

Biogeography Of Australasia A Molecular Analysis

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Biogeography Of Australasia A Molecular Biogeography of Australasia: a Molecular Analysis is an invaluable treatise that should be read by biogeographers, by biologists who investigate biotic distributional history, and by geologists, who may find biological distribution informative, perhaps even surprisingly so. Biogeography of Australasia: A Molecular Analysis ... Over the last decade, molecular studies carried out on the Australasian biota have revealed a new world of organic structure that exists from submicroscopic to continental scale. Furthermore, in studies of global biogeography and evolution, DNA sequencing has

shown that many large groups, such as flowering plants, passerine birds and squamates, have their basal components in this area. Amazon.com: Biogeography of Australasia: A Molecular ... Using examples ranging from kangaroos and platypuses to kiwis and birds of paradise, Biogeography of Australasia examines the patterns of distribution and evolution of Australasian biodiversity and explains them with reference to tectonic and climatic change in the region. The surprising results from molecular biogeography demonstrate that an understanding of evolution in Australasia is essential for understanding the development of modern life on Earth. Biogeography of Australasia: A Molecular

Analysis | NHBS ... The surprising results from molecular biogeography demonstrate that an understanding of evolution in Australasia is essential for understanding the development of modern life on Earth. A milestone in the literature on this subject, this book will be a valuable source of reference for students and researchers in biogeography, biodiversity, ecology and conservation. Biogeography of Australasia: A Molecular Analysis 1, Heads ... Abstract Over the last decade, molecular studies carried out on the Australasian biota have revealed a new world of organic structure that exists from submicroscopic to continental scale. Biogeography of Australasia: A molecular analysis ... Biogeography of Australasia: A

Molecular Analysis, by Heads, Michael. Cambridge University Press, 2013. ISBN 978-1-107-04102-8. Hardback, 493 pp. Black and white illustrations of taxon distributions. £70; US\$112. Biogeography of Australasia: A Molecular Analysis, by ... Biogeography of Australasia: A Molecular Analysis. Over the last decade, molecular studies carried out on the Australasian biota have revealed a new world of organic structure that exists from... Biogeography of Australasia: A Molecular Analysis by ... Get this from a library! Biogeography of Australasia : a molecular analysis. [Michael J Heads] -- A fascinating analysis of the main patterns of distribution and evolution of the Australasian biota. Biogeography of Australasia : a

molecular analysis (eBook ... Metrics. Book description. Over the last decade, molecular studies carried out on the Australasian biota have revealed a new world of organic structure that exists from submicroscopic to continental scale. Biogeography of Australasia by Michael Heads Biogeography of Australasia - by Michael Heads November 2013. We use cookies to distinguish you from other users and to provide you with a better experience on our websites. Biogeography of Australia (Chapter 4) - Biogeography of ... Previous molecular studies did not sample sufficient species diversity to test the monophyly of Papurana or Tylerana. The colonization age estimate of New Guinea (Australasia) around

10–11 MYA corresponds with the docking of the Vogelkop Peninsula onto New Guinea from the west, which occurred approximately 10 MYA (Baldwin et al., 2012 , Davies et al., 1997 , Polhemus, 2007). Systematics and biogeography of the *Hylarana* frog (Anura ... *Meiogyne* (Annonaceae) comprises 15 species of trees and shrubs distributed in India, Indomalaya and Australasia–Pacific. Previous molecular phylogenetic analyses, based on limited taxon sampling, have indicated that the small genus *Fitzalania* (2 spp.) is nested within *Meiogyne*. Molecular phylogenetics and historical biogeography of the ... Description Over the last decade, molecular studies carried out on the Australasian biota have revealed a

new world of organic structure that exists from submicroscopic to continental scale. Biogeography of Australasia : Michael Heads : 9781107041028 Biogeography of Australasia : a molecular analysis. [Michael J Heads] Home. WorldCat Home About WorldCat Help. Search. Search for Library Items Search for Lists Search for Contacts Search for a Library. Create lists, bibliographies and reviews: or Search WorldCat. Find items in libraries near you ... Biogeography of Australasia : a molecular analysis (Book ... Applying Reeves et al.'s (2001) phylogeny of the family to biogeographic methodology Sanmartín and Ronquist (2004) reach this same conclusion, that Iridaceae differentiated in Antarctica-Australasia.

Previous molecular clock methods placed the divergence of the family in the late Cretaceous ca. 70 mya (Goldblatt et al. 2002) but our revised divergence time, ca. 82 mya indicates an older age for Iridaceae. Iridaceae 'Out of Australasia'? Phylogeny, Biogeography ... Bats make up more than 20% of extant mammals, yet their evolutionary history is largely unknown because of a limited fossil record and conflicting or incomplete phylogenies. Here, we present a highly resolved molecular phylogeny for all extant bat families. Our results support the hypothesis that megabats are nested among four major microbat lineages, which originated in the early Eocene [52 ... A Molecular Phylogeny for Bats Illuminates Biogeography

... Here we explore Bayesian relaxed-clock molecular dating while studying the biogeography of ca. 200 species from the global cicada tribe Cicadettini. Because the available fossils are few and uninformative, we calibrate our trees in part with a cytochrome oxidase I (COI) clock prior encompassing a range of literature estimates for arthropods. Inflation of Molecular Clock Rates and Dates: Molecular ... 1. Syst Biol. 2016 Jan;65(1):16-34. doi: 10.1093/sysbio/syv069. Epub 2015 Oct 22. Inflation of Molecular Clock Rates and Dates: Molecular Phylogenetics, Biogeography, and Diversification of a Global Cicada Radiation from Australasia (Hemiptera: Cicadidae: Cicadettini). Inflation of Molecular Clock Rates and

Dates: Molecular ... Molecular techniques were first applied to the family in a study by Souza-Chies et al. (1997) using the plastid gene rps 4. Their results confirmed the monophyly of Iridaceae and sup-

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