

DISTRIBUTION OF AQUILARIA SPP. IN UiTM JENGKA FOREST RESERVE.

By

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**Final Project Paper Submitted In Partial Fulfillment for the Diploma in Wood Industry,
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April 2007

ACKNOWLEDGEMENTS

Assalamualaikum...

First of all, we would like to thank the Al-Mighty ALLAH for His blessing and favor in guiding and helping us to finish this final report. Without Him, we cannot finish this research in studying the distribution of *Aquilaria Spp.* in Universiti Teknologi MARA Jengka Forest Reserve (UiTMJFR).

We also want to thanks to Miss Mazlin Binti Haji Kusin for become our advisor and giving all her energy and knowledge just for us to finish this study. As an expert person in our program, her guiding is very important to us to complete this final report.

We also like to address our gratitude and appreciation to staff of Diploma in Wood Industry, En. Mohd Aksso Rosli for his help and guidance in collecting the data for this study. Not forget for our lecturer in WTE 375, Dr. Jamaludin Kasim for his support our project until it finished.

Last but not least, to our parent and our family, thanks for their moral support to gave our best in this study. Further gratitude is also extended to our special friend, Zuraini Othman for her care and encouragement throughout the duration of this study, we really appreciate it. Thank you very much...!

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ABSTRACT

A research was done to study the distribution of *Aquilaria spp.* in UiTM Jengka Forest Reserve (UiTMJFR). The study plot is about 49.42 acre in Plot A, B, C and D. These study area is from the edge of UiTMJFR to Line 12. In this study, the distribution of *Aquilaria spp.* in UiTMJFR is randomly distributed. A total of *Aquilaria spp.* is 25 individuals in this study plot. All the *Aquilaria spp.* that has been found is categorized based on range of diameter breast height (DBH). The highest numbers that have found is 10 individuals in second category (10.1 – 20.0 cm) of DBH and the lowest number that have found is 1 individual in fourth category (31.0- 40.0 cm) of DBH. The *Aquilaria spp.* that has been found is also categorized based on their height. The highest dominant (10 individuals) the have found is in third category (10.0-15.0 m) and lowest dominant (2 individuals) that have found is in first category (1.0-5.0 m). These data shows that UiTMJFR has a potential in becoming *Aquilaria spp.* plantation area. These data also show that a nurture of *Aquilaria spp.* should be done continuously for the sake of the value of *Aquilaria spp.* and to avoid extinct of *Aquilaria spp.*