

## ABSTRACT

**Lutriana Khoirunnisa, 2021. Identification of the Diversity of Fern Species in the Taman Buru Gunung Masigit Kareumbi, Cicalengka. Advisor one Dr. Yusuf Ibrahim, M.Pd., M.P. and two supervisors Gurnita, S.Si., M.P.**

The research entitled "**Identification of the Diversity of Fern Species in the Taman Buru Gunung Masigit Kareumbi, Cicalengka**" is based on the background that several forest areas or conservation areas of living natural resources in Indonesia are used as tourism and recreational objects, resulting in urgency of land that can produce several types of ferns flora in the area. As well as data on the diversity of fern species in the Taman Buru Gunung Masigit Kareumbi (TBGMK) which has not yet been developed which allows for new species that have not yet become or vice versa, namely there are species that do not exist in the area, part of the TBGMK area is developed as a natural tourism area. The purpose of this study was to determine the types of ferns in Taman Buru Gunung Masigit Kareumbi. The method used in this study is a qualitative description with the design of the transect belt. Long line of transect which is used about 100 meters, every 10 meters is a 10x10 meter quadrant. The results of the study include eight different kinds of cuneiform found in 5 families and 7 genus species include *Phegopteris connectilis*, *Cyclosorus heterocarpus*, *Cyathea latebrosa*, *Cyathea sp.*, *Diplazium proliferum*, *Athyrium sp.*, *Pteris fauriei*, dan *Drynaria quercifolia*.

**Keywords:** *Identification, Taman Buru Gunung Masigit Kareumbi, Fern Plant.*