

ABSTRAK

ANA FITRIA RAHMAN. Pengembangan Buku Suplemen Berbasis Penelitian Lapangan Mengenai Arthropoda Tanah Pada Matakuliah Ekologi Hewan di Universitas Negeri Medan.

Penelitian ini bertujuan untuk mengembangkan buku suplemen serta mengetahui kelayakan dan respon terhadap buku suplemen arthropoda tanah di kebun kopi organik dan anorganik Aceh Tengah berdasarkan penelitian lapang. Buku suplemen dikembangkan menggunakan model Tiagarajan yang terdiri dari empat tahap yaitu tahap Define, Design, Developent, dan Disseminate yang pada penelitian ini dibatasi sampai tahap Development. Buku suplemen kemudian divalidasi oleh ahli materi Ekologi Hewan untuk menilai kualitas konten materi buku suplemen, kemudian divalidasi oleh ahli instruksional media dan ahli desain layout. Hasil validasi menunjukkan bahwa konten materi buku suplemen, penyajian dan kegrafikan memiliki kelayakan yang baik untuk digunakan sebagai sumber belajar. Hasil dari validasi akan digunakan sebagai bahan revisi buku suplemen. Mahasiswa dan dosen pengampu matakuliah Ekologi Hewan memiliki respon yang baik terhadap pengembangan buku suplemen arthropoda tanah karena buku tersebut dianggap dapat membantu mahasiswa dalam praktikum arthropoda tanah di matakuliah Ekologi Hewan.

Kata kunci : ekologi hewan, pengembangan buku suplemen, kebun kopi organik dan anorganik, arthropoda tanah.

ABSTRACT

ANA FITRIA RAHMAN. The Development of Supplement Book on Soil Arthropods of Coffee Plantation in The Central Aceh Based on Research Result in Animal Ecology Course of Universitas Negeri Medan.

The aim of this study was to design and develop a supplement book on soil arthropods of organic and inorganic coffee plantation in the Central Aceh based on research results. The supplement book was developed based to Thiagarajan model for book development consisted of 4 stages : Define, Design, Develop and Disseminate, however at this stage only up to development stage is reported. The supplement book draft was validated by one lecturer teaching Animal Ecology to check for the quality content of the book, one expert validated the supplement book as an instructional media and another expert validated its layout design. The validation results showed that the supplement book content, instructional media, and layout design were considered very good and the book was worthy to use as a learning sources. The results from those validations will be used as a basis for revising the supplement book. Students and lectures have a good response to the supplement book development because the book is considered to help students in practicum of soil arthropods in the course.

Keywords— animal ecology; supplement book development; organic and inorganic coffee plantation; soil arthropods.