The Red List of Trees of Madagascar

Emily Beech, Malin Rivers, Marina Rabarimanarivo, Noro Ravololomanana, Nadiah Manjato, Faranirina Lantoarisoa, Sylvie Andriambololonera, Brigitte Ramandimbisoa, Hélène Ralimanana, Solofo Eric Rakotoarisoa, Henintsoa Razanajatovo, Velosoa Razafiniary, Andotiana Andriamanohera, Vonona Randrianasolo, Franck Rakotonasolo, Andry Rakotoarisoa, Nomentsoa Randriamamonjy, Landy Rajaovelona, Nantenaina Rakotomalala, Tianjanahary Randriamboavonjy, Mamy Tiana Rajaonah, David Rabehevitra, Aro Vonjy Ramarosandratana, Mijoro Rakotoarinivo, Bako Harisoa Ravaomanalina and Vololoniaina Jeannoda

BGCI GTA GTSG IUCN SSC Kew Missouri Botanical Garden Tany Meva Franklinia Critical Ecosystem Partnership Fund

Published by Botanic Gardens Conservation International Descanso House, 199 Kew Road, Richmond, Surrey, TW9 3BW, UK.

ISBN-10: 1-905164-77-7
ISBN-13: 978-1-905164-77-6

 Recommended citation: Beech, E., Rivers, M., Rabarimanarivo, M., Ravololomanana, N., Manjato, N., Lantoarisoa, F., Andriambololonera, S., Ramandimbisoa, B., Ralimanana, H., Rakotoarisoa, S., Razanajatovo , H., Razafiniary, V., Andriamanohera, A., Randrianasolo, V., Rakotonasolo, F., Rakotoarisoa, A., Randriamamonjy, N., Rajaovelona, L., Rakotomalala, N., Randriamboavonjy, T., Rajaonah, M., Rabehevitra, D., Ramarosandratana, A.V., Rakotoarinivo, M., B.H. Ravaomanalina and Jeannoda, V. (2021). *Red List of Trees of Madagascar*. BGCI. Richmond, UK.

AUTHORS
Emily Beech and Malin Rivers:
Botanic Gardens Conservation International

Marina Rabarimanarivo, Noro Ravololomanana, Nadiah Manjato, Faranirina Lantoarisoa, Sylvie Andriambololonera and Brigitte Ramandimbisoa:
Missouri Botanical Garden Madagascar Program

Hélène Ralimanana, Solofo Eric Rakotoarisoa, Henintsoa Razanajatovo, Velosoa Razafiniary, Andotiana Andriamanohera, Vonona Randrianasolo, Franck Rakotonasolo, Andry Rakotoarisoa, Nomentsoa Randriamamonjy, Landy Rajaovelona, Nantenaina Rakotomalala, Tianjanahary Randriamboavonjy, Mamy Tiana Rajaonah and David Rabehevitra:
Kew Madagascar Conservation Centre

Aro Vonjy Ramarosandratana and Mijoro Rakotoarinivo: University of Antananarivo (Plant Biology and Ecology Department)

Bako Harisoa Ravaomanalina and Vololoniaina Jeannoda:
Madagascar Plant Specialist Group

COVER PHOTOS
Front cover: *Delonix regia* (Malin Rivers)
Back cover: Hanging garden on a tree trunk in medium altitude moist evergreen forest, Montagne d'Ambre, Northern Madagascar (Laurent Gautier, Conservatoire et Jardin botaniques de la Ville de Genève)

DESIGN
Seascape. www.seascapedesign.co.uk

BOTANIC GARDENS CONSERVATION INTERNATIONAL

BOTANIC GARDENS CONSERVATION INTERNATIONAL (BGCI) is the world's largest plant conservation network, comprising more than 500 botanic gardens in over 100 countries, and provides the secretariat to the IUCN/SSC Global Tree Specialist Group. BGCI was established in 1987 and is a registered charity with offices in the UK, US, China and Kenya.

THE IUCN/SSC GLOBAL TREE SPECIALIST GROUP (GTSG) forms part of the Species Survival Commission's network of over 7,000 volunteers working to stop the loss of plants, animals and their habitats. SSC is the largest of the six Commissions of IUCN – The International Union for Conservation of Nature. It serves as the main source of advice to the Union and its members on the technical aspects of species conservation. The aims of the IUCN/SSC Global Tree Specialist Group are to promote and implement global red listing for trees and to act in an advisory capacity to the Global Trees Campaign.

THE CRITICAL ECOSYSTEM PARTNERSHIP FUND is a joint initiative of l'Agence Francaise de Développement, Conservation International, the European Union, the Global Environment Facility, the Government of Japan and the World Bank. A fundamental goal is to ensure civil society is engaged in biodiversity conservation.

TANY MEVA is the CEPF regional implementation team for the Madagascar and Indian Ocean Islands biodiversity hotspot. Together, they enable civil society to protect ecosystems and species.

The Red List of Trees of Madagascar

March 2021

Emily Beech, Malin Rivers, Marina Rabarimanarivo, Noro Ravololomanana, Nadiah Manjato, Faranirina Lantoarisoa, Sylvie Andriambololonera, Brigitte Ramandimbisoa, Hélène Ralimanana, Solofo Eric Rakotoarisoa, Henintsoa Razanajatovo, Velosoa Razafiniary, Andotiana Andriamanohera, Vonona Randrianasolo, Franck Rakotonasolo, Andry Rakotoarisoa, Nomentsoa Randriamamonjy, Landy Rajaovelona, Nantenaina Rakotomalala, Tianjanahary Randriamboavonjy, Mamy Tiana Rajaonah, David Rabehevitra, Aro Vonjy Ramarosandratana, Mijoro Rakotoarinivo, Bako Harisoa Ravaomanalina and Vololoniaina Jeannoda

BGCI GTA GTSG IUCN SSC Species Survival Commission Kew Royal Botanic Gardens Missouri Botanical Garden Groupe des Spécialistes des Plantes de Madagascar Fondation Tany Meva Franklinia Foundation CRITICAL ECOSYSTEM PARTNERSHIP FUND

Contents

Alluaudia procera *(KMCC SE Rakotoarisoa)*

Karomia macrocalyx *(KMCC SE Rakotoarisoa)*

Acknowledgements

Madagascar littoral forest (Paul Smith)

We would like to thank all the assessors who contributed assessments for this analysis, as well as those taxonomic experts who reviewed the assessments. We are grateful to all members of the IUCN SSC Madagascar Plant Specialist Group for their work to review the Red List assessments for this project. We are grateful to those who contributed to the case studies in this report.

Thanks go to the Global Tree Assessment team at BGCI and the IUCN SSC Global Tree Specialist Group for their efforts in preparing the assessments for submission to IUCN as well as organising and facilitating the Red List workshops. Thank you to the IUCN Red List Unit for their support in the entry and publication of these assessments.

This work was funded by a Critical Ecosystem Partnership Fund (CEPF) project ("Assessing the Conservation Status of Madagascar's Trees for Effective Conservation of Key Biodiversity Areas and Protected Areas") and Fondation Franklinia.

We are indebted to Professor Bakolimalala Rakouth for the translation of the Executive Summary into Malagasy. Thanks to Fano Rajaonary for the spatial analysis.

All the gardens that shared their collection information and published data on BGCI's PlantSearch database are gratefully acknowledged.

IUCN Red List Categories

- **EX** Extinct
- **EW** Extinct in the Wild
- **CR** Critically Endangered
- **EN** Endangered
- **VU** Vulnerable
- **NT** Near Threatened
- **LC** Least Concern
- **DD** Data Deficient
- **NE** Not Evaluated

Foreword

The place of trees in the life of humankind no longer needs to be proven. As an illustration of their importance, trees or **Hazo** in Malagasy are mentioned in many Malagasy proverbs and adages:

Hazo avo alan-drivotra: the wind first destroys the emergent trees: (jealousy); **ny Hazo no vanonko lakana , ny ala naniriany no tsara**: if we make a pirogue from a tree, it is thanks to the forest that nourished it (all good things are the fruit of their environment); **Hazo tokana tsy mba ala**: a single tree is not a forest (union is strength). Nowadays, it is not unusual to find a single tree in a vast bare landscape, with the distant echoes of a forest that was once there, a witness to the deforestation that Madagascar has experienced since the first arrival of humans to the island. Since 1950, or in the last 70 years, the island has lost almost half of its natural forests (a loss of 44% has been recorded, or 1.6% per year). This loss of forest cover is accentuated by the fragmentation of the remaining intact forest.

Many authors have repeatedly warned that deforestation and fragmentation constitutes a great danger to Madagascar's unique biodiversity, causing a loss of both quality (taxa) and quantity (individuals). This loss could also be thought of in terms of habitat decline as the vegetation shelters and feeds the fauna.

Adansonia suarezenis *(KMCC SE Rakotoarisoa)*

The causes of deforestation are multiple, but here we are highlighting the anarchic exploitation of our valued woods, which leads to imbalances in their known populations. Analyses to assess the conservation status of species are necessary to better guide decision-making for tree species management. It is no longer necessary to demonstrate the central ecological role of different tree species in regulating the functioning of the elements of our ecosystem.

This Red List of tree species mentions that of the 2,904 endemic species, 1,828 are assessed as threatened. This Red List is an indicator for monitoring the status of forest tree species. With this tool, it will be possible to identify priorities for action and to raise awareness among stakeholders in order to take action to limit extinction. The use of this document will contribute to improving governance and, by extension, to the development of legal and regulatory tools as well as forest resource management techniques.

I commend the fruitful collaboration of the botanical community of Madagascar with Botanic Gardens Conservation International, which has resulted in the production of this national report on the status of our trees. However, the reach of this report goes beyond Madagascar; this report will be useful at a global level, as Madagascar's rich, endemic biodiversity is a global asset.

Julien Noël Rakotoarisoa,
Director General of Environmental Governance

AVANT-PROPOS

La place des arbres n'est plus à démontrer dans la vie de l'humanité, à titre d'illustration, les arbres ou **Hazo** en Malagasy figurent dans bon nombre de proverbes et d'adages Malagasy :

Hazo avo alan-drivotra : le vent décime en premier les arbres émergents : (jalousie) ; **ny Hazo no vanonko lakana , ny ala naniriany no tsara** : si avec un arbre on arrive à fabriquer une pirogue, c'est grace à la foret qui l'a nourrie (toute bonne chose est le fruit de son milieu) ; **Hazo tokana tsy mba ala** : un seul arbre n'est pas une foret (l'Union fait la force). Actuellement il n'est pas rare de rencontrer dans un vaste paysage dénudé un seul arbre, témoin l'existence lointaine d'une forêt, témoin de la déforestation qu'a connue Madagascar depuis la venue de ses premiers peuples. Depuis 1950, c'est-à-dire en 70 ans, l'ile a perdu presque la moitié de ses forêts naturelles (une perte de 44% a été enregistrée soit 1,6% par an). Cette perte en surface est accentuée par la fragmentation des massifs forestiers restants.

Delonix floribunda *(Malin Rivers)*

Bien d'auteurs n'ont cessé d'alarmer que la déforestation et la fragmentation constituent un grand danger pour la biodiversité unique de Madagascar qui connait une perte en qualité (taxons) et en quantité (individus). Cette perte pourrait être également traduite en termes de déclin de l'habitat comme la végétation (flore) abrite et nourrit la faune.

La cause de la déforestation est multiple mais ici signalons juste l'exploitation anarchique de nos bois précieux qui entraine un déséquilibre des populations connues. Des analyses pour apprécier les risques d'extinction des espèces s'avèrent nécessaires pour une meilleure orientation de la prise de décision dans les activités de gestion des espèces d'arbres. Il n'est plus à démontrer le rôle central écologique de différentes espèces arbres dans la régulation du fonctionnement des éléments de notre écosystème.

Ce livre sur la Liste Rouge des espèces d'arbres mentionne que sur les 2,904 espèces endémiques, 1,828 appartiennent aux catégories des menacées. Cette Liste Rouge est un indicateur pour suivre l'état des essences d'arbres forestières. Avec cet outil, l'identification des priorités d'action et la sensibilisation des parties prenantes pour agir en vue de limiter le taux d'extinction seront possibles. L'exploitation de ce document va dans le sens d'une amélioration de la gouvernance et par extension dans le développement d'outils juridiques, règlementaires et de techniques de gestion des ressources forestières.

Je loue la collaboration fructueuse de la communauté botanique de Madagascar avec le Botanic Gardens Conservation International qui s'est soldée par la production de cette référence nationale de l'état de Santé de nos arbres. Mais ce référencement va au-delà de la territorialité de Madagascar car ce livre trouvera son utilité au niveau planétaire étant donné que la Biodiversité de Madagascar riche en terme d'endémicité constitue une richesse mondiale.

Julien Noël Rakotoarisoa,
Directeur General de la Gouvernance Environnementale

Executive summary

English

The *Red List of Trees of Madagascar* provides the first comprehensive assessment of the conservation status of the trees of Madagascar. Madagascar is home to 3,118 tree species, making it the twelfth most species rich country in the world with respect to tree diversity. Moreover, 93% (2,904) of these trees are endemic to Madagascar. Until now, there was very limited data on the conservation status of Madagascar's trees.

Overall, 1,828 (63%) of Madagascar's endemic tree species are threatened with extinction (assessed as Critically Endangered, Endangered or Vulnerable). The majority of these trees are threatened by small ranges, few locations and declines. The primary threats to Malagasy tree species are logging and wood harvesting, agricultural expansion and increased fires.

Currently, only 285 (16%) of threatened trees endemic to Madagascar are found in *ex situ* collections. This falls far short of Target 8 of the Global Strategy for Plant Conservation which states that at least 75% of threatened species should be held in *ex situ* collections.

This publication establishes the first baseline for the conservation status of the trees of Madagascar and highlights the opportunities to increase and create protections for the island's unique tree diversity.

Malagasy

Ny lisitra mena ny Hazon'i Madagasikara dia manome ny fanadihadina vohalohany mikasika ny sata fiarovana ny hazon'ny Madagasikara. Madagasikara dia manana karazan-kazo 3118, izay mametraka azy ho anisan'ireo firenena 12 manankarena indrindra maneran-tany raha ny maha marolafy ny hazo no jerena. Mihoatra ny 93% (2,904) n'ireo hazo ireo dia zana-tany na tsy misy afa tsy eto Madagasikara. Hatramin'izao , dia vitsy dia vitsy ireo antontan-kevita momban'ny sata fiarovana ny hazon'i Madagasikara. Raha antotaly dia 1828 (63%) an'ireo karazan-kazo zanatanin'i Madagasikara no tandidomindoza ho lany tamingana (kilasiana :Ahiana tena ho lany tamingana, ahiana ho lany tamingana, ary marefo). Ny ankamaroan'ireo hazo ireo dia noho izy tsy mielipatrana, na hita amin'na toerana vitsy, na izy miha vitsy isa. Ny loza fototra ho an'ireo karazan-kazo malagasy dia ny fanapahana ny ala, fanangonana hazo, fanitarana tanim-boly ary ny fitombon'ny afo. Ankehitriny diany 285 (16%) fotsiny amin'ireo hazo zanatany tandidomindoza eto Madagasikara no hita any amin'toerana ivelan'ny ala tahiry. Izany dia tena manalavitra ny tarigetra faha 8 ny Tetikady maneran-tany momban'ny fiharovana ny zava-maniry izay manambara fa fara faha keliny dia ny75% ny karazany tandidomindoza no tokony ho tehirizina amin'ny toerana ivelan'ny ala voajanahary nisy azy. Ity lahatsoratra navoaka ity dia mametraka ny fototra ho an'ny sata fiarovana ny hazon'ny Madagasikara sady manazava ireo toe-javatra hahazoana mampitombo sy mamorona fomba hiharovana ireo hazo marolafy tsy manampaharoan'ny Nosy.

Didierea madagascariensis *(Malin Rivers)*

Southern plateau (Paul Smith)

Background

Madagascar is well known for its iconic fauna and flora. The island has a wealth of habitat types and climatic conditions, explaining its status as a biodiversity hotspot. Madagascar is home to 3,118 tree species, making it the twelfth most species rich country in the world with respect to tree diversity (BGCI 2020a). Moreover, 93% of these trees are endemic to Madagascar. Plant species in Madagascar have become increasingly threatened, with some estimates suggesting Madagascar has lost at least 44% of its forest cover since the 1950s (Vieilledent *et al*. 2018). Despite Madagascar being home to over 2,900 unique tree species and an increasing awareness of the threats facing plants, until relatively recently there has been limited data available about the conservation status of the country's trees.

In 2017, there were only 379 assessments for trees of Madagascar on the IUCN Red List. Over the past three years, more than 2,400 assessments have been compiled by researchers from Missouri Botanical Garden Madagascar Program, Kew Madagascar Conservation Centre, University of Antananarivo, Madagascar Plant Specialist Group, and other institutions across the world, in order to provide a full picture of the status of the trees of Madagascar. Over 94% of these assessments represented the first IUCN Red List assessment for the species. This work was funded by the Critical Ecosystem Partnership Fund in a project called "*Assessing the Conservation Status of Madagascar's Trees for Effective Conservation of Key Biodiversity Areas and Protected Areas*" and Fondation Franklinia. This is the first comprehensive assessment of the status of the trees of Madagascar.

This work has contributed to the Global Tree Assessment, an initiative to assess the world's tree species by 2020 (see Box 1).

Dry thicket Southern Madagascar (Paul Smith)

Box 1: Global Tree Assessment (GTA)

The Global Tree Assessment (GTA) is assessing the conservation status of every known tree species.

Despite the importance of trees, many are threatened by over-exploitation and habitat destruction, as well as by pests, diseases, drought and their interaction with global climate change. In order to estimate the impact of such threats to trees there is an urgent need to conduct a complete assessment of the conservation status of the world's 60,000 tree species – the Global Tree Assessment.

The Global Tree Assessment, led by BGCI and the IUCN SSC Global Tree Specialist Group, prioritises the tree species at greatest risk of extinction. The Global Tree Assessment provides information to ensure that conservation efforts are directed at the right species so that no tree species becomes extinct. www.globaltreeassessment.org.

Methods

Lowland moist evergreen forest, Masoala, Eastern Madagascar
(Above and right: Laurent Gautier, Conservatoire et Jardin botaniques de la Ville de Genève)

All species that met the IUCN SSC Global Tree Specialist Group tree definition were included in this study: a woody plant with usually a single stem growing to a height of at least two metres, or if multi-stemmed, then at least one vertical stem five centimetres in diameter at breast height.

All accepted tree names were considered for this project. The list of trees of Madagascar was created using the Catalogue of Plants of Madagascar (Madagascar Catalogue 2020) and BGCI's GlobalTreeSearch database (BGCI 2020a). The validity of names was determined using the Catalogue as well as Plants of The World Online database (POWO 2020). Of the list of Malagasy tree species, those without an IUCN Red List assessment or those with an old assessment (pre-2010), were assessed by Missouri Botanical Garden Madagascar Program and Kew Madagascar Conservation Centre.

Data were gathered on the distribution, habitat and ecology, population, use and trade, threats and conservation actions. Distribution maps (using georeferenced herbarium records) were also produced following the IUCN Red List Mapping guidelines (IUCN RLTWG, 2019). Assessors then evaluated this information against the IUCN Categories and Criteria. If the data met certain thresholds, the species was assigned one of three threatened categories - Critically Endangered (CR), Endangered (EN), Vulnerable (VU) - or if the thresholds are almost met the species was assessed as Near Threatened (NT). Any species not meeting the thresholds were classified as Least Concern (LC) and those species with insufficient information to complete an assessment were assigned Data Deficient (DD).

For full IUCN Red List methodology please see the IUCN guidelines (IUCN Standards and Petitions Subcommittee, 2019).

Tsebona macrantha: *a valuable giant tree in the family Sapotaceae*. *Masoala, Eastern Madagascar*

To finalise the assessments, they were reviewed during five workshops hosted in Antananarivo, Madagascar by the Madagascar Plant Specialist Group. The purpose of the assessment review was to ensure the data used in the assessments were correct and that the IUCN Categories and Criteria had been applied accurately, giving a true reflection of extinction risk of the species. Following the review process, the assessments and maps were submitted to the IUCN Red List Unit for processing and publishing online. These assessments are now all available online, with supporting information and maps, at the IUCN Red List Website (www.iucnredlist.org).

