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Supported by

Foreword by EDCMD

In our effort to deliver a sustainable future for the younger generation who will one day inherit this beloved nation, Sime Darby Plantation, as a responsible company, has gone above and beyond to invest in the future. Under that premise, in 2013, we embarked on a Plant-A-Tree project in Jentar Estate, Pahang.

This pocket guide book showcases the milestones achieved under this project over the past five years. It is an easy-to-understand pictorial guide to all the endangered, rare and threatened (ERT) species planted on 136 hectares of land in Jentar Estate. With this guide book, one will be able to find the featured trees in their planted locations, identify their species through the photos and learn their local as well as their scientific names.

I would like to take this opportunity to extend my heartfelt congratulations and gratitude to every individual directly involved in the successful completion of this project – Yayasan Sime Darby (YSD) for providing the funding; Sime Darby Plantation's Group Sustainability & Quality Management, Group Research & Development, Plantation Upstream Malaysia and all individuals as well as organisations involved in making this ambitious project a reality.

This book will not become a reality without the kind assistance of experts from the Forest Research Institute Malaysia (FRIM) who played an important role in identifying and verifying the species of the featured trees. I am confident that visitors will find this book useful when visiting the planting sites.

I hope this publication will become part of an important record and will go down the company's history as one of our dedicated efforts at conserving the rainforest heritage for the future generations.

Thank you.

Tan Sri Dato' Seri Mohd Bakke Salleh Executive Deputy Chairman & Managing Director

Introduction



The Sime Darby Plant-A-Tree Programme is an initiative driven by Sime Darby Plantation (SDP) since 2008, in support of Sime Darby Group's commitment to conserving endangered, rare and threatened (ERT) species of rainforest trees. With an aspiration to plant 1 million indigenous forest trees within designated and suitable areas in SDP's estates, the Plant-A-Tree Programme was expanded to Jentar Estate in 2013. This project received a financial sponsorship amounting to RM4.1 million from Yayasan Sime Darby (YSD) for five years and 10 months from March 2013 until December 2018. The project is spearheaded by SDP's Group Sustainability & Quality Management with strong support from Plantation Upstream Malaysia and Group Research and Development.

More than just a tree planting project, the Jentar Plant-A-Tree project was mooted with the aim of enhancing the natural habitats within the estate and increasing its value in the long run. The project is also designed in such a way to increase the biodiversity value in our plantation through the utilisation of areas that are not suitable for oil palm planting.

Located in the state of Pahang, Jentar Estate has close to 160 ha of land area that is not suitable for oil palm planting. The unplanted areas include slopes with more than 25° gradient (> 25°), ravine, river buffer zone and area bordering the Krau Wildlife Sanctuary. The whole area is made up of three hills namely Bukit Angin (72 ha), Bukit Kiab (65 ha) and Bukit Pasir (23 ha). These three hills were chosen because of their high rehabilitation value and the presence of endemic tree species due to their close proximity to the Krau Wildlife Forest Reserves and the availability of water sources which contribute to the creation of new forest corridors and wildlife habitats.

The newly planted forests will create diverse and interconnected habitats for wildlife which will eventually increase the biodiversity value of the land. The initial target was to plant 160,000 trees on the 160 ha. However, the planting team subsequently found that 24 ha

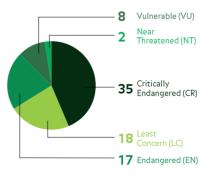
Introduction

ALL ALL

of the land were already populated with original forest trees, leaving them around 136 ha to work on. Currently, a total of 136,036 trees made up of 126 species, 60 of which are threatened, have successfully been planted and maintained on the 136 ha area in the last five years. Out of the total number of threatened species, 35 are classified as Critically Endangered (CR), 17 categorised as Endangered (EN), and eight (8) are listed as Vulnerable (VU). We also planted two (2) Near Threatened (NT), one Rare and 18 species categorised as Least Concern (LC).

