ABSTRAK

Ave C.R. Sagala, NIM. 4183141044 (2022) Analisis Kemampuan Literasi Sains Dan Metakognitif Mahasiswa Pendidikan Biologi Mata Kuliah Evolusi Pada Masa Pandemi Covid-19 Di Unimed Tahun Akademik 2021/2022.

Penelitian ini bertujuan untuk mengetahui kemampuan literasi sains dan metakognitif mahasiswa pendidikan biologi mata kuliah evolusi pada masa pandemi covid-19 di Unimed Tahun Akademik 2021/2022. Sampel yang diambil dengan menggunakan teknik *total sampling* yaitu keseluruhan mahasiswa pendidikan biologi FMIPA Unimed sebanyak 140 mahasiswa. Teknik pengumpulan data yang digunakan adalah tes kemampuan literasi sains berupa essay dan instrument non tes kemampuan metakognitif berupa angket. Data dianalisis deskriptif kuantitatif dengan mendeskripsikan jawaban responden yang terkait penelitian mengenai kemampuan literasi sains dan metakognitif mahasiswa. Hasil penelitian menunjukkan bahwa kemampuan literasi sains mahasiswa Pendidikan Biologi pada mata kuliah Evolusi selama masa Pandemi Covid-19 di Unimed Tahun Akademik 2021/2022 termasuk dalam kategori cukup dengan nilai rata-rata sebesar 54,91. Kemampuan metakognitif mahasiswa Pendidikan Biologi pada mata kuliah Evolusi selama masa Pandemi Covid-19 di Unimed Tahun Akademik 2021/2022 termasuk dalam kategori baik dengan nilai rata-rata sebesar 73,74.

Kata Kunci: literasi sains, metakognitif, mata kuliah evolusi.

ABSTRACT

Ave Crisan Rouli Sagala, NIM. 4183141044 (2022) Analysis of Science and Metacognitive Literacy Skills for Evolutionary Biology Education Students During the Covid-19 Pandemic At Unimed Academic Year 2021/2022.

This study aims to determine the scientific and metacognitive literacy skills of biology education students in the evolution course during the covid-19 pandemic at Unimed in the 2021/2022 academic year. Samples were taken using a total sampling technique, namely all 140 students of biology education FMIPA Unimed. The data collection technique used was a scientific literacy ability test in the form of an essay and a non-metacognitive ability test instrument in the form of a questionnaire. The data obtained were analyzed using quantitative descriptive data analysis techniques, namely by describing the respondents answers related to research on students scientific literacy and metacognitive abilities. The results showed that the scientific literacy skills of Biology Education students in the Evolution course during the Covid-19 Pandemic at Unimed in the 2021/2022 academic year were included in the less category with an average score of 54,91%. In terms of metacognitive abilities, Biology Education students in the Evolution course during the Covid-19 Pandemic at Unimed in the 2021/2022 Academic Year were include in the good category with an average score of 73,74%.

Keywords: Scientific literacy, metacognitive, evolution course.