Results

There are 3,118 tree species found in Madagascar, with 2,904 (93%) considered endemic to Madagascar. To contrast with the entire flora of Madagascar, 11,262 species of vascular plants are reported as native, with 82% endemic to Madagascar (Madagascar Catalogue, 2020; Clubbe *et al*., 2020). The trees of Madagascar are found across 102 plant families. The most speciose families when considering trees are Rubiaceae (284), Malvaceae (247) and Fabaceae (235) (Table 1).

Plant family	Number of species
Rubiaceae	284
Malvaceae	247
Fabaceae	235
Euphorbiaceae	158
Lauraceae	124
Arecaceae	105
Salicaceae	102
Sapotaceae	90
Sapindaceae	89
Ebenaceae	83

Table 1: The ten most tree species rich plant families

Of the tree species endemic to Madagascar, 1,828 species (63%) are considered threatened globally (i.e. assessed as Vulnerable, Endangered and Critically Endangered) (Figure 1, Table 2). There are 155 species (5%) assessed as Near Threatened, almost meeting the criteria for a threatened category. Furthermore, 769 species were considered Least Concern (27%). A further 152 species (5%) are considered to be Data Deficient.

No tree species are categorised as Extinct or Extinct in the Wild. However, 59 species were considered Critically Endangered with the tag "Possibly Extinct". Many species listed as Data Deficient have not been seen for a long period of time and are so poorly known a conservation category could not be assigned.

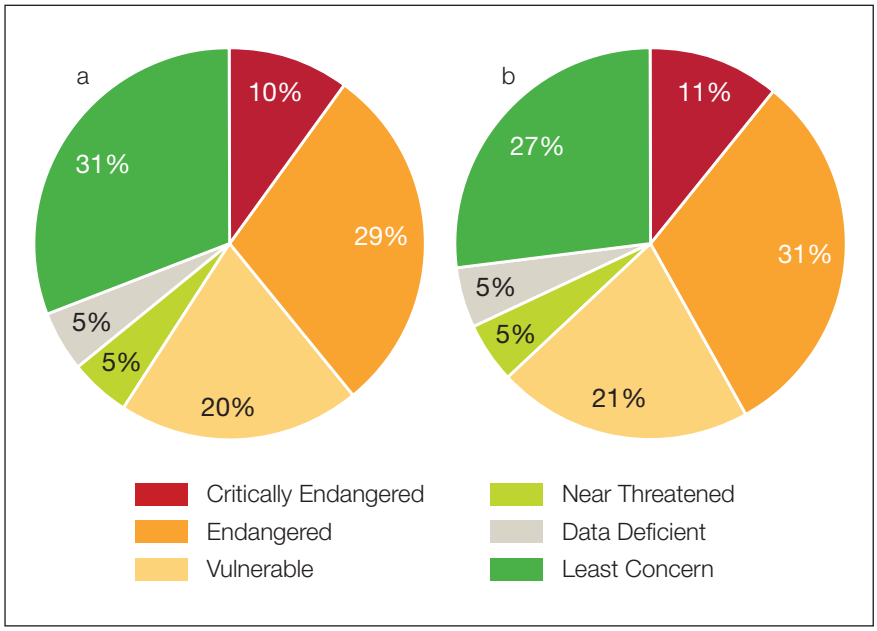


Figure 1: Percentage of trees in each Red List Category for Malagasy natives (a) and Malagasy endemics (b)

IUCN Red List category	All	Endemic
EX	0	0
EW	0	0
CR	320	320
EN	915	911
VU	605	597
NT	160	155
DD	154	152
LC	964	769
Grand Total	3,118	2,904

Table 2: The number of Malagasy tree species in each IUCN Red List Category

Criteria used in the Red List

Almost all the endemic threatened and Near Threatened species were assessed under criterion B, indicating that they have restricted distributions (Table 3). There are very few species assessed using criterion A, population size reduction, indicating a lack of data on the decline of species over time. It also highlights the lack of knowledge of the generation length of these species, required for this criterion, as it is difficult to estimate for many tree species. Criteria C and D apply to species with small populations. Few species were assessed under these criteria indicating a lack of population level information.

IUCN Red List Criteria	Number of species
Criterion A	35
Criterion B	1,873
Criterion C	24
Criterion D	96
Criterion E	0

Table 3: The number of CR, EN, VU and NT endemic Malagasy species assessed under each of the five Red List Criteria.

Habitats

The majority of Madagascar's endemic trees are found in forest habitats, ranging in temperature, humidity and altitude (Figure 2). To a lesser extent, trees are also found in shrublands, grasslands and wetlands as well as rocky areas. The majority of species are only found in a single habitat type. When considering only threatened species, the same patterns emerge, with lowland forest the habitat with the highest number of threatened species, followed by dry forest and montane forest.

Albizia arenicola *flower* *(KMCC SE Rakotoarisoa)*

Southwest Madagascar *(Malin Rivers)*

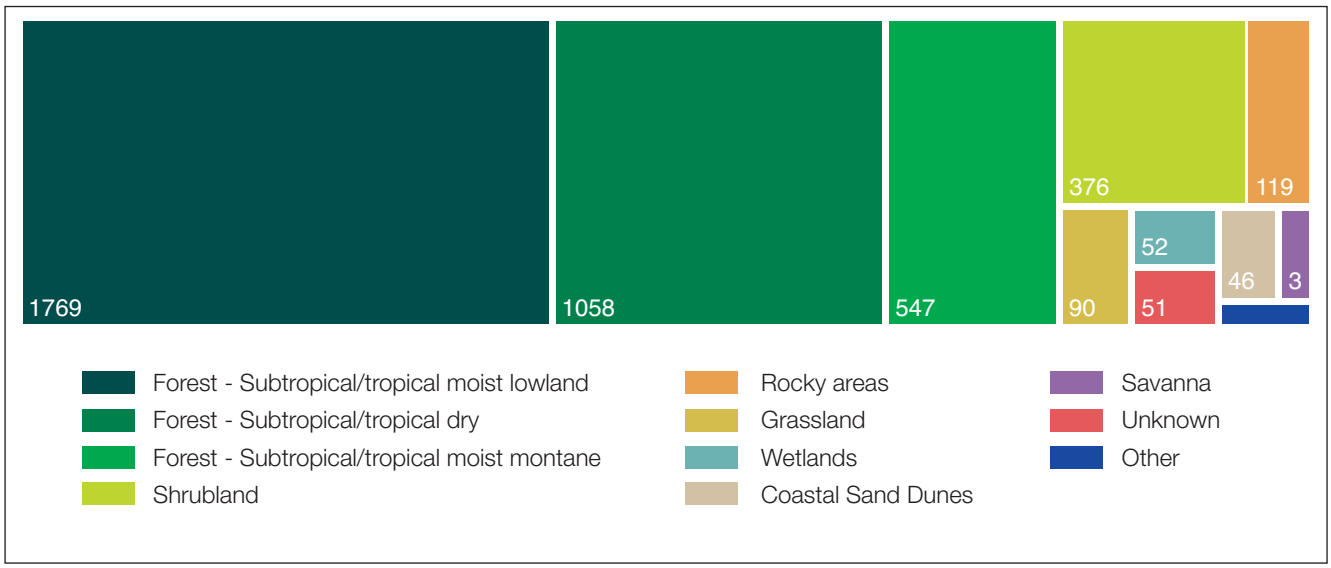


Figure 2: The habitats Malagasy endemic trees grow in

USES

The endemic trees of Madagascar have a range of uses, with more than half having at least one use (1,533 species or 53%, Figure 3). This represents the importance of trees to the livelihoods and life of Malagasy people. The most common use is as timber for construction (513 species), followed by fuels (charcoal production and fuelwood) (202 species) and medicines (172 species).

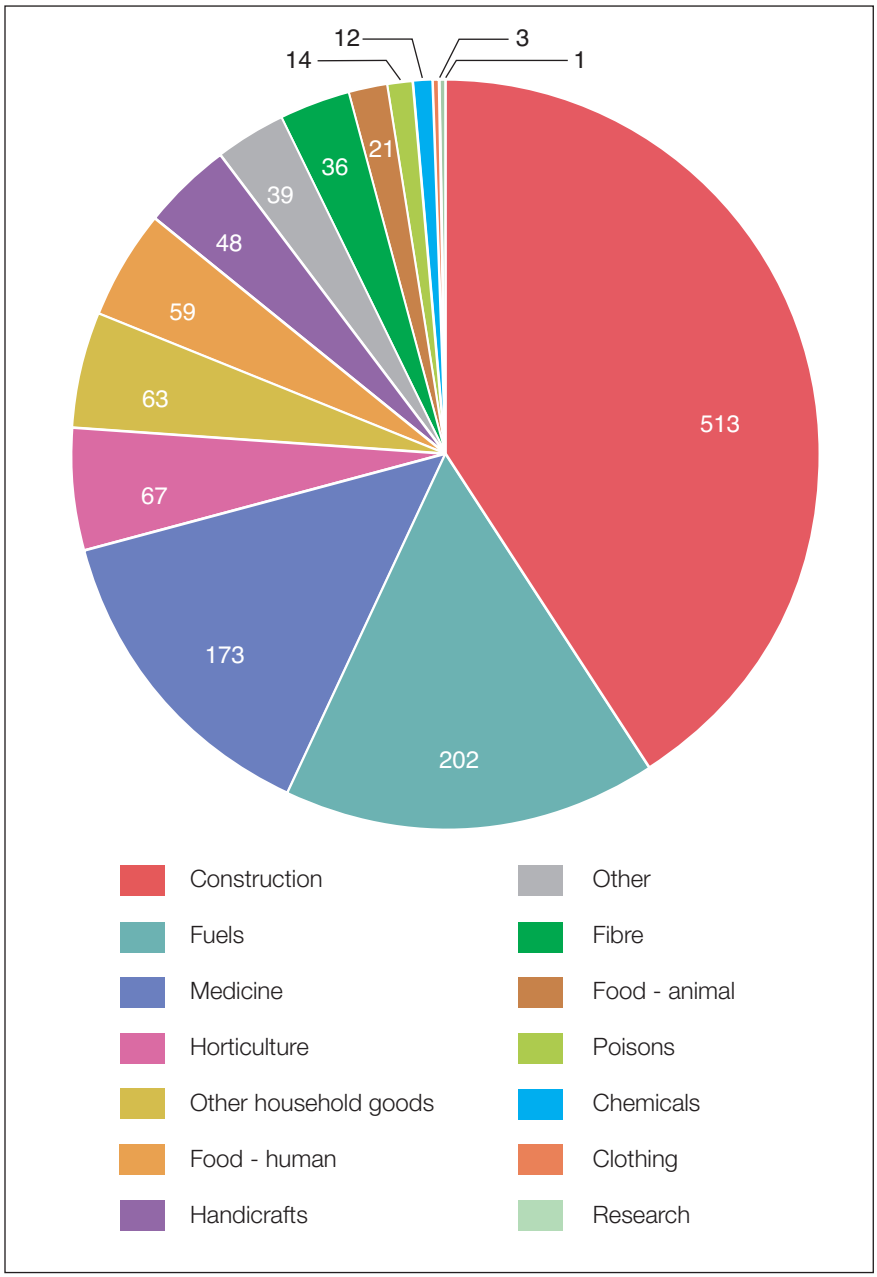


Figure 3: The recorded uses of Malagasy endemic trees

Andriantantely (Eastern Madagascar) *(Katharine Davies)*

Avenue of the Baobabs *(Malin Rivers)*

Diospyros humbertiana *(Fidy Ratovoson)*

THREATS

The major threat to tree species in Madagascar is logging and wood harvesting with over 2,400 (83%) of the country's endemic trees impacted (Figure 4). This links directly to how the species are used (Figure 3). Over 600 threatened endemic tree species are exploited intentionally for their timber. The next most prevalent threats are annual or perennial crops, fire and mining. Many of these threats represent a complete destruction of tree ecosystems, with conversion to a less biodiverse landscape. It is also clear that the uses and threats to tree species in Madagascar are intertwined and the protection of tree species for their continued local use represents an important economic and social driver for conservation action. Given that the majority of tree species in Madagascar are found in forest habitats, deforestation is a clear driver of species extinction risk.

Charcoal production (KMCC SE Rakotoarisoa)

Slash & burn (KMCC SE Rakotoarisoa)

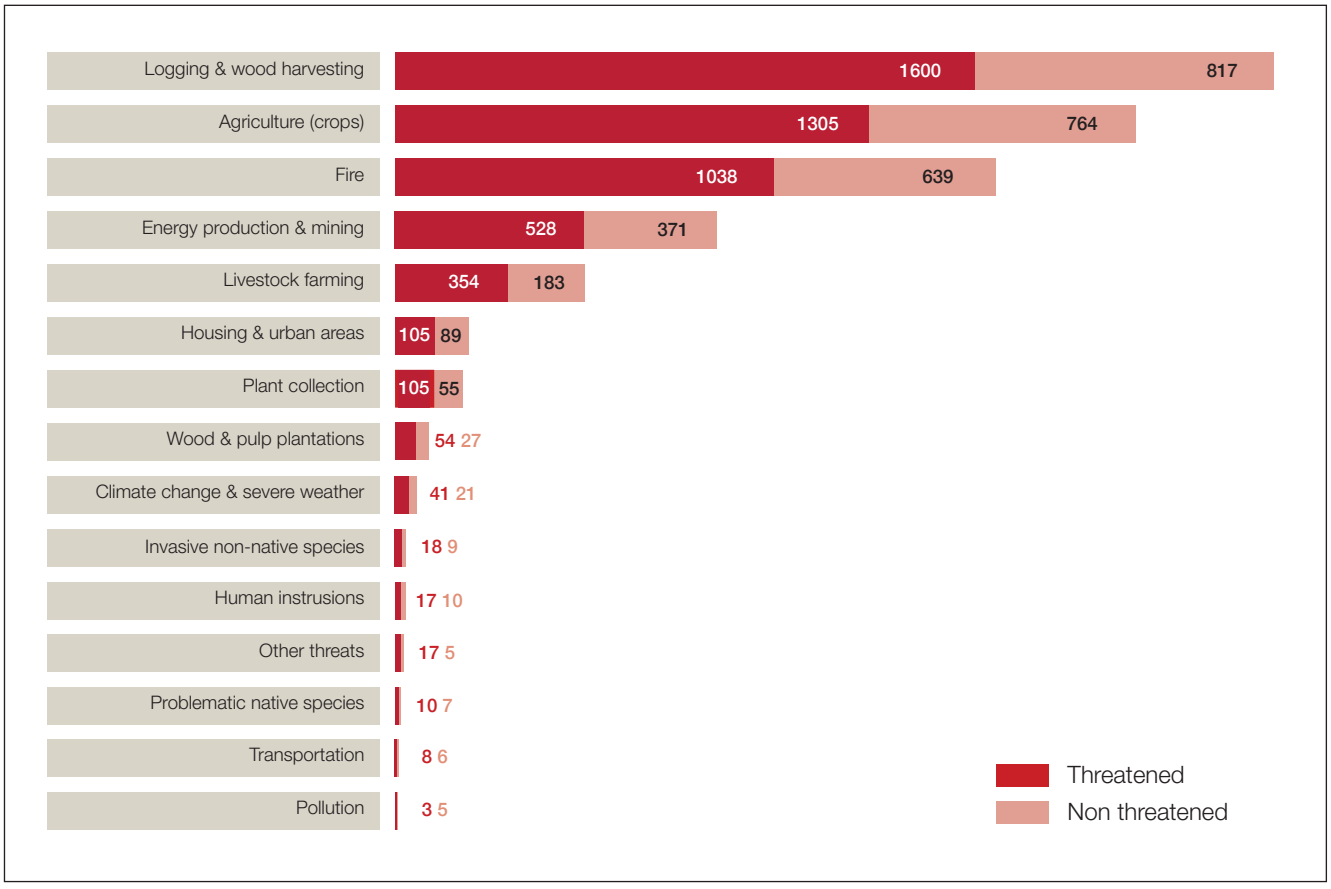


Figure 4: Threats to Malagasy endemic tree species

Ankarana forest (KMCC SE Rakotoarisoa)

Regional distribution of threat

The threatened tree species of Madagascar are not uniformly distributed across Madagascar. The majority of the endemic threatened species are found in the north western region of Madagascar, with over 860 (47%) threatened tree species found in SAVA, DIANA and Analanjirofo (Figure 5). Anosy, a region in the south east of Madagascar, also has a large number of threatened trees, likely due to the presence of dry, sub-humid and humid forests within this region.

In situ protection

There are 2,438 endemic tree species in Madagascar recorded in protected areas, representing 84% of endemic tree species. Considering threatened endemic tree species, 83% are recorded in at least one protected area. This is not surprising as protected areas represent where much of the remaining natural vegetation is. More research could be done to understand the protection levels for these species.

Overlaying the species distribution for the endemic threatened tree species over the protected area network reveals that eleven protected areas are home to over 75 threatened endemic tree species (Table 4). The majority of these protected areas are in the north west of Madagascar (Figure 5).

There are 307 threatened species endemic to Madagascar that occur entirely outside of the protected area network. Work should be done to investigate how these species could be effectively protected in their natural environment.

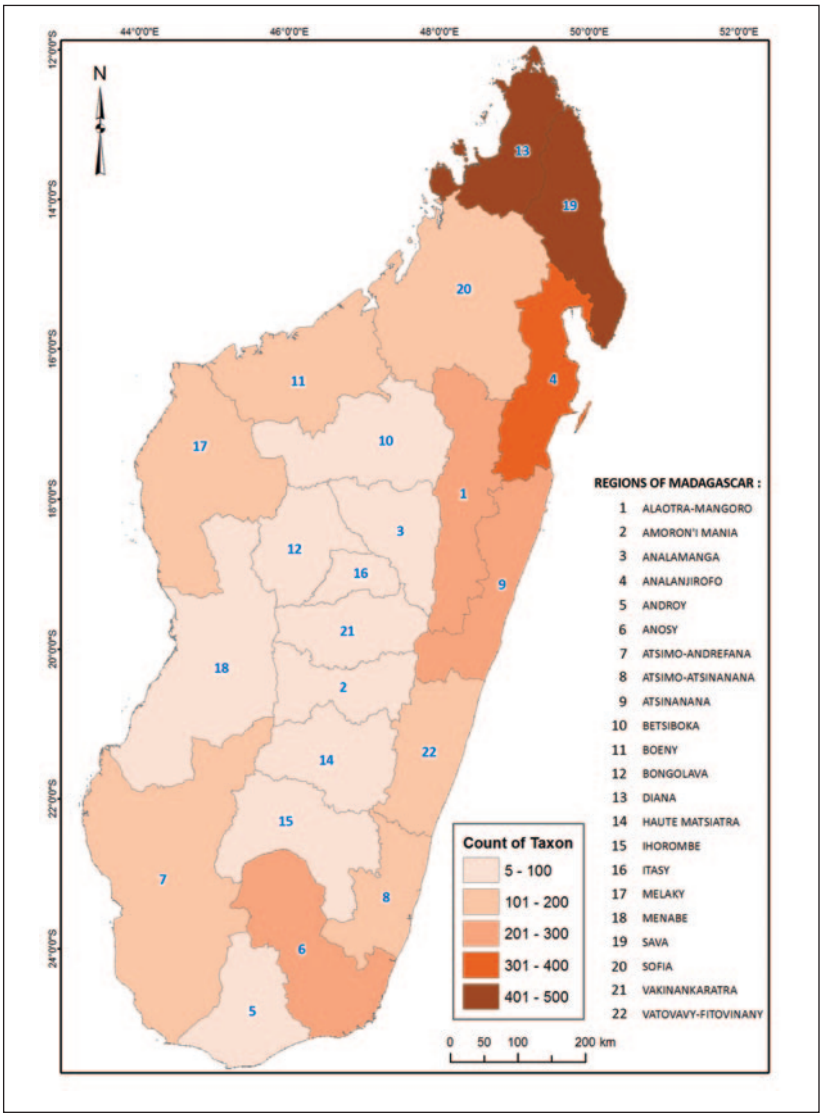


Figure 5: The distribution of threatened tree species

Right: Table 4. Protected areas in Madagascar with the highest numbers of threatened endemic tree species.

