



INTISARI

Penelitian ini bertujuan mengidentifikasi jenis tanaman dan keanekaragaman tanaman pekarangan secara vertikal dan horizontal di kecamatan Sedayu dan menganalisis perubahan jenis tanaman dan keanekaragaman tanaman pekarangan tahun 1979 dan 2018 di kecamatan Sedayu. Data jumlah tanaman pekarangan tahun 1979 mengacu pada laporan survei Danoesastro 1979. Pengambilan data jumlah tanaman tahun 2018 dilaksanakan pada September-Desember 2018 di Argomulyo dan Argorejo, Sedayu, Bantul, Daerah Istimewa Yogyakarta. Data diambil dengan metode survei dan wawancara tentang tanaman pekarangan berdasarkan kategori luas pekarangan menurut Arifin (1998) dengan lokasi sebagai ulangan. Keanekaragaman tanaman pekarangan 1979 dan 2018 dianalisis menggunakan uji T, indeks keanekaragaman, dan indeks pemerataan. Keragaman tanaman secara vertikal pada pekarangan kecamatan Sedayu, semakin luas pekarangan maka tanaman strata I mengalami penurunan jumlah tanaman sedangkan pada tanaman strata IV dan V semakin luas pekarangan jumlah tanaman semakin meningkat dan keanekaragaman horizontal pada tanaman buah, tanaman industri dan tanaman lain jumlah tanaman mengalami peningkatan jumlah tanaman pada pekarangan yang luas. Indeks keanekaragaman (H') tanaman pekarangan kecamatan sedayu pada 1979 berkategori sedang (2,28) sementara pada 2018 berkategori rendah (0,70). Indeks pemerataan (E) pada 1979 berkategori merata (0,72) sementara pada 2018 berkategori tidak merata (0,14).

Kata kunci: keanekaragaman, pekarangan, tanaman, Sedayu.



ABSTRACT

This research was aimed to identify home garden's plant types and diversities both vertically and horizontally in Sedayu sub-district. It was also aimed to analyze plant type preference shift and home garden's plant diversities between 1979 and 2018 in Sedayu sub-district. The number of home garden's plants in 1979 refers to Danoesastro (1979) survey report. Data collection on the number of plants in 2018 was carried out in September-December 2018 in Argomulyo and Argorejo, Sedayu, and Bantul, Special Region of Yogyakarta. The data was collected using survey and interview methods about home garden's plant based on home garden area according to Arifin (1998) with location as replication. Home garden's plant diversity in 1979 and 2018 were analyzed using t-test, diversity index, and evenness index. Based on vertically plant diversity, wider home garden's area tends to have a smaller number of Strata I plants and a greater number of Strata IV or V plants. Meanwhile, based in horizontal plants diversity of fruit plants, industrial plants, and other plants, wider home garden's area tends to have a greater number of plants. Home garden's Diversity Index (H') in 1979 is categorized (2,28) while in 2018 is categorized as low (0,7). Evenness Index in 1979 is categorized as even (0,72) while in 2018 is categorized as uneven (0,14).

Keywords: diversity, home garden, plants Sedayu