

Fish diversity and conservation in Bournemouth; the Summer Symposium of the Society

Sui Chian Phang, a postgraduate student at the Conservation Ecology and Management Group, University of Bournemouth

The 2011 FSBI conference was hosted by Bournemouth University in late July, with the theme of "Fish Diversity and Conservation: Current state of knowledge". Drawing over 130 delegates from as far away as Australia, South America and South Africa, the conference addressed the issue of conserving fish diversity in an era when human use and demands for water resources are ever increasing. The oral and poster presentations generally reflected concern of how to manage such fragile resources in more sustainable manners and described worrying trends of local extinctions and increasing homogenisation of fish diversity across the world.

Of particular attraction during the conference were the insightful and thought-provoking keynote presentations, presented by Prof. Paul Skelton, Prof. David Dudgeon, Prof. Steve Railsback, Dr. Julian Olden, Dr. Ya-Hui Zhao and Prof. Ian Cowx. Moreover, a number of these key-notes were filmed and should be available to view online in the near future to inspire those unable to attend. The Jack Jones Memorial lecture was presented by Prof. Anne Magurran where she explained her research that integrates patterns of temporal and spatial fish biodiversity with effective conservation practices. Indeed, all the key-note presenters independently touched on the difficulty of ensuring that sound science and research underpins conservation efforts, but noted this applied aspect of science is highly important to ensure that we understand the consequences of different management options. There was discussion on the

compromises conservationists may need to make when faced with some arguably inevitable developmental projects, for example, the construction of some dams for hydropower. It was argued that those fish scientists most aware of the reality of human development and 'environmental' projects were most likely to be successful in influencing policy and river management schemes – i.e. some say is better than no say! It was also apparent that whilst we certainly do not have all the answers, we do have much of the underlying information necessary to avoid the worst effects on the physical processes and fish fauna of rivers when they are dammed by concrete barriers.

The oral and poster presentations

completed by the other delegates were equally stimulating. With 15 minutes per talk, many topics were covered in the sessions and time-keeping was generally excellent. Special mentions must be given to those who presented in their second language – a real applaud-worthy task but essential in ensuring we could all communicate our science successfully. The sheer amount of enthusiasm and fish-talk (and fish pictures) must surely have frightened any local passerby. It was certainly exciting to be in the mix of such enthusiasm and one can hardly imagine a more pleasant experience than consuming coffee-dunked gold-crunch shortbread whilst in the midst of an enriching fish conversation. The evening wine poster sessions were equally fascinating and thanks must go to Wiley-Blackwell for their sponsorship of these. This enthusiasm of delegates in communicating their ideas and research meant that one particular participant, coming from a biomolecular background and thus a relative newcomer to the fish science community, was able to remark how cohesive a research community we are and how determined we were to apply our research into management practices. We should use this cohesiveness to our advantage and highlight the importance of freshwater fish biodiversity to everyone – and not just the fish-enthusiasts!

Following the success of previous FSBI symposia, the conference also ran lunchtime workshops to assist young researchers listen to those with more experi-



Professor Anne Magurran during her JW Jones Memorial Lecture. Jones was a founder and founding President of the Society.

Continued on page 2 

Fish diversity and conservation in Bournemouth; the Summer Symposium of the Society – *continued*

ence on how to develop their academic writing and to highlight the many varied careers that can come from working in fish science – and how to navigate through these. From a personal point of view, this was an excellent initiative that enabled those early in their careers to grasp some of the realities of working in science and research, but proof of the pudding will be in the eating – or on the next submission of a manuscript! The open, question-answer nature of these sessions, and their informality, saw the time fly by but they should prove to have been a highly insightful experience for all those involved.

In spite of all the enthusiasm of the delegates for their science and knowledge transfer, the conference organising committee were well aware that an “all work and no play” attitude would make fish scientists grumpy and so a full social calendar for the week was planned. The reception at the Bournemouth Oceanarium on the first night proved a perfect ice-breaker, drinking wine amongst a plethora of fish from across the world. The evening cruise around Poole harbour and along the Jurassic Coast (a World Heritage site) that was bathed in sunset hues (rather than the

rain that had been forecast) provided the perfect backdrop to conversations between old – and new – friends. The weather even failed to affect the beach barbeque held the following evening, although there were few short sleeves in evidence! A guitar performance by an attendee proved popular and showed how multi-talented a fish-scientist can be.

