

Age diameter relationships of natural dry dipterocarp forest and
dipterocarpaceae
in the tropical rain forest

SOMSAK SUKWONG, TAWEE KAEWLA-IAD and CHAKAPAN SAKUMEERITH.

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ABSTRACT

A study was made to determinate the probable ages reached by tropical deciduous trees in undisturbed dry dipterocarp forest at Sakaerat. The statistical method was used for age determination from data of annual diameter increment in marked and numbered sample trees of different diameters during a 2-year period. The species studies were *Albizzia odoratissima*, *Aporosa villosa*, *Dalbergia dongnaensis*, *Dipterocarpus intricatus*, *Gardenia sootepensis*, *Lithocarpus spicatus*, *Mitragyna brunonis*, *Morinda coreia*, *Pemtecme suavis*, *Phyllanthus emblica*, *Pterocarpus parvifolius*, *Quercus kerrii*, *Shorea talura*, *Sindora maritima*, *Vitex peduncularis* and *Xylia kerrii*. Additional data of annual girth increment of *Dipterocarpus pilosus* in Surat Thani and *Dipterocarpus costatus* in Chiang Mai were also analysed for determining the ages of both species.