



Fig. 1. Map of Thailand























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Table 3 Structure of a natural lacquer producing forest

Scientific name	Density (/ha)	Mean DBH (cm) (Range)	Mean height (m)	Basal area (m ² /ha)	Density of seedlings of <i>M. usitata</i> (/ha)
Nong Krating, Mae Sariang)					
Plot 1 <i>Pinus merkusii</i>	100	27.8 (14 - 38)		7.02	
<i>Melanorrhoea usitata</i>	480	11.9 (6 - 31)		6.62	
<i>Dipterocarpus tuberculatus</i>	160	13.0 (7 - 28)		2.86	
<i>Homalium dasranthum</i>	40			1.66	
<i>Anneslea fraxinea</i>	20			0.90	
<i>Shorea siamca</i>	40			0.44	
<i>Castanopsis corebrina</i>	20			0.40	
<i>Shorea oblonga</i>	20			0.26	
<i>Xylocarpus mauritiana</i>	20			0.02	
Total	900			20.20	980.0
Plot 2					
<i>Pinus merkusii</i>	333.4	30.7 (13.5 - 42.0)	20.3	26.81	
<i>Melanorrhoea usitata</i>	166.6	15.8 (9.0 - 35.5)	9.7	4.61	
<i>Shorea oblonga</i>	66.6	8.5	9.0	0.38	
<i>Dipterocarpus tuberculatus</i>	33.4	8.5	18.0	3.20	
Total	600.0			35.0	1,133.0

Chiang Dao)

Plot 3	<u>Melanorrhoea usitata</u>	133.3	35.3 (9 - 50)	15.56	
	<u>Terminalia tomentosa</u>	66.7		9.87	
	<u>Casipouppia cerebrina</u>	100.0	15.0 (8 - 28)	2.43	
	<u>Dipterocarpus tuberculatus</u>	233.3	9.0 (5 - 17)	1.86	
	<u>Shorea obusa</u>	33.3		1.38	
	<u>Kydia calycina</u>	33.3		1.38	
	<u>Bauhinia variegata</u>	100.0		0.36	
	<u>Dolichandrone spathacea</u>	100.0		0.21	
	<u>Sterculia spp.</u>	66.7		0.14	
	<u>Tectona grandis</u>	33.3		0.09	
	<u>Litsea glutinosa</u>	33.3		0.07	
	<u>Sterculia pexa</u>	33.3		0.07	
	Total	966.7		32.60	66.7

Plot 4	<u>Melanorrhoea usitata</u>	110.7	48.0 (43.5 - 59.0)	20.0	21.37
	<u>Shorea obusa</u>	100.0	35.4 (24.0 - 46.8)	21.5	10.25
	<u>Dipterocarpus tuberculatus</u>	33.3	38.3 (34.0 - 42.5)	12.0	3.88
	<u>Quercus kerri</u>	16.7	23.5	12.0	0.72
	<u>Colona floribunda</u>	66.7	9.9 (5.0 - 15.0)	3.0	0.60
	<u>Shorea siamensis</u>	16.7	20.7	10.0	0.56
	<u>Eriolaena candollei</u>	16.7	20.7	10.0	0.56
	<u>Bridelia pierrei</u>	33.3	8.3	5.0	0.19
	<u>Bauhinia variegata</u>	16.7	9.0	8.0	0.11
	<u>Tectona grandis</u>	16.7	8.5	6.0	0.09
	<u>Canarium subulatum</u>	16.7	8.5	7.0	0.09
	<u>Symplocos laurina</u>	16.7	6.0	5.0	0.05
	<u>Schleichera oleosa</u>	16.7	5.5	3.0	0.04
	Total	483.3	27.0	12.8	38.52

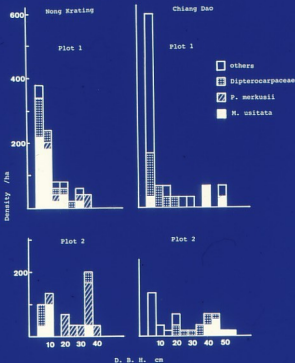


Fig. 1 Size class distribution of lacquer producing forest

































