

Systematic Biology

Volume 65, Number 4 July 2016

CONTENTS



Scan to view this journal
on your mobile device

REGULAR ARTICLES

Two Influential Primate Classifications Logically Aligned <i>Nico M. Franz, Naomi M. Pier, Deeanne M. Reeder, Mingmin Chen, Shizhuo Yu, Parisa Kianmajd, Shawn Bowers, and Bertram Ludäscher</i>	561
Detecting Hidden Diversification Shifts in Models of Trait-Dependent Speciation and Extinction <i>Jeremy M. Beaulieu and Brian C. O'Meara</i>	583
Modeling Character Change Heterogeneity in Phylogenetic Analyses of Morphology through the Use of Priors <i>April M. Wright, Graeme T. Lloyd, and David M. Hillis</i>	602
Analysis of a Rapid Evolutionary Radiation Using Ultraconserved Elements: Evidence for a Bias in Some Multispecies Coalescent Methods <i>Kelly A. Meiklejohn, Brant C. Faircloth, Travis C. Glenn, Rebecca T. Kimball, and Edward L. Braun</i>	612
Does Gene Tree Discordance Explain the Mismatch between Macroevolutionary Models and Empirical Patterns of Tree Shape and Branching Times? <i>Tanja Stadler, James H. Dugan, and Noah A. Rosenberg</i>	628
Comparison of Target-Capture and Restriction-Site Associated DNA Sequencing for Phylogenomics: A Test in Cardinalid Tanagers (Aves, Genus: <i>Piranga</i>) <i>Joseph D. Manthey, Luke C. Campillo, Kevin J. Burns, and Robert G. Moyle</i>	640
Inferring Bounded Evolution in Phenotypic Characters from Phylogenetic Comparative Data <i>Florian C. Boucher and Vincent Démery</i>	651
Distinct Processes Drive Diversification in Different Clades of Gesneriaceae <i>Eric H. Roalson and Wade R. Roberts</i>	662
The Species versus Subspecies Conundrum: Quantitative Delimitation from Integrating Multiple Data Types within a Single Bayesian Approach in Hercules Beetles <i>Jen-Pan Huang and L. Lacey Knowles</i>	685
Estimating the Effect of Competition on Trait Evolution Using Maximum Likelihood Inference <i>Jonathan Drury, Julien Clavel, Marc Manceau, and Hélène Morlon</i>	700
Gene Tree Discordance Causes Apparent Substitution Rate Variation <i>Fábio K. Mendes and Matthew W. Hahn</i>	711

BOOK REVIEWS

The Biology and Identification of the Coccidia (Apicomplexa) of Marsupials of the World <i>David A. Morrison</i>	722
Origins of Biogeography: The Role of Biological Classification in Early Plant and Animal Geography <i>H. Peter Linder</i>	724

SOFTWARE FOR SYSTEMATICS AND EVOLUTION

RevBayes: Bayesian Phylogenetic Inference Using Graphical Models and an Interactive Model-Specification Language <i>Sebastian Höhna, Michael J. Landis, Tracy A. Heath, Bastien Boussau, Nicolas Lartillot, Brian R. Moore, John P. Huelsenbeck and Fredrik Ronquist</i>	726
---	-----

Cover Illustration: Floral diversity of Gesneriaceae (African violets, gesneriads) overlaid with the current phylogenetic hypothesis of relationships in the family. Species (left to right, top to bottom) are *Cyrtandra samoensis*, *Chrysanthemis pulchella*, *Alsobia dianthiflora*, *Drymonia ecuadorensis*, *Columnea* sp. 'Cordillera del Condor', *Sinningia bulbosa*, *Rhytidophyllum exsertum*, *Aeschynanthus parvifolius*, *Achimenes antirrhina*, *Kohleria* sp. 'Dark Velvet', *Nematanthus fissus*, *Achimenes misera*, *Microchirita* sp., *Gesneria ventricosa*, and *Aeschynanthus guttatus*. All photos by Wade R. Roberts.