

ABSTRAK

Yuniartiara R Bakulu. 2016. “Keanekaragaman Jenis Tumbuhan Makroepifit di Sub Kawasan Taman Nasional Bogani Nani Wartabone Wilayah Lombongo”. Skripsi, Jurusan Pendidikan Biologi, Fakultas Matematika dan IPA, Universitas Negeri Gorontalo. Pembimbing I Dr. Marini Susanti Hamidun, S.Si, M.Si dan Pembimbing II Dr Jusna Ahmad, M.Si.

Penelitian ini bertujuan untuk mengetahui keanekaragaman tumbuhan Makroepifit serta jenis-jenis tumbuhan Makroepifit. Objek penelitian adalah semua jenis tumbuhan makroepifit yang ada di Sub Kawasan Taman Nasional Bogani Nani Wartabone Wilayah Lombongo. Penelitian ini merupakan penelitian deskriptif kuantitatif menggunakan metode survey dan pengumpulan data dilakukan dengan metode eksploratif yang dibagi berdasarkan ketinggian pengambilan sampel disepanjang jalur perjalanan secara purposive sampling. Pada setiap Stasiun dibuat 10 buah plot dengan ukuran masing-masing plot 20 x 20 meter. Data diolah dengan menggunakan rumus indeks keanekaragaman. Hasil identifikasi diperoleh 7 Jenis tumbuhan makroepifit yaitu jenis *Lygodium flexuosum*, *Drymoglossum piloselloides*, *pirrosya piloselloides*, *Gramatophyllum speciosum*, *Asplenium nidus*, *Dendrobium crumenatum*, dan *Cimbidium sp.* Nilai indeks keanekaragaman di Sub Kawasan Taman Nasional Bogani Nani Wartabone Wilayah Lombongo dikategorikan pada skala $H' \leq 1$, $H' < 3$ (Nilai $H' < 1,392$) diperoleh bahwa keanekaragaman spesies sedang.

Kata Kunci : Keanekaragaman, tumbuhan makroepifit, di Sub Kawasan Taman Nasional Bogani Nani Wartabone Wilayah Lombongo.

ABSTRACT

Yuniartiara R Bakulu. 2016. "Species Diversity of Ferns Makroepifit in the Sub Area Bogani Nani Wartabone Park National Lombongo Region". Skripsi, Departement of Education Of Biology, Faculty of Mathematics and sciences, State University of Gorontalo. Principal supervisor was Marini Susanti Hamidun, S.Si, M.Si and co-supervisor was Dr Jusna Ahmad, M.Si

The aim of this research was to find out the diversity of Ferns Makroepifit and species of Ferns Makroepifit. The object of this research was all Ferns Makroepifit species that were found at lowland wildlife reserve of Bogani Nani Wartabone Park National Lombongo Region regency. The method used in this research was survey method and The data were collected through explorative method based on the extent level of samples in the along the lines trip as purposive sampling. In the station every strip was made 10 plot with size of each plot was 20 x 20 meters. The data were analyzed through diversity index formula. The results indicated that there were 7 kinds of ferns makroepifit was *Lygodium flexuosum*, *Drymoglossum piloselloides*, *Gramatophyllum speciosum*, *Asplenium nidus*, *Dendrobium crumenatum*, dan *Cymbidium sp.* The value of diversity index in the sanctuary area of Ambang mountain is categorized within the scale of $H' < 3$ (the value of $H' < .1.392$) means medium diversity.

Keywords : *Diversity, of Ferns Makroepifit, in the Sub Area Bogani Nani Wartabone Park National Lombongo Region.*