Protected Area	Number of threatened endemic tree species
Paysage Harmonieux Protégé de Loky Manambato	160
Parc National de Masoala	130
Parc National d'Analamazaotra	97
Réserve de Ressources Naturelles du Corridor Ankeniheny-Zahamena	90
Paysage Harmonieux Protégé de Galoko-Kalobinono	89
Réserve Spéciale de Manongarivo	88
Parc National de Marojejy	87
Réserve Spéciale d'Ankarana	84
Réserve de Ressources Naturelles de la Forêt Naturelle de Tsitongambarika	82
Réserve Naturelle Intégrale de Betampona	77
Réserve Naturelle Intégrale de Tsaratanana	77

Didierea trollii *(KMCC SE Rakotoarisoa)*

Ex situ survey

Ex situ surveys identify the number of *ex situ* collections of a specific species found in botanic gardens, arboreta and seed banks worldwide. *Ex situ* collections represent an important conservation method to prevent the extinction of threatened species. BGCI's PlantSearch database (BGCI 2020b) holds records of plant collections held in botanic gardens, arboreta and seedbanks around the world. Of the 2,904 endemic Malagasy tree species, only 658 (22%) are recorded in *ex situ* collections, including 286 threatened species (Figure 6). This means that 84% of Madagascar's threatened tree species are not found in *ex situ* collections, falling short of Target 8 of the Global Strategy for Plant Conservation which calls for 75% of threatened plants to be held in *ex situ* collections (CBD, 2012). Eighty-three percent of the threatened species reported in collections are found in fewer than five collections. Small *ex situ* collection numbers are unlikely to capture sufficient genetic diversity to be used in restoration or reintroduction programmes. The diversity of the collections is not taken into account in this study, but genetic diversity is key if these collections are to have use in the future.

Some Malagasy species are highly sought after in horticulture and are, therefore, represented in a large number of botanic garden collections across the world (Table 5). The majority of these species are classified as Least Concern but two species of palms, *Dypsis lutescens* (NT) and *Dypsis decaryi* (VU), are in a large number of *ex situ* collections.

Facing biodiversity loss due to deforestation, climate change and natural disaster, Royal Botanic Gardens Kew launched one of the biggest *ex situ* conservation programmes through seed banking around the world in 1996. The aim was to collect and to bank 25% of the world flora by 2020. The programme started in Madagascar at the end of 2000. Since the programme started, three big projects have operated in Madagascar: the Millennium Seed Bank Partnership, the People's Postcode Lottery and Garfield Weston. Since these programmes started, about 3,700 collection of trees have been made, 1,488 of which have yet to be identified. The identified collections represent 884 (28%) tree species. The majority of these collections have been made outside of the protected area system.

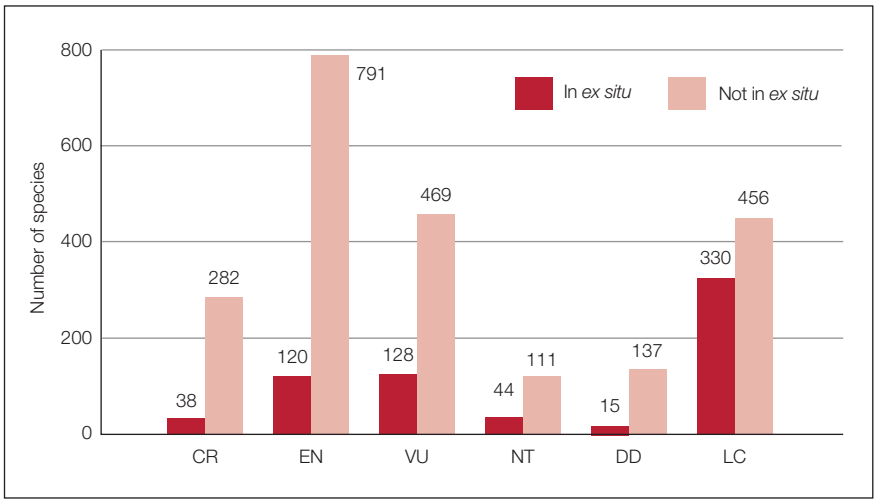


Figure 6: Presence and absence of endemic Malagasy tree species in ex situ *collections per IUCN Red List Category*

Species	*Ex situ* collections	Red List Category
Pachypodium lamerei	142	LC
Delonix regia	127	LC
Alluaudia procera	121	LC
Ravenala madagascariensis	101	LC
Pachypodium geayi	88	LC
Dypsis lutescens	86	NT
Bismarckia nobilis	78	LC
Dypsis decaryi	74	VU
Euphorbia stenoclada	65	LC
Alluaudia dumosa	64	LC

Table 5: Ten endemic Malagasy tree species with the largest numbers of ex situ *collections*

Recommendations and conclusions

Aloe helenae *(KMCC SE Rakotoarisoa)*

It is clear from the data gathered that Madagascar's tree flora is under threat, with 63% of endemic trees assessed as threatened. The following recommendations are made for the protection of Madagascar's tree species and ecosystems in the future.

Research:

- Increased survey effort to establish population data and indications of decline rate over time.
- Monitoring of populations to ascertain population size and generation length which are required for assessing species under criteria A and C.

***Ex situ* protections:**

- Threatened species not held in *ex situ* collections should be bought into collections as a priority.
- Species should be found in more than one *ex situ* institution and locality if possible.
- Genetic diversity should be considered when curating *ex situ* collections.
- *Ex situ* collections in country should be expanded.

***In situ* protections:**

- Key Biodiversity Areas (KBAs) should receive increased protection.
- Monitoring of effectiveness of protected areas should be carried out.
- Further integrated conservation action plans should be created for the most threatened species.

Restoration

- Further efforts should be made to include threatened tree species in restoration activities.
- Local nurseries should be expanded to incorporate threatened tree species and produce material for restoration.

Raise awareness, build local capacity and mobilise action:

- Local communities should be informed about the importance of threatened tree species in their vicinity.
- Capacity should be built in conservation, propagation and horticulture techniques to empower local partners and communities.

Madagascar is one of the most tree species rich countries, however Malagasy tree species are highly threatened and require immediate action to prevent their extinction. The *Red List of Trees of Madagascar* aims to both provide information to prioritise conservation efforts and inspire action to improve the conservation status of those most at risk of extinction, to maintain this diversity for years to come.

Adansonia grandidieri *(KMCC SE Rakotoarisoa)*

Uncarina *flowers* *(Paul Smith)*

Case studies

Case study 1: conservation of a threatened *Dalbergia* in southwest Madagascar

By Tabita Randrianarivony

Analalevona forest, with an area of 4,487 ha (representing 80% of the remaining subhumid forests), is one of the 80 Important Plant Areas identified for Madagascar in 2004. A sacred forest, it has been the site of community based-conservation for 11 years under Missouri Botanical Garden Madagascar Program.

The Analalevona forest, is unique in Madagascar because not only is it a key biodiversity area, but it is the only subhumid forest in a dry bioclimate and in addition it is a sacred forest with high social and cultural value for the surrounding communities.

The species, *Dalbergia hirticalyx* was assessed as Endangered in 1998. Since then, the distribution area of the species has expanded as populations have been found in the south-western part of the island, including the Analalevona forest. The current known populations of this species have been found in areas where fires from grazing, illegal logging and logging for cultural uses or camping reasons occur, and as a consequence, it has experienced a decline in both its habitat and area of occupancy.

Dalbergia hirticalyx (Roger Bernard)

Dalbergia hirticalyx *fruit* (Fortunat Rakotoarivony)

This species *Dalbergia hirticalyx* is among the ca. 30 large *Dalbergia* tree species. This plant is very popular to local people, as a precious wood of Madagascar, and it is very sought after for cultural uses as wood for coffins. This use poses a direct threat to the species.

This species has not been assessed during the Critical Ecosystem Partnership Fund project as the genus is currently under revision. The previous assessment of this species classified it as Endangered. With the currently available data, it will still qualify as threatened.

The Analalevona community based conservation project aims to improve the conservation status of these species for their sustainability by integrating local community members in the *in situ* and *ex situ* conservation actions for these species.

The main activities that will guarantee the conservation of the species are:

1) Use a participatory approach to identify existing tree populations through research and monitoring activities.

2) Use available eco-biogeographic and demographic knowledge to define priority actions for better protection of tree populations.

3) Intensify patrol activities to reduce threats in sensitive zones of the protected area and raise awareness among local population about the main threats to the species.

4) Engage local communities in threatened tree species conservation, so that they will be aware of the intrinsic, conservation and economic values of these species.

Local conservation action on this species is closing the IUCN SCC Species Conservation Cycle (TO ACT).

CASE STUDY 2: WOOD REFERENCE LIBRARY OF MADAGASCAR CITES-LISTED *DALBERGIA* AND *DIOSPYROS* FOR TAXONOMY, IDENTIFICATION AND TRACEABILITY.

By Harisoa Ravaomanalina

The wood library collection (Ravaomanalina, H.)

Madagascar is home to 36% of the world's *Dalbergia* species including rosewood and palissander (Mabberley, 2008; Missouri Botanical Garden, 2021) and 34% of *Diospyros* including ebonies in the world (Govaerts, 2018; Missouri Botanical Garden, 2021). Malagasy precious wood is some of the most sought after in the world, and also some of the most difficult to identify, due to the lack of reference material available for scientific study. After their listing in Appendix II of CITES, Madagascar is expected to effectively limit the illegal trade and promote the development of sustainable legal timber industries within Madagascar. Thanks to Malagasy Precious Wood consortium effort, the first wood library collection was established at the University of Antananarivo in December 2020 including 4,295 specimens of branch and stemwood, mainly representing *Dalbergia* and *Diospyros* species and their look-alike species. To overcome the problem of reliable species identification, the consortium emphasized the importance of the collection of samples from flowering and fruiting trees and have developed, tested and improved a standardized sampling protocol to collect samples from standing trees. This reference collection, accompanied by herbarium vouchers allows for comparison of specimens and provides reference samples for several complementary identification methods available in Madagascar. These methods include DNA analysis of dried leaf material, and heartwood samples for wood anatomy and near infrared spectroscopy (NIRS). Identification tools have specifically been developed to support species identification to enforce CITES regulations. By better understanding, cataloging, collecting and curating the wealth of natural timber resources in Madagascar, the Malagasy government can: (i) enforce its illegal logging laws, (ii) help its international partners enforce CITES and (iii) promote new in-country industries to utilize their unique natural heritage in a sustainable way. Moreover, this progress contributes to the expectations of the CITES action plan for *Diospyros* and *Dalbergia*, in the establishment of a reference collection and identification system for CITES-listed species.

Herbarium specimens from the collection (Ravaomanalina, H.)

REFERENCES:

Govaerts, R. (2018). World Checklist of Ebenaceae. Facilitated by the Royal Botanic Gardens, Kew. Available at: http://wcsp.science.kew.org/

Mabberley, D.J. (2008). Mabberley's plant-book: a portable dictionary of plants, their classification and uses. Cambridge University Press, Cambridge.

Missouri Botanical Garden (2021). Tropicos.org. Available at: http://www.tropicos.org

CASE STUDY 3: CONSERVATION ASSESSMENTS IN MALAGASY SAPOTACEAE

By Laurent Gautier, Aina Randriarisoa, Carlos G. Boluda, Camille Christe, Kathryn Cornelisse and Yamama Naciri
Conservatoire et Jardin botaniques de la Ville de Genève and University of Geneva

An outcome of the project ***Understanding Madagascar Sapotaceae: a critical step towards conservation of a threatened group of prime importance trees*** of the Conservatoire et Jardin botaniques de la Ville de Genève, with funding from the Swiss National Fund for Scientific Research and the Franklinia Foundation. In collaboration with the Antananarivo University and the Missouri Botanical Garden (G3D project).

Figure 1: Labourdonnaisia *sp. observed by Aina Randriarisoa in Beampingaratsy forest, SE Madagascar*

With ca. 1,300 species worldwide, Sapotaceae are an important family of slow-growing, large, valuable tropical trees, highly praised for their mechanical properties and resistance to parasites (Figure 1). Several species have achieved fame on the international market for their wood (e.g. Moabi, Makoré), but also for their oil-rich seeds (Argan, Shea-butter) and their latex (Gutta-Percha, Balata).

On Madagascar, Sapotaceae are represented by ca. 100-120 species, all but three island-endemics. They are distributed mostly in the Eastern humid evergreen forests but with a few genera extending to Western dry deciduous forests. A few species are even found in the Southwestern dry spiny thicket. Their timber is highly praised locally and, like Ebonies, attract international traders as Palisanders and Rosewoods become rarer. Their biological traits are perfectly adapted to mature forest. As a consequence, only a few species are found in secondary forests, and they totally disappear if disturbances further increase. As such, they are particularly sensitive to the massive deforestation that has been occurring throughout the island in the last 100 years. Forest clearing for shifting agriculture appears to be the major threat, but they are also prone to be selectively logged, even within protected areas. Therefore they are at a particularly high risk of extinction. These issues are intensified by the high fragmentation of their habitats like the littoral forest, the low altitude evergreen rainforest or the western dry deciduous forests, where very restricted subpopulations certainly experience severe intraspecific genetic erosion.

A further problem arises from their difficult taxonomy, which stems from the relative scarcity of specimens due to the tall stature of the trees and their delayed flowering maturity. Until recently, the only identification tool was the 50-years old, outdated *Flore de Madagascar et des Comores* treatment.

The authors have embarked on a complete taxonomic revision of the Malagasy members of the family, in parallel with conservation assessments. Phylogenetic studies have confirmed their uniqueness: the discovery of an endemic tribe of three genera, has further shed light on their exceptional endemicity, even at high taxonomic ranks. However, it is at specific rank that most work is still ongoing, implementing gene capture on ca. 1,000 loci and Next Generation Sequencing. Such an in-depth study on *Capurodendron* has revealed a twofold increase in number of species which ranks it as the most species-rich Malagasy endemic plant genus. Many of these new species had already been collected, and were simply confounded with described species because of lack of fertile material or hasty identification. Their vegetative characters had often converged with those of unrelated described species.

This of course has a tremendous impact on species conservation assessments: as an example, *Capurodendron ludiifolium*, described from the Eastern sublittoral humid evergreen forests, had been previously assessed as VU due to its relatively large range, extending to the dry forest of the extreme North. It turned out that the northern specimens used in the assessment actually belong to four different unrelated, range-restricted, new species, two of them assessed as CR and two as EN. As for *C. ludiifolium*, it had to be reassessed and is now EN (Figure 2).

Another issue that we face is species complexes. One of them, in the southwestern subarid zone, involves *C. androyense* and *C. mandrarense*, two morphologically distinct widespread species and several rare outliers, including a putative hybrid between *C. mandrarense* and *C. greveanum*, a widespread western dry forest species, sympatric in the southernmost part of its range.

Two outliers were confirmed as new CR species, whereas the putative hybrid showed to have genetically very little in common with the western species and to be a new species that still has to be described and assessed.

In a distantly related western dry deciduous forest group, disentangling another species complex around *C. pervillei*, revealed that an ancient described variety that was later subsumed in the Flora turned out to be a plain species. A couple of morphologically intermediate specimens between the three species collected at the convergence of their respective distribution ranges were demonstrated to be hybrids, that are probably sterile and need neither description, nor assessment (Figure 3).

Much work remains to be conducted, and although the genus *Capurodendron* can now be considered as revised, we expect many similar cases in the difficult genera *Mimusops, Labramia* and *Labourdonnaisia* (incl. *Faucherea*).

As a whole, the family Sapotaceae in Madagascar can be considered as under major threat, with 73.3% of its described species threatened (CR: 14, EN: 20, VU: 10), and only nine species LC and seven NT. However, only the species that were considered as taxonomically sound have been assessed and 31 species in the three aforementioned genera have been listed as DD, pending the results of ongoing phylogenetical studies. As they have not yet been effectively published, most of the recently discovered new species have not been taken into account in these figures, but their assessments meet criteria for the most threatened categories. This trend is expected in the species still to be discovered, so the portion of threatened species will significantly increase as the taxonomy is resolved.

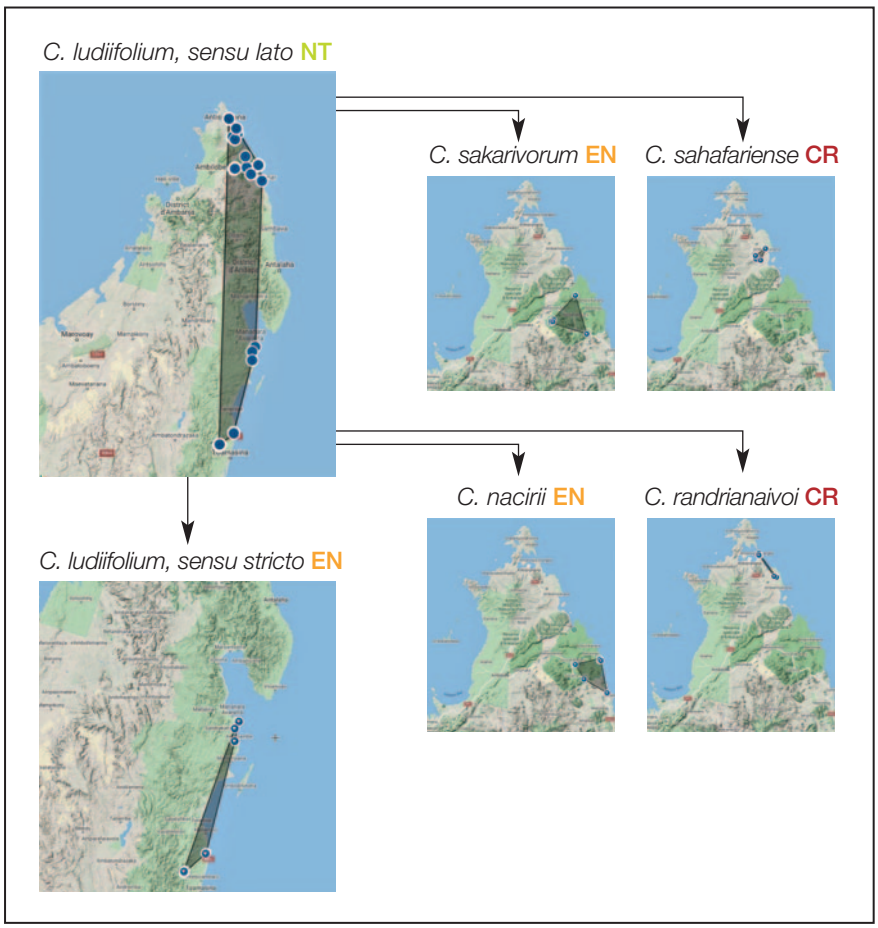


Figure 2: Bad taxonomy leads to bad conservation, the case of Capurodendron ludiifolium *(see text).*

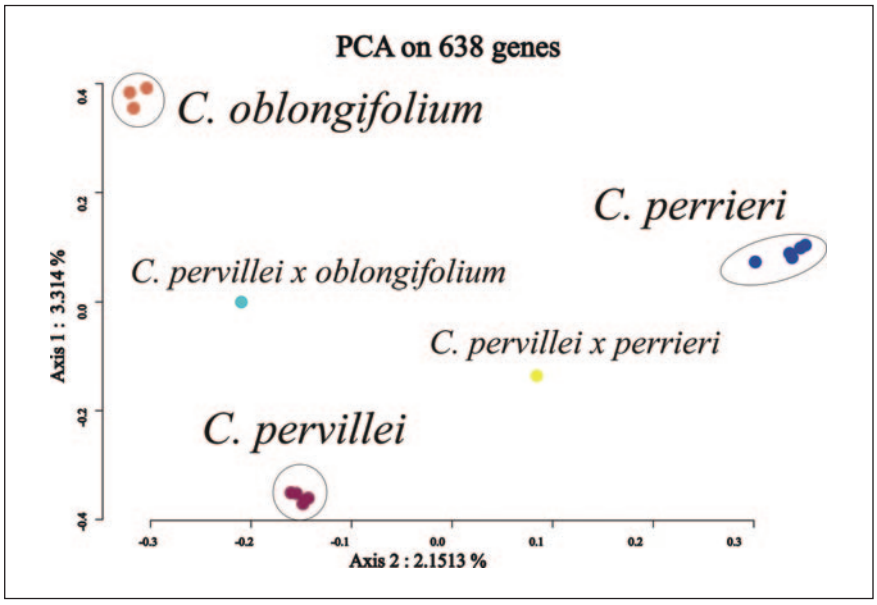


Figure 3: A taxonomic complex around Capurodendron pervillei *resolves in three clear species and two hybrids using Principal Component Analysis on genetical data.*

Bibliography

BGCI. (2020a). GlobalTreeSearch online database. BGCI. Available at: https://tools.bgci.org/global_tree_search.php

BGCI. (2020b). PlantSearch online database. BGCI. Available at: www.bgci.org/plant_search.php

CBD (2012) Global Strategy for Plant Conservation: 2011-2020. BGCI, Richmond, UK.

