

# Taxonomic Study On Some Anurans In Hinthada Environs

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## Abstract

This study was carried out from June 2012 to January 2013 at Hinthada Township which lies in the upper part of Ayeyawady deltaic region. The study area was located between Latitude of 17°20' and 18°31' N and Longitude of 94°18' and 95°47' E. Three study sites were chosen as moist soil area, aquatic environ and paddy fields from the area. The main objective of the study is to record species composition and distribution of anurans in the different habitats. The study method of line transect was used to collect the sample. A total of 19 species under four families of anuran were recorded during the study period. The percentages of collected anurans were recorded as, 48% from Dicroglossidae, 26% from Microhylidae, 21% from Rhacophoridae and 5% from Bufonidae. Of four recorded anuran species, *Duttaphrynus melanostictus*, *fejervarya limnocharis*, *Kaloula pulchra* and *Polypedates leucomystax* were recorded as the commonest and also dominant species in all the study sites. Highest population was observed in wet period, and this might be related to their breeding season. The habitat preference of the species was especially discussed.

**Key words:** Anurans, habitats and species composition

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