

**FARDIANA R SALEH. 04341811007. KEANEKARAGAMAN JENIS
BURUNG DI DESA SAMSUMA KECAMATAN PULAU MAKIAN
KABUPATEN HALMAHERA SELATAN**

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RINGKASAN

Desa Samsuma didominasi oleh habitat kebun campuran dan habitat pemukiman. Vegetasi yang terdapat pada kebun campuran tergolong cukup beragam seperti pala, cengkeh, mangga, kenari. Kebun campuran dan pemukiman dapat dijadikan sebagai habitat alternatif bagi burung. Tujuan penelitian ini untuk menganalisis habitat di Desa Samsuma Kecamatan Pulau Makian dan menganalisis keanekaragaman jenis burung pada habitat kebun campuran habitat pemukiman di Desa Samsuma Kecamatan Pulau Makian. Penelitian ini dilaksanakan di bulan April sampai Mei 2022. Metode yang digunakan yaitu metode kombinasi titik hitung dan jalur (*point count*). Pengamatan burung diurnal (burung yang aktif disiang hari) dilakukan pada pukul 06:00-09:00 WIT. Panjang jalur pengamatan yaitu 2000 m dengan jarak antar titik 100 m dan radius pengamatan adalah 50 m. Hasil pengamatan menunjukkan suhu rata-rata di habitat permukiman adalah 28°C dan kelembapan udara relatif 84%. Kadar pH tanah yaitu 5,0 dan kelembapan tanah 00%. Sementara itu, di habitat kebun campuran memiliki suhu rata-rata 29°C dengan kelembapan udara relative 84%. Kadar pH tanah yaitu 6,0 dan kelembapan tanah 45%. Total jenis burung di kedua lokasi penelitian yaitu 24 jenis burung dari 19 famili. Nilai Indeks H' burung pada kedua lokasi penelitian yaitu 2,641 dan nilai kemerataan yaitu 0,83. Sementara itu, pada masing-masing lokasi pengamatan, Keanekaragaman burung tertinggi yaitu di habitat pemukiman ($H'=2,208$), dengan nilai kemerataan 0,85. Sedangkan keanekaragaman burung terendah terdapat pada habitat kebun campuran ($H'=2,253$) dengan nilai kemerataan 0,87.

Kata Kunci : Habitat Kebun Campuran, Habitat Permukiman, Keanekaragaman burung, Desa Samsuma

**FARDIANA R SALEH. 04341811007. DIVERSITY OF BIRD SPECIES IN
SAMSUMA VILLAGE, MAKIAN ISLAND DISTRICT, SOUTH
HALMAHERA REGENCY**

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SUMMARY

Samsuma village is dominated by mixed garden habitat and residential habitat. The vegetation found in mixed gardens is quite diverse, such as nutmeg, cloves, mango, walnuts, etc. Mixed gardens and settlements can be used as alternative habitats for birds. The purpose of this study was to analyze the habitat in Samsuma Village, Makian Island District and analyze the diversity of bird species in mixed garden habitats of residential habitat in Samsuma Village, Makian Island District. This research was conducted from April to May 2022. The method used is a combination of point count and point count. Diurnal bird observations are carried out at 06:00-09:00 WIT. The length of the observation path is 2000 m with a distance between points of 100 m and the observation radius is 50 m. The results show that the average temperature in residential habitats is recorded to be between 28°C and 84% humidity. Soil pH levels are 5.0 and soil moisture is 00%. Meanwhile, in mixed garden habitats, the temperature is the average is 29°C with 84% humidity. Soil pH levels are 6.0 and soil moisture is 45%. Total bird species in the two research sites are 24 bird species from 19 families. H' index value of birds at both research sites is 2.641 and The evenness value was 0.83. Meanwhile, at each observation location, the highest bird diversity was in the Settlement Habitat (H'=2.208), with an evenness value of 0.85. While the lowest bird diversity was found in t in mixed garden habitat (H'2,253) with an evenness value of 0.87.

Keywords : Mixed Garden Habitat, Settlement Habitat, Bird Diversity, Samsuma Village