaviour helps us to identify what will genuinely be in animals’ best interests and, critically, to ensure that we can provide a factual basis for campaigns and lobbying. In the case of laboratory animals, we use animal behaviour science to help to define and promote ways of applying the Three Rs of replacement, refinement and reduction.

To give just one example, the RSPCA (along with ISAE members) is closely involved in the revision of various Council of Europe Conventions that set out guidelines on the care and use of farmed and laboratory animals. Unfortunately, there can be serious conflicts between the requirements of humans and animals within processes such as these, so objective evidence for animals’ behavioural requirements is absolutely essential to identify and defend welfare needs and press for a more animal-centred approach. Although those concerned with animal welfare sometimes have to compromise more than we would wish, without the results of behaviour studies we would not have been able to make all of the advances that we have done.

However, while such science can benefit animals, it is also a source of concern for two reasons.

**Firstly**, studies can cause animal suffering as a result of experimental procedures and husbandry. Standard laboratory housing and the commercial (agricultural) husbandry sometimes used in applied studies can both cause serious behavioural and welfare problems. This presents a grave ethical dilemma, particularly for welfare organisations which often need evidence to enable them to help animals but do not want to create a demand for, or to benefit from, animal suffering. The RSPCA believes that learned societies have a vital role to play in helping their members minimise the impact of their research on animals. The existence of the

ISAE Ethics Board and its new paper on the ethical use of animals in applied ethology studies (Sherwin *et al.* 2003) are therefore both very welcome and provide a good example for other organisations which are yet to properly engage with this issue.

**Secondly**, the lack of application of the body of knowledge gained by animal behaviour scientists is extremely frustrating for all of us. To give just one example, many papers have been published – in *Applied Animal Behaviour Science* alone – by respected authors, using credible techniques, on the basic requirements of domestic fowl. However, visits to many commercial broiler or battery cage laying hen units or scientific procedure establishments will demonstrate that few, if any, of these most basic needs are met. In some cases this will be for economic reasons (which is not a valid justification) but in many others it will be due to lack of awareness that the body of literature even exists, let alone awareness of what it contains. This is clearly not acceptable, not only because it means that animals are suffering unnecessarily but also because people who may well want to improve the lives of the animals under their control do not have access to the information that they need in order to do so.

The ISAE's stated aim to encourage the assimilation of scientific knowledge and encourage its relation to practical problems concerning the way animals are kept and cared for is therefore very welcome. However, it is not clear how the ISAE achieves this in practice. Is the ISAE satisfied with the level and nature of the liaison that it has with other scientific organisations and the various industries and bodies that use animals, for example? How does it decide which organisations and areas of animal use to focus on and how can it tell whether it has made a difference? These are genuine questions that the RSPCA also frequently asks itself, as another organisation that is responsible for bridging the gap between the literature and what is done to animals in the real world.

Penny Hawkins  
Research Animals Department  
RSPCA  
11 April 2003

Sherwin CM, Christiansen SB, Duncan IJ, Erhard HW, Lay DC Jr, Mench JA, O'Connor CE, Petherick JC (2003) Guidelines for the ethical use of animals in applied ethology studies. *Applied Animal Behaviour Science* **81**: 291-305

### **Help with Finances**

As the Assistant Secretary of the ISAE, I contact you to ask for help to find sponsors for our expert representation. At the moment, ISAE has expert

representatives giving advise to the Council of Europe in questions concerning farm and laboratory animals. Given the high reputation ISAE has as an independent organisation of merited scientists in the area of animal welfare, our representation at Council of Europe is very important. However, it is also costly for the ISAE as no financial support comes from the Council of Europe. We try to get as much external funding as possible to support the costs involved with this representation. So far, ISAE has mainly received sponsoring from UK based animal protection organisations, but obviously the representation is of interest for all European countries. Do you know of an animal protection organisation/charity/fund in your country which you think may be willing to sponsor the ISAE? Please send the contact details (including the name of the appropriate person to approach, if you know) to me and I will proceed with further contacts.

Anna Olsson

## *Future meetings*

### **ISAE International Meetings**

#### **37<sup>th</sup> ISAE International Congress Italy 2003**

Dear ISAE-members,

As you already know the 37th International Congress of the ISAE will be held from June 24-28, 2003, in Abano Terme, Italy. We intend to make this congress a very interesting and memorable event from beginning to end. The latest research in applied ethology and animal welfare will be presented in high quality congress facilities. In addition to the Congress you are invited to participate in the ISAE social events and excursions and to experience the richness of Italian cultural expressions like art, architecture, and the diversity of its natural environments.

