



# ISBE Newsletter

Supplement to *Behavioral Ecology*  
[www.behavecol.com](http://www.behavecol.com)

## Welcome to the 30th vol of the ISBE Newsletter!

The very first newsletter editor was Donald Kramer, and I can recommend all members to read some of the first newsletters. They can be found in the Archive on [www.behavecol.com/newsletter](http://www.behavecol.com/newsletter). It's great to see the excitement for a new Society and a new Journal that shines through in those early issues.

## WANTED:

### Reviewers of the ISBE Congress in Minneapolis

Young scientists are encouraged to volunteer for this task. If interested, email the newsletter editor!

For inspiration, see earlier reviews in Vol 22:2, 24:2, 26:2 & 28:2 in the newsletter Archive on [www.behavecol.com/newsletter](http://www.behavecol.com/newsletter)

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## FROM THE NEWSLETTER EDITOR

The ground seems to be shifting under the feet of the peer review system. Fake journals, published by creationists and flat earthers may look like the real deal. Every week I get emails from journals I've never heard of. Furthermore, the demands for Open Access, and the ease with which digital documents are shared, have forced many journals to rethink their business model. The result is a wide spectrum of approaches to Open Access, from predatory journals that exploit research without any interest in science, to conservative journals that have decided to change nothing. The fact that authors are willing to pay cash for peer-review and publication has attracted many disingenuous players. Ultimately they can undermine the credibility of science.

Manuscripts should, of course, be judged on their scientific merits. I would like to think that most of us peer-reviewers ignore whether the publication cost of a paper will be paid by the author, the subscriber or an advertiser. But editors, not referees, have the final say, and it appears that some types of business models affect editorial decisions. While many know about predatory journals (where you simply pay to publish without real review) there are also more subtle cases.

I recently submitted a paper to a well known and fairly high ranked journal (outside the field of behavioural ecology). The two reviewers were largely positive, although they suggested several changes. So far, everything was normal. At this point I expected the editor to either accept the manuscript (after some revision), or to say that although the paper had its merits, there was no room in their journal. Both decisions would have been acceptable. But this is not what happened. The editor said the paper was rejected,

but I was offered - for a rather hefty fee - to publish it in their *sister journal*, a brand new, not yet ranked, online only, Open Access journal.

Now, this made me angry. The question we authors ask when we submit a manuscript is simple: Do you value this paper highly enough to publish it? One does not want to hear: "Yes, if you pay". Sure, I can see the logic from the perspective of the journal. Here is a paper, probably worthy of publication, although maybe not a future citation classic, and all the work with obtaining two thorough reviews has already been done. Why throw all that away, why not let this paper help boost the impact of the new Open Access journal? And bring in thousands of dollars to the journal's owner?

For me, it was like I had asked someone on a date, and got the answer: "Well, I don't like you that much, but I'm prepared to sit with you in the back of the restaurant, provided you pay for dinner, and also give me some money so that I can take someone out that I like better". We are in trouble if editorial decisions are contingent on whether authors pay. These new practices, from the somewhat shady to the outright fraudulent, are destructive for science itself, and threat to erode the public's faith in science.

There are, however, other ways for journals to finance Open Access. I personally think the system of our own journal, *Behavioral Ecology*, makes the most sense. Namely that the editorial decisions are based on the merits of the paper, while authors get an option to pay extra in order for readers to access the paper for free.

P. Andreas Svensson  
 ISBE Newsletter editor

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CONTRIBUTIONS TO THE NEWSLETTER

**Your contribution is important!**

The ISBE Newsletter publishes Book Reviews, Conference/Workshop Reviews, Job postings and other advertisements, as well as Commentary Articles of interest to the International Society for Behavioral Ecology. The ISBE Newsletter will only consider work that is not already published or intended to be submitted for publication elsewhere.

**Book Reviews:** Persons involved in the publishing of books who would like these to be considered for review in the Newsletter should contact the editor so that they can be added in the books-for-review list. Authors may submit a list of possible reviewers. Members who wish to review a particular book should contact the editor. The editor will provide reviewers with instructions. Reviews are typically 1500-2000 words. For a list of books currently available for review, see the end of this Newsletter.