IUCN Red List of Threatened Species was used to assess the conservation status of the species. IUCN is one of the most well-known objective assessment systems to classify the status of plants, animals, and other organisms threatened with extinction. Assessing the conservation status of species is important in order to highlight the species that are threatened with extinction, thereby promoting their conservation. The information on the species' conservation status and distribution provides the foundation for making informed decisions on biodiversity conservation at local and global levels.

Besides addressing the indirect causes of species loss and genetic erosion, we must also actively focus on conserving and managing species and genetic diversity. Where a particular species and a variety of plants and animals are threatened with extinction, a targeted conservation measure must be put in place to reduce this threat and subsequently reverse the status of these species. We hope, the Jentar Plant-A-Tree project will be able to contribute significantly towards conserving our valuable biodiversity and ecosystems.



Introduction

We planted 60 SPECIES

of threatened tropical forest trees!



We have planted a total of 136,036 trees comprising 60 species of threatened tropical forest trees on three hills in our Jentar Estate.

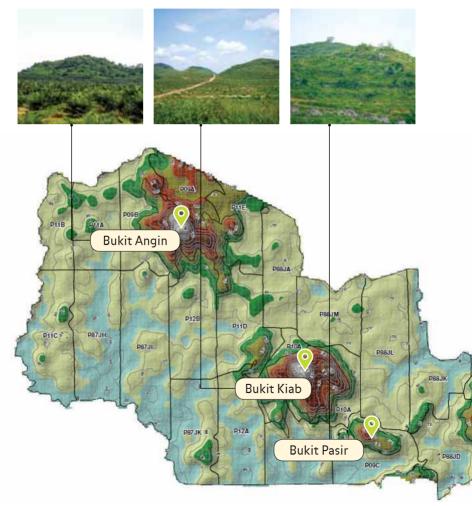
In the following pages, you will be able to learn about the tree species that we have planted. These trees are grouped under Critically Endangered, Endangered, Vulnerable, Near Threatened and Least Concern categories, as per the International Union for Conservation of Nature (IUCN) list.

Turn over the pages to find out more.



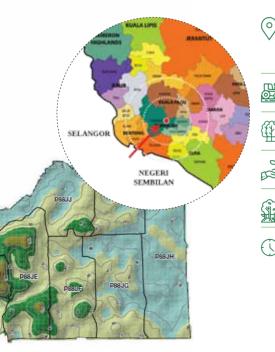


About Jentar Plant-A-Tree



Field	Ha	Total Planted	CR	EN	LC	NT	VU	Not evaluated
Bukit Angin	59.0	70,358	11	3	12	0	3	27
Bukit Kiab	71.7	47,844	8	4	1	1	2	4
Bukit Pasir	22.71	17,834	16	10	5	1	3	15
Total	153.41	136, 036	35	17	18	2	8	46

As at October 2018



Location
Pahang Darul Makmur
(GPS Coordinate Jentar Estate
N 3 .78537 E 102.324)

	Planting Area 136 ha
∰	Tree Density
}	1,000 trees/ ha

Z	Species No.
B	126 species

- Number of Trees
- Period
 5 years, 10 months

About Jentar Plant-A-Tree

CRITICALLY ENDANGERED (CR)

