

**KEANEKARAGAMAN ODONATA (CAPUNG) DI SAWAH DAN SUNGAI UNTUK
PENGEMBANGAN LEMBAR KERJA PESERTA DIDIK (LKPD) BERBASIS
PENDEKATAN ILMIAH PADA MATERI INSEKTA**

**Siti Hamidah Limbong
(4143341049)**

ABSTRAK

Penelitian ini bertujuan untuk mengetahui: (1) Mengetahui penilaian menurut ahli materi terhadap keanekaragaman odonata (capung) di sawah dan sungai tanjung rahu untuk pengembangan lembar kerja peserta didik (LKPD) berbasis pendekatan ilmiah pada materi insekta; (2) Mengetahui penilaian menurut ahli pembelajaran terhadap keanekaragaman odonata (capung) di sawah dan sungai tanjung rahu untuk pengembangan lembar kerja peserta didik (LKPD) berbasis pendekatan ilmiah pada materi insekta; (3) Mengetahui penilaian menurut ahli desain terhadap keanekaragaman odonata (capung) di sawah dan sungai tanjung rahu untuk pengembangan lembar kerja peserta didik (LKPD) berbasis pendekatan ilmiah pada materi insekta; (4) Mengetahui tanggapan menurut guru biologi terhadap keanekaragaman odonata (capung) di sawah dan sungai tanjung rahu untuk pengembangan lembar kerja peserta didik (LKPD) berbasis pendekatan ilmiah pada materi insekta; (5) Mengetahui tanggapan siswa terhadap keanekaragaman odonata (capung) di sawah dan sungai tanjung rahu untuk pengembangan lembar kerja peserta didik (LKPD) berbasis pendekatan ilmiah pada materi insekta. Produk ini dikembangkan dengan model Thiagarajan (4-D) yang telah dimodifikasi menjadi 3-D yang terdiri dari tiga tahap yaitu pendefinisian, perancangan dan pengembangan. Hasil penelitian menunjukkan LKPD dinyatakan layak berdasarkan hasil validasi dari ahli materi dengan nilai 86% dengan kategori sangat baik, hasil validasi dari ahli pembelajaran dengan nilai 99% dengan kategori sangat baik, hasil validasi dari ahli pembelajaran dengan nilai 78% dengan kategori baik. Berdasarkan uji coba perorangan dan kelompok kecil berada pada kriteria “layak” (90%), dan uji coba kelompok terbatas berada pada kriteria “layak” (92%). Sehingga dapat disimpulkan bahwa produk pengembangan penelitian keanekaragaman odonata (capung) di sawah dan sungai untuk pengembangan lembar kerja peserta didik (LKPD) berbasis pendekatan ilmiah pada materi insekta. Mengingat penelitian ini hanya dilakukan sampai uji coba lapangan terbatas, maka untuk mengetahui keefektifannya terhadap produk ini perlu dilakukan penelitian lebih lanjut.

Kata kunci : Pengembangan, LKPD, Insekta.

**THE DIVERSITY OF ODONATA (DRAGONFLIES) IN THE RICE FIELDS AND
TANJUNG RAHU RIVERS FOR THE DEVELOPMENT OF STUDENT
WORKSHEETS (LKPD) BASED ON A SCIENTIFIC
APPROACH TO INSECT MATERIAL**

**Siti Hamidah Limbong
(4143341049)**

ABSTRACT

This research aims to determine: (1) Knowing the assessment according to material experts on the diversity of odonata (dragonflies) in the rice fields and tanjung rahu rivers for the development of student worksheets (LKPD) based on a scientific approach to insect material; (2) Knowing the assessment according to expert learning on the diversity of odonata (dragonflies) in the rice fields and tanjung rahu rivers for the development of student worksheets (LKPD) based on a scientific approach to insect material; (3) Knowing the assessment according to design experts on the diversity of odonata (dragonflies) in the rice fields and tanjung rahu rivers for the development of student worksheets (LKPD) based on a scientific approach to insect material; (4) Knowing the responses according to the biology teacher on the diversity of odonata (dragonflies) in the tanjung rahu rice fields and rivers for the development of student worksheets (LKPD) based on a scientific approach to material insects; (5) Knowing students' responses to the diversity of odonata (dragonflies) in the rice fields and tanjung rahu rivers for the development of student worksheets (LKPD) based on a scientific approach to insect material. This product was developed with the Thiagarajan (4-D) model which has been modified into 3-D which consists of three stages, namely defining, designing and developing. The results showed that the LKPD was declared feasible based on the results of the validation from the material experts with a value of 86% with very good categories, the results of validation from learning experts with a value of 99% with very good categories, the results of validation from learning experts with a value of 78% with good categories. Based on individual and small group trials, the criteria were "feasible" (90%), and limited group trials were in the criteria of "decent" (92%). So that it can be concluded that the product development research on odonata diversity (dragonfly) in rice fields and rivers for the development of student worksheets (LKPD) based on a scientific approach to insect material. Considering that this research is only carried out until the field trials are limited, further research is needed to determine its effectiveness on this product.

Keywords : Development, LKPD, Insecta.