

Conservation Horticulture for Dipterocarpaceae

Section 2: Dipterocarpaceae in Indonesia

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Dipterocarpaceae of Indonesia

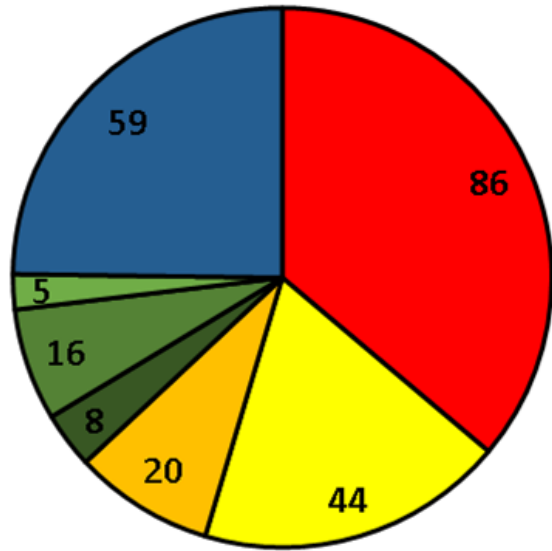


- Indonesia has 238 species of Dipterocarpaceae or 62% of the Malesian species, with Kalimantan (200 species) and Sumatra (111 species) being the center of the diversity (Purwaningsih 2004).
- Located mostly in lowland forests, areas with high rate of tree cutting and forest conversion.
- A total of 150 species (63.4%) of Indonesian Dipterocarpaceae are included as threatened species (CR, EN, VU) by IUCN Red List (IUCN 2019).