No.	Species	Local Name	Planted (No.)
1	Dipterocarpus costulatus	Keruing Kipas	182
2	Hopea mengarawan	Merawan Penak	395
3	Shorea lepidota	Meranti Langgong	99
4	Vatica lobata	Resak Paya	779
5	Anisoptera scaphula	Mersawa Gajah	906
6	Shorea superba	Selangan Batu Daun Halus	982
7	Shorea johorensis	Meranti Pepijat	825
8	Hopea ferruginea	Merawan Mata Kucing Merah	445
9	Dipterocarpus kerii	Keruing Gondol	481
10	Shorea sumatrana	Balau Singkawang Air	216
11	Dipterocarpus baudii	Keruing Bulu	1519
12	Shorea hemsleyana	Cengal Pasir Daun Besar	55
13	Hopea pubescens	Merawan Bunga	2951
14	Shorea assamica	Meranti Pipit	2000
15	Hopea beccariana	Merawan Batu	2000
16	Shorea elliptica	Balau Tembaga	2000
17	Shorea macrantha	Meranti Kepong Hantu	2000
18	Shorea kunstleri	Balau Laut Merah	2000
19	Dipterocarpus grandiflorus	Keruing Belimbing	2000
20	Shorea longisperma	Damar Hitam Bulu	2000
21	Shorea materialis	Balau Pasir	2000
22	Parashorea stellata	Gerutu-Gerutu	2000
23	Vatica flavida	Resak Padi	3
24	Hopea subalata	Merawan Kanching	15
25	Vatica yeechongii	Resak Daun Panjang	3
26	Shorea peltata	Meranti Telepok	6
27	Hopea auriculata	Merawan	8
28	Dipterocarpus sarawakensis	Keruing Layang	9
29	Shorea inappendiculata	Damar Angin	4
30	Hopea polyalthioides	Giam Rambai	5
31	Shorea dealbata	Meranti Bumbung	6
32	Hopea glaucescens	Merawan Kelabu	19
33	Hopea sulcata	Merawan Meranti	13
34	Shorea acuminata	Meranti Rambai Daun	3500
35	Shorea macroptera	Meranti Melantai	2000

ENDANGERED (EN)

No.	Species	Local Name	Planted (No.)
1	Dryobalanops lanceolata	Kapur Paji	490
2	Shorea roxburghii	Meranti Temak Nipis	5454
3	Shorea leprosula	Meranti Tembaga	9908
4	Dipterocarpus crinitus	Keruing Mempelas	500
5	Shorea bracteolata	Meranti Pa'ang	1600
6	Shorea pauciflora	Meranti Nemesu	1850
7	Shorea ovata	Meranti Sarang Punai Bukit	2000
8	Shorea balanocarpoides	Damar Hitam Katup	2000
9	Dipterocarpus obtusifolius var subnudus	Keruing Beludu	6
10	Dryobalanops oblongifolia	Keladan	5656
11	Shorea ciliata	Balau Gunung	8
12	Vatica stapfiana	Resak Mempening	6
13	Hopea pierrei	Merawan Palung	8
14	Shorea ovalis	Meranti Kepong	1884
15	Vatica pauciflora	Resak Laru	13
16	Shorea parvifolia	Meranti Sarang Punai	8100
17	Vatica abdulrahmaniana	-	4

VULNERABLE (VU)

No.	Species	Local Name	Planted (No.)
1	Khaya ivorensis	African Mahogany	465
2	Khaya senegalensis	African Mahogany	30
3	Neobalanocarpus heimii	Cengal	1816
4	Hopea odorata	Merawan Siput Jantan	4500
5	Scaphium longiflorum	Kembang Semangkuk Bulat	2000
6	Hopea myrtifolia	Mata Kucing Beludu	6
7	Shorea macrophylla	Engkabang	206
8	Aquilaria malaccensis	Karas	1,500

About Jentar Plant-A-Tree

NEAR THREATENED (NT), LEAST CONCERN (LC)

No.	Species	Local Name	IUCN Status	Planted (No.)
1	Dipterocarpus verrucosus	Keruing Merah	NT	2000
2	Shorea scrobiculata	Balau Singkawang Darat	NT	2000
3	Aglaia korthalsii	Kiat	LC	6
4	Shorea laevis	Balau Kumus	LC	13
5	Palaquim maingayi	Nyatoh Tembaga	LC	1433
6	Couroupita guianensis	Cannonball Tree	LC	33
7	Gnetum gnemon	Melinjau	LC	91
8	Aglaia cucullata	Bekak	LC	297
9	Koompassia excelsa	Tualang	LC	99
10	Archidendron elliptica	Kerdas	LC	869
11	Dipterocarpus oblongifolius	Keruing Neram	LC	2000
12	Sterculia parviflora	Kelumpang Burung	LC	1500
13	Shorea multiflora	Damar Hitam Pipit	LC	2000
14	Irvingia malayana	Pauh Kijang	LC	2000
15	Payena maingayi	Nyatoh Durian	LC	500
16	Cratoxylum arborescens	Geronggang	LC	120
17	Vatica rassak	Resak Irian	LC	10
18	Shorea curtisii	Meranti Bukit	LC	2000
19	Cassia fistula	Rajah Kayu	LC	19
20	Sandoricum koetjape	Sentul	LC	342

Critically Endangered (CR) Species

A **Critically Endangered** (CR) species is one that has been categorised by the International Union for Conservation of Nature (IUCN) as facing an extremely high risk of extinction in the wild.