The conference banquet was held on final evening with great success. This year’s prestigious Beverton medal was awarded to Prof. Monty Priede, ocean Lab, University of Aberdeen for his lifelong contribution and groundbreaking research on tracking fish movement and behaviour. For an exceptional start to his research career, Dr. Ashley Ward, at present at the Leibniz Institute for Freshwater Ecology, Berlin, was awarded the FSBI medal for his work on fish behaviour. This year, the Le Cren medal was awarded to Dr. Robert McDowall for his outstanding contribution to freshwater fish research but who has sadly recently passed away (see the Spring edition of the newsletter for an article about Bob: Ed). His deep commitment to conservation and his engagement with managers and the wider public interest were discussed as pioneering and an example to all.

In the author’s opinion (nothing to do with his affiliations with the organising committee!), the event was a great success. Each successive day presented new and exciting research to inspire, enthuse and sometimes question! However, it was also clear that there is now a need to disseminate our research to a much wider audience so as to stir and engage public interest. We need to make use of all avenues of public communication; from the traditional media like newspapers and internet



Ian Cowx, University Hull, demonstrating some critical point to William Taylor, Past President of the American Fisheries Society, at the chilly looking beach barbeque.

sites to social networking sites and other forms of mass communication. Some astutely suggested opening the doors of future FSBI symposia to the public and fishery managers as a more direct means of integration. We need to remain aware of the demands of the non-academic world and continue to understand that global development is economically driven which may mean interpreting our research in economic terms and moving away from “species conservation” to “ecosystem services”. The demands on freshwater resources, of which fishes are a significant component, are driven by a complex web of stakeholders and we must begin to talk louder in the global language of economics to stop the worrying trends in freshwater fish biodiversity. Only then may we be really successful in conserving fish diversity and stop the downward trends becoming destiny.

The meeting was organised by Professor Rudy Gozlan at the University of Bournemouth with a group of helpers that included, Dr Rob Britton, also from Bournemouth, Dr Kathleen Beyer (SARDI), Prof. Gordon Copp (Cefas Lowestoft), Dr Julien Cucherousset (CNRS-Toulouse) and Dr Bernd (University of Hull)



Delegate with plate of food. All part of the boat trip.

EDITORIAL

With a new President and Vice-President, the Society starts on a new era. The next generation takes over but there are still a few old-timers left in the hierarchy. As President, Ian Winfield has to deal with a selection of tasks that reflect the order of magnitude increase in the level of activity in the Society. When I took over as President in 1997, the affairs of the Society were straightforward. Travel and research grants had to be administered, the studentship was underway and becoming established and there was the annual problem of thinking where the next but two summer symposia was to take place. For Ian, the jobs to face are more daunting, with the World Fisheries Congress next May being the biggest challenge. Although professional conference organisers are doing all the detailed work, Ian still has the knowledge that the Society is sponsoring the meeting financially and is supplying much of the scientific input to the programme via the immediate past VP, Mike Kaiser.

In my last editorial I thanked Felicity Huntingford for her hard work but failed to mention Mike Kaiser who has done an enormous amount for the Society as Vice President and has taken on the burden of organising the WFC scientific programme. He has used his contacts in the fisheries world to secure some

of the best keynote speakers one could hope for and has helped to involve the fish processing industry and a number of NGOs. Their participation will broaden the base of the conference and make it appealing to a wide audience. The sad thing is that Mike will not be serving as president, which we might have been the usual progression. Perhaps in the future, when his life is less hectic, he might come back and be President.

The three medallists this year are a distinguished set but represent very different approaches to fish biology. Monty Priede is doing work that would scare most people off because of the technical difficulties, Malcolm McDowell was a great exemplar of the scientist who is always thinking one step ahead of the rest and Ashley Ward represents a generation that is forging new ways of understanding the subtleties of fish behaviour. The remarkable thing is that the work he is doing on schooling behaviour is of interest to those studying far more than fish. Such is the relevance of fish biology.

