

## ***ABSTRACT***

### ***SPECIES BIODIVERSITY IN THE AVES CLASS IN CIKOLE VILLAGE AREA, WEST BANDUNG DISTRICT***

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Birds are an interesting species to study with various characteristics. Research on birds is currently needed, as there has been a decline in some bird species due to hunting. Thus the decline in bird populations indirectly affects the ecological balance and conservation, so conservation is needed. This study aims to determine the types of Aves that exist in Cikole Village, Cikole District, West Bandung Regency, the dominant species, as well as the category and index value of species diversity in the Aves class in Cikole Village, Cikole District, West Bandung Regency. The method used is point count and the tools used include DSLR cameras, tripods, stationery, watches, cellphones, lux meters, hygrometers, thermometers and field guide books. This research was conducted for four days starting from June 22 to June 25, 2021. The results showed that the total species found were 21 species from 14 families, namely *Passer montanus*, *Collocalia vestita*, *Lonchura leucogastroides*, *Pycnonotus aurigaster*, *Hydronchous gigas*, *Apus nipalensis*, *Asruslocalia esculenta*, *Hirundo rustica*, *Hirundo tahitica*, *Gergone sulphurea*, *Muscicaoa latirostris*, *Cocomantis merulinus*, *Streptopelia chinensis*, *Streptopelia decaocto*, *Hemipus hirundinaceus*, *Eudynamis scolopacea*, *Mimus polypsionthoventris*, *Halgites*. The species diversity index in the Aves class in Cikole Village is 1,943 which is classified as medium diversity. The most dominant species found is the Javan Bondol. The dominant species is considered as the common species inhabiting the area. This habitat is the right habitat for this type of bird because it meets the bird's needs for eating, nesting, and breeding. Continuous research needs to be done in order to know the population and its species diversity on a regular basis.

**Keywords:** Diversity, Aves Class, Cikole Village