**Workshop/Conference Reviews:** Workshop and/or Conference reviews can be prepared in one of the following formats: *Brief synopses* (max 1500 words) and *Longer reports* (max 3000 words). Graduate students and postdocs are strongly encouraged to consider contributing to writing these reports.

**Cartoons:** Cartoonists and other artists are encouraged to submit artwork, either in hardcopy, or as TIFF or high resolution (>300 dpi) gif or jpg files. All cartoons published in the Newsletter will be credited to the illustrator.

**Spotlight on young scientists:** Early career members (PhDs/ postdocs) are encouraged to participate in the section "Spotlight on"; please provide name, education, current address, research interests and selected papers in an email to the editor.

## FROM THE PRESIDENT

The 17th ISBE congress is rapidly approaching and I'm sure that everyone planning to attend the meeting in Minneapolis is looking forward to the stimulating and enjoyable week that the society meetings always provide. Many thanks to the local organizing committee, chaired by Marlene Zuk, for all their hard work behind the scenes in preparation for what promises to be another great conference, both scientifically and socially. Further information about the meeting can be found elsewhere in the newsletter.

This is the last newsletter before I step down as President and hand over to Andrew Cockburn at the Minneapolis congress. It has been a pleasure and an honour to have the opportunity to lead the society. I have been very fortunate in having the support of an excellent team of society officers and councillors over the past two years. In the last newsletter, I highlighted the outstanding leadership and commitment of Leigh Simmons as Editor-in-Chief of Behavioral Ecology, and I'm delighted that Leigh has recently decided to carry on as EiC of our journal. I'd also particularly like to thank Bob Wong, Trish

Schwagmeyer and Andreas Svensson in their roles of Secretary, Treasurer and Newsletter Editor, respectively. Finally, Nina Wedell has played an extremely supportive role as Past-President during my tenure.

Last but not least, I'd like to thank all our members who make ISBE such a vibrant society. For me, since my first meeting in Princeton in 1992 as a post-doc, ISBE conferences have offered significant scientific and social markers through my career. I find it particularly heartening to see the strong representation of PhD students and post-docs at our meetings and the society is rightly proud of its record of supporting attendance by delegates via travel awards. Information on how to apply for travel awards for early career researchers and delegates from developing nations can be found later in the newsletter.

See you in Minneapolis!

Ben Hatchwell  
ISBE President

## VOTE IN THE ISBE ELECTIONS 2018

### Only a few days remain!

The ISBE elections for a new president-elect and two new council members is being held from March 7-23 2018. All society members are invited to vote. Oxford University Press is coordinating an electronic voting system and all members should have been contacted directly via email around March 7. Short biographies of all the candidates are available online if you follow the link in the email. The election outcome will be announced at the 2018 ISBE Congress in Minneapolis.

We are hoping for a large participation in this election, since the ballot process is so simple. It is very important that the ISBE membership, which is spread throughout the world, plays an active role in how the society is run. We want the elected candidates to have a mandate from as much of the membership as possible.

Ben Hatchwell  
ISBE President

## NEXT ISBE CONGRESS



### **ISBE 2018, August 11-16, 2018 Minneapolis, Minnesota, USA**

On behalf of the organizing committee, we invite you to attend the 17th International Behavioral Ecology Congress (ISBE 2018). The meeting will be held at the Minneapolis Convention Center in Minneapolis, Minnesota, U.S.A., from 11-16 August, 2018. We will have an outstanding lineup of invited speakers from all over the world, as well as the usual contributed oral and poster sessions and, of course, the traditional soccer match. Our invited speakers include David Queller (Hamilton Lecture; Washington University), Rui Oliveira (IPSA-Instituto Universitário), Johanna Mappes (University of Jyväskylä), Karen Warkentin (Boston University), Regina Macedo (Universidade de Brasília), Gene Robinson (University of Illinois), and Simon Laughlin (University of Cambridge).

Minneapolis, and its nearby sister city of St. Paul, are vibrant cosmopolitan cities (the "Twin Cities") with much to offer, and the surrounding area has unmatched opportunities for outdoor activities ranging from canoeing to hiking and backpacking.

For more information, please visit the conference website at <https://z.umn.edu/isbe2018>

We look forward to seeing you in the Twin Cities in August 2018!