Dipterocarpus costulatus (Dipterocarpacae)







GPS (DD): 3.611180, 102.262699

Hopea mengarawan (Dipterocarpaceae)



(ACE)	Merawan Penak (Local Name)
0	Bukit Angin
₽ III III	Critically Endangered (IUCN 2001)
	The leaves are leathery and have many veins.
	January 2014





GPS (DD): 3.611827, 102.262872

Shorea lepidota (Dipterocarpaceae)









GPS (DD): 3.591029, 102.279033

Vatica lobata (Dipterocarpaceae)



	Resak Paya (Local Name)
0	Bukit Angin
	Critically Endangered (IUCN 2001)
	The fruits are covered with thick, woody but smooth lobes.
	January 2014





GPS (DD): 3.611538, 102.261825

Anisoptera scaphula (Dipterocarpaceae)







G**PS (DD):** 3.611302, 102.262769

Shorea superba

(Dipterocarpaceae)









GPS (DD): 3.612667, 102.262836

Shorea johorensis (Dipterocarpaceae)







GPS (DD): 3.611180, 102.262699

Hopea ferruginea (Dipterocarpaceae)



	Merawan Mata Kucing Merah (Local Name)
0	Bukit Angin
	Critically Endangered (IUCN 2001)
	 The tree produces globular dammar on its bark; The twigs and leaf stalks are densely covered with fine, grey or brown hairs.
	May 2014

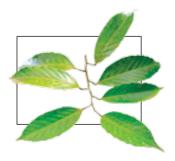




GPS (DD): 3.613398, 102.261812

Dipterocarpus kerrii (Dipterocarpaceae)







GPS (DD): 3.596209, 102.276795

Shorea sumatrana (Dipterocarpaceae)









GPS (DD): 3.595821, 102.277524

Dipterocarpus baudii (Dipterocarpaceae)



	Keruing Bulu (Local Name)
0	Bukit Kiab
S	Critically Endangered (IUCN 2001)
	Leaf buds, outside stipules, twigs, petioles and inflorescences are covered with dense, persistently tufted rufous tomentum.
	November 2015





GPS (DD): 3.593787, 102.278696

Shorea hemsleyana (Dipterocarpaceae)









GPS (DD): 3.603951, 102.252240

Hopea pubescens (Dipterocarpaceae)





Merawan Bunga (Local Name)

\bigcirc	Bukit Angin
Ŷ	Critically Endangered (IUCN 2001)
	A tree with fissured bark and pubescent twigs.
	February 2015





GPS (DD): 3.609442, 102.268990

Shorea assamica (Dipterocarpaceae)



	Meranti Pipit (Local Name)
0	Bukit Kiab
Ŷ	Critically Endangered (IUCN 2001)
	 The inner bark is pink; The petioles, midrib above the leaves and under surface are covered with pale brownish yellow hairs.
	April 2015





GPS (DD): 3.591260, 102.278322

Hopea beccariana (Dipterocarpaceae)







GPS (DD): 3.613620, 102.2611760

Shorea elliptica (Dipterocarpaceae)



	Balau Teml (Local Name
0	Bukit Kiab

÷

Balau Tembaga (Local Name)

(UCN 2001)
	The crown is yellowish- brown; The elliptic leaves are glaucous and harshly hairy along the nerves of
	the leaves' under surface.

Critically Endangered

November 2015





GPS (DD): 3.593589, 102.279362

Shorea macrantha (Dipterocarpaceae)





(

Meranti Kepong Hantu (Local Name)

\mathbb{Q}	Bukit Pasir
Ŷ	Critically Endangered (IUCN 2001)
	 The branches are droopy, leaves unequal-sided and tomentose; Fruits are large and wingless.

