

## ABSTRACT

**Claudine Maturan Ching “AVIFAUNAL DIVERSITY IN KAWA-KAWA MT. HAMIGUITAN RANGE WILDLIFE SANCTUARY BARANGAY MAPUTI SAN ISIDRO DAVAO ORIENTAL”.** (Undergraduate Thesis). Institute of Agriculture and Life Sciences. Davao Oriental State College of Science and Technology. June 2018.

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This study was conducted to assess the diversity of birds in Mount Hamiguitan Range Wildlife Sanctuary, Brgy. Maputi, San-Isidro, Davao Oriental, Philippines. The study was conducted for six days on January 23-30, 2018. This area is located within Sitio Tibanga, Barangay Maputi, San-Isidro, Davao Oriental, Philippines. The sampling area employed three sites with the use of three methods, the transect walk, point-count and mist netting. It gathered a total of 46 species with 194 individuals. Out of the 22 families, family Dicaeidae and Muscicapidae were the most dominant with six species followed by family Columbidae and Cuculidae with four species. In terms of species richness, S1 has the highest (2.91) followed by S3 (3.17) and S2 (3.66). Among the species, the Philippine Bulbul (*Hypsipetes philippinus*) that belonged to family Pycnonotidae and order Passeriformes has the highest abundance with a total of 35 individuals from S1 (29 individuals), S2 (3 individuals), and S3 (3 individuals). Among the 46 species identified, 24 of them are endemic, one near-threatened species the (*Pachycephala leucogastra*) and one endangered (*Penelopides panini*). Shannon-Weiner Diversity index in all sites was 2.92 and the species richness in all sites was 3.25 that indicating a high diversity.