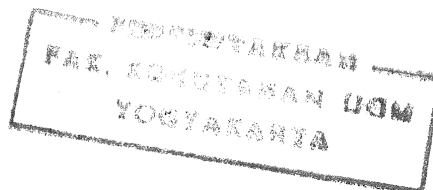


## ABSTRACT

Spatial distribution of long-tailed macaque's tree foodplant species in teak plantation forest of Pasarsore forest subdistrict, Cepu forest district, was analysed using Poisson Method. The study has found at least 15 tree foodplant species to occur in teak plantation habitat. Those include *Butea monosperma*, *Eugenia polyanta*, *E. cumini*, *E. densiflora*, *E. monoliifolia*, *Ficus benjamina*, *F. glomerata*, *Samanea samman*, *Caesalpinia sappan*, *Eryoglossum rubiginosum*, *Schleicheria oleosa*, *Leucaena leucocephala*, *Grewia eriocarpa*, *Macaranga gigantea* and *Cassia siamea*.

In young teak plantation, *Caesalpinia sappan* was clumped while species with a random distribution include *Eugenia polyanta*, *E. densiflora*, *E. monoliifolia*, *Cassia siamea*, *Schleicheria oleosa*, *Eryoglossum rubiginosum* and *Butea monosperma*. In the middle-age teak plantation, *Macaranga gigantea*, *Eugenia polyanta*, *E. monoliifolia*, *E. densiflora* and *Butea monosperma* were clumped, while such species as *Schleicheria oleosa*, *Eryoglossum rubiginosum*, *Eugenia cumini*, *Cassia siamea*, *Ficus benjamina* and *F. glomerata* were randomly distributed. In old teak plantation, a clumped distribution was found to occur in *Caesalpinia sappan*, *Leucaena leucocephala*, *Eugenia densiflora*, *E. polyanta*, *E. cumini* and *Butea monosperma*. And, random distribution was found in *Macaranga gigantea*, *Samanea samman*, *Cassia siamea*, *Schleicheria oleosa*, *Eryoglossum rubiginosum*, *Eugenia monoliifolia*, *Ficus benjamina* and *F. glomerata*. In gallery forest *Leucaena leucocephala*, *Eugenia polyanta* and *E. densiflora* were clumped, while *Grewia eriocarpa*, *Cassia siamea*, *Butea monosperma*, *Eugenia cumini*, *E. monoliifolia*, *Schleicheria oleosa*, *Eryoglossum rubiginosum*, *Ficus benjamina* and *F. glomerata* were randomly distributed.



## INTISARI

"Distribusi Spasial Pohon Pakan Kera Ekor Panjang di Hutan Tanaman Jati BKPH Pasarsore KPH Cepu" menggambarkan pengaturan susunan jenis pohon pakan. Metodologi yang digunakan dalam penelitian ini adalah Metoda Poisson dengan analisis Varian/Mean dan Uji-t. Peneliti menemukan paling sedikitnya 15 jenis pohon pakan yaitu *Butea monosperma*, *Eugenia polyanta*, *E. cumini*, *E. densiflora*, *E. monoliifolia*, *Ficus benjamina*, *F. glomerata*, *Samanea samman*, *Caesalpinia sappan*, *Eryoglossum rubiginosum*, *Schleicheria oleosa*, *Leucaena leucocephala*, *Grewia eriocarpa*, *Macaranga gigantea* dan *Cassia siamea*.

Di hutan tanaman jati muda, *Caesalpinia sappan* tersebar mengelompok, sedang persebaran acak ditemui pada *Eugenia polyanta*, *E. densiflora*, *E. monoliifolia*, *Cassia siamea*, *Schleicheria oleosa*, *Eryoglossum rubiginosum* dan *Butea monosperma*. Di hutan tanaman jati sedang, *Macaranga gigantea*, *Eugenia polyanta*, *E. monoliifolia*, *E. densiflora* dan *Butea monosperma* terdistribusi mengelompok, sementara itu jenis-jenis *Schleicheria oleosa*, *Eryoglossum rubiginosum*, *Eugenia cumini*, *Cassia siamea*, *Ficus benjamina* dan *F. glomerata* terdistribusi secara acak. Di hutan tanaman jati tua, distribusi mengelompok dijumpai pada *Caesalpinia sappan*, *Leucaena leucocephala*, *Eugenia densiflora*, *E. polyanta*, *E. cumini* and *Butea monosperma*. Dan, distribusi acak ditemui pada *Macaranga gigantea*, *Samanea samman*, *Cassia siamea*, *Schleicheria oleosa*, *Eryoglossum rubiginosum*, *Eugenia monoliifolia*, *Ficus benjamina* dan *F. glomerata*. Di hutan galeri, *Leucaena leucocephala*, *Eugenia polyanta* dan *E. densiflora* terdistribusi mengelompok, sementara itu jenis *Grewia eriocarpa*, *Cassia siamea*, *Butea monosperma*, *Eugenia cumini*, *E. monoliifolia*, *Schleicheria oleosa*, *Eryoglossum rubiginosum*, *Ficus benjamina* dan *F. glomerata* terdistribusi secara acak.

