

**Genetic divergence in a Bornean fanged frog *Limnonectes leporinus*
(Dicroglossidae, Anura)**

Abstract

A previous population genetic study using mitochondrial CO1 gene reported a Bornean dicroglossid frog *Limnonectes leporinus* to be highly diversified. However, our mtDNA phylogeny using samples collected from throughout the species distribution and longer sequences of 12S-16S rRNA genes indicates the species not markedly diversified within the island, conforming to the fact that it is also not diversified morphologically. The divergence times among local samples are thought to be younger than some congeneric species, and it is estimated that the species arose relatively new and subsequently rapidly dispersed within the island. © 2015 by The Herpetological Society of Japan