The Local Organizing Committee  
Marlene Zuk [chair]  
Dave Stephens  
Emilie Snell-Rood  
John Rotenberry  
Mark Bee

### **IMPORTANT DATES**

#### **March 31, 2018**

Talk Abstract Submission Closes  
Early Bird Registration Ends  
Travel Award Applications Due

#### **July 20, 2018**

Poster Abstract Submission Closes  
Online Registration Closes  
Reduced Conference Hotel Rates End

## TRAVEL AWARDS FOR ISBE CONGRESS 2018

Travel Awards for the ISBE congress in Minneapolis ISBE will once again offer travel awards to defray the expenses of attending our biennial conference.

There will be two types of awards: 1) Travel Awards, intended to help with transportation costs of Ph.D. students and post-docs (including recent Ph.D.s in temporary teaching positions); and 2) Developing Nations Awards, aimed at offsetting meeting attendance costs for students, post-docs or faculty whose home institutions are located in developing

nations. Individuals must be current members of the society and have registered to attend the meeting to be eligible for funding. The closing dates for award applications coincides with the meeting's early registration period (March 31). Awards will be distributed at the meeting as checks payable in US dollars.

Trish Schwagmeyer, ISBE Treasurer

## **ASAB Easter Meeting 2018**

April 4-6, 2018. The association for the Study of Animal Behaviour Easter meeting is organised by Dr Ben Brilot at University of Plymouth, UK.  
[www.asab.org/conferences](http://www.asab.org/conferences)

## **EHBEA conference 2018**

Apr 4-7, 2018. The 2018 European Human Behaviour and Evolution Association conference will be held at the University of Pécs, Hungary. <http://ehbea.com>

## **Measuring Behaviour 2018**

June 6-8 2018. The 11th international conference on Methods and Techniques on Behavioral research will be held in Manchester, UK. [www.measuringbehavior.org/](http://www.measuringbehavior.org/)

## **HBES conference**

July 4-7, 2018. The 30th annual Human Behavior and Evolution Society conference will be held in Amsterdam, Netherlands.  
[www.hbes.com/conference](http://www.hbes.com/conference)

## **Ichthyologist & Herpetologist meeting**

July 11-15, 2018. The 2018 Joint Meetings of Ichthyologists & Herpetologists will take place in Rochester, New York, USA.  
<http://conferences.k-state.edu/JMIH-Austin-2017/about/future-meetings>

## **ASSAB conference**

July 12-14, 2018. Australasian Society for the Study of Animal Behaviour Conference, Brisbane, Australia.  
[www.assab.org](http://www.assab.org)

## **ICN 2018**

July 15-20, 2018. The International Congress of Neuroethology will be held in Brisbane, Australia.  
<http://icn2018.com/>

## **ISAE 52nd International Congress**

July 30 - Aug 03, 2018. International Society for Applied Ethology meeting, Prince Edward Island, Canada. [www.applied-ethology.org/isae\\_meetings](http://www.applied-ethology.org/isae_meetings)

## **ABS 2018**

August 2-6, 2018 The Animal Behavior Society annual meeting will be held at the University of Wisconsin-Milwaukee, USA.  
[www.animalbehaviorsociety.org/2018/](http://www.animalbehaviorsociety.org/2018/)

## **IUSSI 2018**

August 5-10 2018, International Union for the Study of Social Insects, Guarujá, Brazil.  
<http://www.iussi2018com/>

## **ECBB 2018**

August 9-12 2018. The 9th European Conference on Behavioural Biology. Liverpool John Moores University, UK. [www.ljmu.ac.uk/conferences/ecbb](http://www.ljmu.ac.uk/conferences/ecbb)

## **ISBE 2018**

August 11-16, 2018. International Society for Behavioural Ecology conference in Minneapolis, Minnesota, USA. <https://z.umn.edu/isbe2018>  
 More information on page 3.

## **Evolution 2018**

August 19-22, 2018. The 2nd Joint Congress on Evolutionary Biology will be held in Montpellier, France. The following societies are jointly hosting: the European Society for Evolutionary Biology, the American Society of Naturalists, the Society for the Study of Evolution and the Society of Systematic Biologists. <http://evolutionmontpellier2018.org>

## **IHSE 2018**

September 3-7, 2018. The 2018 International Society for Human Ethology Congress will be held in Chile. <http://ishe.org/chile-2018>

## **Evolution 2019**

June 21-25, 2019. The 2019 Evolution meeting will be held in Providence, RI, USA.  
<http://www.evolutionmeetings.org>

## **Behaviour 2019**

August 2019, The 2019 joint meeting of ASAB and the International Ethological Meeting will be held in Chicago, USA. More information to be announced.

