

Turnover time and forest growth cycle in dry dipterocarp forest at Sakaerat.

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ABSTRACT

Structural characteristics, rate of gap formation and turnover time in Dry Dipterocarp forest at Sakaerat Environmental Research Station, Pak Thong Chai, Nakhon Ratchasima were investigated during AD 1985 to AD 1986. Four sample plots of 100 X 100 m² of 1 hectare in 4 subtypes (different community) of the Dry Dipterocarp forest were studied by subdivided into 400 subplots (10 X 10 m²). All trees with 4.5 cm. In DBH and over existing in the plots were mapped, Species recorded and their trunk diameter at 1.30 m. aboveground were measured for calculating the species diversity, relative density, relative frequency, relative dominance, basal area, importance value index and gap age. Height of the lowest living branch, total height, position and crown diameter of trees were also measured for the analysis of the vertical structure, crown projection, size,