

THE DISTRIBUTION OF MACARANGA HYPOLEUCA, MACARANGA GIGANTEA,
AND MACARANGA TRILOBA IN UiTM JENGKA FOREST RESERVE
(LINE 11 – LINE 20)

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ABSTRACT

This study was conducted at the Forest Reserve on line UiTM Jengka Forest Reserve at Base Line 2: Line 11- Line 20. The main objective of this study was to know the distribution of Mahang (*Macaranga spp.*). We use Inventory methods where we measured 10 meters in width and length of 515 meters of forest (10 m × 515 m). The entire forest area of the band 11-band 20 is 577,875 m², or 3% of the total area of 250 acres of forest. From the research, the total of tree that were found are 173 which the tree will classify into 4 categories; mature tree (> 45 cm), premature trees (30-45 cm), large poles (15-30 cm) and small poles (5-14 cm). The trees that dominated from this species are from DBH (15-30 cm) with the percentage was 64%, followed by category of dbh (5-14 cm) with 22%, (30-45 cm) with 11% and the lowest is 3% from mature trees. A range from the smallest to the largest number is: (15-30 cm) > (5-14 cm) > (30-45 cm) > 45cm. In conclusion, this *Macaranga spp.* of many found in the forest than logging roads.