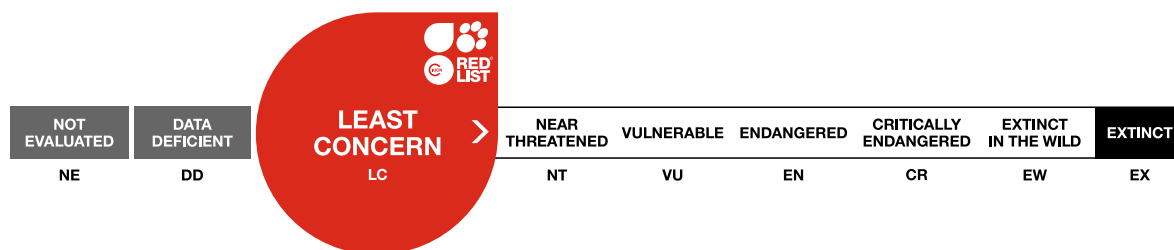


## *Dalbergia sissoo*

Assessment by: Lakhey, P., Pathak, J. & Adhikari, B.



View on [www.iucnredlist.org](http://www.iucnredlist.org)

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## Taxonomy

Kingdom	Phylum	Class	Order	Family
Plantae	Tracheophyta	Magnoliopsida	Fabales	Fabaceae

**Scientific Name:** *Dalbergia sissoo* Roxb. ex DC.

### Taxonomic Source(s):

Board of Trustees, RBG Kew. 2020. Plants of the World Online Portal. Richmond, UK Available at: <http://www.plantsoftheworldonline.org>.

## Assessment Information

**Red List Category & Criteria:** Least Concern [ver 3.1](#)

**Year Published:** 2020

**Date Assessed:** November 3, 2019

### Justification:

This species is a widely cultivated and has been planted throughout the world in tropical and sub-tropical areas. Although it was previously affected by *Dalbergia* die-back disease, now this disease is subsiding. Due to its large extent of occurrence (EOO) of more than 4,000,000 km<sup>2</sup>, its frequent cultivation, and its recent inclusion in CITES appendix II, this species is here assessed as Least Concern.

## Geographic Range

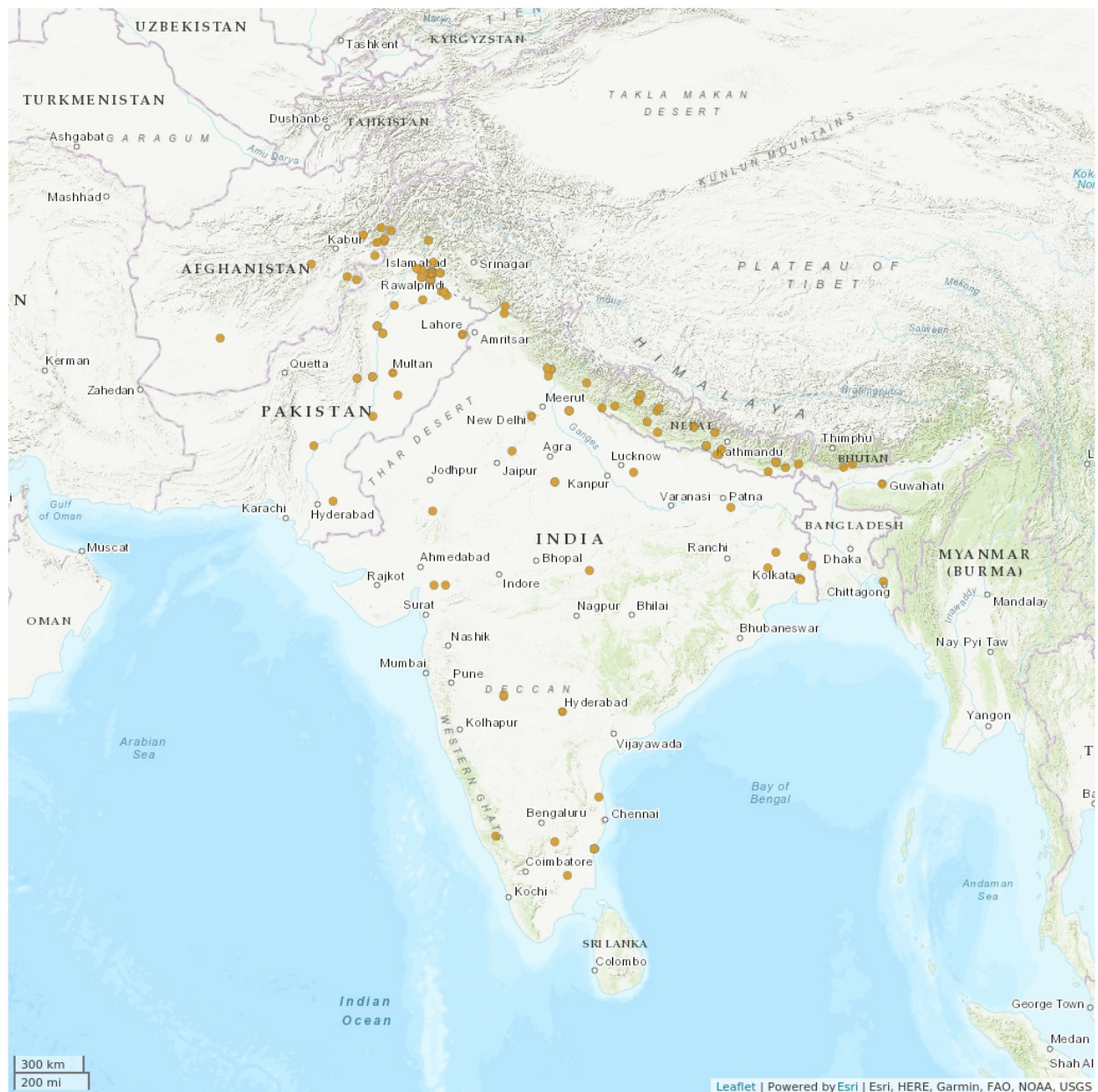
### Range Description:

