

ECOLOGY

LETTERS

Volume 18 Number 2 | February 2015



Cover Caption: Leafy seadragons live within southern kelp forests of Australia
Photo credit: Jeffery Jeffords (Copyright purchased by The University of Adelaide, signed by Sean Connell.)
From: Sean D. Connell, p. 182

WILEY
Blackwell



ISSN 1461-023X www.ecologyletters.com

February 2015

Volume 18, Issue 2

Pages i–ii, 119–220

Issue Information

Issue Information (pages i–ii)

Idea and Perspective

The biodiversity-dependent ecosystem service debt (pages 119–134)

Forest Isbell, David Tilman, Stephen Polasky and Michel Loreau

Letters

Bees use honest floral signals as indicators of reward when visiting flowers (pages 135–143)

A. C. Knauer and F. P. Schiestl

A simple stochastic model for complex coextinctions in mutualistic networks: robustness decreases with connectance (pages 144–152)

Marcos Costa Vieira and Mário Almeida-Neto

A new dynamic null model for phylogenetic community structure (pages 153–163)

Alex L. Pigot and Rampal S. Etienne

Bears benefit plants via a cascade with both antagonistic and mutualistic interactions (pages 164–173)

Joshua B. Grinath, Brian D. Inouye and Nora Underwood

Deconstructing environmental predictability: seasonality, environmental colour and the biogeography of marine life histories (pages 174–181)

Dustin J. Marshall and Scott C. Burgess

Trophic compensation reinforces resistance: herbivory absorbs the increasing effects of multiple disturbances (pages 182–187)

Giulia Ghedini, Bayden D. Russell and Sean D. Connell

Reviews and Syntheses

The role of global trade and transport network topology in the human-mediated dispersal of alien species (pages 188–199)

Natalie Clare Banks, Dean Ronald Paini, Kirsty Louise Bayliss and Michael Hodda

Islands as model systems in ecology and evolution: prospects fifty years after MacArthur-Wilson (pages 200–217)

Ben H. Warren, Daniel Simberloff, Robert E. Ricklefs, Robin Aguilée, Fabien L. Condamine, Dominique Gravel, Hélène Morlon, Nicolas Mouquet, James Rosindell, Juliane Casquet, Elena Conti, Josselin Cornuault, José María Fernández-Palacios, Tomislav Hengl, Sietze J. Norder, Kenneth F. Rijssdijk, Isabel Sanmartín, Dominique Strasberg, Kostas A. Triantis, Luis M. Valente, Robert J. Whittaker, Rosemary G. Gillespie, Brent C. Emerson and Christophe Thébaud

Corrigendum

Corrigendum to Wagner et al.: Natural soil microbes alter flowering phenology and the intensity of selection on flowering time in a wild *Arabidopsis* relative (pages 218–220)

Maggie R. Wagner, Derek S. Lundberg, Devin Coleman-Derr, Susannah Green Tringe, Jeffery L. Dangl and Thomas Mitchell-Olds

This article corrects:

Natural soil microbes alter flowering phenology and the intensity of selection on flowering time in a wild *Arabidopsis* relative

Vol. 17, Issue 6, 717–726, Article first published online: 4 APR 2014