ABSTRAK

Nurul Sallia Mairiella Lubis. Pengembangan Buku Panduan Lapang Materi Keanekaragaman Capung *(Odonata)* Berbasis Riset Pada Matakuliah Entomologi. Tesis. Program Pascasarjana Universitas Negeri Medan. 2019.

Penelitian ini bertujuan untuk mengembangkan buku panduan lapang Materi Keanekaragaman Capung Berbasis Riset Pada Matakuliah Entomologi. Buku panduan lapang ini dikembangkan menurut Thiagarajan (4D) yaitu tahap: *define* (pendefenisian), *design* (perancangan), *development* (pengembangan) dan *dissemination* (penyebaran) tetapi pada penelitian ini hanya sampai tahap development (pengembangan). Buku panduan lapang yang dikembangkan divalidasi berdasarkan tiga kriteria yaitu kualitas konten materi, kualitas desain pembelajaran dan kualitas desain *layout*. Data tentang kualitas produk pengembangan ini dikumpulkan dengan angket dan dianalisis dengan deskriptif kualitatif. Hasil penilaian ahli materi dinilai oleh dua orang ahli materi berdasarkan kesesuaian materi, keakuratan dan kekuatan materi, sistematika pembelajaran, efisiensi buku panduan lapang dalam pembelajaran dan kebahasaan memiliki nilai rata-rata 82% dengan kriteria sangat baik. Hasil validasi desain pembelajaran dinilai oleh satu orang ahli pembelajaran berdasarkan aspek kelayakan isi dan penyajian isi memiliki nilai rata-rata 96% dengan kriteria sangat baik. Hasil validasi desain *layout* dinilai oleh dua orang ahli desain *layout* dengan beberapa aspek yaitu ukuran buku panduan lapang, desain sampul buku panduan lapang dan desain isi buku panduan lapang memiliki nilai rata-rata yaitu 81% dengan kriteria baik. Berdasarkan uji perorangan rata-rata nilai yang diperoleh 87% kategori sangat baik, uji kelompok kecil rata-rata nilai yang diperoleh 90% kategori sagat baik, uji lapangan terbatas rata-rata nilai yang diperoleh 86% kategori sangat baik. Hasil dari validasi tersebut didapatkan setelah melakukan beberapa kali revisi sampai buku panduan lapang materi keanekaragaman capung (*odonata*) berbasis riset pada matakuliah entomologi ini telah layak digunakan.

Kata kunci: Pengembangan buku, Berbasis riset, Entomologi

ABSTRACT

Nurul Sallia Mairiella Lubis. Development of Field Guide for Dragonfly Diversity *(Odonata)* Research Based on Entomology Subjects. Thesis. Postgraduate Program of Universitas Negeri Medan. 2019.

This study aims to develop a field guidebook for Dragonfly Diversity Based on Research at Entomology Subject. This field guidebook was developed according to Thiagarajan (4D), namely stages: define, design, development and dissemination, but in this study only to the stage of development. The field guidebook developed was validated based on three criteria: quality of material content, quality of learning design and quality of layout design. Data on the quality of this development product were collected by questionnaire and analyzed by qualitative descriptive analysis. The results of the assessment by material experts were assessed by two material experts based on material suitability, accuracy and strength of the material, systematic learning, the efficiency of field manuals in learning and language having an average value of 82% with good categorized. The results of the learning design validation were assessed by one learning expert based on the feasibility aspects of the content and the presentation of the contents had an average value of 96% with very good category. The results of layout design validation were assessed by two layout design experts with several aspects, namely the size of the field guidebook, the design of the field guide cover and the design of the contents of the field guidebook having an average value of 81% with good category. Based on the individual test the average value obtained 87% very good category, small group test average obtained 90% very good category, limited field trial the average value obtained 86% very good category. The results of the validation were obtained after making several revisions until the research-based field guide for dragonfly diversity (odonata) material in this entomology course was used.

Keywords: Book development, Research based, Entomology.