



Orophea erythrocarpa

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Plantae	Tracheophyta	Magnoliopsida	Magnoliales	Annonaceae

Scientific Name: *Orophea erythrocarpa* Bedd.

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: Vulnerable B1ab(iii)+2ab(iii) [ver 3.1](#)

Year Published: 2022

Date Assessed: July 12, 2020

Justification:

Orophea erythrocarpa is a tree or shrub species endemic to southwest India. The extent of occurrence (EOO) is 10,030 km² and the area of occupancy (AOO) is 36 km². This species is only known from eight locations. It occurs in lowland forests that are threatened by habitat loss from forest plantations, agricultural expansion, dams and urbanisation. Therefore, it is assessed as Vulnerable.

Geographic Range

Range Description:

Orophea erythrocarpa is endemic to southwest India.

Country Occurrence:

Native, Extant (resident): India

Distribution Map



Legend
■ EXTANT (RESIDENT)

Compiled by:
 GTA 2021



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



Population

The population size and trend for this species are currently unknown.

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

A shrub or small tree species that occurs in evergreen forests, up to 800 m altitude.

Systems: Terrestrial

Threats (see Appendix for additional information)

Habitat loss because of forest cover loss is a possible threat for all species of *Orophea* (Hansen *et al.* 2013). This species occurs in areas that have been subject to habitat loss from forest plantations, agricultural expansion, dams and urbanisation.

Conservation Actions (see Appendix for additional information)

No specific conservation actions are currently undertaken.

Credits

Assessor(s): Verspagen, N., Erkens, R.H.J., Amitha Bachan, K.H. & Devika, M.A.

Reviewer(s): Hills, R.

Partner(s) and Institution(s): Botanic Gardens Conservation International

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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 -> 1.6. Forest - Subtropical/Tropical Moist Lowland	Resident	Suitable	-

Plant Growth Forms

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

Plant Growth Form
SL. Shrub - large
TS. Tree - small

Threats

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

Threat	Timing	Scope	Severity	Impact Score
1. Residential & commercial development -> 1.1. Housing & urban areas	Ongoing	Unknown	Unknown	Unknown
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.1. Species mortality 2. Species Stresses -> 2.2. Species disturbance		
2. Agriculture & aquaculture -> 2.1. Annual & perennial non-timber crops -> 2.1.1. Shifting agriculture	Ongoing	Unknown	Unknown	Unknown
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.1. Species mortality 2. Species Stresses -> 2.2. Species disturbance		
2. Agriculture & aquaculture -> 2.2. Wood & pulp plantations -> 2.2.3. Scale Unknown/Unrecorded	Ongoing	Unknown	Unknown	Unknown
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.1. Species mortality 2. Species Stresses -> 2.2. Species disturbance		
7. Natural system modifications -> 7.2. Dams & water management/use -> 7.2.11. Dams (size unknown)	Ongoing	Unknown	Unknown	Unknown
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.1. Species mortality 2. Species Stresses -> 2.2. Species disturbance		

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

Research Needed

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

Research Needed
1. Research -> 1.2. Population size, distribution & trends
1. Research -> 1.5. Threats

Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km ²): 36
Extreme fluctuations in area of occupancy (AOO): No
Estimated extent of occurrence (EOO) (km ²): 10030
Extreme fluctuations in extent of occurrence (EOO): No
Number of Locations: 8
Upper elevation limit (m): 800
Habitats and Ecology
Continuing decline in area, extent and/or quality of habitat: Yes

The IUCN Red List Partnership



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