ABSTRACT

BIRDS DIVERSITY IN KPHL MANGROVE FOREST AREA
GUNUNG BALAK MUARA SEKAMPUNG RESORT
EAST LAMPUNG REGENCY

BY
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Mangrove Forest Area KPHL Gunung Balak Muara Sekampung Resort East Lampung Regency is important habitat for birds so it needs to be conserved. The diversity of bird species in that area is the basis of the research. Mangrove Forest Area Muara Sekampung Resort is an area which has differences is communities. Some lands have been converted to the pond areas, while the others are natural mangrove. To determine the diversity of bird species in those two communities, the research was conducted using count point and transect method. The observation was conducted in silence on count point and recorded the birds encountered. There were 6 count points at each community taken by 9 days observations for each count point. The population data obtained was used to calculate the diversity index & equality index of Shannon-Winner. The result of this research showed that there were 40 bird species with total of 1,285 individuals. There are 35 species of birds at pond with total of 579 individuals and 21 species of birds at mangroves area with total of 706 individuals. The mangroves forest which has become pond diversity index of 2,881 with equility index of 0,810. The natural mangroves forest which has diversity index of 2,445 with equality index of 0,803, which it’s stabile condition. The equality value among both communities is 0,571, which means there are many similar species at both habitats.

Key Words: Bird, Species Diversity, Mangrove Forest, Muara Sekampung Resort