

ABSTRAK

Penelitian ini bertujuan untuk (1) Mengetahui spesies jamur makroskopis yang ditemukan di Gunung Betung Pesawaran (2) Mengetahui indeks keanekaragaman dari jamur makroskopis yang ditemukan di Gunung Betung Pesawaran. (3) Mengetahui manfaat dari hasil penelitian yaitu berupa sumber belajar ensiklopedia. Penelitian dilakukan dengan jenis pendekatan kualitatif, penelitian yang digunakan bersifat deskriptif. Teknik pengambilan sampel jamur makroskopis dilakukan dengan menggunakan metode jelajah (eksplorasi), metode kuadrat dan dilakukan secara *purposive sampling*. Hasil penelitian jamur makroskopis yang telah dilakukan di Gunung Betung Pesawaran menemukan 4 ordo dengan 19 spesies, ordo yang ditemukan yaitu ordo Auriculariales (*Auricularia auricular*), ordo Polyporales (*Trametes pubescens*, *Trichaptum abietinum*, *Earliella scabrosa*, *Ganoderma boninense*, *Trametes gibbosa*, *Ganoderma aplanatum*, *Pycnoporus cinnabarinus*, *Ganoderma lucidium*, *Polyporus arcularius*) ordo Agaricales (*Sarcoscypha coccinea*, *Marasmius siccus*, *Coprinellus disseminates*, *Gymnopilus luteofolius*, *Oudemansiella mucida*, *Xylaria polymorpha*, *Schizophyllum commune*, *Clitocybe nebularis*) dan ordo Russulales (*Stereum hirsutum*). Hasil penelitian yang telah dilakukan digunakan dalam sumber belajar berupa ensiklopedia, sumber belajar ensiklopedia telah dilakukan validasi oleh 2 validator yaitu validator materi dan desain dan mendapatkan skor rata-rata 97% dan 88% yang artinya menunjukkan kriteria kualitas ensiklopedia sangat valid untuk digunakan.

Kata Kunci: keanekaragaman, Jamur Makroskopis, Ensiklopedia.

ABSTRACT

*This study aims to (1) determine the macroscopic fungal species found on Mount Betung Pesawaran (2) determine the diversity index of the macroscopic fungi found on Mount Betung Pesawaran. (3) knowing the benefits of research results in the form of encyclopedia learning resources. The research was conducted with a qualitative approach, the research used was descriptive. The sampling technique of macroscopic mushrooms was carried out using the roaming method (exploration), the quadratic method and purposive sampling. The results of macroscopic mushroom research conducted at Gunung Betung Pesawaran found 4 orders with 19 species, the orders found were the order Auriculariales (*Auricularia auricular*), the order Polyporales (*Trametes pubescens*, *Trichaptum abietinum*, *Earliella scabrosa*, *Ganoderma boninense*, *Trametes gibbosa*, *Ganoderma aplanatum*, *Pycnoporus cinnabarinus*, *Ganoderma lucidium*, *Polyporus arcularius*) of the order Agaricales (*Sarcoscypha coccinea*, *Marasmius siccus*, *Coprinellus disseminates*, *Gymnopilus luteofolius*, *Oudemansiella mucida*, *Xylaria polymorpha*, *Schizophyllum commune*, *Clitocybe nebularis*) and the order Russulales (*Stereum hirsutum*). The results of research that have been carried out are used in learning resources in the form of encyclopedias, encyclopedia learning resources have been validated by 2 validators, namely material and design validators and get an average score of 97% and 88%, which means that the quality criteria for encyclopedias are very valid to use.*

Keywords: Diversity, Macroscopic Mushrooms, Encyclopedia.