

Outstanding Titles *in* Animal Biosciences *from* Cambridge University Press

NEW!

Animal Communication Theory Information and Influence

Edited by Ulrich E. Stegmann

An exploration of key concepts in the study of animal communication, covering case studies as well as more theoretical issues.

\$99.00: Hb: 978-1-107-01310-0: 468 pp.

Animal Contests

Edited by Ian C. W. Hardy and Mark Briffa

Covers contest behavior in detail from theoretical and empirical perspectives and across a wide range of species.

\$75.00: Hb: 978-0-521-88710-6: 379 pp.

Play, Playfulness, Creativity and Innovation

Patrick Bateson and Paul Martin

Examines the role of playfulness in animal and human development, highlighting its links to creativity and, in turn, to innovation.

\$85.00: Hb: 978-1-107-01513-5: 176 pp.

\$34.99: Pb: 978-1-107-68934-3

The Balance of Nature and Human Impact

Edited by Klaus Rohde

Explores equilibrium and non-equilibrium in undisturbed and disturbed ecological systems, examining how human activities affect the balance/imbalance of nature.

\$99.00: Hb: 978-1-107-01961-4: 426 pp.

Prices subject to change.

Tool Use in Animals

Cognition and Ecology

Edited by Crickette Sanz, Josep Call, and Christophe Boesch

Presentation of groundbreaking research on an extensive range of tool using animals, looking particularly at the evolution of cognitive abilities.

\$110.00: Hb: 978-1-107-01119-9: 322 pp.

Mating Males

An Evolutionary Perspective on Mammalian Reproduction

Tim Glover

\$110.00: Hb: 978-1-107-00001-8: 220 pp.

\$44.99: Pb: 978-0-521-15957-9

Restoration and Reclamation of Boreal Ecosystems

Attaining Sustainable Development

Edited by Dale Vitt and Jagtar Bhatti

\$110.00: Hb: 978-1-107-01571-5: 432 pp.

The Boreal Owl

Ecology, Behaviour and Conservation of a Forest-Dwelling Predator

Erkki Korpimäki and Harri Hakkarainen

\$95.00: Hb: 978-0-521-11371-7: 372 pp.

The Ethics of Species

An Introduction

Ronald L. Sandler

Cambridge Applied Ethics

\$85.00: Hb: 978-1-107-02346-8: 245 pp.

\$29.99: Pb: 978-1-107-65870-7

Trait-Mediated Indirect Interactions

Ecological and Evolutionary Perspectives

Edited by Takayuki Ohgushi, Oswald Schmitz and Robert D. Holt

Ecological Reviews

\$115.00: Hb: 978-1-107-00183-1: 571 pp.

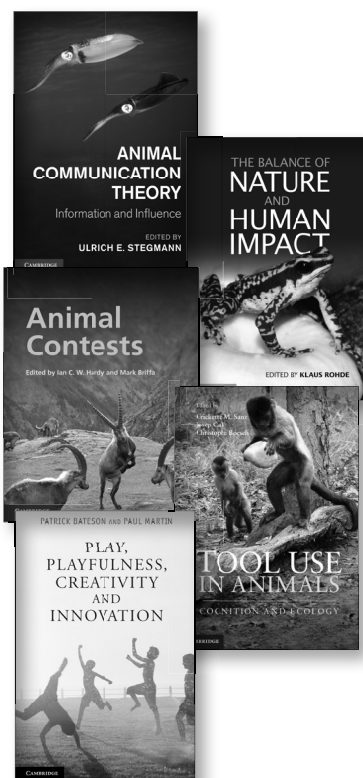
\$65.00: Pb: 978-0-521-17313-1

Wild Cultures

A Comparison between Chimpanzee and Human Cultures

Christophe Boesch

\$95.00: Hb: 978-1-107-02537-0: 288 pp.



Dinosaurs

A Concise Natural History
Second Edition

David E. Fastovsky and David B. Weishampel

\$180.00: Hb: 978-1-107-01079-6: 425 pp.

\$72.00: Pb: 978-0-521-28237-6

www.cambridge.org/us/lifesciences

800.872.7423

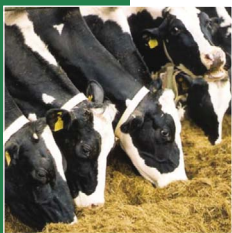
 @CambUP_lifesci



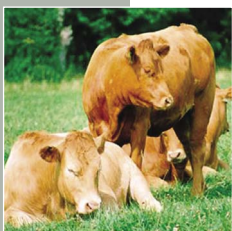
CAMBRIDGE
UNIVERSITY PRESS

Optimising Production Efficiencies, Lowering Environmental Impact

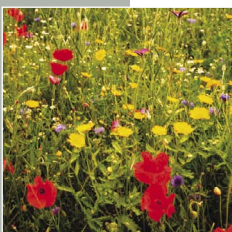
These proceedings contain papers presented at the 6th Dairy Solutions Symposium, 2012 held jointly between Alltech and University College, Dublin.



Dairy Solutions Symposium is a biennial event that brings together leading dairy industry experts, academics and nutritionists to deliver the latest knowledge and research on key issues facing the dairy industry. In 2012, the theme was “Optimising production efficiencies, lowering environmental impact” and addressed many of the challenges that face world dairy production systems as they strive to meet the demands of feeding nine billion people in the coming years. Contributions cover topics such as an overview of the environmental impact of dairy systems and environmental regulations that must be met, as well as how to reduce green house gas emissions by looking at animal breeding, diet formulation, dietary additions and alteration of gut microflora. Additionally, these environmental criteria have to be met alongside maintaining optimum animal health and welfare; failure to attain this will result in significant production losses and increased costs of production. The overall message from the Symposium appeared clear: sustainability is the key to safeguarding the future and it needs to start now.



For more information, please visit www.dairy cowsolutions.com or contact dairy cowsolutions@alltech.com



**Alltech**[®]
...naturally