Dipterocarpaceae of Indonesia

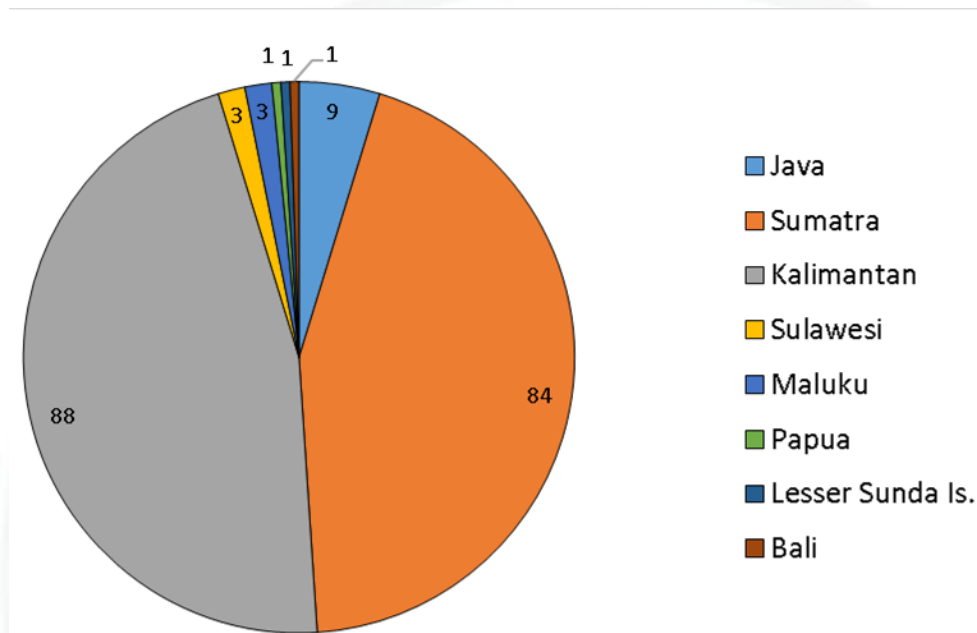


Conservation Status of Indonesian Dipterocarp



■ CR ■ EN ■ VU ■ NT ■ LC ■ DD ■ Not assessed

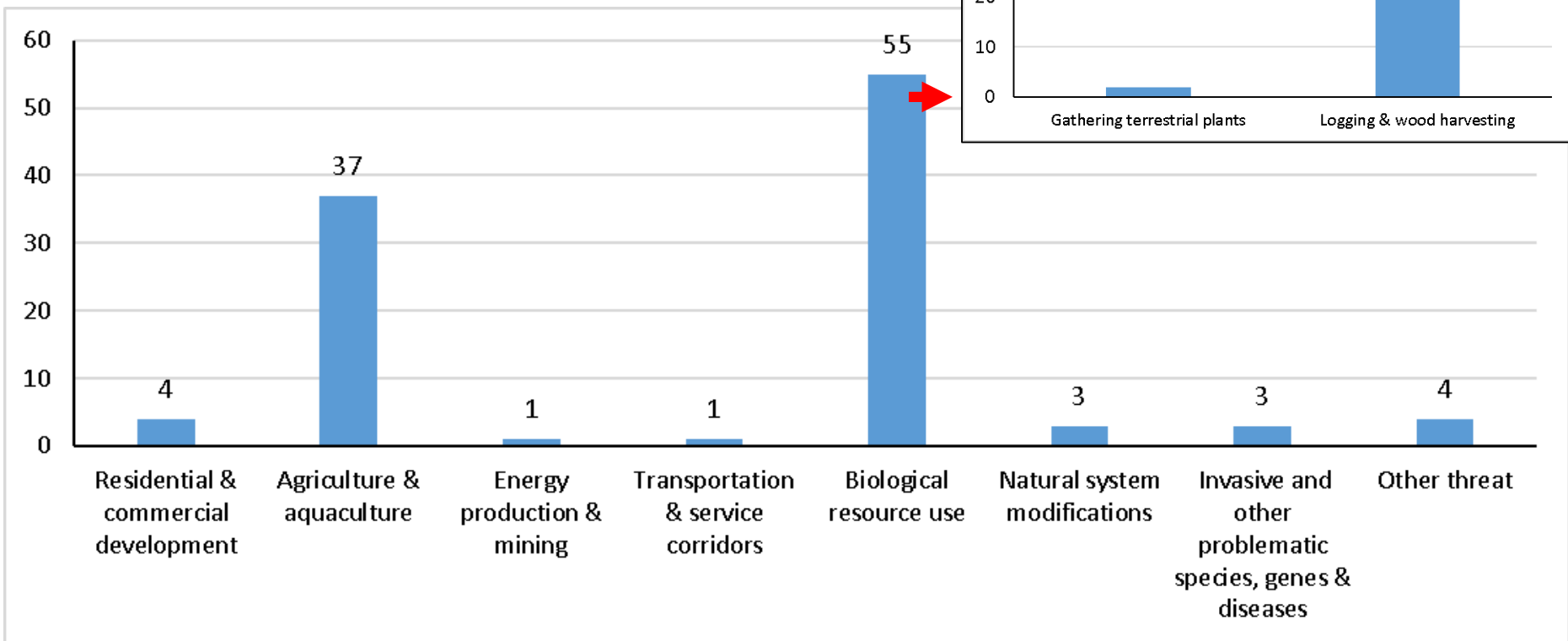
Threatened Species of Indonesian Dipterocarp by Island