## **ESEB 2019**

August 19 - 24, 2019. The next European Society for Evolutionary Biology meeting will be held in Turku, Finland. <http://eseb2019.fi>

## **ISAE 53rd International Congress**

August 5-9, 2019. International Society for Applied Ethology meeting in Bergen, Norway.  
[http://www.applied-ethology.org/isae\\_meetings.html](http://www.applied-ethology.org/isae_meetings.html)

## **9th World Congress of Herpetology**

January 5 - 10, 2020. Dunedin New Zealand  
[www.apcc2017.com/wch2020](http://www.apcc2017.com/wch2020)

## REVIEWER ACKNOWLEDGEMENT

The quality of our journal Behavioral Ecology depends critically on the input we receive from our expert reviewers. The journal extends its gratitude to all those who have acted as reviewers in 2016. We extend a special acknowledgement to our top 20 reviewers listed below, and to our top three, Gert Stulp (University of Groningen), Andreas Modlmeier (Pennsylvania State University) and Kate Laskowski (Leibniz Institute of Freshwater Ecology & Inland Fisheries, Berlin) who each assessed the greatest number of manuscripts in 2017, providing prompt and high quality reviews for our Editors and authors. Gert, Andreas and Kate have been offered two books of their choice from Oxford University Press.

Professor Leigh W Simmons  
Editor-in-Chief, Behavioral Ecology



### Top 20 Reviewers in 2017

Gert Stulp

Kate Laskowsk

Andereas Modlmeier

Petri Niemela

John Endler

Matthew Austin

Nathan Bailey

Grant Brown

Bruno Buzatto

Josh Frith

Matteo Griggio

Edmund Hunt

Blake Jones

Ambika Kamata

Karla Rivera Caceres

David Shuker

Per Smiseth

Philip Taylor

Peter Trimmer

Isobel Booksmythe



## 2018 Goby meeting in Chioggia, Italy

Gobies, what are they? Well, they are a fish family that is extremely large (some argue the most speciose vertebrate family) and has species that live in almost any type of aquatic habitat. It is also a taxon that has attracted a lot of attention from behavioural ecologists over the last decades. They are small and easy to keep in aquaria, and they exhibit many interesting behaviours, such as exclusive paternal care of the eggs.

In the picturesque Italian town of Chioggia, sometimes called "little Venice", lies the marine laboratory of University of Padova, and this was the setting for the bi-annual "Goby meeting" 6-9 March 2018.

The three organisers Lisa Locatello, Mariella Razzotto and Carlotta Mazzoldi from the University of Padova arranged an excellent conference for a group of (mostly) European goby researchers.

These Goby meetings began as small get-togethers for mainly Nordic behavioural ecologists, but have since grown in both size and scientific scope. This year's meeting gathered 40 scientists from 13 countries and various scientific fields. The common denominator is the use of gobies as study organisms.

The meeting started with keynote address by Ass. Prof. Bob Wong (who you know as the secretary of ISBE). The talk outlined the scientific advances made over the last decade using the tough and charismatic Australian desert goby. This relatively new addition to the other goby model species, lives in the Australian Red Centre, can tolerate hypoxia, extreme salinity and has a suite of fascinating reproductive behaviours.

After the keynote followed many interesting talks on goby behaviour including very recent results from a



Desert goby female and male during courtship

project that has managed to track goby movements in the field.

The second day started off with a keynote address by Prof. Cameron Ghalambor from Colorado State University, USA. He actually favors another popular fish model: the Trinidadian guppy. The talk centered on the interplay between development, phenotypic plasticity and evolution. The question may be simple: "does phenotypic plasticity hinder or facilitate evolution?", but the answer is anything but. By careful experimentation he has gained important insights into the interplay between these two phenomena. The achievements of Ghalambor's lab was truly inspiring to all of us "gobiidiots". The day continued with a dozen talks that exemplified how this "goby network" has grown in scientific breadth: there were presentations from invasion biologists, fishery managers, ecologists and taxonomists.

