

**THE DISTRIBUTION OF MERANTI TIMBER SPECIES IN UiTM JENGKA
FOREST RESERVE**

By

SITI AMINAH BINTI M. ZAINAL

SITI NURASHIKIN BINTI ABRAHAM

WAN SHAMSYILA BINTI HJ.WAN MOHD @ WAN MOHD NAWI

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ABSTRACT

A research was done to study the distribution of Meranti Species in UiTM Jengka Forest Reserve (UiTMJFR). This study area is about 250 acre and contains 20 lines. The method of study used is 5m from left and 5m from right in each line. A total of Meranti Species has been found is categorized based on range diameter breast height (DBH) more than 10cm and above. In this study, the total amounts of Meranti Species were found are 486 trees with 9 species. There were Meranti Tembaga (*Shorea leprosula*), Meranti Sarang Punai (*Shorea parvifolia*), Meranti Belang (*Shorea resinosa*), Meranti Rambai Daun (*Shorea acuminata*), Meranti Kepong (*Shorea ovalis*), Meranti Nemesu (*Shorea pauciflora*), Meranti Melantai (*Shorea macroptera*), Meranti Pa'ang (*Shorea bracteolata*), Meranti Pipit (*Shorea assamica f. globifera*). From this study, it was found UiTMJFR is suitable for plantation of Meranti Species because UiTMJFR is type of Lowland Dipterocarp Forest. We can see that 89% is category on Red Meranti, for the percentage of White Meranti is 11%. From this result we can say that UiTMJFR is suitable for Red Meranti plantations in the future.