December 2015





GPS (DD): 3.585689, 102.286436

Shorea kunstleri (Dipterocarpaceae)



(A)	Balau Laut Merah (Local Name)
	Bukit Kiab
Ŷ	Critically Endangered (IUCN 2001)
	 It has a closed fissured bark; Dammar is yellow-crusted.
	December 2015





GPS (DD): 3.591377, 102.281502

Dipterocarpus grandiflorus (Dipterocarpaceae)









GPS (DD): 3.585648, 102.287549

Shorea longisperma (Dipterocarpaceae)



	Damar Hitam Bulu (Local Name)
0	Bukit Pasir
	Critically Endangered (IUCN 2001)
	The fallen leaves often curled up, reddish on the upper surface and pale hairy on the under surface.
	January 2017





GPS (DD): 3.585693, 102.287554

Shorea materialis (Dipterocarpaceae)









GPS (DD): 3.585693, 102.287554

Parashorea stellata (Dipterocarpaceae)



	Gerutu-Gerutu (Local Name)
0	Bukit Pasir
Ŵ	Critically Endangered (IUCN 2001)
	 The trunk has large starshaped lenticels around the base and buttress; Veins on leaves are acutely angled.
	February 2017





GPS (DD): 3.586215, 102.286541









GPS (DD): 3.586215, 102.286541

Hopea subalata (Dipterocarpaceae)



	Merawan Kanching (Local Name)
0	Bukit Pasir
	Critically Endangered (IUCN 2001)
	 The leaves have sub- dryobalanoid veins; The fruits are almost wingless.
	December 2015





GPS (DD): 3.586041, 102.286610

Vatica yeechongii (Dipterocarpaceae)









GPS (DD): 3.586041, 102.286610

Shorea peltata (Dipterocarpaceae)



	Meranti Telepok (Local Name)
	Bukit Pasir
Ê	Critically Endangered (IUCN 2001)
	The leaves are peltate.
	May 2018





GPS (DD): 3.586196, 102.286584

Hopea auriculata (Dipterocarpaceae)









GPS (DD): 3.586041, 102.286610

Dipterocarpus sarawakensis (Dipterocarpaceae)



	Keruing Layang (Local Name)
0	Bukit Pasir
	Critically Endangered (IUCN 2001)
	The leaves are broadly obovate and obtuse and covered with coarse and dense indumentum.
	May 2018





GPS (DD): 3.585870, 102.286360

Shorea inappendiculata (Dipterocarpaceae)





0

Damar Angin (Local Name) Bukit Pasir

- Critically Endangered (IUCN 2001)
 - The twigs are generally flattened.
- December 2015





GPS (DD): 3.585818, 102.286474

Hopea polyalthioides (Dipterocarpaceae)



	Giam Rambai (Local Name)
0	Bukit Pasir
¶ ∏ ∏	Critically Endangered (IUCN 2001)
	 The leaves are large, oblong and arranged in a distichous way (in two opposite rows, one on each stem). Young twigs are velvety.
	December 2015





GPS (DD): 3.585887, 102.286572

Shorea dealbata (Dipterocarpaceae)









GPS (DD): 3.585922, 102.286486

Hopea glaucescens (Dipterocarpaceae)



	Merawan Kelabu (Local Name)
0	Bukit Pasir
	Critically Endangered (IUCN 2001)
	 The tree has stilt roots; The leaves are glaucescent with prominent but short intermediate veins.
	December 2015





GPS (DD): 3.586057, 102.286556

Hopea sulcata (Dipterocarpaceae)









GPS (DD): 3.586109, 102.286516

Shorea acuminata (Dipterocarpaceae)









GPS (DD): 3.613644 102.261590

Shorea macroptera (Dipterocarpaceae)





Meranti Melantai (Local Name)

Q	Bukit Kiab
Ŵ	Critically Endangered (IUCN 2001)
	 The bark of the trunk is smooth; The leaves are leathery and oblong.
	November 2015





GPS (DD): 3.593545, 102.279347

Endangered (EN) Species

An **Endangered Species** (EN) is a species which has been categorised as very likely to become extinct. Endangered as categorised by the International Union for Conservation of Nature (IUCN) RED List, is the second most severe conservation status for wild populations in the IUCN's scheme after Critically Endangered (CR).