Clubbe, C., Cable, S. and Ralimanana, H. (2020). Madagascar: A Biodiversity Hotspot still revealing its Botanical Treasures. Curtis's Botanical Magazine, 37(3), 250-259.

IUCN Standards and Petitions Committee. (2019). Guidelines for Using the IUCN Red List Categories and Criteria. Version 14. Prepared by the Standards and Petitions Committee. Available at: http://www.iucnredlist.org/documents/RedListGuidelines.pdf

Medium altitude moist evergreen forest, Montagne d'Ambre, Northern Madagascar *(Laurent Gautier, Conservatoire et Jardin botaniques de la Ville de Genève)*

IUCN Red List Technical Working Group. 2019. Mapping Standards and Data Quality for IUCN Red List Spatial Data. Version 1.18. Prepared by the Standards and Petitions Working Group of the IUCN SSC Red List Committee. Downloadable from: https://www.iucnredlist.org/resources/mappingstandards

Madagascar Catalogue. (2020). Catalogue of the Vascular Plants of Madagascar. Missouri Botanical Garden, St. Louis, U.S.A. & Antananarivo, Madagascar Available at: http://www.tropicos.org/Project/Madagascar

POWO. (2020). Plants of the World Online. Facilitated by the Royal Botanic Gardens, Kew. Published on the Internet; http://www.plantsoftheworldonline.org/

Vieilledent, G., Grinand, C., Rakotomalala, F. A., Ranaivosoa, R., Rakotoarijaona, J. R., Allnutt, T. F., and Achard, F. (2018). Combining global tree cover loss data with historical national forest cover maps to look at six decades of deforestation and forest fragmentation in Madagascar. Biological Conservation, 222, 189-197.

Diospyros boivinii *(Richard Randrianaivo)*

Adansonia grandidieri *fruit* *(KMCC SE Rakotoarisoa)*

Delonix pumila ex situ *collection* *(Malin Rivers)*

APPENDIX 1

Tree Species of Madagascar, their IUCN Red List Categories and *ex situ* collections

* The asterisk indicates the assessments are provisional, or in press.

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Anacardiaceae	*Abrahamia deflexa*	Vulnerable	yes	1
Anacardiaceae	*Abrahamia ditimena*	Least Concern	yes	0
Anacardiaceae	*Abrahamia grandidieri*	Least Concern	yes	0
Anacardiaceae	*Abrahamia humbertii*	Vulnerable	yes	0
Anacardiaceae	*Abrahamia latifolia*	Vulnerable	yes	0
Anacardiaceae	*Abrahamia lecomtei*	Vulnerable	yes	0
Anacardiaceae	*Abrahamia longipetiolata*	Endangered	yes	0
Anacardiaceae	*Abrahamia louvelii*	Endangered	yes	0
Anacardiaceae	*Abrahamia oblongifolia*	Endangered	yes	0
Anacardiaceae	*Abrahamia pauciflora*	Endangered	yes	0
Anacardiaceae	*Abrahamia phillipsonii*	Least Concern	yes	0
Anacardiaceae	*Abrahamia sericea*	Least Concern	yes	0
Anacardiaceae	*Abrahamia suarezensis*	Least Concern	yes	0
Anacardiaceae	*Abrahamia thouvenotii*	Least Concern	yes	0
Anacardiaceae	*Abrahamia viguieri*	Near Threatened	yes	0
Euphorbiaceae	*Acalypha emirnensis*	Endangered	yes	0
Euphorbiaceae	*Acalypha fasciculata*	Least Concern *	yes	0
Euphorbiaceae	*Acalypha neptunica*	Least Concern	no	1
Euphorbiaceae	*Acalypha radula*	Vulnerable *	yes	0
Malpighiaceae	*Acridocarpus excelsus*	Least Concern	yes	3
Malpighiaceae	*Acridocarpus humbertii*	Endangered	yes	0
Malpighiaceae	*Acridocarpus perrieri*	Vulnerable *	yes	0
Malvaceae	*Adansonia grandidieri*	Endangered	yes	35
Malvaceae	*Adansonia madagascariensis*	Least Concern	yes	22
Malvaceae	*Adansonia perrieri*	Critically Endangered	yes	10
Malvaceae	*Adansonia rubrostipa*	Least Concern	yes	19
Malvaceae	*Adansonia suarezensis*	Endangered	yes	9
Malvaceae	*Adansonia za*	Least Concern	yes	33
Fabaceae	*Adenanthera mantaroa*	Least Concern	yes	0
Ericaceae	*Agarista salicifolia*	Least Concern	no	4
Cornaceae	*Alangium grisolleoides*	Least Concern	yes	0
Fabaceae	*Albizia adianthifolia*	Least Concern	no	20
Fabaceae	*Albizia androyensis*	Least Concern	yes	1
Fabaceae	*Albizia arenicola*	Least Concern	yes	2
Fabaceae	*Albizia aurisparsa*	Least Concern	yes	1
Fabaceae	*Albizia balabaka*	Endangered	yes	1
Fabaceae	*Albizia bernieri*	Least Concern	yes	3
Fabaceae	*Albizia boinensis*	Least Concern	yes	2
Fabaceae	*Albizia boivinii*	Least Concern *	yes	1
Fabaceae	*Albizia glaberrima*	Least Concern	no	10
Fabaceae	*Albizia greveana*	Least Concern	yes	1
Fabaceae	*Albizia gummifera*	Least Concern	no	10
Fabaceae	*Albizia jaubertiana*	Least Concern	yes	0
Fabaceae	*Albizia mahalao*	Least Concern	yes	1

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Fabaceae	*Albizia mainaea*	Least Concern	yes	1
Fabaceae	*Albizia morombensis*	Endangered	yes	0
Fabaceae	*Albizia numidarum*	Endangered	yes	0
Fabaceae	*Albizia odorata*	Vulnerable	no	1
Fabaceae	*Albizia perrieri*	Endangered	yes	0
Fabaceae	*Albizia polyphylla*	Least Concern	yes	3
Fabaceae	*Albizia sahafariensis*	Endangered	yes	0
Fabaceae	*Albizia tulearensis*	Least Concern	yes	2
Fabaceae	*Albizia verrucosa*	Critically Endangered	yes	0
Fabaceae	*Albizia viridis*	Endangered	yes	0
Euphorbiaceae	*Alchornea alnifolia*	Least Concern	no	1
Euphorbiaceae	*Alchornea humbertii*	Vulnerable	yes	1
Euphorbiaceae	*Alchornea perrieri*	Vulnerable	yes	1
Ixonanthaceae	*Allantospermum multicaule*	Endangered	yes	0
Sapindaceae	*Allophylus bicruris*	Least Concern *	no	0
Sapindaceae	*Allophylus bongolavensis*	Endangered *	yes	0
Sapindaceae	*Allophylus salignus*	Vulnerable *	yes	1
Didiereaceae	*Alluaudia ascendens*	Vulnerable	yes	60
Didiereaceae	*Alluaudia comosa*	Vulnerable	yes	44
Didiereaceae	*Alluaudia dumosa*	Least Concern	yes	64
Didiereaceae	*Alluaudia montagnacii*	Endangered	yes	44
Didiereaceae	*Alluaudia procera*	Least Concern	yes	121
Didiereaceae	*Alluaudiopsis fiherenensis*	Vulnerable	yes	10
Asphodelaceae	*Aloe antonii*	Least Concern	yes	0
Asphodelaceae	*Aloe helenae*	Endangered	yes	20
Asphodelaceae	*Aloe peyrierasii*	Vulnerable	yes	2
Asphodelaceae	*Aloe suzannae*	Endangered	yes	48
Asphodelaceae	*Aloe vaombe*	Least Concern	yes	50
Asphodelaceae	*Aloe vaotsanda*	Vulnerable	yes	26
Annonaceae	*Ambavia capuronii*	Vulnerable	yes	0
Annonaceae	*Ambavia gerrardii*	Least Concern	yes	1
Burseraceae	*Ambilobea madagascariensis*	Vulnerable	yes	1
Euphorbiaceae	*Amyrea grandifolia*	Endangered	yes	0
Euphorbiaceae	*Amyrea humbertii*	Least Concern	no	0
Euphorbiaceae	*Amyrea lancifolia*	Endangered	yes	0
Euphorbiaceae	*Amyrea remotiflora*	Endangered	yes	0
Euphorbiaceae	*Amyrea sambiranensis*	Endangered	yes	0
Olacaceae	*Anacolosa casearioides*	Least Concern	yes	0
Olacaceae	*Anacolosa pervilleana*	Least Concern	yes	1
Picrodendraceae	*Androstachys johnsonii*	Least Concern	no	2
Scrophulariaceae	*Androya decaryi*	Near Threatened	yes	1
Anisophylleaceae	*Anisophyllea fallax*	Least Concern	yes	1
Anisophylleaceae	*Anisophyllea madagascarensis*	Endangered	yes	0
Anisophylleaceae	*Anisophyllea masoalensis*	Endangered	yes	0

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Anisophylleaceae	*Anisophyllea parafallax*	Critically Endangered	yes	0
Anisophylleaceae	*Anisophyllea schatzii*	Near Threatened	yes	0
Annonaceae	*Annona senegalensis*	Least Concern	no	17
Euphorbiaceae	*Anomostachys lastellei*	Least Concern	yes	0
Gentianaceae	*Anthocleista amplexicaulis*	Least Concern	yes	1
Gentianaceae	*Anthocleista longifolia*	Vulnerable	yes	2
Gentianaceae	*Anthocleista madagascariensis*	Least Concern	yes	1
Euphorbiaceae	*Anthostema madagascariense*	Least Concern *	yes	1
Moraceae	*Antiaris toxicaria*	Least Concern	no	24
Phyllanthaceae	*Antidesma madagascariense*	Least Concern	no	4
Rubiaceae	*Antirhea borbonica*	Least Concern	no	2
Rubiaceae	*Antirhea madagascariensis*	Least Concern	yes	0
Cannabaceae	*Aphananthe sakalava*	Least Concern	yes	0
Aphloiaceae	*Aphloia theiformis*	Least Concern	no	7
Asteraceae	*Apodocephala angustifolia*	Vulnerable	yes	0
Asteraceae	*Apodocephala begueana*	Endangered	yes	0
Asteraceae	*Apodocephala multiflora*	Endangered	yes	0
Asteraceae	*Apodocephala oliganthoides*	Vulnerable	yes	0
Asteraceae	*Apodocephala pauciflora*	Least Concern	yes	0
Asteraceae	*Apodocephala urschiana*	Endangered	yes	0
Icacinaceae	*Apodytes bebile*	Endangered	yes	0
Icacinaceae	*Apodytes dimidiata*	Least Concern	no	13
Icacinaceae	*Apodytes grandifolia*	Endangered	yes	0
Icacinaceae	*Apodytes thouvenotii*	Endangered	yes	0
Passifloraceae	*Arboa antsingyae*	Critically Endangered	yes	0
Passifloraceae	*Arboa integrifolia*	Least Concern	yes	0
Primulaceae	*Ardisia capuronii*	Endangered	yes	0
Primulaceae	*Ardisia didymopora*	Endangered	yes	0
Primulaceae	*Ardisia marojejyensis*	Critically Endangered	yes	0
Primulaceae	*Ardisia procera*	Endangered	yes	0
Euphorbiaceae	*Argomuellera bilocularis*	Endangered	yes	0
Euphorbiaceae	*Argomuellera gillespieae*	Endangered	yes	0
Euphorbiaceae	*Argomuellera integra*	Vulnerable	yes	0
Euphorbiaceae	*Argomuellera oblanceolata*	Vulnerable	yes	0
Euphorbiaceae	*Argomuellera perrieri*	Vulnerable	yes	0
Euphorbiaceae	*Argomuellera pumila*	Vulnerable	yes	0
Euphorbiaceae	*Argomuellera stenophylla*	Vulnerable	yes	0
Picrodendraceae	*Aristogeitonia lophirifolia*	Endangered	yes	0
Picrodendraceae	*Aristogeitonia perrieri*	Endangered	yes	0
Picrodendraceae	*Aristogeitonia uapacifolia*	Critically Endangered	yes	0
Lauraceae	*Aspidostemon andohahelensis*	Endangered	yes	0
Lauraceae	*Aspidostemon antongilensis*	Endangered	yes	0
Lauraceae	*Aspidostemon apiculatus*	Endangered	yes	0
Lauraceae	*Aspidostemon capuronii*	Critically Endangered	yes	0
Lauraceae	*Aspidostemon caudatus*	Critically Endangered	yes	0
Lauraceae	*Aspidostemon conoideus*	Endangered	yes	0
Lauraceae	*Aspidostemon dolichocarpus*	Endangered	yes	0
Lauraceae	*Aspidostemon fungiformis*	Endangered	yes	0
Lauraceae	*Aspidostemon glandulosus*	Endangered	yes	0
Lauraceae	*Aspidostemon grayi*	Critically Endangered	yes	0

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Lauraceae	*Aspidostemon humbertianus*	Endangered	yes	0
Lauraceae	*Aspidostemon inconspicuus*	Critically Endangered	yes	0
Lauraceae	*Aspidostemon insignis*	Critically Endangered	yes	0
Lauraceae	*Aspidostemon lacrimans*	Data Deficient *	yes	0
Lauraceae	*Aspidostemon litoralis*	Critically Endangered	yes	0
Lauraceae	*Aspidostemon longipedicellatus*	Endangered	yes	0
Lauraceae	*Aspidostemon lucens*	Endangered	yes	0
Lauraceae	*Aspidostemon macrophyllus*	Critically Endangered	yes	0
Lauraceae	*Aspidostemon manongarivensis*	Critically Endangered	yes	0
Lauraceae	*Aspidostemon masoalensis*	Critically Endangered	yes	0
Lauraceae	*Aspidostemon microphyllus*	Endangered	yes	0
Lauraceae	*Aspidostemon occultus*	Critically Endangered	yes	0
Lauraceae	*Aspidostemon parvifolius*	Endangered	yes	0
Lauraceae	*Aspidostemon percoriaceus*	Endangered	yes	0
Lauraceae	*Aspidostemon perrieri*	Endangered	yes	0
Lauraceae	*Aspidostemon reticulatus*	Critically Endangered	yes	0
Lauraceae	*Aspidostemon synandra*	Critically Endangered	yes	0
Lauraceae	*Aspidostemon triantherus*	Critically Endangered	yes	0
Lauraceae	*Aspidostemon trichandra*	Critically Endangered	yes	0
Asteropeiaceae	*Asteropeia amblyocarpa*	Least Concern	yes	0
Asteropeiaceae	*Asteropeia densiflora*	Vulnerable	yes	0
Asteropeiaceae	*Asteropeia labatii*	Vulnerable	yes	1
Asteropeiaceae	*Asteropeia matrambody*	Vulnerable	yes	0
Asteropeiaceae	*Asteropeia mcphersonii*	Vulnerable	yes	0
Asteropeiaceae	*Asteropeia micraster*	Vulnerable	yes	1
Asteropeiaceae	*Asteropeia multiflora*	Least Concern	yes	0
Asteropeiaceae	*Asteropeia rhopaloides*	Least Concern	yes	0
Araliaceae	*Astropanax monophyllus*	Least Concern	yes	0
Araliaceae	*Astropanax myrianthus*	Near Threatened	no	0
Meliaceae	*Astrotrichilia asterotricha*	Least Concern	yes	1
Meliaceae	*Astrotrichilia diegoensis*	Endangered	yes	0
Meliaceae	*Astrotrichilia elegans*	Critically Endangered	yes	0
Meliaceae	*Astrotrichilia elliotii*	Endangered	yes	1
Meliaceae	*Astrotrichilia leroyana*	Vulnerable *	yes	0
Meliaceae	*Astrotrichilia masoalensis*	Endangered	yes	0
Meliaceae	*Astrotrichilia parvifolia*	Least Concern	yes	0
Meliaceae	*Astrotrichilia procera*	Endangered	yes	0
Meliaceae	*Astrotrichilia rakodomena*	Endangered	yes	0
Meliaceae	*Astrotrichilia thouvenotii*	Least Concern	yes	0
Meliaceae	*Astrotrichilia valiandra*	Endangered	yes	1
Meliaceae	*Astrotrichilia voamatata*	Endangered	yes	0
Meliaceae	*Astrotrichilia zombitsyensis*	Endangered	yes	0
Thymelaeaceae	*Atemnosiphon coriaceus*	Least Concern	yes	0
Acanthaceae	*Avicennia marina*	Least Concern	no	0
Salvadoraceae	*Azima tetracantha*	Least Concern *	no	16
Primulaceae	*Badula pervilleana*	Data Deficient	yes	0
Primulaceae	*Badula richardiana*	Data Deficient	yes	0
Anacardiaceae	*Baronia taratana*	Least Concern	yes	1
Lecythidaceae	*Barringtonia asiatica*	Least Concern *	no	37
Lecythidaceae	*Barringtonia racemosa*	Least Concern	no	32

