

ANALYSIS OF STUDENT LEARNING DIFFICULTIES IN PLANT MATERIALS (*Pteridophyta*) IN CLASS Xth GRADE STUDENT OF SMA NEGERI 1 SUNGGAL YEAR 2016/2017

MARIA ANJELINA SINAGA (4133341040)

ABSTRACT

The purpose of the research is to determine the level of difficulty of students learning on the subject matter of Nail Plants (*Pteridophyta*) which viewed from the cognitive, learning indicators and causal factors. The method used is descriptive quantitative. Population in research is all students of class X IPA SMA Negeri 1 Sunggal. The samples of the study were taken in a total sampling of 179 students. The research instrument is a diagnostic test in the form of objective test and questionnaire. Data were analyzed by percentage technique. The results showed that: (1) the percentage of students' learning difficulties in each aspect of cognitive knowledge (C1) of 41.53% included in the High difficulty category. Understanding (C2) of 50.56% is included in the category of very high difficulty. Application (C3) of 56.61% included in the category of difficulty very tinggi. Analysis (C4) of 57.99% included in the category of very high difficulty. Evaluation (C5) of 59.40% included in the category of very high difficulty, and Creative (C6) of 62.57% included in the category of very high difficulty; (2) percentage of learning difficulties of each indicator about the subject matter of nail plants (*Pteridophyta*) include: the indicator to identify the body structure of nail plant of 53.80% included in very high category, the distinguishing indicator of *pterydophyta* structure with other plants is 58.80% Category is very high, the indicator classify nail plants into a certain class of 35.10% included in the medium category, the indicator explains the life cycle of nail plants of 53.35% included in very high category, and the indicators explain the benefits of nail plants for life of 61, 31% are included in very high category, and (3) the factors included in the categories that hamper the students in the study of nail plant material are health, intelligence, interest, motivation, psychiatry, family environment, school, subject matter, and media.

Keywords: Cognitive aspects, Aspects of indicators, Difficulty learning, *Pteridophyta*