

ABSTRACT

Maryam Syahidah, 2020. Identification of Leaf Moss (Bryopsida) Plant Types in the Situ Patenggang Forest Reserve, Supervised by Dr. Cartonno, M.Pd., M.T. dan Gurnita, S.Si., M.P.

Plant Types Bryopsida in the Situ Patenggang Forest Reserve, is a plant belonging to the largest class of the Bryophyta division or moss plants. Bryophytes are better known as true mosses because their body morphology includes roots (rhizoid), stems (pseudo), and leaves. Moss plants are also often considered unattractive plants and rarely get attention compared to other plants, while the benefits of mosses are very important. The purpose of this study was to determine the types of leaf moss (Bryopsida) in Situ Patenggang Nature Reserve. This study used a qualitative descriptive method that describes the types of mosses (Bryopsida) systematically and in accordance with the facts. This research technique is by means of "belt transect", namely by making a transect line 1.2 km in length with one station only, also in one station has 7 quadrants, the distance between quadrants is 100 meters. The quadrant used is 10 x 10 meters. Sampling of leaf moss (Bryopsida) by purposive sampling method. The conclusions of this study are: 1) 21 species of mosses were found in all plots representing 6 orders and 12 families; 2) The types of moss found mostly on weathered wood substrates are 11 species, on rock substrates, namely 6 species, on tree substrates, namely 2 species, on tree root substrates, namely 1 species and on soil substrates, namely 1 species.

Key word: Situ Patenggang, Identification, Leaf Moss (Bryopsida).