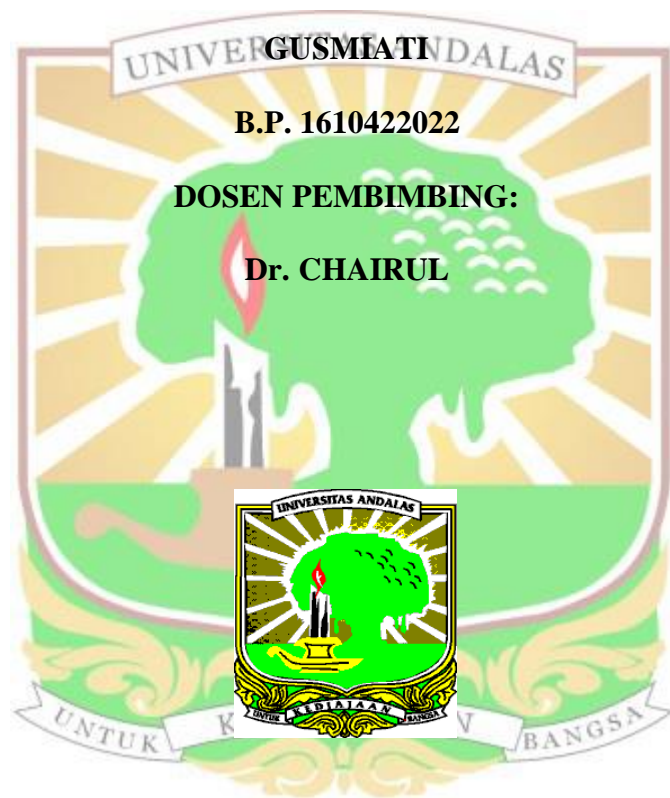


**KOMPOSISI DAN STRUKTUR SAPLING DI KAWASAN HUTAN
KONSERVASI PT. ROYAL LESTARI UTAMA (RLU), JAMBI**

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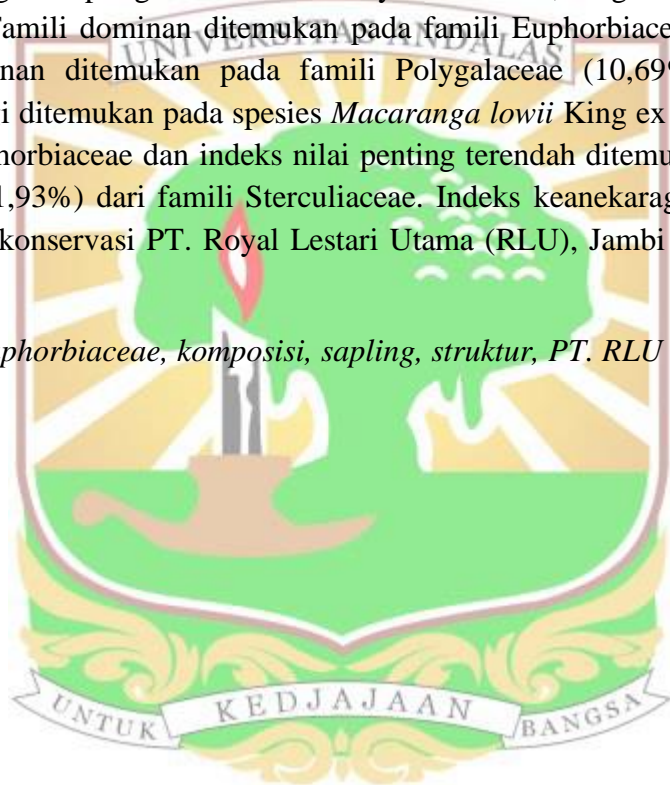
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ABSTRAK

Penelitian mengenai komposisi dan stuktur sapling di kawasan hutan konservasi PT. Royal Lestari Utama (RLU), Jambi telah dilaksanakan pada bulan Maret sampai Juni 2020. Penelitian ini bertujuan untuk mengetahui komposisi dan struktur sapling di kawasan hutan konservasi PT. Royal Lestari Utama (RLU), Jambi. Penelitian ini menggunakan metode belt transek dengan peletakan transek secara purposive sampling dan peletakan plot secara sistematis. Hasil penelitian ini menunjukkan bahwa pada tingkat sapling ditemukan sebanyak 24 famili, 41 genus, 69 spesies dan 131 individu. Famili dominan ditemukan pada famili Euphorbiaceae (34,35%) dan famili co-dominan ditemukan pada famili Polygalaceae (10,69%). Indeks nilai penting tertinggi ditemukan pada spesies *Macaranga lowii* King ex Hook.f (29,11%) dari famili Euphorbiaceae dan indeks nilai penting terendah ditemukan pada spesies *Sterculia* sp1 (1,93%) dari famili Sterculiaceae. Indeks keanekaragaman jenis pada kawasan hutan konservasi PT. Royal Lestari Utama (RLU), Jambi tergolong tinggi, yaitu 3,88.

Kata kunci: *Euphorbiaceae*, komposisi, sapling, struktur, PT. RLU



ABSTRACT

Objective of this study was to know the composition and structure of sapling in conservation area of PT. Royal Lestari Utama (RLU), Jambi. This study was conducted from March to June 2020. Belt transect method was used in this study by plotting purposively and systematically. Results showed that number of sapling found in conservation area of PT. Royal Lestari Utama (RLU) were 24 families, 41 genus, 69 spesies and 131 individuals. Euphorbiaceae was dominant family showing result 34.35% and polygalaceae was co-dominant family showing result 11.69% of total number of species. The highest important value index in species was *Macaranga lowii* King ex Hook.f showing result 29.11%. The lowest important value index was in species *Sterculia* sp1 showing result 1.93%. Diversity index classified as high showing 3.88 of result in conservation area of PT. Royal Lestari Utama (RLU), Jambi.

Keywords: *Euphorbiaceae, composition, sapling, structure, PT. RLU*

