

VOLUME 68, NUMBER 6, JUNE 2014

MU
E95/i

EVOLUTION

INTERNATIONAL JOURNAL OF ORGANIC EVOLUTION



Published by the Society
for the Study of Evolution



EVOLUTION

PERSPECTIVE

How Common is Homoploid Hybrid Speciation?

MOLLY SCHUMER, GIL G. ROSENTHAL, AND PETER ANDOLFATTO

1553-1560

ORIGINAL ARTICLES

Pollinator Specificity Drives Strong Prepollination Reproductive Isolation in Sympatric Sexually Deceptive Orchids

MICHAEL R. WHITEHEAD AND ROD PEAKALL

1561-1575

Host Switching Promotes Diversity in Host-Specialized Mycoparasitic Fungi: Uncoupled Evolution in the *Biatoropsis-usnea* System

ANA M. MILLANES, CAMILLE TRUONG, MARTIN WESTBERG, PAUL DIEDERICH, AND MATS WEDIN

1576-1593

How Specificity and Epidemiology Drive the Coevolution of Static Trait Diversity in Hosts and Parasites

MIKE BOOTS, ANDY WHITE, ALEX BEST, AND ROGER BOWERS

1594-1606

Experimental Evolution of Parasitoid Infectivity on Symbiont-Protected Hosts Leads to the Emergence of Genotype Specificity

ROMAIN ROUCHET AND CHRISTOPH VORBURGER

1607-1616

On the Evolution of Migration in Heterogeneous Environments

FRANÇOIS BLANQUART AND SYLVAIN GANDON

1617-1628

A Multivariate Analysis of Genetic Variation in the Advertisement Call of the Gray Treefrog, *Hyla versicolor*

ALLISON M. WELCH, MICHAEL J. SMITH, AND H. CARL GERHARDT

1629-1639

Optimal Investment in Social Signals

JEAN-LOUIS DESSALLES

1640-1650

Sexual Conflict and Interacting Phenotypes: A Quantitative Genetic Analysis of Fecundity and Copula Duration in *Drosophila melanogaster*

DOMINIC A. EDWARD, JOCELYN POISSANT, ALASTAIR J. WILSON, AND TRACEY CHAPMAN

1651-1660

Mate Preference for a Phenotypically Plastic Trait is Learned, and May Facilitate Preference-Phenotype Matching

ERICA L. WESTERMAN, NAPON CHIRATHIVAT, ELIZABETH SCHYLING, AND ANTÓNIA MONTEIRO

1661-1670

Correlated Evolution of Sexual Dimorphism and Male Dimorphism in a Clade of Neotropical Harvestmen

BRUNO A. BUZZATTO, JOSEPH L. TOMKINS, LEIGH W. SIMMONS, AND GLAUCO MACHADO

1671-1686

The Evolutionary Stability of Cross-Sex, Cross-Trait Genetic Covariances

THOMAS P. GOSDEN AND STEPHEN F. CHENOWETH

1687-1697

The Costs and Benefits of Tolerance to Competition in *Ipomoea purpurea*, the Common Morning Glory

LINDSAY CHANEY AND REGINA S. BAUCOM

1698-1709

(continues inside back cover)

WILEY
Blackwell

(continued from back cover)

Causes of Variation in Biotic Interaction Strength and Phenotypic Selection Along an Altitudinal Gradient EDUARDO T. MEZQUIDA AND CRAIG W. BENKMAN	1710-1721
Intermittent Breeding and Constraints on Litter Size: Consequences for Effective Population Size Per Generation (N_e) and Per Reproductive Cycle (N_b) ROBIN S. WAPLES AND TIAGO ANTAO	1722-1734
Quantitative Genetic Modeling and Inference in the Presence of Nonignorable Missing Data INGELIN STEINSLAND, CAMILLA THORRUD LARSEN, ALEXANDRE ROULIN, AND HENRIK JENSEN	1735-1747
Selection and Evolution of Causally Covarying Traits MICHAEL B. MORRISSEY	1748-1761
Lifetime Inbreeding Depression, Purgings, and Mating System Evolution in a Simultaneous Hermaphrodite Tapeworm DANIEL P. BENESH, FRIEDERIKE WEINREICH, MARTIN KALBE, AND MANFRED MILINSKI	1762-1774
Increased Gene Dosage Plays a Predominant Role in the Initial Stages of Evolution of Duplicate TEM-1 Beta Lactamase Genes RIDDHIMAN DHAR, TOBIAS BERGMILLER, AND ANDREAS WAGNER	1775-1791
Genetic Architecture of Skeletal Evolution in European Lake and Stream Stickleback DANIEL BERNER, DARIO MOSER, MARIUS ROESTI, HEINZ BUESCHER, AND WALTER SALZBURGER	1792-1805
The Evolution of the Sexually Selected Sword in <i>Xiphophorus</i> does not Compromise Aerobic Locomotor Performance CHRISTOPHER E. OUFIERO, ROBERT W. MEREDITH, KRISTINE N. JUGO, PAULINA TRAN, MARK A. CHAPPELL, MARK S. SPRINGER, DAVID N. REZNICK, AND THEODORE GARLAND JR.	1806-1823
The Contribution of Spontaneous Mutations to Thermal Sensitivity Curve Variation in <i>Drosophila serrata</i> CAMILLE A. L. LATIMER, KATRINA MCGUIGAN, ROBBIE S. WILSON, MARK W. BLOWS, AND STEPHEN F. CHENOWETH	1824-1837
BRIEF COMMUNICATION	
Spatially Correlated Extinctions Select for Less Emigration but Larger Dispersal Distances in the Spider Mite <i>Tetranychus urticae</i> EMANUEL A. FRONHOFER, JONAS M. STELZ, EVA LUTZ, HANS JOACHIM POETHKE, AND DRIES BONTE	1838-1844