Dryobalanops lanceolata (Dipterocarpaceae)







GPS (DD): 3.609782, 102.262093

Shorea roxburghii (Dipterocarpaceae)







GPS (DD): 3.609782, 102.262093

Shorea leprosula (Dipterocarpaceae)







GPS (DD): 3.593768, 102.278660

Dipterocarpus crinitus (Dipterocarpaceae)



	Keruing Mempelas (Local Name)
0	Bukit Kiab
Ê	Endangered (IUCN 2001)
	The leaves are coarsely hairy on both surfaces.
	November 2015





GPS (DD): 3.591358, 102.278308

Shorea bracteolata (Dipterocarpaceae)









GPS (DD): 3.586147, 102.286470

Shorea pauciflora (Dipterocarpaceae)



	Meranti Nemesu (Local Name)
0	Bukit Pasir
₽ III III	Endangered (IUCN 2001)
	The scaly bole has a purplish red bark.
	December 2015





GPS (DD): 3.585719, 102.286421











GPS (DD): 3.586156, 102.286480

Shorea balanocarpoides (Dipterocarpaceae)



	Damar Hitam Katup (Local Name)
0	Bukit Kiab
	Endangered (IUCN 2001)
	The fruits are wingless and leaves are ovate or obovate-elliptic.
	May 2017





GPS (DD): 3.585669, 102.286349

Dipterocarpus obtusifolius var subnudus (Dipterocarpaceae)









GPS (DD): 3.585933, 102.286431

Dryobalanops oblongifolia (Dipterocarpaceae)



	Keladan (Local Name)
0	Bukit Pasir
۳.	Endangered (IUCN 2001)
	The leaves are oblong in shape.
	December 2014





GPS (DD): 3.593838 102.278793

Shorea ciliata (Dipterocarpaceae)







G**PS (DD):** 3.585839, 102.286567

Vatica stapfiana (Dipterocarpaceae)



	Resak Mempening (Local Name)
0	Bukit Pasir
	Endangered (IUCN 2001)
	The oblancelate leaves have prominent veins.
	December 2015





GPS (DD): 3.585854, 102.286493

Hopea pierrei (Dipterocarpaceae)





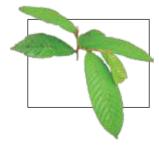


GPS (DD): 3.585930, 102.286600

Shorea ovalis (Dipterocarpaceae)



	Meranti Kepong (Local Name)
0	Bukit Angin
Ш.	Endangered (IUCN 2001)
	 The leaves are boat- shaped and scabrid; Semi-persistent triangular stipules that drop to leave scars on twigs.
	May 2014





GPS (DD): 3.593942 102.278755

Vatica pauciflora (Dipterocarpaceae)







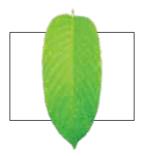


GPS (DD): 3.586228, 102.286495

Shorea parvifolia (Dipterocarpaceae)



	Meranti Sarang Punai (Local Name)
0	Bukit Kiab
	Endangered (IUCN 2001)
	The bark is closely fissured and inner bark is deep red.
	January 2015





GPS (DD): 3.591528 102.278292

Vatica abdulrahmaniana (Dipterocarpaceae)



	- (Local Name)
0	Bukit Pasir
	Endangered (IUCN 2001)
	 The leaves are covered with golden brown indumentum; The leaf veination is prominent.
	December 2015





GPS (DD): 3.585832, 102.286611

Vulnerable (VU) Species

A **Vulnerable Species** (VU) is one which has been categorised by the International Union for Conservation of Nature (IUCN) as likely to become endangered unless the circumstances that are threatening its survival and reproduction improve.

