

ABSTRAK

Rensiva Ray Pehulisa. Pengembangan Buku Nonteks Keanekaragaman Flora dan Fauna di Kawasan Pengembangan Ekowisata Mangrove Suaka Margasatwa Karang Gading Sumatera Utara. Tesis. Program Pascasarjana Universitas Negeri Medan 2024.

Buku teks pelajaran ternyata belum sepenuhnya memberikan informasi yang cukup dalam mempelajari materi keanekaragaman hayati terkhusus pada ekosistem mangrove. Guru dan siswa butuh buku tambahan sebagai sumber belajar di kelas. Sumber buku tambahan belajar dapat berupa buku suplemen atau buku Non Teks Pelajaran. Penelitian ini bertujuan untuk mengembangkan buku non teks pelajaran mengenai Keanekaragaman Flora dan Fauna di Kawasan Pengembangan Ekowisata Mangrove Suaka Margasatwa Karang Gading Sumatera Utara. Buku nonteks dikembangkan menggunakan model 4-D oleh Thiagarajan. Hasil dari tahapan pengembangan buku nonteks mendapatkan skor rata-rata 83,33 dengan kriteria sangat baik berdasarkan validasi ahli materi, 82,70 dari validasi ahli desain dengan kriteria sangat layak, dan 83,33 dari validasi ahli bahasa dengan kriteria sangat layak. Tanggapan guru dan siswa terhadap buku nonteks yang telah dikembangkan mendapatkan skor masing-masing 95 dan 89,36. Pada tahap penyebaran didapatkan hasil nilai N gain sebesar 0,7 yang berarti buku nonteks keanekaragaman flora dan fauna di kawasan pengembangan ekowisata mangrove Suaka Margasatwa Karang Gading Sumatera utara dapat meningkatkan efektivitasan hasil belajar biologi siswa dengan kriteria sedang.

Kata Kunci:

Pengembangan Buku, Buku Nonteks, Keanekaragaman Hayati, Flora dan Fauna, Ekosistem Mangrove.

ABSTRACT

Rensiva Ray Pehulisa. Development of a Non-Text Book on Flora and Fauna Diversity in the Mangrove Ecotourism Development Area, Karang Gading Wildlife Reserve, North Sumatra. Thesis. Medan State University Postgraduate Program 2024.

Textbooks do not fully provide sufficient information in studying biodiversity material, especially in the mangrove ecosystem. Teachers and students need additional books as learning resources in class. Additional study book sources can be supplement books or non-text textbooks. This research aims to develop a non-text book on the diversity of flora and fauna in the mangrove ecotourism development area, Karang Gading Wildlife Reserve, North Sumatra. The non-text book was developed using the 4-D model by Thiagarajan. The results of the non-text book development stage received an average score of 83.33 with very good criteria based on material expert validation, 82.70 from design expert validation with very feasible criteria, and 83.33 from linguist validation with very feasible criteria. Teachers' and students' responses to the non-textbooks that had been developed received scores of 95 and 89.36 respectively. At the distribution stage, the results obtained were an N gain value of 0.7, which means that the non-text book on the diversity of flora and fauna in the Mangrove ecotourism development area, the Karang Gading animal reserve, North Sumatra can increase the effectiveness of students' biology learning results with medium criteria.

Keywords:

Book Development, Non-Text Books, Biodiversity, Flora and Fauna, Mangrove Ecosystem.