

ABSTRAK

Fitri Rahmadani Hadi, NIM 4161141024 (2016), Pengembangan Buku Saku Hasil Pengamatan Anatomi Daun Gandaria (*Bouea macrophylla* Griff) dan Prosedur Kerjanya Pada Mata Kuliah Anatomi Tumbuhan Di Universitas Negeri Medan.

Penelitian ini bertujuan untuk : (1) Mengetahui hasil penilaian dan tanggapan validator ahli materi terhadap kelayakan buku saku karakterisasi anatomi daun gandaria (*Bouea macrophylla* Griff); (2) Mengetahui hasil penilaian dan tanggapan validator ahli media terhadap kelayakan buku saku karakterisasi anatomi daun gandaria (*Bouea macrophylla* Griff); (3) Mengetahui hasil penilaian dan tanggapan mahasiswa terhadap penggunaan buku saku karakterisasi anatomi daun gandaria (*Bouea macrophylla* Griff); (4) Mengetahui efektifitas buku saku karakterisasi anatomi daun gandaria (*Bouea macrophylla* Griff) bagi mahasiswa biologi dalam pembelajaran anatomi tumbuhan. Buku saku ini dikembangkan dengan menggunakan model pengembangan Dick and Carey yang dibatasi sampai tahap evaluasi formatif. Hasil penelitian menunjukkan buku saku karakterisasi anatomi daun gandaria (*Bouea macrophylla* Griff) dinyatakan layak, berdasarkan hasil validasi dari ahli materi memperoleh nilai rata-rata sebesar 87,62% dengan kategori sangat layak, hasil validasi dari ahli media memperoleh nilai rata-rata sebesar 83,33% dengan kategori layak, selanjutnya melalui penilaian perorangan mahasiswa memperoleh nilai rata-rata sebesar 90,45% dengan kategori sangat layak. Hasil penilaian efektifitas buku saku karakterisasi anatomi daun gandaria (*Bouea macrophylla* Griff) memperoleh persentase penilaian sebesar 85,18% dengan kategori sangat efektif.

Kata Kunci : Pengembangan, Buku Saku, Anatomi, *Bouea macrophylla*, Metode Paraffin.

THE
Character Building
UNIVERSITY

ABSTRACT

Fitri Rahmadani Hadi, NIM 4161141024 (2016), Development of a Pocket Book of Observations on the Anatomy of Gandaria Leaves (*Bouea macrophylla* Griff) and its Working Procedures on Plant Anatomy Courses at Medan State University.

This study aims to: (1) Know the results of the assessment and responses of material expert validators on the feasibility of the pocket book on anatomical characterization of gandaria leaves (*Bouea macrophylla* Griff); (2) Knowing the results of the assessment and the responses of the media expert validators to the feasibility of the pocket book on characterization of gandaria leaf anatomy (*Bouea macrophylla* Griff); (3) Knowing the results of the assessment and student responses to the use of a pocket book to characterize the anatomy of gandaria leaves (*Bouea macrophylla* Griff); (4) Knowing the effectiveness of the leaf book anatomy characterization of gandaria (*Bouea macrophylla* Griff) for biology students in learning plant anatomy. This pocket book was developed using the Dick and Carey development model which was limited to the formative evaluation stage. The results showed that the leaf book anatomical characterization of gandaria leaves (*Bouea macrophylla* Griff) was declared feasible, based on the results of the validation from material experts obtained an average value of 87,62% in the very feasible category, the validation results from media experts obtained an average value of 83,33% with the feasible category, then through individual assessments the students obtained an average score of 90,45% with the very feasible category. The results of the assessment of the effectiveness of the pocket book on the anatomical characterization of gandaria leaves (*Bouea macrophylla* Griff) obtained an assessment percentage of 85,18% with the very effective category.

Keywords: Development, Pocket Book, Anatomy, *Bouea macrophylla*, Paraffin Method.

THE
Character Building
UNIVERSITY