

## ABSTRACT

**Corrinna Marella. 2024. Level of Diversity of Leaf Moss Plants (*Bryopsida*) in Cimanggu Nature Park, West Java. Thesis Department of Biology Education. Faculty of Teacher Training and Education. Pasundan University. Supervisor (I) Dr. Yusuf Ibrahim, M. Pd. M. P., Supervisor (II) Dr. rer. nat. Adi Rahmat, M. Si.**

*Leaf mosses are an important part of biodiversity. Leaf mosses (Bryopsida) are mosses that can grow on bare soil, which periodically experiences a period of drought, among grasses, on rock, trunks, tree branches, weathered wood, cement walls, on the edge of irrigation channels, lakes and river banks. One of the places that has the potential for leaf moss diversity is the Cimanggu Nature Park, West Java. The purpose of this study was to determine the level of diversity of leaf moss plants (Bryopsida) in the Cimanggu Nature Park. The method used is descriptive with observation techniques and belt transect research design, sampling is done by purposive sampling. Based on the result of the study found 10 species with a total of 385 individuals. The important value index (INP) of leaf mosses (Bryopsida) that dominate in the Cimanggu Nature Park area in West Java is the species *Thuindium delicatulum* (Hedw.) with a total of 51,082%. Diversity Index ( $H'$ ) of leaf mosses (Bryopsida) that dominate in the Cimanggu Nature Park area in West Java amounted to 1,968, indicating that the diversity in the location is classified into a moderate level of diversity.*

**Keywords:** *Level of Diversity, Leaf mosses (Bryopsida), Cimanggu Nature Park.*