ABSTRACT

Biodiversity is material that is quite difficult to study because it discusses diversity at the gene, type and ecosystem level as well as the use of scientific names for living things. These difficulties can be overcome by choosing interesting learning media such as e-pocket books. E-pocket books are able to present material concisely, are easy to carry, and attract students' interest in learning. This research aims to determine the species of the Zingiberaceae family in Banuayu village and determine the level of validity of the e-pocket book identification of the Zingiberaceae family in Banuayu village. This type of research is Research and development (R&D) with a 4-D development model which only goes through three stages due to limited time, and identification of the Zingiberaceae family using the exploration method. The results of the research show that there are 10 species of the Zingiberaceae family consisting of bangle (*Zingiber montanum* (J. Konig) Link ex A. Dietr), galangal (*Kaempferia galanga* L.), white turmeric (*Curcuma zedoaria* (Christm.) Roscoe), yellow turmeric (*Cucurma longa* L.), red galangal (*Alpinia purpurata* (Vieill.) K.Schum), white galangal (*Alpinia galanga* (L.) Willd.), white ginger (*Curcuma zedoaria* (Christm.) Roscoe), red ginger (*Zingiber officinale* Roscoe), combrang (*Etlingera elatior* (Jack) R.M.Sm.), and ginger (*Curcuma zanthorrhiza* Roxb.). The media expert validation results with the average assessment from the three validators were 91% and categorized as very valid. So it is concluded that the e-pocket book media is very valid and can be used by students in the learning process.

Keywords: Banuayu Village, E-Pocket Book, Identification, Zingiberaceae