

DISTRIBUTION OF RED MERANTI SPECIES (*Shorea leprosula*, *Shorea parvifolia* and *Shorea pauciflora*) IN UITM JENGA EDUCATION FOREST

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THE DISTRIBUTION STUDY OF RED MERANTI GROUP (*S. leprosula*, *S. parvifolia* and *S. parvifolia*) in UiTM JENGKA EDUCATION FOREST (LINE 11-20)

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ABSTRACT

This study are conducted in UiTM Jengka Education Forest (UiTM JEF) at Base Line : line 11-20. The main objective of this study are to determine the distribution of Red Meranti group, Meranti Tembaga (*S. leprosula*), Meranti Sarang punai (*S. parvifolia*), Meranti Nemesu (*S. pauciflora*) in UiTM JEF. The method of study used is measure the trees 10 m right and left along the line. The length each of line is 575 m, that means the forest areas that we studied for line 11-20 are 20 m x 575 m. The Red Meranti species has been found is categorized based on range diameter breast height (DBH) more than 5 cm and above. The range of DBH was classified into five, Class 1: 5.0-14.9 cm, Class 2: 15-24.9 cm, Class 3: 25-34.9 cm, Class 4: 35-44.9 cm, and lastly Class 5: >45 cm. In this study, the total number selected of Red Meranti species was found is 84 individuals; 64 for *S. leprosula*, 17 for *S. parvifolia* and 3 for *S. pauciflora*. The geographical area is the one factor that contributes the distribution of that species.