Dipterocarpaceae of Indonesia



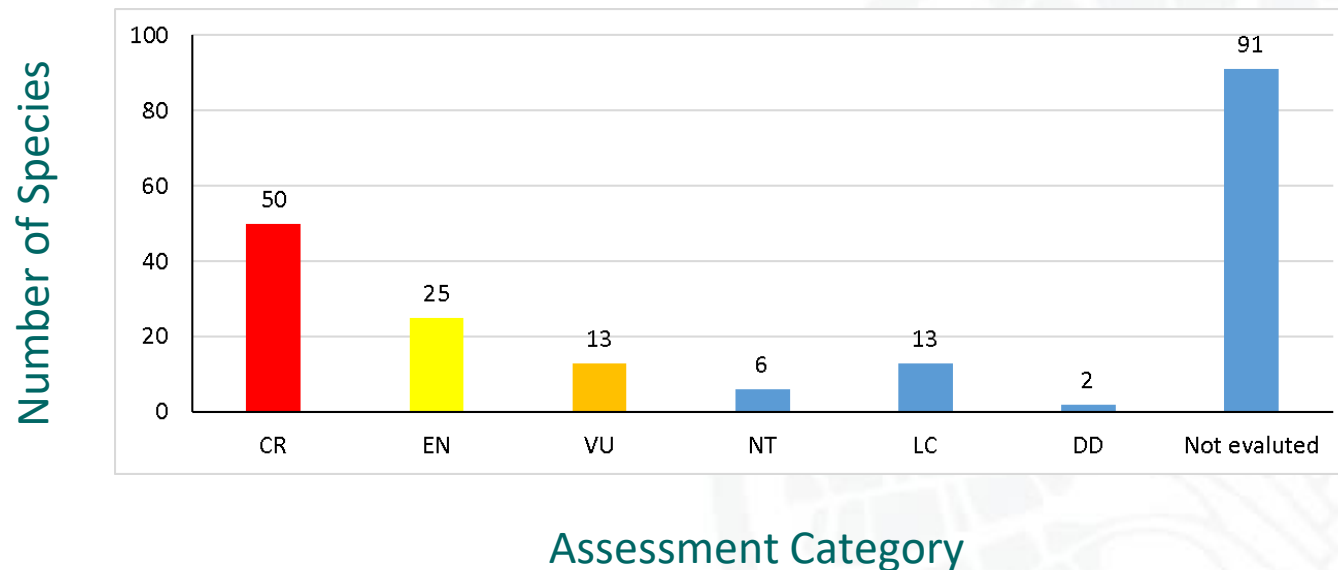
Threats reported from Red List assessments



Dipterocarpaceae of Kalimantan



- Kalimantan is the center of dipterocarp diversity in Indonesia:
200 (84%) of 238 species
- Dipterocarps in Kalimantan are mostly found in lowland forests, areas with high pressure from habitat conversion and illegal logging
- 88 species on Kalimantan (44%) are threatened with extinction



Status of Project Target Species



Species	Global IUCN Red List Category
<i>Anisoptera reticulata</i>	Endangered
<i>Dipterocarpus validus</i>	Near Threatened
<i>Parashorea malaanonan</i>	Least Concern
<i>Shorea andulensis</i>	Vulnerable
<i>Shorea argentifolia</i>	Least Concern
<i>Shorea balangeran</i>	Vulnerable
<i>Shorea polyandra</i>	Vulnerable
<i>Shorea richetia</i>	Vulnerable
<i>Shorea superba</i>	Vulnerable
<i>Shorea symingtonii</i>	Vulnerable
<i>Vatica cauliflora</i>	Critically Endangered
<i>Vatica chartacea</i>	Endangered
<i>Vatica globosa</i>	Endangered
<i>Vatica maritima</i>	Vulnerable
<i>Vatica pentandra</i>	Critically Endangered
<i>Shorea leprosula</i>	Near Threatened

Source: IUCN 2019. The IUCN Red List of Threatened Species. Version 2019-3. <http://www.iucnredlist.org>.

References



IUCN 2019. The IUCN Red List of Threatened Species. Version 2019-3.
<http://www.iucnredlist.org>.

Purwaningsih. 2004. Sebaran Ekologi Jenis-jenis Dipterocarpaceae di Indonesia. Ecological distribution of Dipterocarpaceae species in Indonesia. Biodiversitas. 5 (2): pp. 89-95

End of Section 2.

Go to Section 3: Collection and Nursery Propagation



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