

## Struktur komunitas vegetasi dan stratifikasi tumbuhan di hutan kota Universitas Indonesia

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### Abstrak

Judul penelitian tentang struktur komunitas vegetasi di Urban Forest Universitas Indonesia (UI). Diteliti diadakan pada November - Desember 2008. Ada tiga zona di Urban Forest UI: East Wallace Zone, Barat Wallace Zone dan Alam Vegetasi Zone. The diteliti dilakukan teknik sampling. Hasil penelitian menunjukkan bahwa ada 104 spesies tumbuhan di semua zona hutan kota UI. Tingginya kekayaan spesies tumbuhan ditemukan di Wallace Timur dan Barat Wallace Zona ada 63 spesies, tapi Natural Vegetasi Zona ada 32 spesies. Indeks keanekaragaman tertinggi ditemukan di Wallace Zona Barat (3,16), Wallace Zona Timur (2,98), dan Zona Vegetasi Alam (2,30). Indeks keseragaman tertinggi ditemukan di Barat Wallace Zone (0,76), East Wallace Zona (0,71), dan Vegetasi Zona Alam (0,66). Tertinggi indeks keanekaragaman (INP) ditemukan oleh *Acacia mangium* di Zona Vegetasi Alam (180,04), dan Barat Wallace Zone (139,56) oleh *Albizia falcataria* di Wallace Zona Timur (99,23). Semua zona di UI Hutan Kota dibentuk dari pertumbuhan alami jenis pohon endemik dan kegiatan penanaman diadakan pada tahun 1984, 1998, 2002 DAN 2004.

.....The title of researched about vegetation community structure at Urban Forest University of Indonesia (UI). Researched was held on November - December 2008. There are three zones at Urban Forest UI : East Wallace Zone, West Wallace Zone and Natural Vegetation Zone. The researched was done sampling technique. The result showed that there was 104 species of vegetation at all of UI urban forest zones. The high richness of vegetation species is found at East Wallace and West Wallace Zone there was 63 species, but Natural Vegetation Zone there was 32 species. The highest diversity index was found at West Wallace Zone (3,16), East Wallace Zone (2,98), and Natural Vegetation Zone (2,30). The highest equitability index was found at West Wallace Zone (0,76), East Wallace Zone (0,71), and Natural Vegetation Zone (0,66). The highest diversity index (INP) was found by *Acacia mangium* at Natural Vegetation Zone (180,04), and West Wallace Zone (139,56) by *Albizia falcataria* at East Wallace Zone (99,23). All zone at the Urban from natural growth endemic tree species and planting activities were held in 1984, 1998, 2002 dan 2004.