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Rhamnaceae	*Bathiorhamnus capuronii*	Vulnerable	yes	0
Rhamnaceae	*Bathiorhamnus cryptophorus*	Vulnerable	yes	0
Rhamnaceae	*Bathiorhamnus dentatus*	Vulnerable	yes	0
Rhamnaceae	*Bathiorhamnus louvelii*	Least Concern	yes	0
Rhamnaceae	*Bathiorhamnus macrocarpus*	Near Threatened	yes	0
Rhamnaceae	*Bathiorhamnus reticulatus*	Least Concern	yes	1
Rhamnaceae	*Bathiorhamnus vohemarensis*	Endangered	yes	0
Fabaceae	*Baudouinia capuronii*	Critically Endangered	yes	0
Fabaceae	*Baudouinia fluggeiformis*	Least Concern	yes	2
Fabaceae	*Baudouinia louvelii*	Endangered	yes	0
Fabaceae	*Baudouinia orientalis*	Endangered	yes	0
Fabaceae	*Baudouinia rouxevillei*	Vulnerable	yes	0
Fabaceae	*Baudouinia sollyaeformis*	Vulnerable	yes	1
Fabaceae	*Bauhinia aurantiaca*	Vulnerable	yes	1
Fabaceae	*Bauhinia brevicalyx*	Endangered	yes	1
Fabaceae	*Bauhinia decandra*	Endangered	yes	0
Fabaceae	*Bauhinia grevei*	Least Concern	yes	3
Fabaceae	*Bauhinia hildebrandtii*	Least Concern	no	2
Fabaceae	*Bauhinia madagascariensis*	Least Concern	yes	4
Fabaceae	*Bauhinia monandra*	Data Deficient *	yes	0
Fabaceae	*Bauhinia morondavensis*	Least Concern	yes	1
Fabaceae	*Bauhinia ombrophila*	Vulnerable	yes	0
Fabaceae	*Bauhinia podopetala*	Least Concern	yes	0
Arecaceae	*Beccariophoenix alfredii*	Vulnerable	yes	14
Arecaceae	*Beccariophoenix fenestralis*	Critically Endangered	yes	4
Arecaceae	*Beccariophoenix madagascariensis*	Vulnerable	yes	22
Sapindaceae	*Beguea ankeranensis*	Critically Endangered	yes	0
Sapindaceae	*Beguea apetala*	Near Threatened	yes	0
Sapindaceae	*Beguea australis*	Endangered	yes	0
Sapindaceae	*Beguea betamponensis*	Critically Endangered	yes	0
Sapindaceae	*Beguea birkinshawii*	Critically Endangered	yes	0
Sapindaceae	*Beguea borealis*	Critically Endangered	yes	0
Sapindaceae	*Beguea galokensis*	Critically Endangered	yes	0
Sapindaceae	*Beguea tsaratananensis*	Endangered	yes	0
Sapindaceae	*Beguea turkii*	Endangered	yes	0
Sapindaceae	*Beguea vulgaris*	Least Concern	yes	0
Lauraceae	*Beilschmiedia cryptocaryoides*	Data Deficient *	yes	0
Lauraceae	*Beilschmiedia madagascariensis*	Least Concern	yes	0
Lauraceae	*Beilschmiedia microphylla*	Vulnerable	yes	0
Lauraceae	*Beilschmiedia moratii*	Vulnerable	yes	0
Lauraceae	*Beilschmiedia obovata*	Endangered	yes	0
Lauraceae	*Beilschmiedia opposita*	Near Threatened	yes	0
Lauraceae	*Beilschmiedia pedicellata*	Vulnerable	yes	0
Lauraceae	*Beilschmiedia rugosa*	Endangered	yes	0
Lauraceae	*Beilschmiedia sary*	Vulnerable	yes	0
Lauraceae	*Beilschmiedia scintillans*	Vulnerable *	yes	0
Lauraceae	*Beilschmiedia sericans*	Endangered	yes	0
Lauraceae	*Beilschmiedia velutina*	Least Concern	yes	0
Sapotaceae	*Bemangidia lowryi*	Critically Endangered	yes	0
Salicaceae	*Bembicia axillaris*	Least Concern	yes	0
Salicaceae	*Bembicia uniflora*	Least Concern	yes	0
Euphorbiaceae	*Benoistia orientalis*	Least Concern	yes	0
Euphorbiaceae	*Benoistia perrieri*	Near Threatened	yes	0
Euphorbiaceae	*Benoistia sambiranensis*	Endangered	yes	0
Rhamnaceae	*Berchemia discolor*	Least Concern	no	8
Rubiaceae	*Bertiera brevithyrsa*	Endangered	yes	0
Rubiaceae	*Bertiera crinita*	Least Concern	yes	0
Arecaceae	*Bismarckia nobilis*	Least Concern	yes	78
Salicaceae	*Bivinia jalbertii*	Least Concern *	no	1
Arecaceae	*Borassus aethiopum*	Least Concern	no	14
Arecaceae	*Borassus madagascariensis*	Endangered	yes	4
Capparaceae	*Boscia longifolia*	Least Concern	yes	2
Capparaceae	*Boscia madagascariensis*	Least Concern	yes	2
Boraginaceae	*Bourreria angustifolia*	Critically Endangered	yes	0
Boraginaceae	*Bourreria apetala*	Vulnerable	yes	0
Boraginaceae	*Bourreria bosseri*	Least Concern	yes	0
Boraginaceae	*Bourreria capuronii*	Vulnerable	yes	0
Boraginaceae	*Bourreria croatii*	Endangered	yes	0
Boraginaceae	*Bourreria darcyana*	Endangered	yes	0
Boraginaceae	*Bourreria labatii*	Vulnerable	yes	0
Boraginaceae	*Bourreria leslieae*	Endangered	yes	0
Boraginaceae	*Bourreria lowryana*	Vulnerable	yes	0
Boraginaceae	*Bourreria moratiana*	Endangered	yes	0
Boraginaceae	*Bourreria randrianasoloana*	Endangered	yes	0
Boraginaceae	*Bourreria scabra*	Least Concern	yes	1
Boraginaceae	*Bourreria schatziana*	Endangered	yes	0
Asteraceae	*Brachylaena merana*	Least Concern	yes	1
Asteraceae	*Brachylaena microphylla*	Least Concern	yes	0
Asteraceae	*Brachylaena perrieri*	Least Concern	yes	1
Asteraceae	*Brachylaena ramiflora*	Least Concern *	no	1
Asteraceae	*Brachylaena stellulifera*	Endangered	yes	0
Fabaceae	*Brandzeia filicifolia*	Least Concern	yes	1
Rubiaceae	*Bremeria erectiloba*	Vulnerable	yes	0
Rubiaceae	*Bremeria humblotii*	Least Concern	yes	0
Rubiaceae	*Bremeria hymenopogonoides*	Least Concern	yes	0
Rubiaceae	*Bremeria pervillei*	Least Concern	yes	1
Rubiaceae	*Bremeria scabrella*	Endangered	yes	0
Rubiaceae	*Bremeria scabridior*	Least Concern	yes	0
Rubiaceae	*Bremeria trichophlebia*	Least Concern	yes	0
Rubiaceae	*Bremeria vestita*	Near Threatened	yes	1
Fabaceae	*Brenierea insignis*	Least Concern	yes	5
Rubiaceae	*Breonadia salicina*	Least Concern	no	4
Rubiaceae	*Breonia boivinii*	Vulnerable	yes	0
Rubiaceae	*Breonia capuronii*	Vulnerable	yes	0
Rubiaceae	*Breonia chinensis*	Least Concern	yes	0
Rubiaceae	*Breonia cuspidata*	Data Deficient	yes	0
Rubiaceae	*Breonia decaryana*	Least Concern	yes	0
Rubiaceae	*Breonia fragifera*	Least Concern	yes	0
Rubiaceae	*Breonia havilandiana*	Vulnerable	yes	0
Rubiaceae	*Breonia louvelii*	Endangered	yes	0

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Rubiaceae	*Breonia lowryi*	Vulnerable	yes	0
Rubiaceae	*Breonia macrocarpa*	Vulnerable	yes	0
Rubiaceae	*Breonia madagascariensis*	Critically Endangered	yes	0
Rubiaceae	*Breonia membranacea*	Critically Endangered	yes	0
Rubiaceae	*Breonia perrieri*	Least Concern	yes	2
Rubiaceae	*Breonia richardsonii*	Critically Endangered	yes	0
Rubiaceae	*Breonia sambiranensis*	Least Concern	yes	1
Rubiaceae	*Breonia sphaerantha*	Least Concern	yes	0
Rubiaceae	*Breonia stipulata*	Endangered	yes	0
Rubiaceae	*Breonia taolagnaroensis*	Vulnerable	yes	0
Rubiaceae	*Breonia tayloriana*	Vulnerable	yes	0
Rubiaceae	*Breonia tsaratananensis*	Endangered	yes	0
Celastraceae	*Brexia alaticarpa*	Vulnerable	yes	0
Celastraceae	*Brexia apoda*	Endangered	yes	0
Celastraceae	*Brexia arborea*	Endangered	yes	0
Celastraceae	*Brexia australis*	Endangered	yes	0
Celastraceae	*Brexia cauliflora*	Critically Endangered	yes	0
Celastraceae	*Brexia coursiana*	Endangered	yes	0
Celastraceae	*Brexia decurrens*	Endangered	yes	0
Escalloniaceae	*Brexia humbertii*	Least Concern	yes	0
Celastraceae	*Brexia madagascariensis*	Least Concern	no	36
Celastraceae	*Brexia marioniae*	Vulnerable	yes	0
Celastraceae	*Brexia montana*	Near Threatened	yes	0
Celastraceae	*Brexiella cymosa*	Vulnerable *	yes	0
Celastraceae	*Brexiella ilicifolia*	Vulnerable	yes	0
Phyllanthaceae	*Bridelia pervilleana*	Least Concern	yes	2
Phyllanthaceae	*Bridelia tulasneana*	Least Concern	yes	1
Myristicaceae	*Brochoneura acuminata*	Least Concern	yes	1
Myristicaceae	*Brochoneura dardainei*	Data Deficient *	yes	0
Moraceae	*Broussonetia greveana*	Least Concern *	no	0
Rhizophoraceae	*Bruguiera gymnorhiza*	Least Concern	no	16
Scrophulariaceae	*Buddleja madagascariensis*	Least Concern	yes	27
Menispermaceae	*Burasaia australis*	Vulnerable	yes	0
Menispermaceae	*Burasaia gracilis*	Vulnerable *	yes	0
Menispermaceae	*Burasaia madagascariensis*	Least Concern	yes	1
Connaraceae	*Burttia prunoides*	Least Concern *	no	0
Fabaceae	*Bussea perrieri*	Endangered	yes	1
Fabaceae	*Bussea sakalava*	Least Concern	yes	1
Buxaceae	*Buxus calcarea*	Endangered	yes	0
Buxaceae	*Buxus capuronii*	Critically Endangered	yes	0
Buxaceae	*Buxus humbertii*	Endangered	yes	0
Buxaceae	*Buxus macrocarpa*	Vulnerable	yes	0
Buxaceae	*Buxus madagascarica*	Least Concern	no	0
Buxaceae	*Buxus monticola*	Near Threatened	yes	0
Buxaceae	*Buxus moratii*	Vulnerable	no	1
Buxaceae	*Buxus rabenantoandroi*	Endangered	yes	0
Fabaceae	*Cadia ellisiana*	Near Threatened	yes	0
Fabaceae	*Cadia pedicellata*	Vulnerable	yes	0
Salicaceae	*Calantica biseriata*	Least Concern	yes	0
Salicaceae	*Calantica capuronii*	Endangered	yes	0

Family	Taxon	IIUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Salicaceae	*Calantica cerasifolia*	Least Concern	yes	0
Salicaceae	*Calantica decaryana*	Vulnerable	yes	0
Salicaceae	*Calantica grandiflora*	Least Concern	yes	0
Salicaceae	*Calantica lucida*	Endangered	yes	0
Salicaceae	*Calantica olivacea*	Least Concern	yes	0
Salicaceae	*Calantica pseudobiseriata*	Critically Endangered	yes	0
Salicaceae	*Calantica sphaerocephala*	Endangered	yes	0
Calophyllaceae	*Calophyllum chapelieri*	Near Threatened	yes	0
Calophyllaceae	*Calophyllum drouhardii*	Vulnerable	yes	1
Calophyllaceae	*Calophyllum fibrosum*	Endangered	yes	0
Calophyllaceae	*Calophyllum humbertii*	Least Concern	yes	0
Calophyllaceae	*Calophyllum inophyllum*	Least Concern	no	48
Calophyllaceae	*Calophyllum laxiflorum*	Endangered	yes	0
Calophyllaceae	*Calophyllum lingulatum*	Endangered	yes	0
Calophyllaceae	*Calophyllum milvum*	Near Threatened	yes	0
Calophyllaceae	*Calophyllum paniculatum*	Vulnerable	yes	0
Calophyllaceae	*Calophyllum recedens*	Vulnerable	yes	0
Calophyllaceae	*Calophyllum vernicosum*	Endangered	yes	1
Calophyllaceae	*Calophyllum verticillatum*	Vulnerable	yes	0
Anacardiaceae	*Campnosperma lepidotum*	Vulnerable	yes	0
Anacardiaceae	*Campnosperma micranteium*	Least Concern	yes	0
Anacardiaceae	*Campnosperma parvifolium*	Endangered	yes	0
Anacardiaceae	*Campnosperma schatzii*	Least Concern	yes	0
Anacardiaceae	*Campnosperma zacharyi*	Endangered	yes	0
Sapindaceae	*Camptolepis crassifolia*	Critically Endangered	yes	0
Sapindaceae	*Camptolepis grandiflora*	Endangered	yes	0
Sapindaceae	*Camptolepis hygrophila*	Endangered	yes	0
Ochnaceae	*Campylospermum anceps*	Data Deficient *	yes	1
Ochnaceae	*Campylospermum angulatum*	Data Deficient *	yes	0
Ochnaceae	*Campylospermum deltoideum*	Data Deficient *	yes	0
Ochnaceae	*Campylospermum dependens*	Data Deficient *	yes	0
Ochnaceae	*Campylospermum obtusifolium*	Data Deficient *	yes	1
Ochnaceae	*Campylospermum perseifolium*	Data Deficient *	yes	0
Burseraceae	*Canarium ampasindavae*	Critically Endangered	yes	1
Burseraceae	*Canarium arcuatum*	Endangered	yes	0
Burseraceae	*Canarium betamponae*	Endangered	yes	0
Burseraceae	*Canarium bullatum*	Vulnerable	yes	1
Burseraceae	*Canarium compressum*	Vulnerable	yes	0
Burseraceae	*Canarium egregium*	Endangered	yes	0
Burseraceae	*Canarium elegans*	Endangered	yes	0
Burseraceae	*Canarium ferrugineum*	Vulnerable	yes	0
Burseraceae	*Canarium findens*	Endangered	yes	0
Burseraceae	*Canarium fugax*	Critically Endangered	yes	0
Burseraceae	*Canarium galokense*	Critically Endangered	yes	0
Burseraceae	*Canarium globosum*	Least Concern	yes	2
Burseraceae	*Canarium indistinctum*	Endangered	yes	0
Burseraceae	*Canarium lamianum*	Least Concern	yes	0
Burseraceae	*Canarium lobocarpum*	Data Deficient	yes	0
Burseraceae	*Canarium longistipulatum*	Vulnerable	yes	0
Burseraceae	*Canarium madagascariense*	Endangered	yes	1

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Burseraceae	*Canarium manongarivum*	Critically Endangered	yes	0
Burseraceae	*Canarium moramangae*	Endangered	yes	0
Burseraceae	*Canarium multiflorum*	Least Concern	yes	0
Burseraceae	*Canarium multinervis*	Endangered	yes	0
Burseraceae	*Canarium nitidifolium*	Endangered	yes	0
Burseraceae	*Canarium obovatum*	Critically Endangered	yes	0
Burseraceae	*Canarium pallidum*	Data Deficient	yes	0
Burseraceae	*Canarium pilicarpum*	Vulnerable	yes	0
Burseraceae	*Canarium planifolium*	Near Threatened	yes	0
Burseraceae	*Canarium pulchrebracteatum*	Least Concern	yes	0
Burseraceae	*Canarium scholasticum*	Least Concern	yes	0
Burseraceae	*Canarium subsidiarum*	Endangered	yes	0
Burseraceae	*Canarium subtilis*	Endangered	yes	0
Burseraceae	*Canarium velutinifolium*	Endangered	yes	0
Rubiaceae	*Canephora ambrensis*	Endangered	yes	0
Rubiaceae	*Canephora gyrobracteata*	Endangered	yes	0
Lamiaceae	*Capitanopsis angustifolia*	Vulnerable	yes	1
Lamiaceae	*Capitanopsis cloiselii*	Least Concern	yes	0
Capparaceae	*Capparis cartilaginea*	Least Concern	no	4
Capparaceae	*Capparis grandidieri*	Critically Endangered	yes	0
Sapotaceae	*Capurodendron androyense*	Least Concern	yes	1
Sapotaceae	*Capurodendron ankaranense*	Vulnerable	yes	0
Sapotaceae	*Capurodendron antongiliense*	Critically Endangered *	yes	0
Sapotaceae	*Capurodendron apollonioides*	Endangered *	yes	0
Sapotaceae	*Capurodendron bakeri*	Endangered *	yes	0
Sapotaceae	*Capurodendron costatum*	Critically Endangered	yes	0
Sapotaceae	*Capurodendron delphinense*	Endangered	yes	1
Sapotaceae	*Capurodendron gracilifolium*	Near Threatened	yes	1
Sapotaceae	*Capurodendron greveanum*	Least Concern	yes	0
Sapotaceae	*Capurodendron ludiifolium*	Endangered	yes	0
Sapotaceae	*Capurodendron madagascariense*	Endangered	yes	0
Sapotaceae	*Capurodendron mandrarense*	Data Deficient	yes	0
Sapotaceae	*Capurodendron microphyllum*	Endangered *	yes	1
Sapotaceae	*Capurodendron nodosum*	Vulnerable	yes	0
Sapotaceae	*Capurodendron perrieri*	Near Threatened	yes	0
Sapotaceae	*Capurodendron pervillei*	Near Threatened	yes	0
Sapotaceae	*Capurodendron pseudoterminalia*	Critically Endangered *	yes	0
Sapotaceae	*Capurodendron rubrocostatum*	Least Concern	yes	0
Sapotaceae	*Capurodendron rufescens*	Endangered *	yes	0
Sapotaceae	*Capurodendron sahafariense*	Endangered *	yes	0
Sapotaceae	*Capurodendron sakalavum*	Vulnerable	yes	0
Sapotaceae	*Capurodendron schatzii*	Critically Endangered *	yes	0
Sapotaceae	*Capurodendron suarezense*	Endangered	yes	0
Sapotaceae	*Capurodendron tampinense*	Data Deficient *	yes	0
Sapotaceae	*Capurodendron terminalioides*	Endangered *	yes	0
Lythraceae	*Capuronia benoistii*	Least Concern	yes	3
Meliaceae	*Capuronianthus mahafalensis*	Endangered	yes	1
Meliaceae	*Capuronianthus vohemarensis*	Endangered	yes	0
Rhizophoraceae	*Carallia brachiata*	Least Concern *	no	15
Apocynaceae	*Carissa boiviniana*	Least Concern	yes	1
Rubiaceae	*Carphalea cloiselii*	Endangered	yes	1
Rubiaceae	*Carphalea madagascariensis*	Vulnerable	yes	2
Polygalaceae	*Carpolobia goetzei*	Least Concern	no	1
Salicaceae	*Casearia nigrescens*	Least Concern	yes	1
Salicaceae	*Casearia tulasneana*	Vulnerable	yes	0
Fabaceae	*Cassia afrofistula*	Least Concern	no	5
Fabaceae	*Cassia hippophallus*	Least Concern	yes	1
Celastraceae	*Cassine aethiopica*	Least Concern	no	3
Icacinaceae	*Cassinopsis chapelieri*	Vulnerable	yes	0
Icacinaceae	*Cassinopsis ciliata*	Vulnerable	yes	0
Icacinaceae	*Cassinopsis madagascariensis*	Least Concern	yes	1
Icacinaceae	*Cassinopsis tomentosa*	Endangered	yes	0
Rhizophoraceae	*Cassipourea delphinensis*	Data Deficient	yes	0
Rhizophoraceae	*Cassipourea ellipticifolia*	Critically Endangered	yes	0
Rhizophoraceae	*Cassipourea gummiflua*	Least Concern	no	5
Rhizophoraceae	*Cassipourea lanceolata*	Near Threatened	yes	0
Rhizophoraceae	*Cassipourea leptoclada*	Endangered	yes	0
Rhizophoraceae	*Cassipourea madagascariensis*	Endangered	yes	0
Rhizophoraceae	*Cassipourea myriocarpa*	Endangered	yes	0
Rhizophoraceae	*Cassipourea sessiliflora*	Data Deficient	yes	0
Rutaceae	*Cedrelopsis ambanjensis*	Endangered	yes	0
Rutaceae	*Cedrelopsis gracilis*	Critically Endangered	yes	0
Rutaceae	*Cedrelopsis grevei*	Least Concern	yes	2
Rutaceae	*Cedrelopsis longibracteata*	Endangered	yes	0
Rutaceae	*Cedrelopsis microfoliolata*	Least Concern	yes	1
Rutaceae	*Cedrelopsis procera*	Critically Endangered	yes	0
Rutaceae	*Cedrelopsis trivalvis*	Least Concern	yes	0
Cannabaceae	*Celtis bifida*	Least Concern	yes	1
Cannabaceae	*Celtis gomphophylla*	Least Concern	no	8
Cannabaceae	*Celtis madagascariensis*	Least Concern	yes	1
Cannabaceae	*Celtis mildbraedii*	Least Concern	no	5
Cannabaceae	*Celtis philippensis*	Least Concern	no	5
Apocynaceae	*Cerbera manghas*	Least Concern	no	36
Rhizophoraceae	*Ceriops tagal*	Least Concern	no	5
Fabaceae	*Chadsia flammea*	Least Concern	yes	0
Fabaceae	*Chadsia magnifica*	Vulnerable	yes	0
Fabaceae	*Chadsia salicina*	Least Concern	yes	1
Ulmaceae	*Chaetachme aristata*	Least Concern	no	4
Peraceae	*Chaetocarpus rabaraba*	Endangered	yes	0
Rubiaceae	*Chapelieria madagascariensis*	Least Concern	yes	1
Rubiaceae	*Chassalia magnifolia*	Near Threatened	yes	0
Rutaceae	*Chloroxylon faho*	Vulnerable	yes	0
Rutaceae	*Chloroxylon falcatum*	Endangered	yes	0
Sapindaceae	*Chouxia bijugata*	Endangered	yes	0
Sapindaceae	*Chouxia borealis*	Near Threatened	yes	0
Sapindaceae	*Chouxia macrophylla*	Endangered	yes	0
Sapindaceae	*Chouxia mollis*	Endangered	yes	0
Sapindaceae	*Chouxia sorindeioides*	Near Threatened	yes	0
Malvaceae	*Christiana africana*	Least Concern *	no	2
Canellaceae	*Cinnamosma fragrans*	Least Concern	yes	0

