ABSTRAK

Yuliana Santi Kudu, 2023 " Inventarisasi *Family Moraceae* Berupa E-Katalog Di Kawasan Konservasi P-Wec Kabupaten Malang Sebagai Sumber Belajar Ipa". Program Studi Pendidikan Biologi, Program Sarjana Universitas Tribhuwana Tunggadewi Malang,. Pembimbing: 1 Riantina Fitra Aldya, S.Pd., M.Pd. Pembimbing: 2 Yuswa Istikomayanti, S.Si., S.Pd., M.Pd.

Pengembangan media pembelajaran e-katalog pada tumbuhan moraceae sebagai sumber belajar IPA. Dilatar belakangi 1) minimnya informasi terkait tumbuhan moraceae di kawasan P-wec. 2) dibutuhkan sumber belajar tambahan diperpustakaan sekolah. Maka diperlukan media pembelajaran yang efektif yang dapat mempermudah atau membatu untuk menginventarisasi family moraceae itu sendiri. Tujuan penelitian ini 1) untuk mengetahui keanekaragaman tumbuhan family moraceae, 2) untuk mengetahui kevalidan sumber belajar e-katalog pada tumbuhan family moraceae.

Penelitian ini ada dua yaitu; penelitian tahap 1 merupakan penelitian deskriptif eksplorasi dan penelitian tahap 2 merupakan penelitian pengembangan (ADDIE) Dick & Carrey yang dibatasi beberapa tahap saja. Tahap-tahap tersebut meliputi: 1) tahap analisis, 2) tahap desain, 3) tahap development. Instrumen pada penelitian ini menggunakan angket dan wawancara. Angket ditujukan kepada validator ahli media, mater, ahli pengguna praktisi guru IPA, P-wec serta subjek uji coba yaitu peserta didik yang berjumlah 11 orang di kelas VIII di SMP PGRI 01 Dau Malang.

Hasil validasi oleh ahli media terhadap media e-katalog memperoleh rata-rata persentase sebesar 93,5% masuk dalam kategori "sangat valid". Hasil validasi ahli materi memperoleh rata persentase sebesar 84,6% masuk dalam kategori "sangat valid" hasil validasi guru IPA memperoleh rata-rata persentase sebesar 91,2% masuk dalam kategori "sangat valid". Validasi pengguna P-wec memperoleh rata-rata persentase sebesar 92,7% masuk dalam kategori "sangat valid" dan hasil tanggapan peserta didik memperoleh rata-rata persentase sebesar 88,5% masuk dalam kategori " sangat valid"

kata kunci: Inventarisasi tumbuhan Family moraceae. E-katalog. sumber belajar IPA

ABSTRACT

Yuliana Santi Kudu, 2023 "Inventory of *the Moraceae Family* in the form of an e-catalog in the P-Wec conservation area of Malang Regency as a source of IPA learning". Biology Education Study Program, Undergraduate Program of Tribhuwana Tunggadewi University Malang,. Supervisor: 1 Riantina Fitra Aldya, S.Pd., M.Pd. Supervisor: 2 Yuswa Istikomayanti, S.Si., S.Pd., M.Pd.

Development of e-catalog learning media on moraceae plants as a source of science learning. Background: 1) the lack of information related to moraceae plants in the P-wec area. 2) Additional learning resources are needed in the school library. So effective learning media are needed that can make it easier or petrified to inventory the moraceae family itself. The purpose of this study is 1) to determine the diversity of plants of the family moraceae, 2) to determine the validity of e-catalog learning resources in plants of the family moraceae.

There are two studies in this study, namely; Phase 1 research is exploratory descriptive research and phase 2 research is Dick & Carrey development research (ADDIE) which is limited to several stages. These stages include: 1) analysis stage, 2) design stage, 3) development stage. The instruments in this study used questionnaires and interviews. The questionnaire was addressed to validators, media experts, maters, experts, practitioners, science teachers, P-wec, and test subjects, namely 11 students in grade VIII at SMP PGRI 01 Dau Malang.

The results of validation by media experts on e-catalog media obtained an average percentage of 93.5% included in the "very valid" category. The results of material expert validation obtained an average percentage of 84.6% included in the "very valid" category, the results of science teacher validation obtained an average percentage of 91.2% included in the "very valid" category. P-wec user validation obtained an average percentage of 92.7% included in the "very valid" category and the results of student responses obtained an average percentage of 88.5% included in the "very valid" category

keywords: Plant inventory Family moraceae. E-catalog. Science learning resources