

ABSTRACT

THE DIVERSITY OF BIRDS IN THE CULTIVATED AREA OF FAJAR BARU VILLAGE PAGELARAN UTARA SUB-DISTRICT PRINGSEWU DISTRICT

BY

RAHMADI PAMUNGKAS

Fajar Baru Village North Pagelaran Sub-District of Pringsewu District has cultivation area which was a natural habitat of birds. One of the bird habitat was in the open area just like a yard or unattended area that sprouted up by kind of the fruit trees. The vegetation that exist in the Fajar Baru Village cultivation areas become one of birds habitat because it has so many woof source. The birds protection and conservation efforts, not only done at conservation areas, but also could be applied in cultivation area. The information limit about birds species data from Fajar Baru Village cultication areas made this study become important to be done. The research aimed to know the diversity of the bird species in the cultivation area of Fajar Baru Village Sub-District of Pringsewu District Lampung Province, during September 2014 using Point count method on three points in the observation location. The results of bird diversity research were found 27 species of birds from 15 families ($N = 2620$) and the diversity index values was classified as medium on PC 1; PC 2; PC 3 about ($H' = 2.772$); ($H' = 2.995$); ($H' = 2.708$), the similarity index classified as stable on PC1; PC2; PC 3 that ($J' = 0.839$); ($J' = 0.801$); ($J' = 0.879$) with 8 protected species (PP No.7 / 1999) blue-eared kingfisher (*Alcedo Meninting*), cerulean kingfisher (*Alcedo coerulescens*), colared kingfisher (*Todirhompus chloris*), white-throated kingfisher (*Halcyon smyrnensis*), plain sunbirds (*Anthreptes simplex*), olive-backed sunbird (*Nectarinia jugular*), brown-throated sunbird (*Anthreptes malacensis*), bondol eagle (*Haliastur Indus*); and only one species include on Appendix II category of CITES (2012) Bondol eagle (*Haliastur Indus*).

Keywords: biodiversity, birds, cultivation area, point count, Pringsewu.