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Molecular systematics and phylogeography of the genus ...

Molecular systematics and phylogeography of the cryptic species complex *Baetis rhodani* (Ephemeroptera, Baetidae). Williams HC, Ormerod SJ, Bruford MW. Author information. Affiliations. All authors. 1. Biodiversity and Ecological Processes Group, Main Building, University of Wales Cardiff, Cardiff CF10 3TL, UK. ...

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April Dawn Harlin, B.S., University of California at Davis; M.S., Texas A&M University Co-Chairs of Advisory Committee: Dr. Rodney L. Honeycutt Dr. Bernd Würsig

MOLECULAR SYSTEMATICS AND PHYLOGEOGRAPHY OF

Molecular systematics and phylogeography of the cryptic species complex Baetis rhodani (Ephemeroptera, Baetidae) Molecular systematics and phylogeography of the cryptic species complex. Baetis rhodani. (Ephemeroptera, Baetidae) Author links open overlay panel.

H.C.Williams S.J.Ormerod M.W.Bruford. <https://doi.org/10.1016/j.ympev.2006.03.004> Get rights and content.

Molecular systematics and phylogeography of the cryptic ...

Molecular systematics and phylogeography of the Gibberella Jujikuroi species complex Kerry O'DonnellP Microbial Properties Research, National Center for

Molecular systematics and phylogeography of the Gibberella ...

Molecular systematics and phylogeography of Amazonian poison frogs of the genus Dendrobates. Symula R(1), Schulte R, Summers K. Author information: (1)Department of Biology, East Carolina University, Greenville, NC 27858, USA.

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Molecular characteristics: Our phylogenetic analyses support the designation of Me. azagnyi as a new species. Genetic distances between Me. azagnyi and its sister species, Me. woermanni were 4.9–5.7% with Cytb sequences (n = 41; 1140 nt), and 0.3–0.4% with the nuclear dataset (n = 6; 5415 nt).

Molecular systematics and phylogeography of the tribe ...

Systematics Molecular systematics and phylogeography of the Gibberella fujikuroi species complex Kerry O'Donnell Microbial Properties Research, National Center for Agricultural Utilization Research, Agricultural Research Service, United States Department of Agriculture, Peoria, Illinois 61604-3999 Correspondence kodonnell@sunca.ncaur.usda.gov

Molecular systematics and phylogeography of the Gibberella ...

Molecular phylogenetics is the branch of phylogeny that analyzes genetic, hereditary molecular differences, predominately in DNA sequences, to gain information on an organism's evolutionary relationships. From these analyses, it is possible to determine the processes by which diversity among species has been achieved. The result of a molecular phylogenetic analysis is expressed in a phylogenetic tree.

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Molecular phylogenetics is one aspect of molecular systematics, a broader term that also includes

Molecular phylogenetics - Wikipedia

Molecular systematics and phylogeography of the *Gibberella fujikuroi* species complex. ... based tree with gene trees from the other loci sequenced is due to nonorthologous ITS2 sequences. The molecular evidence suggests the divergent ITS2 types were combined by an ancient interspecific hybridization interspecific hybridization Subject Category: ...

*Molecular systematics and phylogeography of the *Gibberella* ...*

Phylogeography deals with historical phylogenetic components of the geographic distributions of genealogical lineages, particularly those within and among closely associated species (Avice, 2000). Intraspecific phylogeographical patterns usually arise from biogeographic barriers to gene flow like vicariance and

*Molecular systematics and phylogeography of *Bufotes* ...*

Molecular systematics and phylogeography of the *Gibberella fujikuroi* species complex Kerry O'Donnell¹ Microbial Properties Research, National Center for Agricultural Utilization Research, Agricultural Research Service, United States Department of Agriculture, Peoria, Illinois 61604-3999 Elizabeth Cigelnik Microbial Properties Research, National ...

*Molecular Systematics and Phylogeography of the *Gibberella* ...*

the painted turtle represents a continentally distributed species based on molecular analysis. We found strong support for the novel hypothesis that *C. p. dorsalis* is the sister group to all remaining *Chrysemys*, with the remaining *Chrysemys* falling into a single, extremely wide-ranging and genetically undifferentiated species.

MOLECULAR SYSTEMATICS, PHYLOGEOGRAPHY, AND THE EFFECTS OF

Abstract. Flow cytometry, morphometry and molecular markers [plastid DNA and internal transcribed spacers (ITS) of nuclear ribosomal DNA] were used to determine taxonomic and phylogeographic patterns in *Dactylorhiza maculata* s.l. from Scandinavia. A total of 238 individuals from 27 populations from throughout all of Scandinavia, including the adjacent Kola Peninsula of Russia, were analyzed.

*Systematics and phylogeography of the *Dactylorhiza* ...*

Molecular systematics, historical ecology, and phylogeography of *Halimeda* (Bryopsidales). Kooistra WH(1), Coppejans EG, Payri C. Author information: (1)Smithsonian Tropical Research Institute, Box 2072, Balboa, Panama. kooistra@alpha.szn.it *Halimeda* (Bryopsidales), a genus of calcified, segmented green seaweeds, abounds in reefs and lagoons ...

Molecular systematics, historical ecology, and ...

Molecular Systematics and Phylogeography of the *Gibberella fujikuroi* Species Complex. May 1998; ... The molecular evidence suggests the

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