

## ABSTRAK

**Ulfah Fauziyah (1202060107):** Penyusunan Lembar Kerja Mahasiswa (LKM) Pada Mata kuliah Biologi Aquatik Berdasarkan Inventarisasi *Mollusca* Zona Intertidal di Pantai Sindangkerta Tasikmalaya

Biologi Aquatik merupakan mata kuliah yang berkaitan erat dengan lingkungan, sehingga potensi lokal dapat dijadikan sebagai sumber belajar. Keterbatasan LKM pada mata kuliah Biologi Aquatik menimbulkan permasalahan karena pembelajaran menjadi kurang efektif, sehingga kurang membangkitkan minat dan motivasi belajar mahasiswa. Penelitian ini bertujuan untuk menghasilkan Lembar Kerja Mahasiswa Biologi Aquatik yang dikembangkan berdasarkan Inventarisasi *Mollusca* Zona Intertidal di Pantai Sindangkerta Tasikmalaya. Metode penelitian ini menggunakan metode R&D (*Research and Development*) yang dimodifikasi menjadi model 3D (*Define, Design, dan Development*). Instrumen penelitian meliputi angket validasi, keterbacaan dan respon dengan subjek penelitian terdiri dari dua validator ahli dan 15 orang Mahasiswa Pendidikan Biologi. Hasil penelitian ditemukan 15 famili dari filum *Mollusca* yang terdiri dari 3 kelas (*Bivalvia, Gastropoda, dan Polyplacophora*). Data tersebut dituangkan dalam LKM dengan tahapan pengembangan (*Define, Design, dan Development*) produk LKM. Hasil analisis validasi (ahli materi dan ahli media) dinyatakan valid dengan prolehan nilai rata-rata persentase 83,79%, aspek keterbacaan mahasiswa 91,2%, termasuk pada kategori mudah dipahami dan hasil respon siswa 88%, termasuk pada kategori sangat positif. Berdasarkan penelitian yang dilakukan dapat disimpulkan LKM berdasarkan inventarisasi *Mollusca* di Pantai Sindangkerta Tasikmalaya layak digunakan sebagai media pembelajaran pada mata kuliah Biologi Aquatik.

**Kata Kunci:** Biologi Aquatik, Inventarisasi *Mollusca*, LKM, R&D

## **ABSTRACT**

**Ulfah Fauziah (1202060107):** *Preparation Of Student Worksheets (LKM) In Water Biology Lectures Based On Intertidal Zone Mollusca Inventory On Sindangkerta Beach, Tasikmalaya*

*Aquatic Biology is a subject that is closely related to the environment, so that local potential can be used as a learning resource. The limitations of LKM in Aquatic Biology courses cause problems because learning becomes less effective, resulting in less interest and motivation for students to learn. This research aims to produce an Aquatic Biology Student Worksheet which was developed based on the Mollusca Inventory of the Intertidal Zone at Sindangkerta Beach, Tasikmalaya. This research method uses the R&D (Research and Development) method which is modified into a 3D model (Define, Design and Development). The research instrument includes validation, readability and response questionnaires with research subjects consisting of two expert validators and 15 Biology Education Students. The research results found 15 families from the phylum Mollusca consisting of 3 classes (Bivalvia, Gastropoda, and Polyplacophora). This data is outlined in the LKM with development stages (Define, Design and Development) of the LKM product. The results of the validation analysis (material experts and media experts) were declared valid with an average percentage score of 83.79%, the student readability aspect was 91.2%, included in the easy to understand category and student response results were 88%, included in the very positive category. Based on the research conducted, it can be concluded that LKM based on the Mollusca inventory at Sindangkerta Beach, Tasikmalaya, is suitable for use as a learning medium in Aquatic Biology courses.*

**Keywords:** *Aquatic Biology, Mollusca Inventory, LKM, R&D*