

## ABSTRAK

**Iga Efneprin Panjaitan, NIM 4173341031 (2017). Pengembangan Buku Saku Identifikasi Hewan Vertebrata Koleksi Kebun Binatang Siantar Dalam Membantu Siswa Mengenal Berbagai Jenis Hewan Vertebrata Di Kelas X IPA SMA N 1 Laubaleng.**

Penelitian ini bertujuan untuk mengetahui kelayakan penilaian berdasarkan penilaian para ahli, diantaranya ahli media, ahli materi, ahli pembelajaran, guru dan peserta didik terhadap buku saku identifikasi hewan vertebrata yang telah dikembangkan. Subjek dalam penelitian ini adalah ahli media, ahli materi, ahli pembelajaran, guru dan peserta didik kelas X IPA 1 SMA N 1 Laubaleng sebanyak 31 orang. Objek penelitian ini adalah buku saku identifikasi hewan-hewan vertebrata koleksi kebun binatang siantar. Penelitian buku saku identifikasi hewan-hewan vertebrata koleksi kebun binatang siantar termasuk jenis penelitian pengembangan *Research and Development* (R&D). Pengembangan buku saku ini mengacu pada model pengembangan Thiagarajan atau model pengembangan 4-D yang dibatasi sampai pada tahap development, sehingga tahap pengembangannya memiliki 3 tahap yaitu tahap *define* (pendefinisian), *design* (Perancangan), dan *development* (pengembangan). Hasil penelitian menunjukkan bahwa penilaian oleh ahli media dikategorikan sangat layak, penilaian oleh ahli pembelajaran dikategorikan sangat layak, penilaian oleh ahli materi dikategorikan layak, penilaian guru dikategorikan sangat layak dan hasil respon peserta didik dikategorikan sangat layak. Keseluruhan aspek dalam buku saku yang dikembangkan sangat layak untuk digunakan sebagai sumber informasi untuk membantu siswa dalam mengenal berbagai jenis hewan vertebrata.

Kata Kunci : Media Pembelajaran, *Research and Development* (R&D), 4-D, Buku saku.

## *ABSTRACT*

**Iga Efineprin Panjaitan, NIM 4173341031 (2017). Development of a Vertebrate Animal Identification Pocket Book in the Siantar Zoo Collection in Helping Students Recognize Various Types of Vertebrate Animals in Class X IPA SMA N 1 Laubaleng.**

This study aims to determine the feasibility of assessment based on the assessment of experts, including media experts, material experts, learning experts, teachers and students on the vertebrate animal identification pocket book that has been developed. The subjects in this study were media experts, material experts, learning experts, teachers and students in class X IPA 1 SMA N 1 Laubaleng as many as 31 people. The object of this research is a pocket book of identification of vertebrate animals in the Siantar Zoo collection. The study of the pocket book on identification of vertebrate animals in the Siantar Zoo collection is a Research and Development (R&D) type of research. The development of this pocket book refers to the Thiagarajan development model or the 4-D development model which is limited to the development stage, so that the development stage has 3 stages, namely the define, design and development stages. The results showed that the assessment by media experts was categorized as very feasible, the assessment by learning experts was categorized as very feasible, the assessment by material experts was categorized as feasible, the teacher's assessment was categorized as very feasible and the results of student responses were categorized as very feasible. All aspects in the developed pocket book are very suitable to be used as a source of information to assist students in getting to know various types of vertebrate animals.

Keywords: Learning Media, Research and Development (R&D), 4-D, pocket book.