Khaya ivorensis (Meliaceae)







GPS (DD): 3.611644 102.262584

Khaya senegalensis (Meliaceae)



	African Mahogany (Local Name)
0	Bukit Angin
₽ III III	Vulnerable (IUCN 2001)
	An evergreen tree with a rounded crown, and can be deciduous in drier climates.
	October 2014





GPS (DD): 3.609679 102.261489

Neobalanocarpus heimii (Dipterocarpaceae)







G**PS (DD):** 3.593789 102.278801

Hopea odorata (Dipterocarpaceae)









GPS (DD): 3.611402 102.262704

Scaphium longiflorum (Sterculiaceae)









GPS (DD): 3.593966 102.278530

Hopea myrtifolia (Dipterocarpaceae)



	Mata Kucing Beludu (Local Name)
0	Bukit Pasir
	Vulnerable (IUCN 2001)
	The twigs, petioles and upper surface of the midribs are velvety.
	December 2015





GPS (DD): 3.585821, 102.286513

Shorea macrophylla (Dipterocarpaceae)









GPS (DD): 3.586281, 102.287068

Aquilaria malaccensis (Thymelaeaceae)



	Karas (Local Name)
0	Bukit Pasir
Ê	Vulnerable (IUCN 2001)
	 The leaf blade is thin with faint veins; The fungal infected resinous heartwood is highly sought after in trade.
	December 2015





GPS (DD): 3.585795, 102.285547

Near Threatened (NT) Species

A **Near Threatened (NT)** species is a species which has been categorised as Near Threatened (NT) by the International Union for Conservation of Nature (IUCN) as that it may be considered threatened with extinction in the near future, although it does not currently qualify for the threatened status. The IUCN notes the importance of re-evaluating nearthreatened taxon at appropriate intervals.

Dipterocarpus verrucosus (Dipterocarpaceae)









GPS (DD): 3.595356, 102.278306



Shorea scrobiculata (Dipterocarpaceae)









G**PS (DD):** 3.585787, 102.287684

Least Concern (LC) Species

A **Least Concern (LC)** species is a species which has been categorised by the International Union for Conservation of Nature (IUCN) as evaluated but not qualified for any other category. They do not qualify as threatened, near threatened, or (before 2001) conservation dependent.

Aglaia korthalsii (Meliaceae)



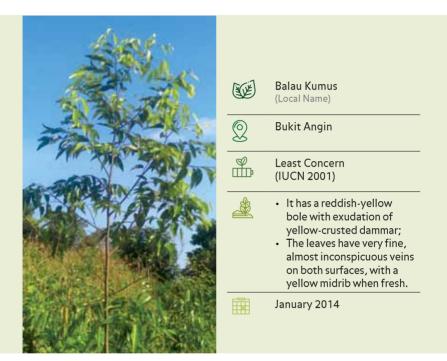
S	Kiat (Local Name)
	Bukit Angin
Ŷ	Least Concern (IUCN 2001)
	 The tree can grow up to 35m tall; It is harvested for its edible fruits.
	October 2014





GPS (DD): 3.609596 102.261785

Shorea laevis (Dipterocarpaceae)







GPS (DD): 3.611541 102.262753

Palaquim maingayi (Sapotaceae)





0

Ŷ

Nyatoh Tembaga (Local Name)

Bukit Angin

Least Concern (IUCN 2001) • Twigs with small semicircular, crescent-shaped or triangular scars;

• Under surface of leaves are covered with woolly brown hairs.

