

# CONSERVATION OF *Hopea subalata* IN KANCHING FOREST RESERVE, SELANGOR, PENINSULAR MALAYSIA

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Further information about *Hopea subalata* can be acquired at  
<http://info.frim.gov.my/cfdocs/infocenter/jtfsonline/jtfs/v16n3/271283.pdf>

*Hopea subalata* (*H. subalata*) is a dipterocarp. It is a small tree, with maximum height of 12 m and 35 cm diameter at breast height. *H. subalata* is endemic to Peninsular Malaysia and known to occur only in Kanching Forest Reserve. This species is Critically Endangered (CR).

Fig. 1 and 2 show the inflorescence and the stilt roots of the species respectively.



*L.S.L Chua*

Fig 1 : The inflorescence



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Fig 2 : The stilt roots

*H. subalata* is found in Compartments 2 and 14 of Kanching Forest Reserve. There are approximately 266 trees in Compartment 2 and 177 trees in Compartment 14. Fig. 3 shows the distribution of *H. subalata* in Kanching Forest Reserve. Fig. 4 is a 3D view of *H. subalata* in Compartment 2 whereas Fig. 5 shows the 3D view of *H. subalata* in Compartment 14, Kanching Forest Reserve.

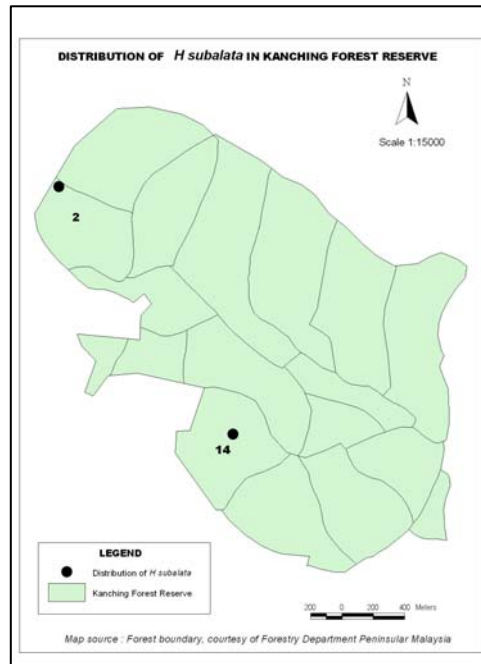


Fig. 3: Distribution of *H. subalata* in Kanching Forest Reserve.

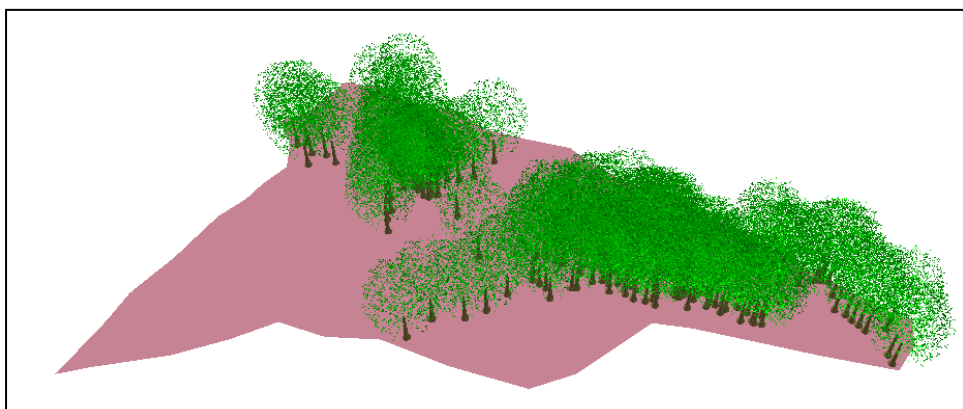


Fig. 4 : 3D view of *H. subalata* in Compartment 2, Kanching Forest Reserve.

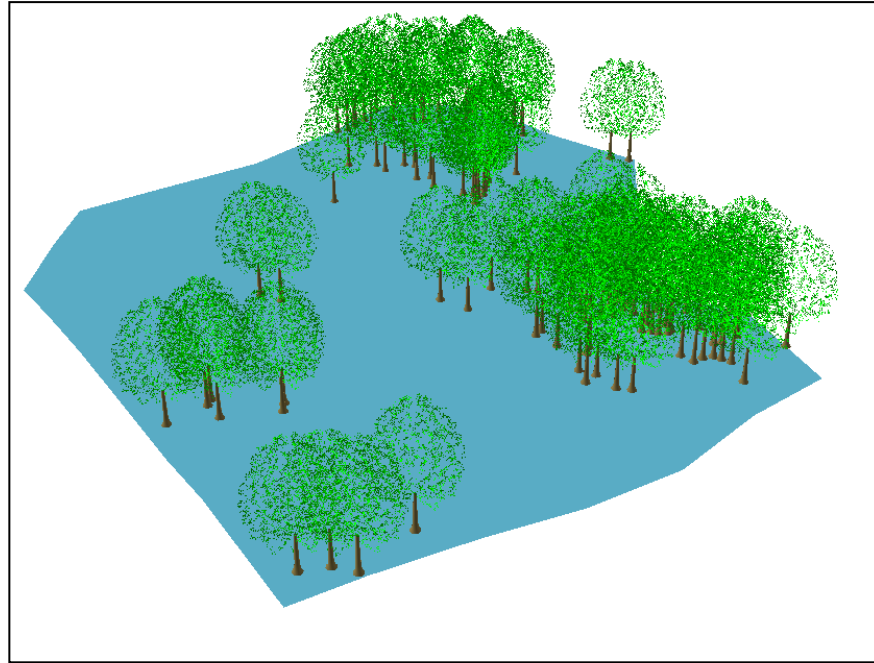


Fig. 5 : 3D view of *H. subalata* in Compartment 14, Kanching Forest Reserve.

After the populations were mapped out and overlaid onto topographic and forest boundary map, we found out that at least 10 trees of the species lied outside the boundary in Compartment 2, occupying an area of about 0.17 ha. The area at the backyard of surrounding houses outside the forest margin area and was classified as the residence lot.

We recommend that The State Forest Department should gazette this relatively small site as an addition to the forest reserve. The entire Compartments 2 and 14 should be gazetted as Virgin Jungle Reserve. Currently conservation action has been taken by the Forestry Department with the gazettelement of Compartments 2, 14 and the 0.17 ha as Selangor State Park.