Paul Hart
Leicester

August 2011

Next deadline: 1st November 2011

Current Officers and Council Members

Name	Elected/retired	Function/Committee
OFFICERS		
Ian Winfield	2011/15	President
Iain Barber	2011/15	Vice-President
Brian Eddy	2005/9/13	Honorary Secretary
Gordon Copp	2005/9/13	Honorary Treasurer
ELECTED MEMBERS OF COUNCIL		
Ian McCarthy*	2008/12	Studentships
Tara Marshall	2009/13	Studentships
Vladimir Kováã	2008/12	Grants
Joanna Grabowska	2008/12	Grants
Francis Neat	2009/13	Grants
John Pinnegar*	2009/13	Grants
Ingrid Ahnesjö*	2008/12	Travel
Holly Shields	2009/13	Travel
Colin Bean	2010/14	Students
Colin E. Adams	2011/15	Travel
GUESTS OF COUNCIL		
John Craig	2010/2015	Journal Editor
Paul Hart	2005/	News Letter
Ian Mayer	2010/11	2012 Conf. convener
Felicity Huntingford	20/11/12	World fisheries Congress, Edinburgh
WEB CONTENT EDITOR		
Alan Pike	2010/	Web Content Editor
OVERSEAS REPRESENTATIVES OF COUNCIL		
Culum Brown	2010/	Internat. Rep. (Australia)
Victoria Braithwaite	2010/	Internat. Rep. (USA)

FSBI President's Piece

It is only three weeks ago today that I took over as President of the FSBI and so it is something of a challenge to come up with a coherent assemblage of words for this article. However, thanking Felicity Huntingford and Mike Kaiser for their recent tremendous work for the Society as President and Vice-President, respectively, is an obvious and pleasurable first step. I am equally delighted to begin work with the Society's new Vice-President Iain Barber and to note that for the first time in our history, both President and Vice-President hail from Hull, a city where fish are to be found embedded in the streets.

Having been an Assistant Editor with the *Journal of Fish Biology* from 1991 to 1998, on Council from 1992 to 1995, Treasurer from 1997 to 2005 and Treasurer to the next World Fisheries Congress from 2010 to the present, I think it fair to say that I came into office with a pretty good idea of what the Society does. However, the last three weeks have taught me that the Society now does so much more than it did as recently as the mid 2000s and I thank Felicity, Mike, Treasurer Gordon Copp and Secretary Brian Eddy for their invaluable and patient help in getting me up to speed. I also thank our new Publicity Officer Terry Langford for his enthusiastic and productive early efforts in raising the Society's profile in the world at large. Tomorrow I will meet with the *Journal of Fish Biology's* Editor-in-Chief John Craig, Managing Editor Hilary Craig and Wiley-Blackwell's Nigel Balmforth to discuss the journal's immediate and strategic future, the importance of which to the Society cannot be overestimated given that this is by far our most important source of funds. Finally, I would like to thank Maria Collares-Pereira for her excellent work during her term on Council and at the same time extend a warm welcome to Colin Adams.

For the immediate future, a substantial part of my attention will be focussed on the Society's contribution to the 6th World Fisheries Congress to be held in Edinburgh from 7 to 11 May 2012, for which we are providing not only major financial support but also a significant component of the Local Organising Committee in the form of current and recent Council

members and with Felicity and Mike playing key roles as Congress President and Congress Vice-President, respectively. This is a truly huge undertaking, with a panoramic scientific scope, and so I encourage you to visit the Congress's website (www.6thwfc2012.com) and make every effort to attend. We are unlikely to see its kind again in the U.K. for many, many years.

Of course, in the next few months and thereafter I will not neglect the core business activities of the Society such as its research grants, sponsorships, studentships, travel grants and the new internships, together with its newsletter and publicity activities. However, I am both encouraged and comforted by the knowledge that these important activities operate primarily through the hard work of other members of Council and the Society, for which I am extremely grateful. I am looking forward to the next 4 years!

