

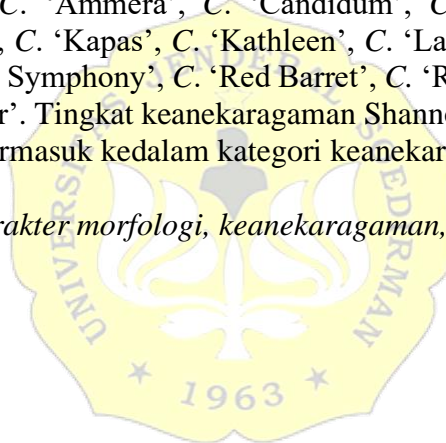
RINGKASAN

Keanekaragaman tanaman pada lahan pekarangan merupakan bagian dari keanekaragaman hayati yang mempunyai peranan yang sangat penting bagi kehidupan masyarakat, diantaranya tanaman pangan, tanaman obat, dan tanaman hias. Tanaman hias yang banyak ditanam dan dikembangkan pada lahan pekarangan, salah satunya berasal dari genus *Caladium*. *Caladium* merupakan tanaman hias yang berasal dari famili Araceae. Tujuan dari penelitian ini yaitu mengetahui varian tanaman hias genus *Caladium* dan tingkat keanekaragaman varian tanaman hias *Caladium* di Kecamatan Sumbang, Kabupaten Banyumas.

Penelitian dilakukan dengan menggunakan metode survei dengan teknik *purposive sampling*. Variabel yang diamati adalah keanekaragaman dan karakter morfologi tanaman *Caladium*. Parameter dari keanekaragaman *Caladium* meliputi jumlah individu dan jumlah varian *Caladium* yang ditemukan. Karakter morfologi yang diamati meliputi bentuk daun, warna daun, lebar daun, panjang daun, ujung daun, tepi daun, pertulangan daun, corak daun, warna corak, bentuk corak, ukuran tangkai daun, warna tangkai daun, dan tinggi tangkai daun. Parameter pendukung yang diamati yaitu suhu, kelembaban dan intensitas cahaya matahari. Data dianalisis menggunakan indeks keanekaragaman Shannon-Wiener dengan *software* PAST 4.13.

Hasil penelitian menemukan 18 varian *Caladium* di Kecamatan Sumbang Kabupaten Banyumas yang terdiri dari 1 *Caladium* spesies dan 17 *Caladium* hybrid. *Caladium* spesies yang ditemukan yaitu *C. humboldtii*, sedangkan *Caladium* hybrid yang ditemukan yaitu . 'Ace of Heart', *C.* 'Ammera', *C.* 'Candidum', *C.* 'Florida Sweetheart', *C.* 'Gingerland', *C.* 'Galaxy', *C.* 'Kapas', *C.* 'Kathleen', *C.* 'Lance Worthon', *C.* 'Mirzani', *C.* 'Miss Muffet', *C.* 'Pink Symphony', *C.* 'Red Barret', *C.* 'Red Flash', *C.* 'Red Frill', *C.* 'Red Star' dan *C.* 'Tricolor'. Tingkat keanekaragaman Shannon-Wiener varian *Caladium* di Kecamatan Sumbang termasuk kedalam kategori keanekaragaman sedang.

Kata kunci: *Caladium*, karakter morfologi, keanekaragaman, Sumbang



SUMMARY

Plant diversity in home gardens is part of biodiversity, which includes food plants, medicinal plants, and ornamental plants, all of which play an important role in people's lives. Caladium is a genus of ornamental plants that are widely planted and developed in yards. Caladium is an ornamental plant in the Araceae family. The purpose of this research was to know the variants of ornamental plants of the genus Caladium and to determine the diversity index the variants of ornamental plants of the the genus Caladium were in Sumbang District, Banyumas Regency.

The research was conducted using a survey method with a purposive sampling technique. The diversity and morphological characteristics of Caladium plants were observed as variables. Caladium diversity parameters included the number of individuals and the number of Caladium variants found. Leaf shape, leaf color, leaf width, leaf length, leaf tip, leaf edge, leaf veins, pattern color, pattern shape, petiole size, petiole color, and petiole height were all observed. Temperature, humidity, and sunlight intensity were observed as supporting parameters. The Shannon-Wiener diversity index was calculated using PAST 4.13 software.

The study found 18 Caladium variants in Sumbang Distric, Banyumas Regency, including 1 Caladium species and 17 Caladium hybrids. The Caladium species Caladium humboldtii was found, as were hybrid Caladiums 'Ace of heart', C. 'Ammera', C. 'Candidum', C. 'Florida sweetheart', C. 'Gingerland', C. 'Galaxy', C. 'Kapas', C. 'Kathleen', C. 'Lance worthon', C. 'Mirzani', C. 'Miss muffet', C. 'Pink symphony', C. 'Red barret', C. 'Red flash', C. 'Red frill', C. 'Red star' and C. 'Tricolor'. The Shannon-Wiener variant of Caladium diversity index in the Sumbang District was included in the moderate diversity category.

Keywords: Caladium, morphological characters, diversity, Sumbang