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Canellaceae	*Cinnamosma macrocarpa*	Vulnerable	yes	0
Canellaceae	*Cinnamosma madagascariensis*	Least Concern	yes	0
Euphorbiaceae	*Claoxylon decaryanum*	Endangered	yes	0
Euphorbiaceae	*Claoxylopsis andapensis*	Endangered	yes	0
Euphorbiaceae	*Claoxylopsis purpurascens*	Vulnerable	yes	0
Euphorbiaceae	*Cleidion capuronii*	Critically Endangered	yes	0
Phyllanthaceae	*Cleistanthus boivinianus*	Least Concern	yes	1
Phyllanthaceae	*Cleistanthus capuronii*	Endangered	yes	0
Phyllanthaceae	*Cleistanthus occidentalis*	Vulnerable	yes	0
Phyllanthaceae	*Cleistanthus perrieri*	Near Threatened	yes	0
Phyllanthaceae	*Cleistanthus stenonia*	Least Concern *	no	0
Phyllanthaceae	*Cleistanthus suarezensis*	Endangered	no	0
Lamiaceae	*Clerodendrum alboviolaceum*	Near Threatened *	yes	0
Lamiaceae	*Clerodendrum aucubifolium*	Data Deficient *	yes	0
Lamiaceae	*Clerodendrum bosseri*	Data Deficient *	yes	0
Lamiaceae	*Clerodendrum cauliflorum*	Data Deficient *	yes	0
Lamiaceae	*Clerodendrum comans*	Data Deficient *	yes	0
Lamiaceae	*Clerodendrum decaryi*	Data Deficient *	yes	0
Lamiaceae	*Clerodendrum eucalycinum*	Endangered	yes	0
Lamiaceae	*Clerodendrum giganteum*	Endangered *	yes	0
Lamiaceae	*Clerodendrum hircinum*	Data Deficient *	yes	0
Lamiaceae	*Clerodendrum hiulcum*	Endangered *	yes	0
Lamiaceae	*Clerodendrum involucratum*	Least Concern	yes	1
Lamiaceae	*Clerodendrum kamhyoae*	Vulnerable *	yes	0
Lamiaceae	*Clerodendrum kauderni*	Endangered	yes	0
Lamiaceae	*Clerodendrum laxiflorum*	Data Deficient *	yes	0
Lamiaceae	*Clerodendrum madagascariense*	Data Deficient *	yes	0
Lamiaceae	*Clerodendrum magnoliifolium*	Data Deficient *	yes	0
Lamiaceae	*Clerodendrum petunioides*	Data Deficient *	yes	0
Lamiaceae	*Clerodendrum roseiflorum*	Vulnerable *	yes	0
Lamiaceae	*Clerodendrum rubellum*	Data Deficient *	yes	0
Lamiaceae	*Clerodendrum thouarsii*	Vulnerable *	yes	0
Lamiaceae	*Clerodendrum trichanthum*	Vulnerable *	yes	0
Asteraceae	*Cloiselia carbonaria*	Least Concern	yes	0
Asteraceae	*Cloiselia madagascariensis*	Endangered	yes	0
Connaraceae	*Cnestis lurida*	Vulnerable	yes	0
Rubiaceae	*Coffea abbayesii*	Endangered	yes	0
Rubiaceae	*Coffea ambanjensis*	Endangered	yes	0
Rubiaceae	*Coffea ambongensis*	Endangered	yes	1
Rubiaceae	*Coffea andrambovatensis*	Data Deficient	yes	0
Rubiaceae	*Coffea ankaranensis*	Endangered	yes	0
Rubiaceae	*Coffea arenesiana*	Endangered	yes	0
Rubiaceae	*Coffea augagneurii*	Endangered	yes	0
Rubiaceae	*Coffea bertrandii*	Vulnerable	yes	0
Rubiaceae	*Coffea betamponensis*	Endangered	yes	0
Rubiaceae	*Coffea bissetiae*	Vulnerable	yes	0
Rubiaceae	*Coffea boinensis*	Endangered	yes	0
Rubiaceae	*Coffea boiviniana*	Near Threatened	yes	0
Rubiaceae	*Coffea bonnieri*	Endangered	yes	0
Rubiaceae	*Coffea buxifolia*	Least Concern	yes	1

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Rubiaceae	*Coffea commersoniana*	Vulnerable	yes	1
Rubiaceae	*Coffea coursiana*	Vulnerable	yes	0
Rubiaceae	*Coffea decaryana*	Critically Endangered	yes	1
Rubiaceae	*Coffea dubardii*	Near Threatened	yes	0
Rubiaceae	*Coffea farafanganensis*	Endangered	yes	0
Rubiaceae	*Coffea fragilis*	Data Deficient	yes	0
Rubiaceae	*Coffea gallienii*	Endangered	yes	0
Rubiaceae	*Coffea grevei*	Least Concern	yes	0
Rubiaceae	*Coffea heimii*	Vulnerable	yes	0
Rubiaceae	*Coffea homollei*	Vulnerable	yes	0
Rubiaceae	*Coffea jumellei*	Endangered	yes	0
Rubiaceae	*Coffea kianjavatensis*	Endangered	yes	0
Rubiaceae	*Coffea labatii*	Vulnerable	yes	0
Rubiaceae	*Coffea lancifolia*	Endangered	yes	0
Rubiaceae	*Coffea leroyi*	Least Concern	yes	0
Rubiaceae	*Coffea liaudii*	Endangered	yes	0
Rubiaceae	*Coffea littoralis*	Endangered	yes	0
Rubiaceae	*Coffea mangoroensis*	Near Threatened	yes	0
Rubiaceae	*Coffea manombensis*	Critically Endangered	yes	0
Rubiaceae	*Coffea mcphersonii*	Endangered	yes	0
Rubiaceae	*Coffea millotii*	Least Concern	yes	0
Rubiaceae	*Coffea minutiflora*	Critically Endangered	yes	0
Rubiaceae	*Coffea mogenetii*	Endangered	yes	0
Rubiaceae	*Coffea montis-sacri*	Critically Endangered	yes	0
Rubiaceae	*Coffea moratii*	Vulnerable	yes	0
Rubiaceae	*Coffea namorokensis*	Endangered	yes	0
Rubiaceae	*Coffea perrieri*	Least Concern	yes	2
Rubiaceae	*Coffea pervilleana*	Least Concern	yes	0
Rubiaceae	*Coffea pterocarpa*	Endangered	yes	0
Rubiaceae	*Coffea rakotonasoloi*	Critically Endangered	yes	0
Rubiaceae	*Coffea ratsimamangae*	Vulnerable	yes	0
Rubiaceae	*Coffea resinosa*	Least Concern	yes	0
Rubiaceae	*Coffea richardii*	Near Threatened	yes	1
Rubiaceae	*Coffea sahafaryensis*	Endangered	yes	0
Rubiaceae	*Coffea sakarahae*	Least Concern	yes	0
Rubiaceae	*Coffea sambavensis*	Endangered	yes	0
Rubiaceae	*Coffea tetragona*	Least Concern	yes	0
Rubiaceae	*Coffea toshii*	Endangered	yes	0
Rubiaceae	*Coffea tricalysioides*	Least Concern	yes	0
Rubiaceae	*Coffea tsirananae*	Vulnerable	yes	0
Rubiaceae	*Coffea vatovavyensis*	Critically Endangered	yes	0
Rubiaceae	*Coffea vianneyi*	Endangered	yes	0
Rubiaceae	*Coffea vohemarensis*	Endangered	yes	0
Bignoniaceae	*Colea alata*	Endangered *	yes	0
Bignoniaceae	*Colea ambrensis*	Endangered *	yes	0
Bignoniaceae	*Colea asperrima*	Endangered *	yes	0
Bignoniaceae	*Colea barbatula*	Data Deficient *	yes	0
Bignoniaceae	*Colea bernieri*	Data Deficient *	yes	0
Bignoniaceae	*Colea campenonii*	Data Deficient	yes	0
Bignoniaceae	*Colea concinna*	Data Deficient *	yes	0

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Bignoniaceae	*Colea darainensis*	Endangered	yes	0
Bignoniaceae	*Colea delphinensis*	Vulnerable	yes	0
Bignoniaceae	*Colea floribunda*	Least Concern	yes	0
Bignoniaceae	*Colea fusca*	Data Deficient *	yes	1
Bignoniaceae	*Colea hirsuta*	Data Deficient *	yes	0
Bignoniaceae	*Colea lantziana*	Vulnerable *	yes	0
Bignoniaceae	*Colea lutescens*	Data Deficient *	yes	0
Bignoniaceae	*Colea membranacea*	Endangered *	yes	0
Bignoniaceae	*Colea muricata*	Data Deficient *	yes	0
Bignoniaceae	*Colea myriaptera*	Data Deficient *	yes	0
Bignoniaceae	*Colea nana*	Data Deficient *	yes	0
Bignoniaceae	*Colea obtusifolia*	Data Deficient *	yes	1
Bignoniaceae	*Colea pauciflora*	Vulnerable *	yes	0
Bignoniaceae	*Colea purpurascens*	Endangered *	yes	0
Bignoniaceae	*Colea ramiflora*	Critically Endangered *	yes	0
Bignoniaceae	*Colea ratovosonii*	Endangered	yes	0
Bignoniaceae	*Colea rubra*	Data Deficient *	yes	0
Bignoniaceae	*Colea sytsmae*	Critically Endangered *	yes	0
Bignoniaceae	*Colea tetragona*	Near Threatened *	yes	1
Rhamnaceae	*Colubrina articulata*	Least Concern	no	0
Rhamnaceae	*Colubrina decipiens*	Least Concern	yes	2
Rhamnaceae	*Colubrina faraloatra*	Least Concern	yes	0
Fabaceae	*Colvillea racemosa*	Least Concern	yes	33
Burseraceae	*Commiphora andranovoryensis*	Endangered	yes	0
Burseraceae	*Commiphora ankaranensis*	Vulnerable	yes	0
Burseraceae	*Commiphora aprevalii*	Least Concern	yes	5
Burseraceae	*Commiphora arafy*	Vulnerable	yes	1
Burseraceae	*Commiphora brevicalyx*	Least Concern	yes	2
Burseraceae	*Commiphora capuronii*	Vulnerable	yes	0
Burseraceae	*Commiphora cuneifolia*	Data Deficient	yes	0
Burseraceae	*Commiphora elliptica*	Vulnerable	yes	0
Burseraceae	*Commiphora falcata*	Vulnerable	yes	1
Burseraceae	*Commiphora fraxinifolia*	Endangered	yes	0
Burseraceae	*Commiphora grandifolia*	Least Concern	yes	3
Burseraceae	*Commiphora guillauminii*	Vulnerable	yes	1
Burseraceae	*Commiphora lamii*	Near Threatened	yes	4
Burseraceae	*Commiphora lasiodisca*	Near Threatened	yes	1
Burseraceae	*Commiphora laxecymigera*	Endangered	yes	0
Burseraceae	*Commiphora mafaidoha*	Endangered	yes	4
Burseraceae	*Commiphora morondavensis*	Vulnerable	yes	0
Burseraceae	*Commiphora pervilleana*	Least Concern	yes	1
Burseraceae	*Commiphora pterocarpa*	Vulnerable	yes	1
Burseraceae	*Commiphora razakamalalae*	Endangered	yes	0
Burseraceae	*Commiphora stellulata*	Endangered	yes	0
Burseraceae	*Commiphora tetramera*	Vulnerable	yes	0
Oleaceae	*Comoranthus minor*	Least Concern	yes	1
Oleaceae	*Comoranthus obconicus*	Least Concern	no	0
Sapindaceae	*Conchopetalum brachysepalum*	Least Concern	yes	0
Sapindaceae	*Conchopetalum madagascariense*	Endangered	yes	0
Rubiaceae	*Coptosperma bernierianum*	Least Concern	yes	1

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Rubiaceae	*Coptosperma humblotii*	Vulnerable	yes	0
Rubiaceae	*Coptosperma madagascariense*	Vulnerable	yes	1
Rubiaceae	*Coptosperma mitochondrioides*	Vulnerable	no	1
Rubiaceae	*Coptosperma nigrescens*	Least Concern *	no	3
Rubiaceae	*Coptosperma pachyphyllum*	Least Concern	yes	0
Rubiaceae	*Coptosperma sessiliflorum*	Data Deficient	yes	0
Rubiaceae	*Coptosperma supra-axillare*	Least Concern *	no	2
Boraginaceae	*Cordia lowryana*	Least Concern	yes	0
Boraginaceae	*Cordia mairei*	Least Concern	yes	1
Boraginaceae	*Cordia schatziana*	Endangered	yes	0
Boraginaceae	*Cordia subcordata*	Least Concern	no	14
Apocynaceae	*Craspidospermum verticillatum*	Least Concern	yes	0
Rubiaceae	*Craterispermum cervicorne*	Vulnerable	yes	0
Rubiaceae	*Craterispermum motleyanum*	Vulnerable	yes	0
Capparaceae	*Crateva excelsa*	Least Concern	yes	2
Capparaceae	*Crateva greveana*	Least Concern	yes	1
Capparaceae	*Crateva obovata*	Least Concern	yes	0
Rubiaceae	*Cremaspora triflora*	Least Concern	no	1
Euphorbiaceae	*Croton adenophorus*	Least Concern	no	0
Euphorbiaceae	*Croton aleuritoides*	Endangered	yes	0
Euphorbiaceae	*Croton ankeranae*	Endangered	yes	0
Euphorbiaceae	*Croton argyrodaphne*	Least Concern	yes	0
Euphorbiaceae	*Croton barorum*	Endangered	yes	0
Euphorbiaceae	*Croton bergassae*	Endangered	yes	0
Euphorbiaceae	*Croton bernieri*	Least Concern	yes	0
Euphorbiaceae	*Croton bracteatus*	Endangered	yes	0
Euphorbiaceae	*Croton campenonii*	Endangered	yes	0
Euphorbiaceae	*Croton catatii*	Least Concern	yes	0
Euphorbiaceae	*Croton chapelieri*	Vulnerable	yes	0
Euphorbiaceae	*Croton chlaenacicomes*	Vulnerable	yes	0
Euphorbiaceae	*Croton chrysodaphne*	Least Concern	yes	0
Euphorbiaceae	*Croton chypreae*	Endangered	yes	0
Euphorbiaceae	*Croton crossolepis*	Endangered	yes	0
Euphorbiaceae	*Croton cupreolepis*	Near Threatened	yes	0
Euphorbiaceae	*Croton enigmaticus*	Endangered	yes	0
Euphorbiaceae	*Croton fianarantsoae*	Least Concern	yes	0
Euphorbiaceae	*Croton goudotii*	Least Concern	yes	1
Euphorbiaceae	*Croton greveanus*	Least Concern	yes	0
Euphorbiaceae	*Croton heteranthus*	Vulnerable	yes	0
Euphorbiaceae	*Croton isomonensis*	Endangered	yes	1
Euphorbiaceae	*Croton loucoubensis*	Vulnerable	yes	0
Euphorbiaceae	*Croton macrostachyus*	Least Concern	no	8
Euphorbiaceae	*Croton maevaranensis*	Critically Endangered	yes	0
Euphorbiaceae	*Croton mocquerysii*	Endangered	yes	0
Euphorbiaceae	*Croton mongue*	Least Concern	yes	2
Euphorbiaceae	*Croton multicostatus*	Vulnerable	yes	0
Euphorbiaceae	*Croton myriaster*	Near Threatened	yes	0
Euphorbiaceae	*Croton nitidulus*	Least Concern	yes	0
Euphorbiaceae	*Croton nobilis*	Endangered	yes	1
Euphorbiaceae	*Croton plurispicatus*	Endangered	yes	0

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Euphorbiaceae	*Croton regeneratrix*	Endangered	yes	0
Euphorbiaceae	*Croton scoriarum*	Endangered	yes	0
Euphorbiaceae	*Croton stanneus*	Least Concern	yes	0
Euphorbiaceae	*Croton submetallicus*	Least Concern	yes	0
Euphorbiaceae	*Croton vatomandrensis*	Vulnerable	yes	0
Lauraceae	*Cryptocarya agathophylla*	Near Threatened	yes	0
Lauraceae	*Cryptocarya alseodaphnifolia*	Critically Endangered	yes	0
Lauraceae	*Cryptocarya ambrensis*	Endangered	yes	0
Lauraceae	*Cryptocarya canaliculata*	Critically Endangered	yes	0
Lauraceae	*Cryptocarya capuronii*	Critically Endangered	yes	0
Lauraceae	*Cryptocarya caryoptera*	Critically Endangered	yes	0
Lauraceae	*Cryptocarya coriacea*	Vulnerable	yes	0
Lauraceae	*Cryptocarya crassifolia*	Least Concern *	yes	0
Lauraceae	*Cryptocarya dealbata*	Endangered	yes	0
Lauraceae	*Cryptocarya fulva*	Endangered	yes	0
Lauraceae	*Cryptocarya glabriflora*	Critically Endangered	yes	0
Lauraceae	*Cryptocarya helicina*	Endangered	yes	0
Lauraceae	*Cryptocarya krameri*	Vulnerable	yes	1
Lauraceae	*Cryptocarya litoralis*	Least Concern	yes	1
Lauraceae	*Cryptocarya louvelii*	Critically Endangered	yes	0
Lauraceae	*Cryptocarya megaphylla*	Critically Endangered	yes	0
Lauraceae	*Cryptocarya montana*	Critically Endangered	yes	0
Lauraceae	*Cryptocarya multiflora*	Endangered	yes	0
Lauraceae	*Cryptocarya oblonga*	Endangered	yes	0
Lauraceae	*Cryptocarya occidentalis*	Least Concern	yes	1
Lauraceae	*Cryptocarya ocoteifolia*	Critically Endangered	yes	0
Lauraceae	*Cryptocarya ovalifolia*	Near Threatened	yes	0
Lauraceae	*Cryptocarya pallidifolia*	Critically Endangered	yes	0
Lauraceae	*Cryptocarya perareolata*	Endangered	yes	0
Lauraceae	*Cryptocarya pervillei*	Near Threatened	yes	0
Lauraceae	*Cryptocarya petiolata*	Endangered	yes	0
Lauraceae	*Cryptocarya polyneura*	Near Threatened	yes	0
Lauraceae	*Cryptocarya retusa*	Vulnerable	yes	1
Lauraceae	*Cryptocarya revoluta*	Endangered	yes	0
Lauraceae	*Cryptocarya rigidifolia*	Near Threatened	yes	1
Lauraceae	*Cryptocarya robynsiana*	Critically Endangered	yes	0
Lauraceae	*Cryptocarya rotundifolia*	Critically Endangered	yes	0
Lauraceae	*Cryptocarya septentrionalis*	Vulnerable	yes	0
Lauraceae	*Cryptocarya spathulata*	Vulnerable	yes	0
Lauraceae	*Cryptocarya subtriplinervia*	Vulnerable	yes	0
Lauraceae	*Cryptocarya thouvenotii*	Vulnerable	yes	0
Lauraceae	*Cryptocarya vaccinioides*	Endangered	yes	0
Lauraceae	*Cryptocarya vanderwerffii*	Critically Endangered	yes	0
Lauraceae	*Cryptocarya velutina*	Critically Endangered	yes	0
Fabaceae	*Cynometra abrahamii*	Least Concern	yes	0
Fabaceae	*Cynometra ankaranensis*	Endangered	yes	0
Fabaceae	*Cynometra aurita*	Near Threatened	yes	0
Fabaceae	*Cynometra capuronii*	Endangered	yes	0
Fabaceae	*Cynometra commersoniana*	Least Concern	yes	0
Fabaceae	*Cynometra dauphinensis*	Vulnerable	yes	0
Fabaceae	*Cynometra lyallii*	Vulnerable	yes	0
Fabaceae	*Cynometra madagascariensis*	Endangered	yes	0
Fabaceae	*Cynometra pervilleana*	Vulnerable	yes	0
Fabaceae	*Cynometra sakalava*	Least Concern	yes	1
Vitaceae	*Cyphostemma darainense*	Endangered	yes	0
Thymelaeaceae	*Dais glaucescens*	Least Concern	yes	0
Fabaceae	*Dalbergia abrahamii*	Endangered	yes	2
Fabaceae	*Dalbergia andapensis*	Endangered	yes	0
Fabaceae	*Dalbergia aurea*	Critically Endangered	yes	0
Fabaceae	*Dalbergia baronii*	Vulnerable *	yes	2
Fabaceae	*Dalbergia bathiei*	Endangered *	yes	0
Fabaceae	*Dalbergia bojeri*	Endangered *	yes	0
Fabaceae	*Dalbergia brachystachya*	Endangered *	yes	0
Fabaceae	*Dalbergia bracteolata*	Least Concern *	no	2
Fabaceae	*Dalbergia campenonii*	Data Deficient *	yes	0
Fabaceae	*Dalbergia capuronii*	Endangered *	yes	0
Fabaceae	*Dalbergia chapelieri*	Near Threatened	yes	0
Fabaceae	*Dalbergia chermezonii*	Least Concern *	yes	0
Fabaceae	*Dalbergia chlorocarpa*	Vulnerable	yes	1
Fabaceae	*Dalbergia davidii*	Critically Endangered	yes	0
Fabaceae	*Dalbergia delphinensis*	Endangered *	yes	0
Fabaceae	*Dalbergia emirnensis*	Vulnerable	yes	1
Fabaceae	*Dalbergia erubescens*	Endangered *	yes	0
Fabaceae	*Dalbergia gautieri*	Endangered *	yes	0
Fabaceae	*Dalbergia glaberrima*	Vulnerable	yes	1
Fabaceae	*Dalbergia glaucocarpa*	Vulnerable	yes	1
Fabaceae	*Dalbergia greveana*	Vulnerable	yes	2
Fabaceae	*Dalbergia hildebrandtii*	Vulnerable	yes	0
Fabaceae	*Dalbergia hirticalyx*	Endangered *	yes	0
Fabaceae	*Dalbergia humbertii*	Vulnerable	yes	1
Fabaceae	*Dalbergia lemurica*	Vulnerable	yes	1
Fabaceae	*Dalbergia louvelii*	Endangered *	yes	0
Fabaceae	*Dalbergia madagascariensis*	Vulnerable	yes	0
Fabaceae	*Dalbergia maritima*	Endangered *	yes	0
Fabaceae	*Dalbergia mollis*	Vulnerable	yes	2
Fabaceae	*Dalbergia monticola*	Vulnerable *	yes	1
Fabaceae	*Dalbergia neoperrieri*	Vulnerable	yes	0
Fabaceae	*Dalbergia normandii*	Endangered *	yes	0
Fabaceae	*Dalbergia occulta*	Critically Endangered	yes	0
Fabaceae	*Dalbergia orientalis*	Vulnerable *	yes	0
Fabaceae	*Dalbergia peltieri*	Vulnerable	yes	1
Fabaceae	*Dalbergia pervillei*	Vulnerable	yes	1
Fabaceae	*Dalbergia pseudobaronii*	Vulnerable	yes	0
Fabaceae	*Dalbergia purpurascens*	Vulnerable	yes	4
Fabaceae	*Dalbergia suaresensis*	Endangered	yes	1
Fabaceae	*Dalbergia trichocarpa*	Least Concern	yes	1
Fabaceae	*Dalbergia tricolor*	Vulnerable	yes	0
Fabaceae	*Dalbergia tsaratananensis*	Endangered *	yes	0
Fabaceae	*Dalbergia tsiandalana*	Endangered	yes	1
Fabaceae	*Dalbergia urschii*	Endangered	yes	0

