

ABSTRAK

Ratnasari, Romi Dewi. 2017. *Pengembangan Mature (Majalah Tumbuhan Rendah) Sebagai Bahan Ajar Pada Mata Pelajaran Biologi Materi Kingdom Plantae Kelas X IPA SMA Muhammadiyah 3 Jember.* Skripsi, Program Studi Pendidikan Biologi, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Muhammadiyah Jember.
Pembimbing : (1) Ika Priantri, S.Si, M.Pd (2) Ari Indriana Hapsari, M.Si.

Kata Kunci: *Mature* (Majalah Tumbuhan Rendah), Bahan Ajar, Kingdom Plantae,

Berdasarkan studi pendahuluan di kelas X IPA SMA Muhammadiyah 3 Jember didapatkan informasi bahwa pada saat proses pembelajaran buku pegangan siswa hanya buku paket yang dipinjamkan oleh pihak sekolah dan tidak semua siswa memiliki LKS (Lembar Kerja Siswa) karena harus membeli secara pribadi. Tulisan dan gambar yang terdapat didalam LKS (Lembar Kerja Siswa) dominan hitam putih sehingga siswa mudah merasa bosan. Hal tersebut berdampak pada hasil belajar siswa yang kurang maksimal. Diperpustakaan sekolah juga masih jarang terdapat bahan ajar berupa majalah yang berisi materi biologi. Salah satu solusi untuk mengatasi permasalahan terbut adalah dengan mengembangkan bahan ajar berupa *Mature* (Majalah Tumbuhan Rendah) sebagai bahan ajar pada mata pelajaran biologi materi kingdom plantae kelas X IPA SMA Muhammadiyah 3 Jember.

Tujuan penelitian pengembangan ini adalah untuk mengembangkan, menghasilkan dan mengetahui kevalidan atau kelayakan “*Mature* (Majalah Tumbuhan Rendah) sebagai bahan ajar pada mata pelajaran biologi materi kingdom plantae kelas X IPA SMA Muhammadiyah 3 Jember”.

Jenis penelitian ini merupakan penelitian pengembangan (*Research and Development*). Model penelitian dan pengembangan ini mengacu pada pengembangan IDI (*Instructional Development Institute*) yang terdiri dari 3 tahapan, yaitu penentuan (*define*), pengembangan (*develop*) and evaluasi (*evaluate*). Penilaian uji validasi ahli dilakukan oleh ahli materi, ahli media, ahli bahasa, ahli pengguna dan *peer reviewer*, sedangkan uji coba terbatas melibatkan subyek coba siswa sebanyak 10 orang siswa kelas X IPA 4 SMA Muhammadiyah 3 Jember.

Hasil analisis skor rata-rata penilaian ahli materi, ahli media, ahli bahasa skor nilai rata-rata keseluruhan 4 dengan kriteria valid, untuk ahli pengguna skor nilai rata-rata 4 dengan kriteria valid, sedangkan untuk *peer reviewer* (penilaian sejawat) skor nilai rata-rata 4 dengan kriteria valid. Berdasarkan kriteria kevalidaan menunjukkan bahwa *Mature* (Majalah Tumbuhan Rendah) yang dihasilkan memiliki interpretasi valid secara keseluruhan serta dapat digunakan dengan revisi kecil. Hasil uji coba keterbacaan dan tingkat kesulitan menunjukkan bahwa *Mature* (Majalah Tumbuhan Rendah) mudah terbaca dengan baik serta respon siswa yang memberikan respon positif terhadap *Mature* (Majalah Tumbuhan Rendah) yang dikembangkan lebih dari 80%.

ABSTRACT

Ratnasari, Romi Dewi. 2017. The development of the Mature (Low Plant Magazine) as learning materials on the Subjects of biology Material Kingdom Plantae Class X IPA SMA Muhammadiyah 3 Jember. Thesis, Biology Education, Faculty of teacher training and educational sciences, Muhammadiyah University of Jember.
Supervisor: (1) Ika Priantari S.Si, M. Pd (2) Ari Indriana Hapsari, M.Si.

Keywords: Mature (Low Plant Magazine), Learning Materials Kingdom Plantae.

Based on the preliminary studies in class X Science High School Muhammadiyah 3 Jember obtained information that at the time the learning process Student Handbook packages only loaned by the school and not all students have Worksheet students because they have to buy in person. Writings and drawings contained in the Student Worksheet dominant in black and white so that students are easily bored. These things have an impact on student learning outcomes are insufficient. In the library school is also a rarity there are learning materials in the form of biological material containing the magazine. One of the solutions to overcome these problems is to develop learning materials in the form of Mature (Low Plant Magazine) as learning materials on the subjects of biology material kingdom plantae class X IPA SMA Muhammadiyah 3 Jember.

The purpose research objectives of this development is to develop, produce and know validation or the feasibility "of the Mature (Low Plant Magazine) as learning materials on the subjects of biology material kingdom plantae class X IPA SMA Muhammadiyah 3 Jember".

This type of research is research development (Research and Development). The model research and development refers to the development of the IDI (Instructional Development Institute) which consists of three stages, namely to define, develop and evaluate. Expert validation test assessment carried out by the expert content, media experts, linguists, expert users and peer reviewers, while limited trials involving as many as 10 students are trying to subject students of class X 4 IPA SMA Muhammadiyah 3 Jember.

The results of the analysis of the average score expert assessment material, media experts, linguists score overall average value of 4 with valid criteria, for the expert user score average value of 4 with valid criteria, as for the peer reviewer (colleague assessment) score an average rating of 4 with valid criteria. Based on the criteria of validation showed that the Mature (Low Plant Magazine) has generated valid interpretation as a whole and can be used with minor revisions. Results of testing the readability and difficulty level indicates that the Mature (Low Plant Magazine) readable by both as well as the response of the students gave positive response towards the Mature (Low Plant Magazine) developed more than 80%. Advanced product development suggestions: (1) for the development of advanced products need to know the effectiveness and influence of the Mature (Low Plant Magazine).