

# KARAKTERISASI MORFOLOGIS DAN MOLEKULER TANAMAN ANDALAS

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## ABSTRACT

The morphological and molecular of Andalas plants collected from several locations in West Sumatera was carried out using survey and direct collection method. The collection samples were processed at Herbarium Andalas University Padang (ANDA). Twenty-seven characters of fifty-nine individuals of Andalas were examined for clarification their variation. It was clarified that those individuals were *Morus macroura* Miq. which concordance with description at the first Miquel's publication. Those individuals were proposed to be a new variety and named them *M. Macroura* Miq. Var, *Macroura*. The collected plants indicated that they were varied in most of the examined characters within and between populations. Based on cluster analysis indicated that the collected plants were classified into two main groups, the first group consist of most individuals with cordate leaf shape. In case of second group consist of individuals with ovate leaf shape.