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Fabaceae	*Dalbergia viguieri*	Vulnerable	yes	0
Fabaceae	*Dalbergia xerophila*	Endangered	yes	1
Didiereaceae	*Decarya madagascariensis*	Near Threatened	yes	21
Monimiaceae	*Decarydendron helenae*	Vulnerable	yes	0
Monimiaceae	*Decarydendron lamii*	Vulnerable	yes	0
Monimiaceae	*Decarydendron perrieri*	Vulnerable	yes	0
Monimiaceae	*Decarydendron ranomafanensis*	Least Concern	yes	0
Sapindaceae	*Deinbollia boinensis*	Endangered	yes	1
Sapindaceae	*Deinbollia borbonica*	Data Deficient *	no	1
Sapindaceae	*Deinbollia macrocarpa*	Vulnerable	yes	0
Sapindaceae	*Deinbollia neglecta*	Endangered	yes	0
Sapindaceae	*Deinbollia pervillei*	Least Concern	yes	1
Fabaceae	*Delonix boiviniana*	Least Concern	yes	8
Fabaceae	*Delonix brachycarpa*	Least Concern	yes	0
Fabaceae	*Delonix decaryi*	Vulnerable	yes	16
Fabaceae	*Delonix floribunda*	Least Concern	yes	19
Fabaceae	*Delonix leucantha*	Near Threatened	yes	2
Fabaceae	*Delonix pumila*	Endangered	yes	22
Fabaceae	*Delonix regia*	Least Concern	yes	127
Fabaceae	*Delonix tomentosa*	Critically Endangered	yes	0
Fabaceae	*Delonix velutina*	Endangered	yes	4
Fabaceae	*Dendrolobium umbellatum*	Least Concern *	no	7
Fabaceae	*Denisophytum madagascariense*	Vulnerable	yes	0
Fabaceae	*Dialium madagascariense*	Vulnerable	yes	0
Fabaceae	*Dialium occidentale*	Least Concern	yes	1
Fabaceae	*Dialium unifoliolatum*	Near Threatened	yes	1
Sphaerosepalaceae	*Dialyceras coriaceum*	Vulnerable	yes	0
Sphaerosepalaceae	*Dialyceras discolor*	Endangered	yes	0
Sphaerosepalaceae	*Dialyceras parvifolium*	Endangered	yes	0
Melastomataceae	*Dichaetanthera altissima*	Endangered	yes	0
Melastomataceae	*Dichaetanthera arborea*	Least Concern	yes	0
Melastomataceae	*Dichaetanthera articulata*	Vulnerable	yes	0
Melastomataceae	*Dichaetanthera asperrima*	Endangered	yes	0
Melastomataceae	*Dichaetanthera bifida*	Vulnerable	yes	0
Melastomataceae	*Dichaetanthera ciliata*	Critically Endangered	yes	0
Melastomataceae	*Dichaetanthera cordifolia*	Least Concern	yes	2
Melastomataceae	*Dichaetanthera grandifolia*	Critically Endangered	yes	0
Melastomataceae	*Dichaetanthera heteromorpha*	Endangered	yes	0
Melastomataceae	*Dichaetanthera madagascariensis*	Critically Endangered	yes	0
Melastomataceae	*Dichaetanthera oblongifolia*	Least Concern	yes	0
Melastomataceae	*Dichaetanthera schatzii*	Least Concern	yes	0
Melastomataceae	*Dichaetanthera tsaratananensis*	Endangered	yes	0
Dichapetalaceae	*Dichapetalum humbertii*	Least Concern	yes	0
Dichapetalaceae	*Dichapetalum madagascariense*	Least Concern *	no	7
Dichapetalaceae	*Dichapetalum virchowii*	Vulnerable	yes	0
Fabaceae	*Dichrostachys arborescens*	Least Concern	yes	1
Fabaceae	*Dichrostachys myriophylla*	Vulnerable	yes	0
Fabaceae	*Dichrostachys unijuga*	Least Concern	yes	0
Asteraceae	*Dicoma incana*	Least Concern	yes	1
Hamamelidaceae	*Dicoryphe buddleoides*	Vulnerable	yes	0
Hamamelidaceae	*Dicoryphe lanceolata*	Critically Endangered	yes	0
Hamamelidaceae	*Dicoryphe macrophylla*	Near Threatened	yes	0
Hamamelidaceae	*Dicoryphe stipulacea*	Least Concern	yes	1
Fabaceae	*Dicraeopetalum capuronianum*	Near Threatened	yes	1
Fabaceae	*Dicraeopetalum mahafaliense*	Least Concern	yes	1
Didiereaceae	*Didierea madagascariensis*	Least Concern	yes	53
Didiereaceae	*Didierea trollii*	Vulnerable	yes	61
Buxaceae	*Didymeles integrifolia*	Least Concern	yes	0
Buxaceae	*Didymeles perrieri*	Least Concern	yes	0
Bixaceae	*Diegodendron humbertii*	Vulnerable	yes	1
Dilleniaceae	*Dillenia triquetra*	Least Concern	yes	0
Proteaceae	*Dilobeia tenuinervis*	Endangered	yes	0
Proteaceae	*Dilobeia thouarsii*	Least Concern	yes	0
Ebenaceae	*Diospyros aculeata*	Least Concern	yes	1
Ebenaceae	*Diospyros analamerensis*	Endangered *	yes	0
Ebenaceae	*Diospyros anosivolensis*	Endangered	yes	1
Ebenaceae	*Diospyros baroniana*	Least Concern	yes	0
Ebenaceae	*Diospyros bemarivensis*	Vulnerable	yes	0
Ebenaceae	*Diospyros bernieriana*	Least Concern *	no	1
Ebenaceae	*Diospyros bezofensis*	Endangered	yes	0
Ebenaceae	*Diospyros boinensis*	Near Threatened	yes	0
Ebenaceae	*Diospyros boivinii*	Least Concern	yes	1
Ebenaceae	*Diospyros calophylla*	Least Concern	yes	1
Ebenaceae	*Diospyros cinnamomoides*	Least Concern	yes	1
Ebenaceae	*Diospyros clusiifolia*	Near Threatened	yes	0
Ebenaceae	*Diospyros comorensis*	Least Concern *	no	0
Ebenaceae	*Diospyros coursiana*	Data Deficient	yes	0
Ebenaceae	*Diospyros cupulifera*	Least Concern	yes	1
Ebenaceae	*Diospyros danguyana*	Least Concern	yes	1
Ebenaceae	*Diospyros decaryana*	Vulnerable	yes	0
Ebenaceae	*Diospyros dicorypheoides*	Endangered	yes	0
Ebenaceae	*Diospyros ebenifera*	Endangered	yes	0
Ebenaceae	*Diospyros erinacea*	Endangered	yes	0
Ebenaceae	*Diospyros erythrosperma*	Least Concern	yes	1
Ebenaceae	*Diospyros ferrea*	Least Concern *	no	10
Ebenaceae	*Diospyros filipes*	Vulnerable	yes	0
Ebenaceae	*Diospyros fuscovelutina*	Near Threatened	yes	0
Ebenaceae	*Diospyros geayana*	Endangered	yes	0
Ebenaceae	*Diospyros gracilipes*	Least Concern *	yes	0
Ebenaceae	*Diospyros greveana*	Vulnerable	yes	0
Ebenaceae	*Diospyros haplostylis*	Least Concern	yes	0
Ebenaceae	*Diospyros hazomainty*	Data Deficient	yes	0
Ebenaceae	*Diospyros heterosepala*	Critically Endangered *	yes	0
Ebenaceae	*Diospyros humbertiana*	Least Concern	yes	1
Ebenaceae	*Diospyros implexicalyx*	Endangered	yes	0
Ebenaceae	*Diospyros ketsensis*	Critically Endangered	yes	0
Ebenaceae	*Diospyros lanceolata*	Near Threatened	yes	0
Ebenaceae	*Diospyros latispathulata*	Least Concern	yes	1
Ebenaceae	*Diospyros leucocalyx*	Least Concern	yes	0
Ebenaceae	*Diospyros lokohensis*	Least Concern	yes	0

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Ebenaceae	*Diospyros louvelii*	Endangered	yes	0
Ebenaceae	*Diospyros madecassa*	Vulnerable	yes	0
Ebenaceae	*Diospyros manampetsae*	Least Concern	yes	1
Ebenaceae	*Diospyros mangabensis*	Least Concern	yes	0
Ebenaceae	*Diospyros mangorensis*	Data Deficient	yes	0
Ebenaceae	*Diospyros mapingo*	Least Concern *	yes	1
Ebenaceae	*Diospyros masoalensis*	Near Threatened	yes	0
Ebenaceae	*Diospyros mcphersonii*	Endangered	yes	0
Ebenaceae	*Diospyros meeusiana*	Endangered	yes	0
Ebenaceae	*Diospyros microrhombus*	Near Threatened	yes	0
Ebenaceae	*Diospyros myriophylla*	Least Concern	yes	1
Ebenaceae	*Diospyros myrtifolia*	Least Concern	yes	0
Ebenaceae	*Diospyros nidiformis*	Endangered	yes	1
Ebenaceae	*Diospyros obducta*	Endangered	yes	0
Ebenaceae	*Diospyros occlusa*	Least Concern	yes	1
Ebenaceae	*Diospyros olacinoides*	Least Concern	yes	1
Ebenaceae	*Diospyros parifolia*	Near Threatened	yes	0
Ebenaceae	*Diospyros parvifolia*	Least Concern	yes	0
Ebenaceae	*Diospyros perglauca*	Endangered	yes	0
Ebenaceae	*Diospyros perreticulata*	Least Concern	yes	0
Ebenaceae	*Diospyros perrieri*	Near Threatened	yes	0
Ebenaceae	*Diospyros pervilleana*	Least Concern	yes	0
Ebenaceae	*Diospyros pervillei*	Endangered	yes	1
Ebenaceae	*Diospyros platycalyx*	Least Concern *	yes	1
Ebenaceae	*Diospyros pruinosa*	Least Concern	yes	0
Ebenaceae	*Diospyros quercina*	Vulnerable	yes	1
Ebenaceae	*Diospyros sakalavarum*	Least Concern	yes	1
Ebenaceae	*Diospyros sclerophylla*	Vulnerable	yes	0
Ebenaceae	*Diospyros sphaerosepala*	Near Threatened	yes	0
Ebenaceae	*Diospyros squamosa*	Least Concern	yes	0
Ebenaceae	*Diospyros stenocarpa*	Vulnerable	yes	0
Ebenaceae	*Diospyros subacuta*	Vulnerable	yes	0
Ebenaceae	*Diospyros subenervis*	Vulnerable	yes	0
Ebenaceae	*Diospyros subfalciformis*	Endangered	yes	0
Ebenaceae	*Diospyros subsessilifolia*	Least Concern	yes	0
Ebenaceae	*Diospyros subtrinervis*	Critically Endangered	yes	0
Ebenaceae	*Diospyros tampinensis*	Vulnerable	yes	0
Ebenaceae	*Diospyros tetraceros*	Endangered	yes	0
Ebenaceae	*Diospyros tetrapoda*	Critically Endangered	yes	0
Ebenaceae	*Diospyros thouarsii*	Endangered	yes	0
Ebenaceae	*Diospyros torquata*	Near Threatened	yes	1
Ebenaceae	*Diospyros toxicaria*	Least Concern	yes	0
Ebenaceae	*Diospyros tropophylla*	Least Concern	yes	1
Ebenaceae	*Diospyros urschii*	Near Threatened	yes	0
Ebenaceae	*Diospyros velutipes*	Least Concern *	yes	0
Ebenaceae	*Diospyros vescoi*	Least Concern	yes	1
Asteraceae	*Distephanus garnierianus*	Least Concern	yes	1
Asteraceae	*Distephanus trinervis*	Near Threatened	yes	1
Sapindaceae	*Dodonaea madagascariensis*	Least Concern	yes	1
Malvaceae	*Dombeya acerifolia*	Endangered *	yes	0
Malvaceae	*Dombeya acuminatissima*	Critically Endangered *	yes	0
Malvaceae	*Dombeya albisquama*	Endangered	yes	0
Malvaceae	*Dombeya albotomentosa*	Critically Endangered	yes	0
Malvaceae	*Dombeya alleizettei*	Endangered	yes	0
Malvaceae	*Dombeya ambalabeensis*	Endangered	yes	0
Malvaceae	*Dombeya ambatosoratrensis*	Critically Endangered	yes	0
Malvaceae	*Dombeya ambohitrensis*	Critically Endangered	yes	0
Malvaceae	*Dombeya ameliae*	Data Deficient	yes	0
Malvaceae	*Dombeya amplifolia*	Critically Endangered	yes	0
Malvaceae	*Dombeya anakaensis*	Endangered	yes	1
Malvaceae	*Dombeya andapensis*	Vulnerable *	yes	0
Malvaceae	*Dombeya andrahomanensis*	Endangered	yes	1
Malvaceae	*Dombeya ankaratrensis*	Critically Endangered *	yes	0
Malvaceae	*Dombeya ankazobeensis*	Endangered *	yes	0
Malvaceae	*Dombeya anonyensis*	Critically Endangered	yes	0
Malvaceae	*Dombeya antsianakensis*	Least Concern	yes	0
Malvaceae	*Dombeya apikyensis*	Endangered *	yes	0
Malvaceae	*Dombeya australis*	Vulnerable	yes	0
Malvaceae	*Dombeya befotakensis*	Vulnerable *	yes	0
Malvaceae	*Dombeya bemarivensis*	Endangered	yes	0
Malvaceae	*Dombeya biumbellata*	Endangered	yes	1
Malvaceae	*Dombeya borraginea*	Vulnerable	yes	2
Malvaceae	*Dombeya breonii*	Endangered *	yes	0
Malvaceae	*Dombeya brevistyla*	Vulnerable *	yes	0
Malvaceae	*Dombeya cacuminum*	Endangered *	yes	14
Malvaceae	*Dombeya cannabina*	Vulnerable	yes	0
Malvaceae	*Dombeya capuroniana*	Endangered	yes	0
Malvaceae	*Dombeya condensata*	Data Deficient	yes	0
Malvaceae	*Dombeya coria*	Vulnerable	yes	0
Malvaceae	*Dombeya coriopsis*	Critically Endangered	yes	0
Malvaceae	*Dombeya costulatinervia*	Critically Endangered	yes	0
Malvaceae	*Dombeya decanthera*	Endangered	yes	0
Malvaceae	*Dombeya decaryana*	Endangered *	yes	0
Malvaceae	*Dombeya dichotoma*	Endangered	yes	0
Malvaceae	*Dombeya dichotomopsis*	Vulnerable	yes	0
Malvaceae	*Dombeya digyna*	Endangered	yes	0
Malvaceae	*Dombeya dolichophylla*	Vulnerable	yes	0
Malvaceae	*Dombeya dufournetii*	Critically Endangered *	yes	0
Malvaceae	*Dombeya elliptica*	Endangered	yes	1
Malvaceae	*Dombeya erythroclada*	Critically Endangered	yes	0
Malvaceae	*Dombeya flabellifolia*	Vulnerable	yes	0
Malvaceae	*Dombeya floribunda*	Critically Endangered	yes	0
Malvaceae	*Dombeya glaberrima*	Endangered	yes	0
Malvaceae	*Dombeya glabripes*	Critically Endangered *	yes	0
Malvaceae	*Dombeya glandulosissima*	Endangered *	yes	0
Malvaceae	*Dombeya glechomifolia*	Critically Endangered *	yes	0
Malvaceae	*Dombeya gracilicyma*	Endangered	yes	0
Malvaceae	*Dombeya hafotsy*	Endangered	yes	0
Malvaceae	*Dombeya halapo*	Critically Endangered	yes	0
Malvaceae	*Dombeya heimii*	Data Deficient	yes	0

