

ECOLOGY LETTERS

Volume 18 Number 8 | August 2015



Cover Caption: Diversity of ectomycorrhizal fungi associated with dipterocarps at Lambir Hills National Park, Sarawak, Malaysia

Photo credit: Kabir G. Peay

From: Kabir G. Peay, p. 807

WILEY
Blackwell



ISSN 1461-023X www.ecologyletters.com

ECOLOGY LETTERS

August 2015

Volume 18, Issue 8

Pages i–ii, 737–881

Issue Information (pages i–ii)

Article first published online: 14 JUL 2015 | DOI: 10.1111/ele.12365

Idea and Perspective

Functional traits, convergent evolution, and periodic tables of niches (pages 737–751)

Kirk O. Winemiller, Daniel B. Fitzgerald, Luke M. Bower and Eric R. Pianka

Article first published online: 21 JUN 2015 | DOI: 10.1111/ele.12462

Letters

Indirect interactions among tropical tree species through shared rodent seed predators: a novel mechanism of tree species coexistence (pages 752–760)

Carol X. Garzon-Lopez, Liliانا Ballesteros-Mejia, Alejandro Ordoñez, Stephanie A. Bohlman, Han Olf and Patrick A. Jansen

Article first published online: 4 MAY 2015 | DOI: 10.1111/ele.12452

Crop rotational diversity enhances belowground communities and functions in an agroecosystem (pages 761–771)

L. K. Tiemann, A. S. Grandy, E. E. Atkinson, E. Marin-Spiotta and M. D. McDaniel

Article first published online: 25 MAY 2015 | DOI: 10.1111/ele.12453

Are molecular markers useful predictors of adaptive potential? (pages 772–778)

Elizabeth A. Mittell, Shinichi Nakagawa and Jarrod D. Hadfield

Article first published online: 18 MAY 2015 | DOI: 10.1111/ele.12454

Spatial structure, host heterogeneity and parasite virulence: implications for vaccine-driven evolution (pages 779–789)

Yazmín Hananí Zurita-Gutiérrez and Sébastien Lion

Article first published online: 4 JUN 2015 | DOI: 10.1111/ele.12455

Intransitive competition is widespread in plant communities and maintains their species richness (pages 790–798)

Santiago Soliveres, Fernando T. Maestre, Werner Ulrich, Peter Manning, Steffen Boch, Matthew A. Bowker, Daniel Prati, Manuel Delgado-Baquerizo, José L. Quero, Ingo Schöning, Antonio Gallardo, Wolfgang Weisser, Jörg Müller, Stephanie A. Socher, Miguel García-Gómez, Victoria Ochoa, Ernst-Detlef Schulze, Markus Fischer and Eric Allan

Article first published online: 1 JUN 2015 | DOI: 10.1111/ele.12456

To follow or not? How animals in fusion–fission societies handle conflicting information during group decision-making (pages 799–806)

Jerod A. Merkle, Marie Sigaud and Daniel Fortin

Article first published online: 25 MAY 2015 | DOI: 10.1111/ele.12457

Lack of host specificity leads to independent assortment of dipterocarps and ectomycorrhizal fungi across a soil fertility gradient (pages 807–816)

Kabir G. Peay, Sabrina E. Russo, Krista L. McGuire, Zhenyu Lim, Ju Ping Chan, Sylvester Tan and Stuart J. Davies

Article first published online: 2 JUN 2015 | DOI: 10.1111/ele.12459

Experimental evidence of genome-wide impact of ecological selection during early stages of speciation-with-gene-flow (pages 817–825)

Scott P. Egan, Gregory J. Ragland, Lauren Assour, Thomas H.Q. Powell, Glen R. Hood, Scott Emrich, Patrik Nosil and Jeffrey L. Feder

Article first published online: 15 JUN 2015 | DOI: 10.1111/ele.12460

Colonisation rate and adaptive foraging control the emergence of trophic cascades(pages 826–833)

Ashkaan K. Fahimipour and Kurt E. Anderson

Article first published online: 21 JUN 2015 | DOI: 10.1111/ele.12464

Land use intensification alters ecosystem multifunctionality via loss of biodiversity and changes to functional composition (pages 834–843)

Eric Allan, Pete Manning, Fabian Alt, Julia Binkenstein, Stefan Blaser, Nico Blüthgen, Stefan Böhm, Fabrice Grassein, Norbert Hölzel, Valentin H. Klaus, Till Kleinebecker, E. Kathryn Morris, Yvonne Oelmann, Daniel Prati, Swen C. Renner, Matthias C. Rillig, Martin Schaefer, Michael Schloter, Barbara Schmitt, Ingo Schöning, Marion Schruppf, Emily Solly, Elisabeth Sorkau, Juliane Steckel, Ingolf Steffen-Dewenter, Barbara Stempfhuber, Marco Tschapka, Christiane N. Weiner, Wolfgang W. Weisser, Michael Werner, Catrin Westphal, Wolfgang Wilcke and Markus Fischer

Article first published online: 22 JUN 2015 | DOI: 10.1111/ele.12469

Equilibrium and non-equilibrium dynamics simultaneously operate in the Galápagos islands (pages 844–852)

Luis M. Valente, Albert B. Phillimore and Rampal S. Etienne

Article first published online: 23 JUN 2015 | DOI: 10.1111/ele.12461

Refugia and connectivity sustain amphibian metapopulations afflicted by disease(pages 853–863)

Geoffrey W. Heard, Chris D. Thomas, Jenny A. Hodgson, Michael P. Scroggie, David S. L. Ramsey and Nick Clemann

Article first published online: 25 JUN 2015 | DOI: 10.1111/ele.12463

Review and Synthesis

Metacommunity speciation models and their implications for diversification theory(pages 864–881)

Nicolas Hubert, Vincent Calcagno, Rampal S. Etienne and Nicolas Mouquet

Article first published online: 2 JUN 2015 | DOI: 10.1111/ele.12458