

INTISARI

Tanaman memiliki peran penting dalam mendukung kenyamanan dan aktivitas di taman Restoran Jiwa Jawi Yogyakarta (RJJY) melalui kesesuaian fungsi dan peruntukannya. Penelitian ini bertujuan untuk mengetahui fungsi tanaman, kesesuaian tanaman, dan kondisi iklim mikro di taman RJJY. Pengambilan data dilaksanakan pada Januari-April 2023 di taman RJJY menggunakan metode survei secara *purposive sampling* dengan membagi taman menjadi tiga zona, yaitu zona 1 (zona penerimaan), zona 2 (zona pendukung), dan zona 3 (zona utama). Data tanaman dianalisis menggunakan kriteria fungsi tanaman dan metode *Key Performance Index* (KPI), kemudian data iklim mikro pagi, siang, dan sore dihitung reratanya. Hasil penelitian menunjukkan bahwa fungsi tanaman di taman RJJY didominasi oleh tanaman dengan fungsi estetika sebesar 66,67%. Tanaman yang sesuai paling tinggi pada kriteria tanaman dengan perakaran standar, tidak merusak konstruksi dan bangunan dengan nilai 80,95%, kemudian diikuti kriteria tanaman tahan terhadap hama dan penyakit dengan nilai 76,19%, dan kriteria tanaman dengan nilai estetika dengan nilai 38,09%. Kondisi iklim mikro menunjukkan nilai yang tinggi pada parameter suhu udara, sedangkan parameter kelembaban udara relatif normal. Rentang suhu udara pagi hari 30,75 – 32,43 °C, siang hari 32,92 – 34,98 °C, dan sore hari 30,13 – 31,08 °C. Rentang nilai kelembapan udara pagi hari 67,97 – 70,39%, siang hari 60,91 – 69,80%, dan sore hari 70,73 – 73,47%.

Kata kunci : Tanaman lanskap; taman; fungsi tanaman; kesesuaian tanaman; iklim mikro.

ABSTRACT

Vegetation plays important role in enhancing the comfort and activities within Jiwa Jawi Restaurant Garden, characterized by the appropriateness of its function and use. This research aims to ascertain the functions of the plants, their suitability, and the microclimatic conditions within the RJJY garden. Data collection took place from January to April 2023 at RJJY garden using a purposive sampling survey method and divided the garden into three zones: zone 1 (welcome zone), zone 2 (supporting zone), and zone 3 (main zone). Plant data were analyzed using plant function criteria and the Key Performance Index (KPI) method. Subsequently, the average of morning, afternoon, and evening microclimatic data is calculated. The research showed that the predominant function of plants in the RJJY garden is aesthetic function with a score of 66,67%. The highest suitability score of 80,95% from criteria plants with standard root system, preventing damage to structures, followed by score of 76,19% from criteria plants resistant to pests and diseases, and followed by score of 38,09% from plants with high aesthetic values. Microclimate conditions within the RJJY garden indicated high air temperature values, while air humidity values were relatively normal. The average air temperature ranged from 30.75 – 32.43 °C in the morning, 32.92 – 34.98 °C during the day, and 30.13 – 31.08 °C in the evening. The air humidity values ranged from 67.97 – 70.39% in the morning, 60.91 – 69.80% during the day, and 70.73 – 73.47% in the evening.

Keyword : Landscape plants; garden; plant function; plant suitability; microclimate.