

# Systematics and Biodiversity

Volume 15 | Numbers 1–3 | January–May 2017

ISSN 1477-2000



Taylor & Francis  
Taylor & Francis Group

# Systematics and Biodiversity

Contents Volume 15 | Numbers 1–3 | January–May 2017

Issues 1–3

Articles

- 1 High genetic diversity vs. low genetic and morphological differentiation of *Argiope trifasciata* (Araneae, Araneidae) in Tunisia  
*Najet Dimassi, Youssef Ben Khadra, Abdelwaheb Ben Othmen, Issaad Kawther Ezzine & Khaled Said*
- 16 Tackling relationships and species circumscriptions of *Octoblepharum*, an enigmatic genus of haplolepidous mosses (Dicranidae, Bryophyta)  
*Marina Bonfini Santos & Michael Stech*
- 25 Morphological variability of *Consolida regalis* seeds of south-eastern and central Europe  
*Agnieszka Rewicz, Anna Bomanowska, Joanna Magda & Tomasz Rewicz*
- 35 Latitudinal environmental gradients and diel variability influence abundance and community structure of Chaetognatha in Red Sea coral reefs  
*Ali M. Al-Aidaroos, Kusum K. Karati, Mohsen M. El-Sherbiny, Reny P. Devassy & Benjamin Kürten*
- 49 A new genus and new species of freshwater Chaetonotidae (Gastropoda: Chaetonotida) from Brazil with phylogenetic position inferred from nuclear and mitochondrial DNA sequences  
*André R. S. Garraffoni, Thiago Q. Araújo, Anete P. Lourenço, Loretta Guidi & Maria Balsamo*
- 63 Assessing the phylogenetic placement and redundancy of Aspidotheliaceae (Ascomycota), an orphaned family of lichen-forming fungi  
*M. P. Nelsen, R. Lücking, M.E.S. Cáceres, A. Aptroot & H. T. Lumbsch*
- 74 Uncovering discordance between taxonomy and evolutionary history in Florida raccoons  
*Alexa L. Trujillo & Eric A. Hoffman*
- 87 Three new species of *Stiphronis* (Aves: Muscicapidae) from the Afrotropics, with a molecular phylogenetic assessment of the genus  
*Gary Voelker, Michael Tobler, Heather L. Prestridge, Elza Duijm, Dick Groenengen, Mark R. Hutchinson, Alyssa D. Martin, Aline Nieman, Cees S. Roselaar & Jerry W. Huntley*
- 105 Is the Antarctic *Ophyrotrocha orvensanzi* (Annelida: Dorvilleidae) a circumpolar non-specialized opportunist?  
*Hannelore Paxton, Helena Wiklund, Frances Alexander & Sergi Taboada*
- 115 Expanded molecular phylogeny of the genus *Bicyclus* (Lepidoptera: Nymphalidae) shows the importance of increased sampling for detecting semi-cryptic species and highlights potentials for future studies  
*Kwaku Aduse-Poku, Paul M. Brakefield, Niklas Wahlberg & Oskar Brattström*
- 131 Morphology and phylogeny of two new ciliates, *Sterkiella sinica* sp. nov. and *Rubrioxytricha tsinlingensis* sp. nov. (Protozoa, Ciliophora, Hypotrichia) from north-west China  
*Lingyun Chen, Xiaolu Zhao, Chen Shao, Miao Miao & John C. Clamp*
- 143 Origin and early evolution of Ceropagiae (Apocynaceae-Asclepiadoideae)  
*Ulrich Meve, Annemarie Heiduk & Sigrid Liede-Schumann*
- 156 Age estimates of *Frullania* (Frullaniaceae, Porellales) main lineages: another example of rapid and recent diversification in liverwort evolution  
*Sara E. Silva, Diogo N. Silva, Tereza Almeida, César A. García, Octávio S. Paulo & Manuela Sim-Sim*
- 166 Neogene diversification in the temperate lichen-forming fungal genus *Parmelia* (Parmeliaceae, Ascomycota)  
*M. Carmen Molina, Pradeep K. Divakar, Trevor Goward, Ana M. Millanes, H. Thorsten Lumbsch & Ana Crespo*
- 182 Corrigendum
- 183 Relationships of morphological groups in the northern flicker superspecies complex (*Colaptes auratus* & *C. chrysoides*)  
*Joseph D. Manthey, Mark Geiger & Robert G. Moyle*
- 192 Bayesian inference of species diffusion in the West African *Agama agama* species group (Reptilia, Agamidae)  
*Adam D. Leaché, Jared A. Grummer, Michael Miller, Sneha Krishnan, Matthew K. Fujita, Wolfgang Böhme, Andreas Schmitz, Matthew Lebreton, Ivan Ineich, Laurent Chirio, Caleb Ofori-Boateng, Edem A. Eniang, Eli Greenbaum, Mark-Oliver Rödel & Philipp Wagner*
- 204 An integrative approach underscores the taxonomic status of *Lamellidens exolescens*, a freshwater mussel from the Oriental tropics (Bivalvia: Unionidae)  
*Ekaterina S. Konopleva, Ivan N. Bolotov, Ilya V. Vikhrev, Mikhail Y. Gofarov & Alexander V. Kondakov*
- 218 Taxonomic, phylogenetic and ecological diversity of *Niphargus* (Amphipoda: Crustacea) in the Höllloch cave system (Switzerland)  
*Cena Fišer, Marjeta Konec, Roman Alther, Vid Švara & Florian Altermatt*
- 238 *Parhyale plumicornis* (Crustacea: Amphipoda: Hyalidae): is this an anti-lessepsian Mediterranean species? Morphological remarks, molecular markers and ecological notes as tools for future records  
*Davide Iaciofano & Sabrina Lo Brutto*
- 253 Are all Mexican odonate species documented? An assessment of species richness  
*K. Cuevas-Yáñez, J. C. Espinosa-Rivera, A. P. Martínez-Falcón & Alex Córdoba-Aguilar*
- 259 Extreme sexual dimorphism and polymorphism in two species of the tiger moth genus *Dysschema* (Lepidoptera: Erebidae): association between males and females, sexual mimicry and melanism revealed by integrative taxonomy  
*Simeão De Souza Moraes, Lucas Waldvogel Cardoso, Karina Lucas Silva-Brandão & Marcelo Duarte*
- 274 Redescription of *Notarius grandicassis* and *Notarius parnacassis* (Siluriformes: Ariidae), with insights into morphological plasticity and evidence of incipient speciation  
*Alexandre P. Marcienuk, Raquel Siccha-Ramirez, Ronaldo Borges Barthem & Wolmar Benjamin Wosiacki*



Taylor & Francis  
Taylor & Francis Group