

ABSTRAK

Nia Veronica Malau, NIM 4173341049 (2021). Pengembangan *Booklet* Keanekaragaman Ikan Di Danau Toba Sebagai Sumber Belajar Mahasiswa.

Penelitian ini bertujuan untuk mengetahui: (1) jenis ikan yang terdapat di Danau Toba; (2) Index keanekaragaman ikan di danau Toba; (3) Tingkat kelayakan *booklet* keanekaragaman ikan di Danau Toba; (4) Tanggapan mahasiswa terhadap pengembangan data Keanekaragaman ikan di Danau Toba dalam bentuk *booklet* sebagai sumber belajar. Jenis penelitian ini adalah penelitian pengembangan dengan model pengembangan produk 4-D yang dimodifikasikan sesuai kebutuhan. Subjek uji coba terdiri dari ahli materi, ahli media, dosen ekologi hewan Universitas Negeri Medan, dan 40 mahasiswa Pendidikan Biologi. Data kualitas produk pengembangan dikumpulkan dengan angket. Hasil penelitian menunjukkan bahwa: (1) Validasi ahli materi berada pada kriteria “layak” (77%); (2) Validasi ahli media berada pada kriteria “Sangat Layak” (88.75%); (3) Penilaian Dosen Ekologi Hewan berada pada kriteria “sangat layak” (99%); (4) Uji coba perorangan berada pada kriteria “Sangat Baik” (91.66%); (5) Uji Coba kelompok kecil berada kriteria “Sangat Baik” (85.3%); (6) Pada uji coba kelompok terbatas berada kriteria “Sangat Baik” (84.54 %).

Kata Kunci: Pengembangan, *Booklet*, Keanekaragaman Jenis Ikan



ABSTRACT

Nia Veronica Malau, NIM 4173341049 (2021). Development Of Diversity Booklets Fish In Lake Toba As A Source Student Learning

This study aims to determine: (1) the types of fish found in Lake Toba; (2) Fish diversity index in Lake Toba; (3) The feasibility level of the fish diversity booklet in Lake Toba; (4) Student responses to the development of data on fish diversity in Lake Toba in the form of booklets as a learning resource. This type of research is development research with a modified 4-D product development model as needed. The test subjects consisted of material experts, media experts, lecturers of animal ecology at the State University of Medan, and 40 students of Biology Education. Product development quality data were collected by questionnaire. The results showed that: (1) Material expert validation was in the "appropriate" criteria (77%); (2) media expert validation is in the "Very Eligible" criteria (88.75%); (3) The assessment of the Animal Ecology Lecturer is in the "very feasible" criteria (99%); (4) Individual trials are in the criteria of "Very Good" (91.66%); (5) The small group trial was met with the criteria of "Very Good" (85.3%); (6) In the limited group trial, the criteria were "Very Good" (84.54 %).

Keywords: Development, Booklet, Fish Diversity