Abano Terme, is a small town well-known for thermal baths. The town is situated in the north eastern part of Italy, 30 minutes by train or bus from Venice. The congress will be held in Hotel Alexander which is located in the city centre. The Hotel comprises a large number of conference- and meeting rooms as well as modern single and double rooms. Participants will have lunch at Hotel Alexander. A high quality buffet lunch which is included in the registration fee will be served.

Other meeting you can attend in the same period in Italy

June 24 2003 Hotel Alexander Abano Terme  
Satellite Meeting on Horse Welfare

The meeting will consist of a morning session on training methods for horses presented by invited speakers and an afternoon workshop in which all participants by means of a so called MetaPlan method are actively involved in identifying important horse welfare issues. The aim of the workshop is to reach consensus on recommendations for future horse research.

Detailed information will be available on the web site [www.isae2003.org](http://www.isae2003.org)

see you in June in Italy  
best regards

Elisabetta Canali

### **38<sup>th</sup> ISAE International Congress 2004 Helsinki, Finland.**

The congress in Finland is in 2004. Further information via the congress website

[www.isae2004.org/](http://www.isae2004.org/) or via the Nordic Region Website <http://isae-nordic.nlh.no>

### **39<sup>th</sup> ISAE International Congress 2005 Japan**

Information on ISAEJapan2005

Dates: 20th-25th August 2005

Location: Azabu University, 1-17-71 Fuchinobe, Sagamihara, Kanagawa 229-8501, Japan

Contact person: Shusuke Sato  
National Agricultural Research  
Organization,

e-mail: [shusato@affrc.go.jp](mailto:shusato@affrc.go.jp)

## **ISAE Regional Meetings**

GERMAN VETERINARY SOCIETY - SECTION OF APPLIED  
ETHOLOGY,  
35th INTERNATIONAL CONGRESS ON APPLIED ETHOLOGY 2003,  
FREIBURG/GERMANY, 20 - 22 NOVEMBER 2003.

The programme of the 2003 meeting will include sessions on the following topics:

1) ANALYSIS OF BEHAVIOURAL DATA

Statistics, pseudoreplication, field studies

2) HOUSING SYSTEMS AND EQUIPMENT

Pretesting of housing systems, ability to adapt, assessment of animal welfare

3) BEHAVIOURAL THERAPY, TRAINING OF ANIMALS, LEARNING

4) ETHOLOGICAL CRITERIA FOR THE HOUSING OF WILD ANIMALS

5) FREE PAPERS

Preferred are innovative contributions on the behaviour of domestic/captive animals and animal husbandry.

There will be a brief meeting of the ISAE-Regional-Group West Central Europe at the congress.

CALL FOR PAPERS:

Abstracts in German or English must include topic, title, author(s) and affiliation, and should contain sufficient information on objectives, methods, sample size, results, conclusions and implications of the study.

DEADLINE for the submission of abstracts for oral presentations (15 min presentation and 15 min discussion, posters are not accepted) is 15 June 2003. Abstracts (one page, no figures/tables/references; please assign your abstract to one of the topics) should be sent (hard copy by post; no fax please) to:

Dr. U. Pollmann  
Deutsche Vet.-Med. Gesellschaft  
Am Moosweiher 2  
D- 79108 Freiburg  
Germany

## **Obituary: Dr Julie Morrow**

I am honored to be asked to speak about the life of Dr. Julie Morrow. Her passing should be a testament to her strong will, her sense of humor, her professional accomplishments and her love of family and friends. She has inspired many during her life, but some people are not aware of her many accomplishments. We celebrate her life by recalling her dreams and her accomplishments.

I first met Julie in the summer of 1984 at the national meeting of the American Society of Animal Science. The meeting was held in Columbia, Missouri in August. Julie was at that time a graduate student at the University of Nevada at Reno. She approached me about the idea of attending graduate school and working towards her PhD. We had a long conversation in the sweltering summer heat of Missouri and I learned some things about Julie that have stayed with me over the past 18 years.