Ian J. Winfield
Centre for Ecology & Hydrology, U.K.
10 August 2011



Dr Ian Winfield, the new President of the Society who will serve until 2015.

Professor I. G. Priede, winner of 2011 Beverton Medal

Professor Imants “Monty” Priede, Professor of Zoology at the University of Aberdeen, is the 2011 winner of the Beverton Medal in recognition of his ground-breaking research carried out over the past 40 years. Monty Priede is a gifted and innovative fish biologist, specialising in the behaviour and ecology of individual fish and the populations they comprise. His important contributions to fish biology have been numerous including seminal work in fish telemetry and in deep sea biology. He also stands apart from his peers in showing research leadership, with an ability to galvanise support for large, ‘big science’-type collaborations to tackle fundamental problems that not only include fish biology but encompass other disciplines including global change (HERMES), cosmology and environmental science (KM3NeT), for example. This last is described on the project’s website as ‘... an European deep-sea research infrastructure, [which] will host a neutrino telescope with a volume of at least one cubic kilometre at the bottom of the Mediterranean Sea that will open a new window on the Universe’. The devices deployed will also gather data on the deepsea environment.

Throughout his career Monty’s research has always been at the forefront, usually by developing new technologies not previously available and then using them in innovative ways to provide novel insights into the lives of fishes in their natural environment. The research is marked by its particular originality. For example, in the early 1970s Monty was one of the first to develop acoustic transmitters for telemetering heart rates of free-swimming fishes. Careful validation of the relationships between heart rate and

metabolic rate in teleosts enabled the first estimates of field metabolic rate over ecologically relevant periods of time, in addition to allowing tests of



Professor Monty Priede speaking at the Bournemouth Symposium after receiving the Beverton Medal

hypotheses about natural selection for energetic efficiency, which together helped to found the now well developed field of fish biotelemetry.

By the late 1970s Monty had also realised the potential of newly launched polar-orbiting satellites for tracking large fish in the open sea. Monty designed and built the world’s first Argos satellite transmitter for animals which he then attached to basking sharks; not only demonstrating the methodology but also providing the first glimpses of how pelagic fish use habitats such as tidal fronts. It should be realised that this was so ahead of its time that no other animal tags became commercially available for some years and it was Monty that transferred this technology to other fields, providing marine mammalogists with their first satellite tags to track sperm whales. By any measure Monty’s contribution was original and marks him out as a pioneer.

He did not stop there however, and by the 1980s and 90s Monty’s considerable technical and engineering expertise, as well as his

extensive knowledge of fish biology, had been levelled at deep sea fish. Although sampling of deep sea fish with nets had been well established for many decades, and researchers at Scripps, San Diego, USA, had measured *in situ* metabolic rates of fish at moderate depths using seabed lander technology, it was Monty Priede who made the first studies of deep sea fish movements and behaviour using acoustic hydrophones and video cameras attached to autonomous submersibles, designed and built in his laboratory to operate down to an incredible 6000m depth. So valuable and reliable has this technology become that it has been exported internationally for use in both science and in-

dustry, and it continues to define the field. Among the important science results to come from this period were the measurement of arrival times and directions of abyssal fish at baits that led to an understanding of their foraging strategy and distribution and the consumption rates of large foodfalls such as dead dolphins by different scavenging fish species that helped improve estimates of carbon flux in the deep sea.

