

Literatur

Annual Review of Ecology, Evolution, and Systematics,

Vol. 45, 2014. Eds.: Douglas J. FUTUYMA, H. Bradley SHAFFER, Daniel SIMBERLOFF. Palo Alto, California, USA, Annual Reviews, 665 S., ISBN 978-0-8243-1445-3, ISSN 1543-592X.

“Prescriptive Evolution to Conserve and Manage Biodiversity”, mit diesem Beitrag von Thomas B. SMITH, Michael T. KINNISON, Sharon Y. STRAUSS, Trevon L. FULLER, Scott P. CARROLL beginnt der Band 45 des “Annual Review of Ecology, Evolution, and Systematics”.

Weitere Übersichtsartikel schließen sich an:

The Phylogeny and Evolution of Ants (Philip S. WARD); What Are Species Pools and When Are They Important? (Howard V. CORNELL, Susan P. HARRISON); Biogeomorphic Impacts of Invasive Species (Songlin FEI, Jonathan PHILLIPS, Michael SHOUSE); Mutualistic Interactions and Biological Invasions (Anna TRAVESSET, David M. RICHARDSON); The Evolution of Animal Domestication (Greger LARSON, Dorian Q. FULLER); Complex Ecological Interactions in the Coffee Agroecosystem (Ivette PERFECTO, John VANDERMEER, Stacy M. PHILPOTT); Reversible Trait Loss: The Genetic Architecture of Female Ornaments (Ken KAAJVELD); The Utility of Fisher's Geometric Model in Evolutionary Genetics (O. TENAILLON); The Molecular Basis of Phenotypic Convergence (Erica Bree ROSENBLUM, Christine E. PARENT, Erin E. BRANDT); Advances in the Study of Coevolution Between Avian Brood Parasites and Their Hosts (William E. FEENEY, Justin A. WELBERGEN, Naomi E. LANGMORE); Ecological Restoration of Streams and Rivers: Shifting Strategies and Shifting Goals (Margaret A. PALMER, Kelly L. HONDULA, Benjamin J. KOCH); Warmer Shorter Winters Disrupt Arctic Terrestrial Ecosystems (Elisabeth J. COOPER); Unifying Species Diversity, Phylogenetic Diversity, Functional Diversity, and Related Similarity and Differentiation Measures Through Hill Numbers (Anne CHAO, Chun-Huo CHIU, Lou JOST); Trophic Cascades in a Multicausal World: Isle Royale and Yellowstone (Rolf O. PETERSON, John A. VUCETICH, Joseph M. BUMP, Douglas W. SMITH); Origins of Plant Diversity in the Cali-

fornia Floristic Province (Bruce G. BALDWIN); Animal Phylogeny and Its Evolutionary Implications (Casey W. DUNN, Gonzalo GIRIBET, Gregory D. EDGEcombe, Andreas HEJNOL); A Multiscale, Hierarchical Model of Pulse Dynamics in Arid-Land Ecosystems (S.L. COLLINS, J. BELNAP, N.B. GRIMM, J.A. RUDGERS, C.N. DAHM, P. D'ODORICO, M. LITVAK, D.O. NATVIG, D.C. PETERS, W.T. POCKMAN, R.L. SINSABAUGH, B.O. WOLF); Population Biology of Aging in the Wild (Deborah A. ROACH, James R. CAREY); Gecko Adhesion as a Model System for Integrative Biology, Interdisciplinary Science, and Bioinspired Engineering (Kellar AUTUMN, Peter H. NIEWIAROWSKI, Jonathan B. PUTHOFF); Biodiversity and Ecosystem Functioning (David TILMAN, Forest ISBELL, Jane M. COWLES); On the Nature and Evolutionary Impact of Phenotypic Robustness Mechanisms (Mark L. SIEGAL, Jun-Yi LEU); Ecology and Evolution of the African Great Lakes and Their Faunas (Walter SALZBURGER, Bert VAN BOCKLAER, Andrew S. COHEN); Biome Shifts and Niche Evolution in Plants (Michael J. DONOGHUE, Erika J. EDWARDS); Using Ancient DNA to Understand Evolutionary and Ecological Processes (Ludovic ORLANDO, Alan COOPER); Resolving Conflicts During the Evolutionary Transition to Multicellular Life (Paul B. RAINEY, Silvia DE MONTE); Speciation in Freshwater Fishes (Ole SEEHAUSEN, Catherine E. WAGNER).

Im Anschluss an die Artikel wird auf fachlich verwandte Beiträge in anderen “Annual Reviews” verwiesen, beispielsweise im Annual Review of Animal Biosciences, Vol. 2, 2014; Annual Review of Earth and Planetary Sciences, Vol. 42, 2014; Annual Review of Entomology, Vol. 59, 2014; Annual Review of Environment and Resources, Vol. 39, 2014; Annual Review of Genetics, Vol. 48, 2014; Annual Review of Genomics and Human Genetics, Vol. 15, 2014; Annual Review of Marine Science, Vol. 6, 2014; Annual Review of Microbiology, Vol. 68, 2014; Annual Review of Plant Biology, Vol. 65, 2014.

Ebenso wie die vorher erschienenen Bände des Annual Review of Ecology, Evolution, and Systematics wird Band 45 durch ein kumulierendes Autorenregister und ein kumulierendes Titelverzeichnis für die Bände 41 bis 45 ergänzt. Außerdem sind die Abstracts der Artikel des Bandes 45 online unter <http://ecolsys.annualreviews.org> verfügbar.

Sabine REDLHAMMER (JKI Braunschweig)

Datum/Ort

Thema

Veranstalter/Kontakt

15. – 17.05.2015,
Lutherstadt
Wittenberg

Horizontal DNA transfer spurring
evolution

<http://dna-transfer2015.jki.bund.de/>
Konferenz im Rahmen der
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17. – 21.05.2015,
Wernigerode

3rd International Symposium on
the Environmental Dimension of
Antibiotic Resistance (EDAR-3)

<http://www.antibiotic-resistance.de/>
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