

Distribution of *Eurycoma longifolia*, *Thottea grandiflora* and *Goniothalamus macrophyllus* in UiTM Jengka Forest Reserve

JANNATUL ASHIKIN BT. BADARUDIN

NORHAYATI BT. NASRUDIN

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Universiti Teknologi MARA
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By

JANNATUL ASHIKIN BT. BADARUDIN

NORHAYATI BT. NASRUDIN

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The research was done to study the identification of *Eurycoma longifolia*, *Thottea grandiflora*, and *Goniothalamus macrophyllus* in UiTM Jengka Forest Reserve (UiTMJFR). The study is about 500 m x 20 m in Line 1 and Line 12 (1 hectare in each line). In this study, the distribution of *Eurycoma longifolia*, *Thottea grandiflora*, and *Goniothalamus macrophyllus* species in UiTMJFR was distributed randomly in study plot mainly at hilly area (steep slopes between 10° and 35°). A total of three species of these herbal plants is 52 individuals that can be found in UiTMJFR. In Line 1, there are species of *Eurycoma longifolia* (tongkat ali), *Thottea grandiflora* (hempedu beruang), and *Goniothalamus macrophyllus* (gajah beranak) with 4, 7, and 11 individuals respectively. In Line 12, there were *Eurycoma longifolia* (tongkat ali), *Thottea grandiflora* (hempedu beruang) and *Goniothalamus macrophyllus* (gajah beranak) with 2, 21, and 7 individuals respectively. The domination species that found are *Goniothalamus macrophyllus* (gajah beranak) with 50% in Line 1, but in Line 12 is *Thottea grandiflora* (hempedu beruang) with 70%. Mainly this three species herbal plants growth about 51 cm to 70 cm.