

Molecular phylogeny of *Mycalesis* and *Ypthima*, its vicariant speciation in Ryukyu

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I analyzed molecular phylogenetically the butterflies, *Mycalesis* (bushbrown) and *Ypthima* (ring), using mitochondrial COI gene, by myself. There live localized species in Ryukyu. The phylogenetic trees indicate that the vicariant speciation, due to 1.55 Ma simultaneous isolation of islands of Ryukyu. I will show these data and discuss these relations.

Keywords: *Mycalesis*, *Ypthima*, Ryukyu islands, 1.55 Ma isolation, molecular phylogenetic tree, vicariant speciation