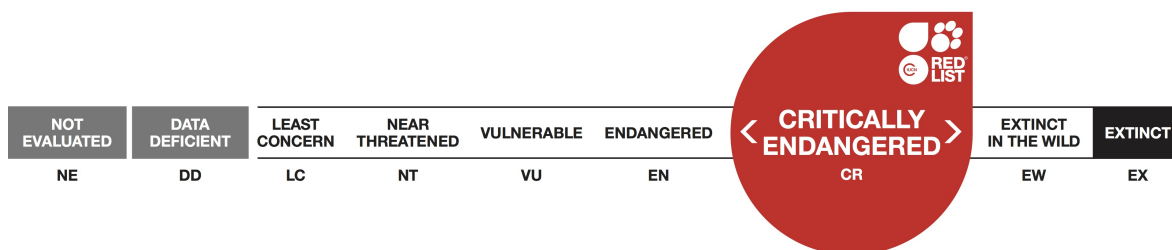


Pittosporum leroyanum

Assessment by: Gemmill, C. *et al.*



View on www.iucnredlist.org

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Plantae	Tracheophyta	Magnoliopsida	Rosales	Pittosporaceae

Taxon Name: *Pittosporum leroyanum* Tirel & Veillon

Taxonomic Source(s):

Tirel, Ch. and Veillon, J.-M. 2002. *Flore de la Nouvelle-Calédonie, tome 24. Pittosporaceae*. Museum d'Histoire Naturelle, Paris.

Assessment Information

Red List Category & Criteria: Critically Endangered (Possibly Extinct) D [ver 3.1](#)

Year Published: 2017

Date Assessed: July 24, 2015

Justification:

A rare endemic shrub of New Caledonia, *Pittosporum leroyanum* is known only from one locality: Gadji forest on île des Pins. *Pittosporum leroyanum* has been recollected only once in 1980 in undergrowth dense forest containing some elements of sclerophyllous forest on madreporic substrate at low altitude. Since this collection, *P. leroyanum* has never been seen again despite field survey efforts. On the basis of this single collection and difficulties to locate the population again, population size is estimated to be fewer than 50 mature individuals. Using criterion D, *P. leroyanum* qualifies as Critically Endangered (Possibly Extinct) (CR PE) D.

Date last seen: 1980

Geographic Range

Range Description:

A rare endemic shrub of New Caledonia, *Pittosporum leroyanum* is known only from one locality at Gadji forest on île des Pins.

Country Occurrence:

Native: New Caledonia

Distribution Map

Pittosporum leroyanum



Range

- Extant (resident)

Compiled by:

IUCN SSC New Caledonia Plants RLA



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



Population

Since 1980 , *Pittosporum leroyanum* has never been seen again in spite of field surveys efforts, total population size is estimated to be fewer than 50 individuals.

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

Pittosporum leroyanum has been recollected only once in 1980 in the undergrowth of dense forest containing some elements of sclerophyllous forest on madreporic substrate at low altitude.

Systems: Terrestrial

Threats

This rare species is declared missing without identifying the threat in question.

Conservation Actions (see Appendix for additional information)

Pittosporum leroyanum is not protected by any legislation nor does it occur in any protected areas. Field surveys on île des Pins are required to confirm its extinction.

Credits

Assessor(s): Gemmill, C., Veillon, J.-M., Amice, R., Cazé, H., Dumontet, V., Fleurot, D., Garnier, D., Gâteblé, G., Letocart, I., Letocart, D., Maggia, L. & Pain, A.

Reviewer(s): Tanguy, V.

**Facilitators(s) and
Compiler(s):** Chanfreau, S.

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Citation

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External Resources

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	-	Suitable	-

Conservation Actions in Place

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

Conservation Actions in Place
In-Place Land/Water Protection and Management
Occur in at least one PA: No
Invasive species control or prevention: No
In-Place Species Management
Successfully reintroduced or introduced benignly: No
Subject to ex-situ conservation: No

Research Needed

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

Research Needed
1. Research -> 1.1. Taxonomy
1. Research -> 1.2. Population size, distribution & trends

Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km ²): 4
Continuing decline in area of occupancy (AOO): Unknown
Extreme fluctuations in area of occupancy (AOO): No
Estimated extent of occurrence (EOO) (km ²): 4
Continuing decline in extent of occurrence (EOO): Unknown
Extreme fluctuations in extent of occurrence (EOO): No
Continuing decline in number of locations: Unknown

Distribution
Extreme fluctuations in the number of locations: No
Lower elevation limit (m): 5
Upper elevation limit (m): 20
Population
Number of mature individuals: 1-49
Continuing decline of mature individuals: Unknown
Extreme fluctuations: No
Population severely fragmented: No
No. of subpopulations: 1
Extreme fluctuations in subpopulations: No
Habitats and Ecology
Continuing decline in area, extent and/or quality of habitat: Unknown
Generation Length (years): 0

The IUCN Red List Partnership



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