The meeting ended with round table and group discussions. The delegates were also treated to an absolutely amazing Italian sea food feast, where the biggest challenge was to actually finish all the beautiful dishes. I can guarantee there was no lack of trying.

P. Andreas Svensson  
Linnaeus University, Sweden



Goby researchers outside the Palazzo Grassi in Chioggia, Italy.

## MASTERS PROJECT

### Masters project on video game player behavior at University of Quebec at Montreal

We are looking for students interested in pursuing a Masters project on the behavioural ecology of video game players under the supervision of Pierre-Olivier Montiglio and Clint Kelly at the Department of Biological Sciences, UQAM. The candidate would complete two internships with a video game company to assist with game design, analysis of data on player behaviour, and publish peer-reviewed scientific papers.

The masters project is a unique opportunity to gain good knowledge of behavioural ecology and to develop strong quantitative skills to analyse big datasets. It offers the opportunity to analyse how habitat structure (level design) can shape social interactions among players, how players specialise on different strategies, and how the structure of interactions among players determines their playing habits.

The project will prepare the candidate for a PhD or will potentially lead to an analyst/data scientist position outside of academia. Minimum stipend will be \$17500 per year for 2 years.

### The ideal candidate should have:

- Strong skills or interests in statistical analyses (Generalised linear mixed models, ordination methods, spatial analyses) and programming (R and Python).
- The ability to work independently and in teams composed of researchers at the University and members of the video game company.
- The ability to work in French and English. UQAM is a francophone research environment. Candidate without any working French skills must show strong interest in learning French.
- An interest in teaching. Masters students will be expected to take a minimum of one teaching assistantship per year to complete their stipend.

Interested? Send an example of your scientific writing (report from a past course in ecology, evolution, or behaviour, honours thesis, scientific paper), your CV, and a letter detailing a) your career plans, b) why you are interested in the project, and c) what skills you hope to develop during the masters by email to: [montiglio.pierre-olivier@uqam.ca](mailto:montiglio.pierre-olivier@uqam.ca).

Pierre-Olivier Montiglio  
Université du Québec à Montréal, Canada

## PhD POSITION

### Alternative mating strategies and sexual selection in tree weta

A PhD position is available under the supervision of Dr. Clint Kelly at Université du Québec à Montréal beginning September 2018.

We are seeking a keen and curious student to study the maintenance of alternative mating strategies in the Wellington tree weta (*Hemideina crassidens*). This is a large sexually dimorphic insect native to New Zealand. Male *H. crassidens* express one of three alternative phenotypes that are related to mating behaviour; the candidate will investigate the factors related to the maintenance of the different morphotypes in the wild. Research will involve laboratory work in Montreal as well as fieldwork in New Zealand; therefore, the ability to communicate in English is a must.

The bright and highly motivated student will ideally hold an M.Sc. or equivalent in a relevant topic (e.g. entomology, animal physiology).

Funding is available to students through a variety of sources, including teaching assistantships (French speakers only), and research funds; however, students are expected to apply for external graduate scholarships from the Natural Sciences and engineering research Council of Canada (NSERC)



and/or Fonds de recherche Nature et technologies (FRQNT).

The Kelly Lab is a member of the Groupe de recherche en écologie comportementale et animale (GRECA), which is a part of the large, research-active Département des Sciences Biologiques at UQAM (<https://bio.uqam.ca>). Université du Québec à Montréal is a French-language university in the heart of Montreal that welcomes non-French-speaking PhD graduate students.

If interested, please send a brief description of your research interests, academic transcripts and a CV to: [kelly.clint@uqam.ca](mailto:kelly.clint@uqam.ca).

Clint Kelly  
Université du Québec à Montréal, Canada  
[kellylab.weebly.com](http://kellylab.weebly.com)



## POST-DOC POSITION

### Postdoctoral researcher in behavioural ecology at the Department of Ecology and Genetics, University of Oulu

We are seeking a highly motivated candidate for two-year postdoctoral researcher position to study variation in female sexual signaling in glow worms. The project is financed by the Academy of Finland. In the common glow-worm (*Lampyrus noctiluca*, Lampyridae), wingless females glow to attract males which fly in search of females. It is exceptional that females (but not males) have sexual ornaments. Adult females do not eat thus they have limited energy for mate attraction and reproduction. Failure to attract a partner may cause a significant loss in fecundity, and females are expected to minimize these costs. Our major themes are variation in female sexual signaling and costs and benefits of female mate attraction. The post doc will study female glow and male vision in different populations and light environments, especially along latitudinal gradient. He/she will use already gathered data on the phenology of Finnish glow worms and gather new data to compare population differences across Europe together with other members of the team. We provide a new elegant device to measure female glow directly in the field.

