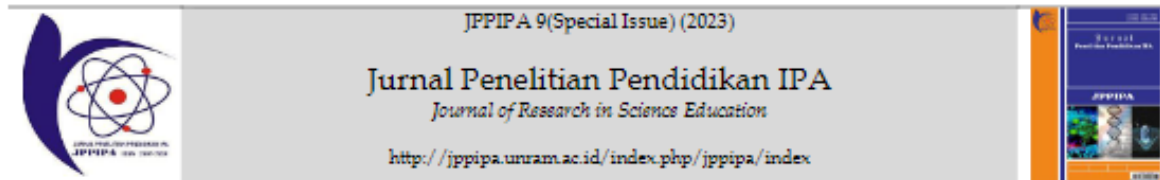


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The Development of Teaching Module Biodiversity of Exotic Fruits Plants of South Kalimantan based on STEM-PjBL for Phase E Students in Senior High School

Luthfiana Nurtamara*, Noorhidayati, Sri Amintarti

Corresponding Author: luthfiana.nurtamara@ulm.ac.id



The Development of Teaching Module Biodiversity of Exotic Fruits Plants of South Kalimantan based on STEM-PjBL for Phase E Students in Senior High School

Luthfiana Nurtamara^{1*}, Noorhidayati¹, Sri Amintarti¹

¹Biology Education, Faculty of Teacher Training and Education, Universitas Lambung Mangkurat, Banjarmasin, Indonesia.

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Corresponding Author:

Luthfiana Nurtamara

luthfiana.nurtamara@ulm.ac.id

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Abstract: The Merdeka curriculum implemented in Indonesian schools allows teachers to create, select and modify teaching modules according to the context and needs of the learners. This research was used to develop a biology teaching module by exploring the potential of plants biodiversity in South Kalimantan, especially exotic fruit plants using the syntax of STEM-Project Based Learning model. The biology teaching module development design was used the ADDIE model (Analysis, Design, Development, Implementation and Evaluation). The results of the development in the form of teaching modules that have three sub-topics namely 1) levels of biodiversity (genes, species, and ecosystems); 2) species diversity of exotic fruit flora of South Kalimantan and 3) Biodiversity conservation efforts. The Teaching Module has complete components consisting of general information, core components and attachments. Validity and feasibility tests involved 3 experts (biology teachers with more than 5 years of teaching experience) and 10 students from SMAN 7 Banjarmasin. Data analysis was done descriptively from validity and feasibility test data. The results showed that the developed product is feasible to use in the learning process of biodiversity of E phase students in class X with excellent and very valid categories.

Keywords: Exotic Fruit Plants; South Kalimantan; STEM-PjBL; Teaching Module

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 **Prof. Aris Doyan, M.Si., Ph.D** <jppipa@unram.ac.id> Mon, Oct 30, 2023, 8:46 AM ☆ ↶ ⋮
to me ▾

Luthfiana Nurtamara :-

Thank you for submitting the manuscript, "The Development of Teaching Module Biodiversity of Exotic Fruits Plants of South Kalimantan based on STEM-PJBL for Phase E Students in Senior High School : Pengembangan Modul Ajar Keanakeragaman Hayati Flora Eksotis Klaimntan Selatan Berbasis STEM-PJBL bagi Peserta Didik Fase SMA/MA" to Jurnal Penelitian Pendidikan IPA. With the online journal management system that we are using, you will be able to track its progress through the editorial process by logging in to the journal web site:

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If you have any questions, please contact me. Thank you for considering this journal as a venue for your work.

Prof. Aris Doyan, M.Si., Ph.D
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2) Revisi Naskah Jurnal

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[JPPIPA] Editor Decision

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Our decision is: Revisions Required

Jurnal Penelitian Pendidikan IPA (JPPIPA)

Reviewer's Attachments

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3) Naskah diterima

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[JPPIPA] Editor Decision

2024-03-10 10:58 AM

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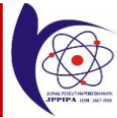
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No. IX-SpecialIssue-5882/JPPIPA/2023

Based on the results of a review conducted by the Journal of Research in Science Education (Jurnal Penelitian Pendidikan IPA, e-ISSN: [2407-795X](#) p-ISSN: [2460-2582](#)) editorial team, hereby declare that:

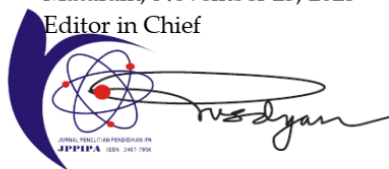
Author : Luthfiana Nurtamara, Noorhidayati, Sri Amintarti
Title : The Development of Teaching Module Biodiversity of Exotic Fruits Plants of South Kalimantan based on STEM-PjBL for Phase E Students in Senior High School
Decision : ACCEPTED
Date : November 23, 2023

The paper with the title above will be published in **Volume IX SpecialIssue, December 2023**

Thank you for your attention and cooperation.

Mataram, November 23, 2023

Editor in Chief



Jurnal Penelitian Pendidikan IPA
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3) Mengirimkan naskah jurnal setelah revisi

LUTHFIANA NURTAMARA <luthfiana.nurtamara@ulm.ac.id> to Editor
Dear Editorial JPPIPA Universitas Mataram

Thank you for reviewing our article titled "The Development of Teaching Module Biodiversity of Exotic Fruits Plants of South Kalimantan based on STEM-PjBl for Phase E Students in Senior High School". We attach the following revision result because of we cannot open the page of <https://jppipa.unram.ac.id/index.php/jppipa/index> (page not found). We are Finish our revision and we attach the revision article.

Best regards,
Luthfiana Nurtamara
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