October 2014





GPS (DD): 3.611262 102.262957

Couroupita guianensis (Lecythidaceae)



W	Cannonball Tree (Local Name)
0	Bukit Angin
Ŷ	Least Concern (IUCN 2001)
	 The fruits have large nuts with hard, woody exocarp resembling rusty-brown cannonballs; The fruits require 18 months to mature.
	October 2014





GPS (DD): 3.611262 102.262957

Gnetum gnemon (Gnetaceae)









G**PS (DD):** 3.609456, 102.261705

Aglaia cucullata (Meliaceae)



(JUE)	Bekak (Local Name)
0	Bukit Angin
	Least Concern (IUCN 2001)
	 The tree can grow up to 35m tall; Harvested for its edible fruits.
	June 2014





GPS (DD): 3.612753 102.262745

Koompassia excelsa (Fabaceae)







G**PS (DD):** 3.613491, 102.261712

Archidendron elliptica (Fabaceae)



	Kerdas (Local Name)
	Bukit Pasir
Ŷ	Least Concern (IUCN 2001)
	The young leaves are purple in colour.
	December 2015





GPS (DD): 3.586041, 102.286463

Dipterocarpus oblongifolius (Dipterocarpaceae)







GPS (DD): 3.613005, 102.260487

Sterculia parviflora (Sterculiaceae)



	Kelumpang Burung (Local Name)
0	Bukit Angin
Ê	Least Concern (IUCN 2001)
	lts tiny flowers emerge from bare twigs before new shoots appear.
	June 2016





GPS (DD): 3.613069, 102.260471

Shorea multiflora (Dipterocarpaceae)









GPS (DD): 3.585638, 102.286337

Irvingia malayana (Irvingiaceae)



(I)	Pauh Kijang (Local Name)
0	Bukit Pasir
₩	Least Concern (IUCN 2001)
	The steep plank buttress may reach 6m high.
	February 2017



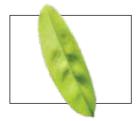


GPS (DD): 3.586695, 102.285799

Payena maingayi (Sapotaceae)







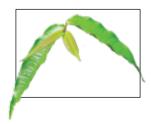


GPS (DD): 3.608727, 102.263893

Cratoxylum arborescens (Hypericaceae)



(I)	Geronggang (Local Name)
0	Bukit Pasir
® ⊞	Least Concern (IUCN 2001)
	 The twigs are prominently angled to flattened; The stipular scars on twigs are prominent as convex or pyramidal lines.
	January 2016



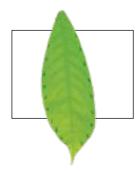


GPS (DD): 3.585583, 102.287251









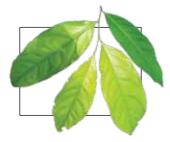


GPS (DD): 3.586281, 102.287068

Shorea curtisii (Dipterocarpaceae)



		Meranti Bukit (Local Name)
	0	Bukit Kiab
A STATE		Least Concern (IUCN 2001)
	<u>A</u>	The tree inhabits hill ridges, has a light greyish crown and lanceolate, glaucous leaves.
- (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		November 2015





GPS (DD): 3.593584, 102.279438

Cassia fistula (Fabaceae)

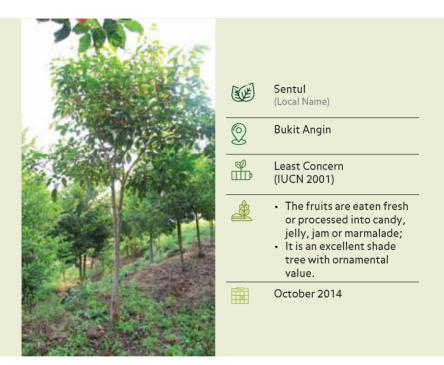






GPS (DD): 3.611402 102.262704

Sandoricum koetjape (Meliaceae)







GPS (DD): 3.609397 102.261701

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Archidendron elliptica	Kerdas	LC	85
Aquilaria malaccensis	Karas	VU	73
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Couroupita guianensis	Cannonball Tree	LC	81
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Dipterocarpus costulatus	Keruing Kipas	CR	12
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Conservation Status	Species
Critically Endengered (CR)	35
Endangered (EN)	17
Vulnerable (VU)	8
Near Threatened (NT)	2
Least Concern (LC)	18
Total	80

Acknowledgement

Our utmost appreciation to:



Plantation

TRUNCKAN OF THE STREET

Forest Research Institute Malaysia (FRIM) Dr Lillian Chua Swee Lian Suhaida Mustafa

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