Applicants must have a PhD degree in ecology, evolutionary biology, biophysics or related area. The following qualifications and experience are considered as an advantage: experience in scientific writing, statistical data analyses, mathematical modeling and field experiments. Preferably the candidate should have good skills in Finnish as the phenology data are



partly gathered with the help of general public, also driver's license is appreciated.

The start date of the position is latest 1st September, 2018, but rather the start could be the 1st June. That would allow field work in the coming summer.

The salary will be based on the levels 5 – 6 on the demand level chart for research staff of Finnish Universities. Starting salary is about 2904 euros/month and increases with experience. Health care is provided by the employer.

Apply online latest on Saturday, 31st March 2018. The application must be submitted using the electronic application form together with a motivation letter (max 1 page), full CV and contact information for at least 2 referees. A trial period of 4 months is applied in the position.

Professor Arja Kaitala, arja.kaitala@oulu.fi  
University of Oulu, Finland

## SPOTLIGHT ON...

### Name

Dibyendu Mandal

### Education

Final year PhD-student (Wildlife Sciences)

### Current address:

Wildlife Institute of India, Chandrabani, Dehradun, India 248001

### Email:

dibyendu86@gmail.com

### Research interests

Ecological determinants of carnivore group formation have always intrigued biologists. Comparing degrees of sociality within intermediately social species enhances our understanding of carnivore social evolution rather than studying a highly social species, because benefits in social species may be a consequence of grouping rather than the forces which initially favoured its evolution. I work on striped hyenas as a model species in the Indian semi-arid landscape. The striped hyena is a species of ecological and evolutionary significance due to their diverse sociality and wide distribution. Therefore I am trying to understand the influence of resource heterogeneity on their sociality in a comparative context within the framework of resource dispersion hypothesis.

### Popular Article

Mandal, D (2017). The Striped Babysitters. *Saevus*. 6, 28–29.

## **2018 FSBI Annual Symposium – The Sustainable Use and Exploitation of Fishes"** Monday 9th – Friday 13th July 2018.

The Symposium will encompass a broad range of scientific topics all of which fall under the umbrella of sustainable use of fishes. We encourage participation of both freshwater and marine researchers, and those working across the full range of topics from sustainable fishing techniques, population genetics, population dynamics, conservation targets and indicators, fish welfare and stress, international trade, ecosystem effects, innovative aquaculture technologies, traceability etc.

The symposium will be divided into the following four sub-themes:

1. Commercial fish and fisheries.
2. Recreational fish and fisheries.
3. Ornamental and aquarium fish and fisheries.
4. Fin-fish aquaculture.

We encourage contributions that examine basic fish biology, ecology, novel methods of data collection (including citizen science), experimental studies, modelling, genetics and genomics, and behavioural research.

### Venue

The symposium will be held on the University of East Anglia (UEA) campus in Norwich, within The Enterprise Centre (TEC), Britain's greenest building (<http://theenterprisecentre.uea.ac.uk/>)

Co-convenors: John K. Pinnegar and Martin Taylor

To be hosted by the Collaborative Centre for Sustainable Use of the Seas (CCSUS), which is a strategic alliance between the University of East Anglia (UEA) and the Centre for Environment, Fisheries & Aquaculture Science (Cefas).

### Keynote Speakers

JACK JONES MEMORIAL LECTURE

- Steven Cooke (Carleton University, Canada)

### PLENARY SPEAKERS

- David Agnew (Executive Secretary with the Commission for the Conservation of Antarctic Marine Living Resources (CCALMR))
- Selina Stead (Newcastle University, UK Government's Chief Scientific Advisor for the Marine Management Organisation)
- Hans Georg Evers (Germany, Ornamental fish expert)
- Heather Koldewey (Head of Marine and Freshwater Conservation Programmes, Zoological Society of London)

### Symposium Special Issue

We are planning to publish the Special Issue of the Journal of Fish Biology ideally towards the end of 2018, or perhaps in early 2019 and hope it will provide a great overview of the work presented at the symposium.