This tree species is a native to tropical Himalaya (Kashmir to Sikkim), Assam, and Bengal, but is widely cultivated in tropical to subtropical Africa and west Asia. Flora of Pakistan reports it as naturally occurring also in Pakistan, Afghanistan, Persia, and Iraq. According to the Flora of Bhutan, it has been reported from Phuntsholing, Sarbhang and Gaylegphug districts. Any reports outside of the Himalayan tropics in subtropics in various parts of the world (including southeast Asia, Australia, the Americas, and Africa) are probably due to the widespread cultivation of this species. The estimated extent of occurrence (EOO) is 4,074,747 km<sup>2</sup>.

### Country Occurrence:

**Native, Extant (resident):** Afghanistan; Bangladesh; Bhutan; India; Iran, Islamic Republic of; Myanmar; Nepal; Pakistan

# Distribution Map

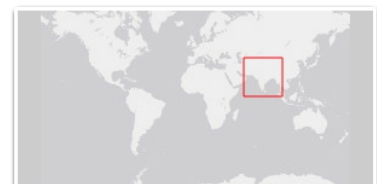


## Legend

● EXTANT (RESIDENT)

Compiled by:

RBGE 2020



The boundaries and names shown and the designations used on this map do not imply any official endorsement, acceptance or opinion by IUCN.

## Population

The population status of this species has not been studied.

**Current Population Trend:** Unknown

## Habitat and Ecology (see Appendix for additional information)

This species is a deciduous tree 10–25 m tall, growing in tropical and subtropical forests in well-drained sandy river banks. It is the pioneer colonizer.

**Systems:** Terrestrial

## Use and Trade

This tree species is valued for its timber which is very durable and produces an excellent finishing colour and smoothness, and is mainly used for furniture. It also yields excellent fuel wood. The leaves and young shoots are used as fodder, typically in winter. The species also has reputed medicinal properties in the treatment of skin diseases, blood diseases, syphilis, stomach problems, and as an expectorant, etc. The tree also has agroforestry and ornamental values. It is widely cultivated as a mono-culture plantation for timber production. This species is also frequently used in reforestation programs for river banks in tropical and subtropical areas.

## Threats

During 1995–2005, many of the artificial plantations of this species were severely affected by a detrimental disease called *Dalbergia* die-back. However, the incidence of this diseases has decreased since then.

## Conservation Actions (see Appendix for additional information)

All species of *Dalbergia*, including this species, are listed under CITES appendix II. Furthermore, this species is found in several protected areas in Nepal, India and Bhutan. It has been recorded from 20 *ex situ* conservation collections worldwide (BCGI PlantSearch 2019). This species is also present in the *ex situ* collection of the National Botanical Garden in Nepal, and seed orchards have been established to preserve genetic material and to produce propagules.

## Credits

**Assessor(s):** Lakhey, P., Pathak, J. & Adhikari, B.

**Reviewer(s):** Watson, M.

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## External Resources

For [Supplementary Material](#), and for [Images and External Links to Additional Information](#), please see the Red List website.

# Appendix

## Habitats

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Habitat	Season	Suitability	Major Importance?
1. Forest -> 1.5. Forest - Subtropical/Tropical Dry	-	Suitable	-

## Plant Growth Forms

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Plant Growth Form
TL. Tree - large

## Use and Trade

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

End Use	Local	National	International
Other household goods	No	No	No
Food - animal	Yes	No	No
Medicine - human & veterinary	Yes	No	No
Fuels	Yes	No	No
Handicrafts, jewellery, etc.	No	Yes	Yes
Pets/display animals, horticulture	No	Yes	Yes
Establishing ex-situ production *	No	Yes	Yes

## Conservation Actions in Place

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Conservation Action in Place
In-place land/water protection
Occurs in at least one protected area: Yes
In-place species management
Subject to ex-situ conservation: Yes
In-place education
Included in international legislation: Yes

<b>Conservation Action in Place</b>
Subject to any international management / trade controls: Yes

## Additional Data Fields

<b>Distribution</b>
Estimated extent of occurrence (EOO) (km <sup>2</sup> ): 4074747.6
Lower elevation limit (m): 200
Upper elevation limit (m): 1,400

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