For her PhD., Julie tackled a research problem that was clearly unique. She asked the question: do pigs have maternal pheromones? Can piglets recognize their mother by their scent alone? And can we use this information to improve the welfare of the pigs. In a series of studies, Julie identified that pigs do recognize their mother by their scent – by a pheromone -- and she was the first to report that pigs have what is called a maternal pheromone. Julie showed that piglets learned their mother's scent by 12 hours of life. The maternal pheromone was comforting to the piglet. Later, based solely on her work, a French research group isolated the maternal pheromone and it is now sold commercially as a tool that can be used to reduce stress in the weaned piglet – the scent of the mother is comforting to the piglet. The maternal pheromone is sprayed on the environment after weaning and it reduces the stressfulness of the post weaning environment.

Julie has many accomplishments in her professional life. She was a member of the American Society of Animal Science, the International Society for Applied Ethology (where she was an officer), the Animal Behavior Society, The Scientists Center for Animal Welfare, the International Society of Psychoneuroendocrinology, the American Association for the Advancement of Science, the Council for Agricultural Science and Technology, Gamma Sigma Delta, and Sigma Xi. Julie was one of the first scientists to become board certified in Animal Behavior by the Professional Registry of Professional Animal Scientists. Julie was a member of numbers local, national and international committees. She was most active recently with the Federation of Animal Science Societies Animal Care, Use and Standards Committee and with the National Pork Board's Animal Welfare Committee – both committees with a national reach. She was a regional secretary for the International Society of Applied Animal Ethology. She was an active and fully-engaged member of the Texas Tech University Animal Care and

Use Committee.

Julie has received many awards for her hard work. She has received four Certificate of Merit Awards from USDA-ARS. She has served on the editorial boards for the Journal of Animal Science, Applied Animal Behavior Science and The Professional Animal Scientist – all internationally recognized scientific journals. Her awards included numerous research grants given to her to accelerate her research endeavors. One of the most important professional activities that Dr. Morrow and her family can be proud of is her publication in scientific journals. Julie was an author or co-author on over 20 scientific papers in respected international journals. Dr. Morrow also published or presented over 65 abstracts or technical writings. These publications will live on forever in libraries and bookshelves around the world.

I know that your sympathies are with her daughter Amy, her mother Sallie, her father Bud, her brother Tom and the rest of her family. Her family should be proud of Julie for her strong will, her sense of humor, her professional accomplishments, and her commitment to her family. We will all miss her.

**Taken from Eulogy given by John McGlone. 10/1/2003**

## **And Finally we want you!**

2003 will be a year of quite a number of changes in ISAE Council. Terms of service of the Presidents will end, which means that Joy Mench will leave her post. If members agree, Linda Keeling will become Senior Vice President and Ruth Newberry President. We will then need a new Junior Vice President. At the same time our Membership Secretary, Janice Swanson, and Treasurer, Jeremy Marchant Forde, will leave as their terms of office are over, as well as the regular two Ordinary Council Members, this year Cathy Dwyer and Lena Lidfors who have also served their terms. Additionally Jonathan Cooper wants to resign from his post of Communications Officer because of other work commitments. This makes altogether six positions for which volunteers are sought. The main duties of the positions are described below.

If you know of any person who would be suitable for one of the positions, please get in contact with your Regional Secretary, me or any other Council member, but please check with the person before you nominate them. Self-nominations are also welcome.

### **JUNIOR VICE PRESIDENT**

assumes the duties of the President in the latter's absence or inability to serve and acts as the coordinator for the Regional Secretaries. The JVC serves for two years, normally then becoming President and, after further two years, Senior Vice President.

### **MEMBERSHIP SECRETARY**

ensures together with Communications Officer and Regional Secretaries that guidelines for the membership database are being written and adhered to now that professional services have taken over some of the former duties of the MS; is the contact person for questions related to membership.

### **TREASURER**

oversees the collection of dues and managing of funds by the professional services; prepares the annual budget; makes purchases etc.; presents a financial statement of the ISAE to Council and to the membership at the Annual General Meeting.

### **COMMUNICATIONS OFFICER**

edits and distributes (electronically) ISAE newsletters to ISAE members; maintains the ISAE web-site; writes the one-page advertisement for the ISAE to be published in Applied Animal Behaviour Science.

Terms of service are normally five years.

### **ORDINARY COUNCIL MEMBERS**

have no specified function, although are expected to assist with general Council business. Their terms normally last for three years, and each year two new members are to be elected by the AGM.

## International Society for Applied Ethology: Council 2002-2003

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