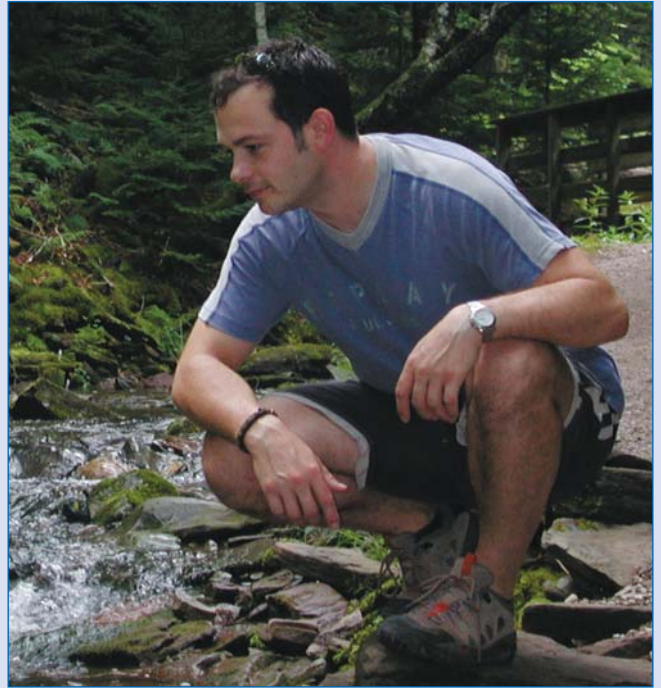
Monty’s most recent work also focuses on fundamental questions in fish biology that have, perhaps surprisingly, not been hitherto answered, such as how deep can fish go, and which species have successfully colonised the deep sea? His development of seabed landers operating 24-h video and stills cameras in the deepest hadal zones down to 11,000m is a supreme achievement and, for example, has enabled him to make unique observations of activity and feeding behaviour of hadal-endemic fish species – another world first.

David Sims

Ashley Ward, winner of the 2011 FSBI Medal

On finishing school Ashley started his working life as a financial adviser. He soon realised that this was not what he wanted to spend his life doing so he took some science A-levels and then started his university education in 1996 at the University of Leeds graduating in 1999 with a first class degree in Zoology. Ashley stayed at Leeds to work towards a PhD under the direction of Jens Krause, completing it in 2002. For the thesis, Ashley worked on shoal choice decisions in fish. Ashley then moved to Leicester where he worked as a post doctoral research assistant on a project looking at the role of familiarity and genetic relatedness in mediating competition between group living fish. When this project finished Ashley moved to the University of Sydney Australia where he had obtained a five year fellowship. Ashley is presently at the Leibniz Institute for Freshwater Research in Berlin.

Notwithstanding Ashley's late start as a researcher, he has produced an astonishing output both in terms of quantity and quality. His contributions broadly fall into two main categories. Much of his early work was on familiarity and social recognition in fish. Several fish species have been reported to prefer familiar fish with whom they had experiences in the past to unfamiliar ones. This has been a particularly important point regarding models of the evolution of reciprocal altruism between unrelated individuals in the context of predator inspection behaviour. However, work on familiarity preferences has been largely restricted to the laboratory and only involved interactions between conspecifics. Ashley made a number of substantial contributions to this field of research. He was able to show that familiarity preferences do occur in the wild providing the basis for complex social networks. Furthermore, he identified local habitat cues that facilitate the rapid (6 hrs) formation of social ties between fish, which is in contrast to previous work indicating that a 12-day period of direct social contact between fish was necessary for familiarity preferences to arise. Thus Ashley's work shifted the emphasis of familiarity from individual recognition to so-called cue-familiarity on the basis of habitat- or diet-based odours. Also, his work on anthropogenic pollutants showed that social recognition in fish can be disrupted by certain chemicals. Finally, he demonstrated that familiarity preferences can also occur between heterospecifics. The latter is important because multi-species groups



Ashley Ward in his natural habitat. Ashley was awarded the 2011 FSBI medal as one of the leaders of his generation

are not only common in fish (e.g. cyprinids) but also in birds and many ungulates.

Collective behaviour is a more recent addition to his research interests. This is where he has shown his greatest talent as an experimental biologist coming up with ingenious ways to investigate the decision-making processes of fish by means of motorised dummies that were the precursor for fully robotic fish. His work on collective behaviour in fish has provided the first evidence of quorum decision-making in vertebrates and shows how quorum responses can reduce the likelihood of amplifying non-adaptive following behaviour. In a second paper, he demonstrated how fish shoals make increasingly accurate decisions as a function of group size providing an important mechanism for consensus decision-making. In a third paper in this series Ashley he has shown that fish in shoals can make better AND faster decisions so that better decisions in groups do not necessarily come at the cost of slow decision-making. Taken together these three papers also greatly extend our knowledge of leadership and swarm intelligence.