Georg Engelhard (Cefas) will be the co-ordinating Guest Editor, supported by Kieran Hyder (Cefas) and Audrey Geffen (University of Bergen).

The closing date for submission of papers will be the final day of the conference: 13th July 2018.

Abstract submission has closed (1st March 2018)

### Photographic Competition:

<http://www.fsbi.org.uk/conference-2018/photographic-competition/>

Registration & Booking website: Book now to get your 'early-bird discount' (until 30 April 2018)  
<https://store.uea.ac.uk/conferences-and-events/faculty-of-science/env/fsbi18-sustainable-use-and-exploitation-of-marine-and-freshwater-fish>

Escaping from predators:  
An Integrative View of Escape Decisions

Edited by: William E. Cooper & Daniel T. Blumstein

Cambridge University Press. 2015. 442 Pp. ISBN: 978-1107060548

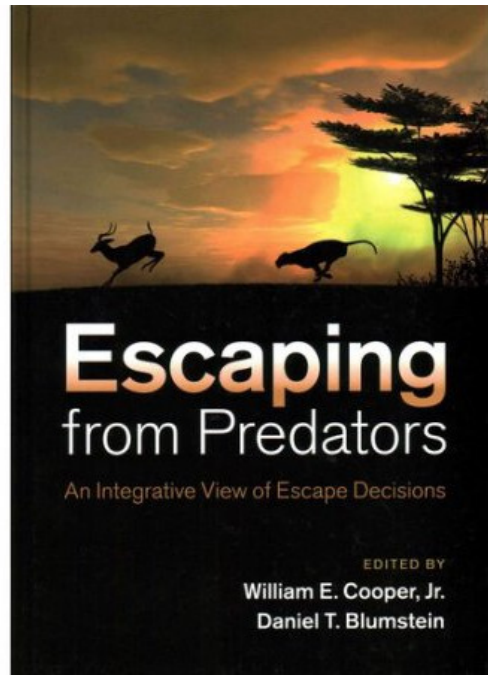
This book focuses on the behavior of animals escaping predators. While more narrowly focused than other books on the topic of antipredator behavior and ecology (Ruxton et al. 2004, Barbosa and Castellanon 2005, Caro 2005), this book still contains a rather broad range of scientific fields and study taxa. This book should rightly take its place on the shelf next to the aforementioned books for any researcher seriously interested in predator-prey interactions.

The heart of the book is contained in the first two chapters. The first chapter presents definitions of terms used throughout. Given that different terminology is sometimes used in the literature, this chapter should be a first stop reference for anyone publishing in the field. The second chapter presents a detailed overview of escape and refuge use theory, which in turn underlies the basis for most of the following chapters. While these two introductory chapters are not very attention grabbing compared to proceeding chapters, they are essential for understanding this field of study.

The next section of the book contains taxa specific chapters on mammals, birds, reptiles, fish and amphibians, and invertebrates. Most of these chapters succinctly summarize a large body of research, and provide meta-analyses to draw conclusions about what factors shape escape behaviors and variation in flight initiation distance (FID). The mammal and bird chapters were of the most interest to me and my research pursuits. The invertebrate chapter introduced a diversity of unusual escape behaviors not found in most vertebrate taxa, and may be the most novel and fun chapter in the book for many readers.

The following two chapter on escape trajectories and refuge use apply to many of the taxa studied in the book, and provide important points that need to be considered in this field. I thought the refuge chapter could have used more bird and mammal examples, as well as a better delineation between refuge use during/after a predator attack versus refuge use under background predation threat.

The vigilance *et al.* chapter is an excellent summation of the field, although the topic has been already been covered in more detail in other sources such as Caro (2005) and Beauchamp (2015). The following chapter on lizard escape behaviour neatly demonstrates the links between theory, ecology, morphology, and behavior. The chapter on sensory systems serves as a great summary of the



interesting and important work of Fernandez-Juricic and colleagues, and as such, is the best summation of visual morphology and predation avoidance to date.

