

Development of Soil Arthropods Learning Guides in The Biological Garden of FMIPA UNY

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ABSTRACT

Has done research on the development of soil arthropods learning guides at the biological garden of FMIPA UNY. This research aims to develop of soil arthropods learning guides and knowing the quality of the resulting learning guides.

This type of research was a research and development (R and D) with a development model used is ADDIE (analysis, design, development, implementation, and evaluation). This research instrument in the form of sheets of validation by an content expert, media experts, and biology teacher. Test study guide done at grade X MAN I. The data analyzed are descriptive research results based on the score the achievement of each category.

Successfully arranged soil arthropods learning guides in the biological gardens of FMIPA UNY for use high school students/class X MA. Result of expert review of material obtained 100% of the concept of knowing arthropods correctly, 100% concept of soil arthropods collection techniques are true, and 95% concept of the identification and classification of soil arthropods was right. The results of the expert review of the media obtained the highest score on the good category of 23. Biology teacher review results obtained the highest scores good and excellent of 16. Student response score highest on the category of 183 agrees stating that the soil arthropods learning guides in the biological garden of FMIPA UNY is easy to use.

Kata Kunci: *learning guides, soil arthropods, the biological gardens*