

## ABSTRAK

**LETTI NAINGGOLAN:** Pengembangan Buku Nonteks Karakterisasi Tumbuhan Kantong Semar (*Nepenthes* sp.) di Sumatera Utara. Tesis. Medan: Program Pascasarjana Universitas Negeri Medan, Nopember 2019.

Penelitian ini bertujuan menghasilkan produk buku nonteks tentang tumbuhan kantong semar (*Nepenthes* sp.) di Sumatera Utara yang layak ditujukan kepada masyarakat umum dengan tingkat pendidikan minimal strata satu (S1). Meskipun begitu, buku nonteks yang dikembangkan dapat digunakan oleh berbagai kalangan dan jenjang pendidikan. Jenis penelitian ini adalah penelitian dan pengembangan (R and D). Hasil penelitian lapangan digunakan untuk mengembangkan produk buku. Model pengembangan yang digunakan dalam penelitian ini adalah model pengembangan Thiagarajan (4D) yang terdiri atas tahap pendefinisian, perancangan, pengembangan dan penyebaran. Buku nonteks yang dikembangkan divalidasi berdasarkan aspek materi dan penyajian oleh validator ahli materi dengan masing-masing rata-rata nilai 85,71 dan 90, tergolong kategori layak. Selanjutnya aspek bahasa buku divalidasi oleh ahli bahasa dengan rata-rata nilai 96 dan tergolong kategori layak. Begitu juga aspek kegrafisan buku divalidasi oleh ahli desain layout dan memperoleh rata-rata nilai 83,47, tergolong kategori layak. Hasil uji coba terbatas buku kepada 20 orang masyarakat umum memperoleh rata-rata nilai 85,11, tergolong kategori layak. Buku yang telah layak diuji penggunaannya kepada 36 masyarakat umum. Hasil uji gain diperoleh total skor gain sebesar 21,17 dengan rata-rata 0,59, tergolong kategori sedang. Hasil uji  $t$  nilai pretest dan posttest memperoleh  $t_{hitung} (0,00) < t_{tabel} (0,05)$ . Dapat disimpulkan bahwa penggunaan buku nonteks yang dikembangkan efektif dalam meningkatkan pengetahuan masyarakat umum tentang tumbuhan kantong semar di Sumatera Utara dengan perbedaan nilai pretest dan posttest secara signifikan.

**Kata kunci:** buku nonteks, *Nepenthes* sp., pengembangan.

## ABSTRACT

**LETTI NAINGGOLAN:** Non-Text Book Development of Pitcher Plants (*Nepenthes* sp.) Characterization in North Sumatra. Thesis. Medan: Postgraduate Program. State University of Medan, November 2019.

This study aimed to produce a non-textbook product of pitcher plants (*Nepenthes* sp.) in North Sumatra that deserves addressed to the general public with a minimum bachelor level (S1). Even so, non-textbooks developed can be used by various groups and levels of education. This research type was research and development (R and D). The results of field research were used to develop book products. The development model used in this study was Thiagarajan (4D) model which consisting of define, design, develop and disseminate stages. The non-textbooks were validated based on the material and presentation aspects material expert with each average value of 85.71 and 90, classified as feasible category.

Then, book language aspect was validated by linguists with an average value of 96 and classified as feasible category. Likewise, the graphic aspect of the book was validated by the layout design expert and obtained an average value of 83.47, which was classified as a feasible category. The results of book's limited trial to 20 general people obtained an average value of 85.11, classified as a feasible category. The book that has been feasible then disseminated and tested for use by 36 general public. The gain test results obtained a total gain score of 21.17 with an average of 0.59, classified as a medium category. The test results of the pretest and posttest values obtained  $t_{\text{count}} (0.00) < t_{\text{table}} (0.05)$ . It can be concluded that the book was developed effectively to increase public knowledge about *Nepenthes* sp. in North Sumatra with pretest and posttest scores differences significantly.

**Keywords:** non-text books, *Nepenthes* sp., development.