In addition to the above two categories, Ashley also made important contributions to the study of fish personalities starting at a time when this topic was not yet fashionable. His 2004 paper on personalities was cited 23 times last year and is rapidly becoming a citation classic. Ashley has also written two popular science books on freshwater and marine fishes that have been very well received.

Jens Krause and Paul Hart

Notice



FSBI 2012 ANNUAL CONFERENCE **THE PHYSIOLOGY OF FISH BEHAVIOUR** University of East Anglia (UEA), Norwich, UK – 9-13 July, 2012

CONVENER

Ian Mayer (Norwegian School of Veterinary Science, Oslo)

ORGANISING COMMITTEE

Iain Barber (Leicester University), Victoria Braithwaite (Penn State University), Ulrika Candolin (University of Helsinki), Matt Gage (UEA), Erik Høglund (Technical University of Denmark), Hans Erik Karlsen (Oslo University), Ioanna Katsiadaki (CEFAS, UK), Göran Nilsson (Oslo University), Øyvind Øverli (Norwegian University of Life Sciences), Svante Winberg (Uppsala University)

THEME The aim of this conference is to bring together fish biologists from a broad range of backgrounds to advance our knowledge and understanding of the interactions between fish behaviour and physiology. The conference will identify the critical importance of behaviour-physiology interactions at all levels of organisation, from the molecular to the population level, and it will address how environmental perturbations such as climate change and anthropogenic impacts, including pollutants, can disrupt this defining relationship. We are interested in maximising interactions between fish biologists from all disciplines and backgrounds interested in the inter-relationship between fish behaviour and physiology. We hope this meeting will help foster new collaborations that further progress the development and advancement of this field of research. The following topics focusing on the integration of physiology and fish behaviour will be presented:

Hormones and Behaviour • Cognition, neural plasticity and neural control of behaviour • Disease/Parasites and Behaviour • Pollutants and Behaviour • Behaviour and climate change (global warming) • Behaviour in extreme environments (hypoxia, turbidity, salinity) • Communication and fish behaviour (i.e. pheromones, acoustic, electric) • Fish welfare (aquaculture, recreational angling and commercial fishing).

INVITED SPEAKERS

Jack Jones Memorial Lecture: Felicity Huntingford (Glasgow University)

Keynote speakers: Lars Ebbesson (University of

Bergen), Rui Oliveira (Lisbon, Portugal), David Righton (CEFAS, UK), Jenny Shaw (UCSC, USA), Kath Sloman (UWS, Scotland)

CALL FOR PAPERS Contributors of oral and poster presentations are welcomed. Abstracts (max. 250 words) must be submitted by email to the Conference Administrator, Tricia Ellis-Evans

(tricia@paceprojects.co.uk) by **30 November, 2011**. The scientific committee will review all submitted abstracts for relevance to conference themes and scientific merit and select papers for oral presentations. Poster contributors will be highlighted in the relevant session.

PUBLICATION All contributors will be invited to submit manuscripts (deadline **1 March, 2012**) for publication in a Special Issue of the Society's journal, the Journal of Fish Biology, in **January 2013**, subject to the normal peer-review process. The Guest Editor is Dr. Tom Pottinger (Centre for Ecology & Hydrology, UK)

VENUE The conference will be held at the University of East Anglia, Norwich. Norwich is a thriving market town whose ancient buildings and city wall remains make it the most complete medieval city in Britain. Norwich is steeped in history with over 1500 historic buildings including medieval churches, 2 cathedrals and a Norman castle. The cobblestone streets of Norwich are just as famous for its friendly bars and restaurants. Norwich is less than 2 hours to central London by train, has good connections to all London airports.

COSTS Registration includes entry to all symposium sessions, a copy of the abstract book, welcome reception and tea/coffee during the meeting. The registration fee will be £195 (£95 for students).

