

**KEANEKARAGAMAN CAPUNG DI LINGKUNGAN KAMPUS DALAM
PENGEMBANGAN LEMBAR KEGIATAN PESERTA DIDIK
PADA MATERI *ANIMALIA FILUM ARTHROPODA*
UNTUK TINGKAT SMA**

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ABSTRAK

Penelitian ini bertujuan untuk mengetahui perbedaan jumlah spesies dan kelimpahan capung di lingkungan kampus (Universitas Sumatera Utara, Universitas Negeri Medan dan Universitas Medan Area), mengetahui penilaian dari validator ahli materi, validator ahli desain, guru Biologi dan tanggapan siswa terhadap kelayakan pengembangan LKPD mengenai keanekaragaman capung di lingkungan kampus yang masuk ke dalam materi *Animalia*, khususnya *Filum Arthropoda*. Jenis penelitian ini menggunakan metode Penelitian & Pengembangan (*Research and Development*) yang menggunakan model pengembangan 4D oleh Thiagarajan, Semmel dan Semmel (1974) yang dimodifikasi sampai tahap Pengembangan (*Development*) pada uji kelompok terbatas. Subjek penilaian produk adalah siswa/siswi kelas XI-MIA SMAN 4 Medan. Dari hasil penelitian, diperoleh perbedaan jumlah spesies capung di lingkungan kampus, dengan perbandingan 9 spesies di USU, 5 spesies di Unimed dan 8 spesies di UMA. Sedangkan perbedaan kelimpahan capung diperoleh perbandingan 112 ekor di USU, 104 ekor di Unimed dan 70 ekor di UMA. Dari hasil uji kelayakan oleh validator, diperoleh rata-rata persentase penilaian sebesar 83,33% (Baik) oleh ahli materi; 87,50% (Sangat Baik) oleh ahli desain; 85,50% (Sangat Baik) oleh guru biologi dan 90,35% (Sangat Baik) dari tanggapan kelompok terbatas.

Kata Kunci : Keanekaragaman, Capung, Pengembangan, LKPD, *Animalia*

**DRAGONFLIES DIVERSITY IN THE CAMPUS ENVIRONMENT
IN THE DEVELOPMENT OF STUDENT ACTIVITY SHEETS
ON ANIMALIA PHYLUM ARTHROPODA MATERIAL
FOR SENIOR HIGH SCHOOL**

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ABSTRACT

This research aims to know the difference in number of species and abundance of dragonflies in the campus environment (University of North Sumatera, Medan State University and University of Medan Area), to know the assessment of the material expert validator, the design expert validator, biology teacher and student responses about the appropriateness of the development of student activity sheets about dragonflies diversity in the campus environment that goes into the material of the *Animalia*, Phylum *Arthropoda* in particular. This type of research using Research and Development methods that uses the 4D development model by Thiagarajan, Semmel Semmel (1974) and modified until the development phase in the limited test group. The subject of the assessment product are students of Class XI-MIA SMAN 4 Medan. From the results of research, retrieved the difference number of species of dragonflies in a campus environment in comparison with the 9 species in USU, 5 species in Unimed and 8 species in UMA. While the difference in abundance of dragonfly obtained comparison 112 in USU, 104 in Unimed and 70 in UMA. From the results of testing the appropriateness by the validator, the average percentage of obtained assessments of 83.33% (good) by the material; 87.50% (very good) by design; 85.50% (very good) by biology teacher and 90.35% (very good) from the limited group responses.

Keywords: Diversity, Dragonflies, Development, LKPD, *Animalia*

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