The next three chapters focus on the physiology of escape, heritability of antipredatory behaviors, and behavioural syndromes in relation to escape behaviors. These three chapters provide the book with an evolutionary breadth lacking in other collections of predation and animal behaviour.

The penultimate chapter focuses on the methods used to study escape behaviour, and strongly recommends that studies be conducted and analysed in a manner in which they can be included in meta-analyses. I think this is an important point, and one that authors and reviewers need to keep in at the forefront of studies in the field. This is followed by a brief afterward where the editors summarize the field and make suggestions of what questions are in need of further investigation. In summary, *Escaping From Predators* is a well thought out collection of chapters that provides a comprehensive overview of animal escape behaviors.

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 Caro, T.M. 2005. Antipredator Defenses in Birds and Mammals. Chicago: University of Chicago Press.  
 Ruxton, G. D., Sherratt, T. N. & Speed, M. P. (2004). Avoiding attack: the evolutionary ecology of crypsis, warning signals and mimicry. Oxford University Press, Oxford.

## BOOKS FOR REVIEW

If you are interested in receiving *and* reviewing any of these books, or some other book suitable for this newsletter, please email the newsletter editor: andreas.svensson@lnu.se. Please include your postal address. The due date for review in the next edition of the Newsletter is Sep 30, 2018.

### Available from Oxford University Press

#### Book title

Sexual Selection: A Very Short Introduction (2018)  
Insect Behavior: From Mechanisms to Ecological and Evolutionary Conseq. (2018)  
Animal Locomotion, Second Edition (2018)  
The Spaces Between Us: A Story of Neuroscience, Evolution, and Human Nature  
Animal Behavior - Concepts, Methods, and Applications 2nd ed. (2017)  
Animal Behaviour: A Very Short Introduction (2017)  
Animal Vocal Communication: Assessment and Management Roles 2nd ed (2017)  
Biology and Conservation of Musteloids (2017)  
Bonobos - Unique in Mind, Brain, and Behavior (2017)  
Cultural Evolution - Conceptual Challenges (2017)  
Kalahari cheetahs - Adaptations to an arid region (2017)  
An Introduction to Primate Conservation (2016)  
Pandas and People (2016)  
Behavioral Ecology of the Eastern Red-backed Salamander (2016)  
Dog Behaviour, Evolution, and Cognition 2nd ed. (2016)  
Cheats and Deceits - How Animals and Plants Exploit and Mislead (2016)  
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Reptile Ecology and Conservation (2016)  
Charles Darwin's Life With Birds: His Complete Ornithology (2016)

#### by

Zuk & Simmons  
Córdoba-Aguilar et al  
Biewener & Sheila Patek  
Graziano  
Nordell & Valone  
Wyatt  
Morton  
Macdonald  
Hare & Yamamoto  
Lewens  
Mills & Mills  
Wich & Marshall  
Liu et al.  
Jaeger et al.  
Miklosi  
Stevens  
Deeming & Reynolds  
Dodd  
Frith

### Available from Cambridge University Press

#### Book title

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Behavioural Neuroscience (2018)  
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The Study of Behavior - Organization, Methods, and Principles (2017)  
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Beyond Sex Differences - Genes, Brains and Matrilineal Evolution (2017)  
Avian Cognition (2017)  
Animal Vocal Communication - Assessment and Management Roles 2nd ed.(2017)  
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Demography and Evolutionary Ecology of Hadza Hunter-Gatherers (2016)  
The Domestic Dog - Evolution, Behavior and Interactions with People, 2nd ed. (2016)

#### by

Bueno-Guerra & Amici  
Jamieson et al.  
Commins  
Hanlon & Messenger  
Hogan  
Monamy  
Keverne  
ten Cate & Healy  
Morton  
Weis & Sol  
Blurton Jones  
Serpell

### Available from Springer

Chemical Signals in Vertebrates 13 (2016), by Schulte et al.  
Evolution Driven by Organismal Behavior - A Unifying View of Life, Function, Form, Mismatches & Trends (2017), by Diogo

### Available from Chicago University Press

Zebra Stripes (2017), by Caro

### Available from Royal Society publishing

Adult sex ratios and reproductive strategies: a critical re-examination of sex differences in human and animal societies. (2017) Edited by: Schacht, Kramer, Székely & Kappeler