



## **Call for Papers**

Behavioral Ecology and  
Sociobiology

Special issue on '**Mathematical  
Models in Ecology and  
Evolution: Darwin 200**'

Guest editors: *James Marshall,  
John McNamara, Alasdair  
Houston*

In 2010 Springer will publish a special issue of Behavioral Ecology and Sociobiology, based on the 2009 conference on Mathematical Models in Ecology and Evolution. The conference and special issue both mark the bicentennial of Darwin's birth, and 150 years since the publication of *The Origin of Species*. The special issue will feature invited papers from the keynote speakers of MMEE 2009:

- Social evolution: progress and problems. *Rob Boyd, UCLA*
- Evolution of the two sexes. *Hanna Kokko, Helsinki*
- The origin of species by natural and sexual selection, *Franjo Weissing, Groningen*
- Mathematising Darwin, *Anthony Edwards, Cambridge*

We seek an additional 10 to 12 papers on the mathematical modelling of key topics in Darwinian theory, particularly:

- sexual selection
- evolution of social behaviour
- evolution of emotions
- evolution and adaptation
- speciation
- multi-level selection

Papers should be formatted according to BES specifications, and submitted via email ([james.marshall@bris.ac.uk](mailto:james.marshall@bris.ac.uk)) for initial consideration. Please feel free to discuss your proposed paper with the guest editors prior to submission.

<http://www.springer.com/life+sci/behavioural/journal/265>

**Submission deadline: January 10<sup>th</sup> 2010**