

## ABSTRAK

Penelitian mengenai studi variasi morfologi ikan Bada Danau Maninjau (*Rasbora maninjau* Lumbantobing, 2014) telah dilakukan dari bulan April hingga Oktober 2015. Penelitian ini bertujuan untuk mengetahui variasi morfologi *R. maninjau* var-1 dan var-2 baik dalam lokasi maupun antar lokasi di Danau Maninjau. Pengambilan sampel dilakukan di Danau Maninjau yaitu di daerah Sarajo, Muko-muko, Muara Antokan, Bayur dan Sungai Batang dengan metode survey dankoleksi langsung di lapangan kemudian dilanjutkan di Laboratorium Genetika dan Biologi Sel Jurusan Biologi Fakultas MIPA Universitas Andalas untuk pengukuran karakter morfologi. Analisis data dilakukan dengan menggunakan uji Kruskall Wallis, Mann Whitney *U* Test, PCA (Principal Component Analysis), dan UPGMA (Unweighted Pair Group Method Aritmatic Average). Hasil penelitian menunjukkan bahwa terdapat variasi morfologi ikan *R. maninjau* var-1 dan var-2 maupun *R. maninjau* var-1 dan *R. maninjau* var-2 antar lokasi di Danau Maninjau.

Kata kunci: morfometrik, meristik, *Rasbora maninjau*.



## ABSTRACT

Research on the morphological variation study of Bada fish (*Rasbora maninjau* Lumbantobing, 2014) in Maninjau Lake has been conducted from April to October 2015. The aim of the study was to determine the morphological variation of *R. Maninjau* var-1 and var-2 in populations and between locations in Lake Maninjau. The samples of fish were collected at Lake Maninjau in the area of Sarajo, Muko-Muko, Muara Antokan, Bayur and Sungai Batang using the survey method and the direct field collection. The morphological measurement was carried in the Laboratory of Genetics and Cell Biology, Department of Biology, Faculty of Mathematic and Natural Sciences, Andalas University. Data analysis was performed with the Kruskal-Wallis test, Mann-Whitney *U* Test, PCA (Principal Component Analysis), and UPGMA (Unweighted Pair Group Method Average Arithmetic). The results showed that the *R. maninjau* has morphological variation in var-1 and var-2 in locations and between locations in Lake Maninjau.

Keywords: morphometric, meristic, *Rasboramaninjau*