IMPORTANT DATES

Deadline for the submission of abstracts

30 November 2011

Deadline for the submission of manuscripts

1 March 2012

Deadline for submission of final revised manuscript

1 July 2012

Conference – **9-13 July 2012**

CONTACT DETAILS

Conference web site: www.fsbi.org.uk/2011

Abstract submission: www.paceprojects.co.uk/fsbi2011-abstract.htm

Conference administrator

Tricia Ellis-Evans, Pace Projects, 65 High Street, Toft, Cambridge CB23 2RL, UK

Email: tricia@paceprojects.co.uk • Tel: +44 (0)1223 263477 • Fax: +44 (0)1223 264663

TRAVEL GRANT REPORT

Amy Ellison, based at the Institute of Biological, Environmental & Rural Sciences

Aberystwyth University writes about her attendance at the 17th European Meeting of PhD Students in Evolutionary Biology (EMPSEB), which was held at the Glubenkian Institute of Science, Seia, Portugal and was her first conference as a PhD student. It was attended by over 80 postgraduate students with a wide range of research areas including those working in fish conservation, population genetics, sexual selection and host-parasite interactions. EMPSEB was a great opportunity to gain insights into current research across Europe in evolutionary biology. The conference was also attended by a small group of senior scientists. They not only gave fascinating and inspirational talks but also provided a wealth of feedback and advice to all students presenting. Amy felt that her presentation

on recently published work, "Best of both worlds? Association between outcrossing and parasite load in a selfing fish", was well received and generated many interesting questions and comments. This meeting has not only greatly enhanced her professional development but also helped to forge new links with other international groups working in evolution. She is hugely grateful to the FSBI for its generous support, which allowed her to attend this superb international conference.

(For more information about the conference series see <http://www.igc.gulbenkian.pt/empseb17/home/about/>)

August 2011

Fisheries Related Conferences

UK & IRELAND

18-20 October 2011

Institute of Fisheries Management Annual Conference – The rejuvenating role of urban fisheries in the Big Society

Oxford, UK • Website: <http://www.ifm.org.uk/events/>

13 December 2011

Atlantic Salmon Trust SALSEA conference - Ocean Silver the Atlantic salmon's ocean odyssey: implications for fishery managers

Fishmongers' Hall, London

Website: www.atlanticsalmontrust.org/oceansilver

19th April 2012

River Restoration Centre 13th Annual Network Conference – Delivering River Restoration: Recipes for Success

University of Nottingham, England

Website:

http://therrc.co.uk/2012%20Conference/1st_email_announcement_RRC_ANC_13.pdf

EUROPE

11-13 October 2011

NASCO & ICES international symposium on 'Salmon at Sea: Scientific Advances and their Implications for Management'

L'Aquarium, La Rochelle, France

Website: <http://www.nasco.int/sas/salmonsummit.htm>

18-21 October 2011

AQUACULTURE EUROPE 2011 "Mediterranean Aquaculture 2020"

Rhodes, Greece.

Website: <http://www.easonline.org/component/content/article/180>

11-13 June 2012

EIFAAC symposium 2012 in connection of 27th EIFAAC Session

Hämeenlinna Finland.

Contact: Petri.Heinimaa@rktl.fi

INFORMATION DESK

For all membership enquires (except subscription payments), including grant application submissions, please contact the FSBI office at:

FSBI, c/o Charity & Social Enterprise Unit, Brabners, Horton House, Exchange Flags, Liverpool L2 3YL, UK
Contact: Rosemary Taylor
Phone: +44 (0) 151 600 3285
Email Enquiries: grants@fsbi.org.uk

*In the UK and Europe subscription enquiries should be addressed to Membership Services (FSBI), Blackwell Publishing Ltd PO Box 1269, 9600 Garsington Road, Oxford OX4 2ZE United Kingdom
Tel: +44 (0)1865 778171
Fax: +44 (0)1865 471776
See <http://www.fsbi.org.uk/members.htm> for further information.*

Secretary:
Professor Brian Eddy
Faculty of Life Sciences,
Biological Science Institute,
University of Dundee, Dundee,
DD1 4HN, UK
Tel: +44 (0)1382 344292
Fax: +44 (0)1382 344275
E-mail: Secretary@fsbi.org.uk

www.fsbi.org.uk