

**PHYLOGENY OF THE LEAFHOPPER SUBGENUS *ERRHOMUS* (*ERRONUS*)
(HOMOPTERA: CICADELLIDAE) BASED ON mtDNA SEQUENCES**

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The leafhopper genus *Errhomus* was recently revised by Oman (1987) and Hamilton and Zack (1999). Both studies employed a variety of tools including morphological and biogeographic analyses. The taxon lends itself well to molecular study as the females are brachypterous and dispersal is extremely limited. Additionally, the biogeographic history of the genus is relatively well understood. We believe that some populations have been isolated due to geological changes for various time periods ranging from ten thousand to millions of years. Although these studies generally agreed in their results, there were some variations in species-level designations. In this study, we employed mitochondrial DNA sequencing to better elucidate the phylogenetic relationships among members of the subgenus *Errhomus* (*Erronus*). The 3' end of the NADH dehydrogenase 1 (ND1) gene, the leucine (CUN) tRNA, and the 5' end of the 16S rRNA gene were sequenced.