

ABSTRACT

*Learning media is very important for the learning and teaching process. Teachers often use learning media as an intermediary to convey material so that students understand it. Teachers can use many learning resources, one of which is an encyclopedia. An encyclopedia is one of the reference sources in print form equipped with writings and pictures that play a role in conveying what information the author wants to convey. The purpose of the study was to find out how the results of the validation of research-based encyclopedia learning media (identification of pollinating insects in robusta coffee plants (*Coffea canephora*) and to find out what the morphological characteristics of pollinating insects in robusta coffee plants were. The type of research used is Research and Development with a 4D development model that has been modified into 3D, namely Define, Design, and Develop. Meanwhile, the research on the identification of pollinating insects is a qualitative descriptive research with a transect method using Sweep net, Yellow trap, and Light trap. The results of the pollinator insect identification research showed that in total 4 orders, 7 families, 7 genera, and 8 species were found. The assessment of the validation of the encyclopedia media by media, material and language experts has an average score of 90.8% so that it is concluded that the development of an encyclopedia based on research on the identification of pollinating insects in robusta coffee plants (*Coffea canephora*) is categorized as very valid but has not been practically tested on students in teaching and learning activities.*

Keywords: *Learning Media, Encyclopedia, Identification, Pollinating Insects*