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Malvaceae	*Dombeya hildebrandtii*	Vulnerable	yes	1
Malvaceae	*Dombeya hilsenbergii*	Endangered	yes	0
Malvaceae	*Dombeya humbertiana*	Critically Endangered *	yes	0
Malvaceae	*Dombeya ianthotricha*	Endangered	yes	2
Malvaceae	*Dombeya ivohibeensis*	Endangered *	yes	0
Malvaceae	*Dombeya laevissima*	Endangered *	yes	0
Malvaceae	*Dombeya laurifolia*	Vulnerable	yes	0
Malvaceae	*Dombeya leandrii*	Critically Endangered	yes	0
Malvaceae	*Dombeya lecomtei*	Endangered	yes	1
Malvaceae	*Dombeya lecomteopsis*	Critically Endangered	yes	0
Malvaceae	*Dombeya longepedicellata*	Critically Endangered	yes	0
Malvaceae	*Dombeya longicuspidata*	Critically Endangered *	yes	0
Malvaceae	*Dombeya longipes*	Data Deficient	yes	0
Malvaceae	*Dombeya lucida*	Least Concern	yes	0
Malvaceae	*Dombeya macropoda*	Critically Endangered	yes	0
Malvaceae	*Dombeya magnifolia*	Data Deficient	yes	0
Malvaceae	*Dombeya mananarensis*	Critically Endangered *	yes	0
Malvaceae	*Dombeya mandenensis*	Endangered	yes	0
Malvaceae	*Dombeya mandrakensis*	Data Deficient	yes	0
Malvaceae	*Dombeya manongarivensis*	Data Deficient	yes	0
Malvaceae	*Dombeya marojejyensis*	Critically Endangered *	yes	0
Malvaceae	*Dombeya megaphyllopsis*	Endangered *	yes	0
Malvaceae	*Dombeya menalohensis*	Critically Endangered	yes	0
Malvaceae	*Dombeya merika*	Endangered	yes	0
Malvaceae	*Dombeya micrantha*	Critically Endangered	yes	0
Malvaceae	*Dombeya milleri*	Critically Endangered	yes	0
Malvaceae	*Dombeya mollis*	Vulnerable	yes	1
Malvaceae	*Dombeya montana*	Endangered *	yes	0
Malvaceae	*Dombeya obovalis*	Endangered *	yes	0
Malvaceae	*Dombeya palmatisecta*	Endangered	yes	1
Malvaceae	*Dombeya parvipetala*	Endangered	yes	0
Malvaceae	*Dombeya pauciflora*	Critically Endangered	yes	0
Malvaceae	*Dombeya pentagonalis*	Endangered	yes	0
Malvaceae	*Dombeya perrieri*	Critically Endangered	yes	0
Malvaceae	*Dombeya pilosissima*	Critically Endangered	yes	0
Malvaceae	*Dombeya platanifolia*	Endangered *	yes	0
Malvaceae	*Dombeya ploocarpa*	Critically Endangered	yes	0
Malvaceae	*Dombeya pubescens*	Endangered	yes	0
Malvaceae	*Dombeya punctatopsis*	Endangered	yes	0
Malvaceae	*Dombeya ramiovensis*	Endangered *	yes	0
Malvaceae	*Dombeya ranofotsyensis*	Endangered	yes	0
Malvaceae	*Dombeya rariflora*	Endangered	yes	0
Malvaceae	*Dombeya ratovosonii*	Critically Endangered	yes	0
Malvaceae	*Dombeya repanda*	Data Deficient	yes	0
Malvaceae	*Dombeya rienanensis*	Critically Endangered	yes	0
Malvaceae	*Dombeya rosacea*	Critically Endangered	yes	0
Malvaceae	*Dombeya roseiflora*	Critically Endangered	yes	0
Malvaceae	*Dombeya rottleroides*	Vulnerable	yes	0
Malvaceae	*Dombeya rotunda*	Endangered	yes	0
Malvaceae	*Dombeya rubricuspis*	Endangered	yes	0
Malvaceae	*Dombeya sahatavyensis*	Endangered	yes	0
Malvaceae	*Dombeya sakamaliensis*	Critically Endangered	yes	0
Malvaceae	*Dombeya selinala*	Endangered	yes	0
Malvaceae	*Dombeya sely*	Critically Endangered	yes	0
Malvaceae	*Dombeya seyrigiana*	Critically Endangered	yes	0
Malvaceae	*Dombeya sofiensis*	Data Deficient	yes	0
Malvaceae	*Dombeya somanga*	Endangered	yes	0
Malvaceae	*Dombeya spectabilis*	Least Concern	yes	4
Malvaceae	*Dombeya stipulacea*	Endangered	yes	0
Malvaceae	*Dombeya suarezensis*	Endangered *	yes	0
Malvaceae	*Dombeya subviscosa*	Vulnerable	yes	1
Malvaceae	*Dombeya superba*	Endangered	yes	0
Malvaceae	*Dombeya tavia*	Critically Endangered	yes	0
Malvaceae	*Dombeya tomentosa*	Critically Endangered *	yes	0
Malvaceae	*Dombeya tremula*	Endangered	yes	0
Malvaceae	*Dombeya tsaratananensis*	Endangered	yes	0
Malvaceae	*Dombeya tsiandrensis*	Critically Endangered	yes	0
Malvaceae	*Dombeya tsiapetrokensis*	Data Deficient	yes	0
Malvaceae	*Dombeya tulearensis*	Endangered	yes	0
Malvaceae	*Dombeya urschiana*	Critically Endangered	yes	0
Malvaceae	*Dombeya valou*	Endangered *	yes	0
Malvaceae	*Dombeya venosa*	Endangered *	yes	0
Malvaceae	*Dombeya viburnifloropsis*	Vulnerable *	yes	0
Malvaceae	*Dombeya vohemarensis*	Endangered	yes	0
Malvaceae	*Dombeya xiphosepalopsis*	Critically Endangered	yes	0
Sapotaceae	*Donella ambrensis*	Vulnerable *	yes	0
Sapotaceae	*Donella analalavensis*	Endangered	yes	0
Sapotaceae	*Donella capuronii*	Near Threatened *	yes	0
Sapotaceae	*Donella delphinensis*	Vulnerable	yes	0
Sapotaceae	*Donella fenerivensis*	Endangered *	yes	0
Sapotaceae	*Donella guereliana*	Endangered	yes	0
Sapotaceae	*Donella humbertii*	Data Deficient *	yes	0
Sapotaceae	*Donella lanceolata*	Least Concern	no	0
Sapotaceae	*Donella masoalensis*	Near Threatened *	yes	0
Sapotaceae	*Donella perrieri*	Least Concern *	yes	0
Sapotaceae	*Donella ranirisonii*	Critically Endangered *	yes	0
Sapindaceae	*Doratoxylon alatum*	Endangered	yes	0
Sapindaceae	*Doratoxylon chouxii*	Least Concern	no	1
Sapindaceae	*Doratoxylon littorale*	Endangered	yes	0
Myristicaceae	*Doyleanthus arillata*	Endangered	yes	0
Asparagaceae	*Dracaena cincta*	Data Deficient *	yes	5
Asparagaceae	*Dracaena fontanesiana*	Least Concern	yes	1
Asparagaceae	*Dracaena reflexa*	Least Concern	no	58
Asparagaceae	*Dracaena umbraculifera*	Critically Endangered	yes	24
Asparagaceae	*Dracaena xiphophylla*	Least Concern	yes	0
Euphorbiaceae	*Droceloncia rigidifolia*	Least Concern	no	0
Putranjivaceae	*Drypetes ambigua*	Least Concern	yes	0
Putranjivaceae	*Drypetes bathiei*	Endangered	yes	0
Putranjivaceae	*Drypetes birkinshawii*	Endangered	yes	0
Putranjivaceae	*Drypetes capuronii*	Least Concern	yes	0

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Putranjivaceae	*Drypetes madagascariensis*	Least Concern	yes	1
Putranjivaceae	*Drypetes oppositifolia*	Critically Endangered	yes	0
Putranjivaceae	*Drypetes perrieri*	Least Concern	no	1
Putranjivaceae	*Drypetes stipulacea*	Endangered	yes	0
Putranjivaceae	*Drypetes thouarsii*	Vulnerable	yes	0
Fabaceae	*Dupuya haraka*	Least Concern	yes	0
Fabaceae	*Dupuya madagascariensis*	Least Concern	yes	1
Arecaceae	*Dypsis acuminum*	Endangered	yes	1
Arecaceae	*Dypsis albofarinosa*	Critically Endangered	yes	4
Arecaceae	*Dypsis ambanjae*	Critically Endangered	yes	1
Arecaceae	*Dypsis ambositrae*	Critically Endangered	yes	12
Arecaceae	*Dypsis ampasindavae*	Critically Endangered	yes	1
Arecaceae	*Dypsis ankaizinensis*	Data Deficient	yes	4
Arecaceae	*Dypsis antanambensis*	Critically Endangered	yes	0
Arecaceae	*Dypsis arenarum*	Critically Endangered	yes	7
Arecaceae	*Dypsis baronii*	Least Concern	yes	12
Arecaceae	*Dypsis basilonga*	Critically Endangered	yes	2
Arecaceae	*Dypsis bejofo*	Vulnerable	yes	4
Arecaceae	*Dypsis betsimisarakae*	Critically Endangered *	yes	0
Arecaceae	*Dypsis boiviniana*	Endangered	yes	2
Arecaceae	*Dypsis canaliculata*	Critically Endangered	yes	3
Arecaceae	*Dypsis canescens*	Data Deficient	yes	0
Arecaceae	*Dypsis carlsmithii*	Critically Endangered	yes	9
Arecaceae	*Dypsis ceracea*	Endangered	yes	3
Arecaceae	*Dypsis coursii*	Least Concern	yes	0
Arecaceae	*Dypsis crinita*	Near Threatened	yes	6
Arecaceae	*Dypsis decaryi*	Vulnerable	yes	74
Arecaceae	*Dypsis decipiens*	Vulnerable	yes	17
Arecaceae	*Dypsis dransfieldii*	Near Threatened	yes	2
Arecaceae	*Dypsis faneva*	Endangered	yes	3
Arecaceae	*Dypsis fasciculata*	Near Threatened	yes	0
Arecaceae	*Dypsis fibrosa*	Least Concern	yes	6
Arecaceae	*Dypsis forficifolia*	Least Concern	yes	1
Arecaceae	*Dypsis gautieri*	Vulnerable	yes	0
Arecaceae	*Dypsis henrici*	Data Deficient	yes	0
Arecaceae	*Dypsis heteromorpha*	Data Deficient	yes	3
Arecaceae	*Dypsis hovomantsina*	Critically Endangered	yes	6
Arecaceae	*Dypsis humilis*	Critically Endangered	yes	0
Arecaceae	*Dypsis ifanadianae*	Critically Endangered	yes	2
Arecaceae	*Dypsis lastelliana*	Least Concern	yes	15
Arecaceae	*Dypsis leptocheilos*	Critically Endangered	yes	30
Arecaceae	*Dypsis ligulata*	Data Deficient	yes	0
Arecaceae	*Dypsis lutescens*	Near Threatened	yes	86
Arecaceae	*Dypsis madagascariensis*	Least Concern	yes	28
Arecaceae	*Dypsis makirae*	Vulnerable	yes	0
Arecaceae	*Dypsis malcomberi*	Endangered	yes	3
Arecaceae	*Dypsis mananjarensis*	Near Threatened	yes	2
Arecaceae	*Dypsis marojejyi*	Vulnerable	yes	0
Arecaceae	*Dypsis moorei*	Endangered	yes	4
Arecaceae	*Dypsis nauseosa*	Critically Endangered	yes	3

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Arecaceae	*Dypsis nodifera*	Least Concern	yes	5
Arecaceae	*Dypsis nossibensis*	Critically Endangered	yes	0
Arecaceae	*Dypsis onilahensis*	Vulnerable	yes	11
Arecaceae	*Dypsis oreophila*	Vulnerable	yes	0
Arecaceae	*Dypsis oropedionis*	Critically Endangered	yes	1
Arecaceae	*Dypsis ovobontsira*	Critically Endangered	yes	3
Arecaceae	*Dypsis paludosa*	Vulnerable	yes	6
Arecaceae	*Dypsis perrieri*	Vulnerable	yes	2
Arecaceae	*Dypsis pilulifera*	Vulnerable	yes	6
Arecaceae	*Dypsis pinnatifrons*	Least Concern	yes	12
Arecaceae	*Dypsis plumosa*	Data Deficient	yes	4
Arecaceae	*Dypsis prestoniana*	Vulnerable	yes	6
Arecaceae	*Dypsis pustulata*	Critically Endangered	yes	0
Arecaceae	*Dypsis rakotonasoloi*	Critically Endangered	yes	0
Arecaceae	*Dypsis rivularis*	Endangered	yes	9
Arecaceae	*Dypsis robusta*	Critically Endangered	yes	7
Arecaceae	*Dypsis sahanofensis*	Critically Endangered	yes	3
Arecaceae	*Dypsis saintelucei*	Endangered	yes	8
Arecaceae	*Dypsis sancta*	Critically Endangered	yes	0
Arecaceae	*Dypsis serpentina*	Vulnerable	yes	1
Arecaceae	*Dypsis tanalensis*	Critically Endangered	yes	0
Arecaceae	*Dypsis thouarsiana*	Data Deficient	yes	1
Arecaceae	*Dypsis tokoravina*	Critically Endangered	yes	5
Arecaceae	*Dypsis tsaratananensis*	Data Deficient	yes	4
Arecaceae	*Dypsis tsaravoasira*	Vulnerable	yes	3
Arecaceae	*Dypsis utilis*	Endangered	yes	6
Arecaceae	*Dypsis vonitrandambo*	Critically Endangered	yes	0
Boraginaceae	*Ehretia cymosa*	Least Concern *	no	6
Boraginaceae	*Ehretia decaryi*	Endangered	yes	1
Boraginaceae	*Ehretia meyersii*	Endangered	yes	1
Boraginaceae	*Ehretia obtusifolia*	Least Concern	no	2
Boraginaceae	*Ehretia phillipsonii*	Vulnerable	yes	0
Boraginaceae	*Ehretia seyrigii*	Least Concern	yes	0
Elaeocarpaceae	*Elaeocarpus alnifolius*	Least Concern	yes	0
Elaeocarpaceae	*Elaeocarpus capuronii*	Least Concern	yes	0
Elaeocarpaceae	*Elaeocarpus corallococcus*	Endangered	yes	0
Elaeocarpaceae	*Elaeocarpus hildebrandtii*	Least Concern	yes	0
Elaeocarpaceae	*Elaeocarpus occidentalis*	Critically Endangered	yes	0
Elaeocarpaceae	*Elaeocarpus perrieri*	Vulnerable	yes	0
Elaeocarpaceae	*Elaeocarpus rufovestitus*	Vulnerable	yes	0
Elaeocarpaceae	*Elaeocarpus subserratus*	Least Concern	yes	1
Hypericaceae	*Eliea articulata*	Least Concern	yes	0
Fabaceae	*Eligmocarpus cynometroides*	Critically Endangered	yes	1
Connaraceae	*Ellipanthus madagascariensis*	Least Concern	yes	0
Connaraceae	*Ellipanthus razanatsimae*	Critically Endangered	yes	0
Primulaceae	*Embelia tropophylla*	Endangered	yes	2
Fabaceae	*Entada chrysostachys*	Least Concern	no	5
Fabaceae	*Entada leptostachya*	Least Concern	no	3
Fabaceae	*Entada louvelii*	Near Threatened	yes	1
Fabaceae	*Entada pervillei*	Vulnerable	yes	2

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Monimiaceae	*Ephippiandra madagascariensis*	Least Concern	yes	0
Monimiaceae	*Ephippiandra masoalensis*	Least Concern	yes	0
Monimiaceae	*Ephippiandra perrieri*	Least Concern	yes	0
Monimiaceae	*Ephippiandra tsaratanensis*	Critically Endangered	yes	0
Sarcolaenaceae	*Eremolaena darainensis*	Endangered	yes	0
Sarcolaenaceae	*Eremolaena humblotiana*	Vulnerable	yes	0
Sarcolaenaceae	*Eremolaena rotundifolia*	Least Concern	yes	0
Fabaceae	*Erythrina ankaranensis*	Endangered	yes	0
Fabaceae	*Erythrina fusca*	Least Concern *	no	17
Fabaceae	*Erythrina hazomboay*	Endangered	yes	0
Fabaceae	*Erythrina madagascariensis*	Least Concern *	no	8
Fabaceae	*Erythrina perrieri*	Endangered	yes	6
Fabaceae	*Erythrina variegata*	Least Concern	no	37
Fabaceae	*Erythrophleum couminga*	Endangered	yes	1
Sapindaceae	*Erythrophysa aesculina*	Vulnerable	yes	4
Sapindaceae	*Erythrophysa belinii*	Endangered	yes	0
Sapindaceae	*Erythrophysa humbertii*	Vulnerable	yes	1
Sapindaceae	*Erythrophysa lapiazicola*	Endangered	yes	0
Sapindaceae	*Erythrophysa paniculata*	Critically Endangered	yes	0
Sapindaceae	*Erythrophysa sakalava*	Endangered	yes	0
Erythroxylaceae	*Erythroxylum amplifolium*	Vulnerable	yes	0
Erythroxylaceae	*Erythroxylum capitatum*	Vulnerable	yes	0
Erythroxylaceae	*Erythroxylum ferrugineum*	Least Concern *	yes	0
Erythroxylaceae	*Erythroxylum platyclados*	Least Concern *	no	1
Erythroxylaceae	*Erythroxylum sphaeranthum*	Least Concern	yes	0
Myrtaceae	*Eugenia alaotrensis*	Vulnerable	yes	0
Myrtaceae	*Eugenia ambanizanensis*	Vulnerable	yes	0
Myrtaceae	*Eugenia analamerensis*	Endangered	yes	0
Myrtaceae	*Eugenia andapae*	Endangered	yes	0
Myrtaceae	*Eugenia antongilensis*	Endangered	yes	0
Myrtaceae	*Eugenia ardyceae*	Endangered	yes	0
Myrtaceae	*Eugenia arenicola*	Endangered	yes	0
Myrtaceae	*Eugenia arthroopoda*	Vulnerable	yes	0
Myrtaceae	*Eugenia calciscopulorum*	Critically Endangered	yes	0
Myrtaceae	*Eugenia cassinoides*	Vulnerable	yes	0
Myrtaceae	*Eugenia cloiselii*	Endangered	yes	0
Myrtaceae	*Eugenia delicatissima*	Vulnerable	yes	0
Myrtaceae	*Eugenia echinulata*	Vulnerable	yes	0
Myrtaceae	*Eugenia gandhii*	Vulnerable	yes	0
Myrtaceae	*Eugenia goviala*	Vulnerable	yes	0
Myrtaceae	*Eugenia guajavoides*	Endangered	yes	0
Myrtaceae	*Eugenia guillotii*	Least Concern	yes	0
Myrtaceae	*Eugenia hazompasika*	Least Concern	yes	0
Myrtaceae	*Eugenia iantarensis*	Vulnerable	yes	0
Myrtaceae	*Eugenia lokohensis*	Endangered	yes	0
Myrtaceae	*Eugenia louisae*	Endangered	yes	0
Myrtaceae	*Eugenia louvelii*	Endangered	yes	1
Myrtaceae	*Eugenia malcomberi*	Vulnerable	yes	0
Myrtaceae	*Eugenia manomboensis*	Vulnerable	yes	0
Myrtaceae	*Eugenia manonae*	Endangered	yes	0

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Myrtaceae	*Eugenia muscicola*	Critically Endangered	yes	0
Myrtaceae	*Eugenia nompa*	Vulnerable	yes	0
Myrtaceae	*Eugenia nosibensis*	Vulnerable	yes	0
Myrtaceae	*Eugenia obovatifolia*	Endangered	yes	0
Myrtaceae	*Eugenia pluricymosa*	Vulnerable	yes	0
Myrtaceae	*Eugenia randrianasoloi*	Endangered	yes	0
Myrtaceae	*Eugenia ranomafana*	Vulnerable	yes	0
Myrtaceae	*Eugenia ravelonarivoi*	Endangered	yes	0
Myrtaceae	*Eugenia razakamalalae*	Critically Endangered	yes	0
Myrtaceae	*Eugenia roseopetiolata*	Endangered	yes	0
Myrtaceae	*Eugenia schatzii*	Vulnerable	yes	0
Myrtaceae	*Eugenia scottii*	Endangered	yes	0
Myrtaceae	*Eugenia sihanakensis*	Critically Endangered	yes	0
Myrtaceae	*Eugenia stibephylla*	Critically Endangered	yes	0
Myrtaceae	*Eugenia stictophylla*	Critically Endangered	yes	0
Myrtaceae	*Eugenia thouvenotiana*	Vulnerable	yes	0
Myrtaceae	*Eugenia tiampoka*	Endangered	yes	0
Myrtaceae	*Eugenia tropophylla*	Endangered	yes	1
Myrtaceae	*Eugenia urschiana*	Endangered	yes	0
Myrtaceae	*Eugenia vanwykiana*	Critically Endangered	yes	0
Myrtaceae	*Eugenia vatomandrensis*	Critically Endangered	yes	0
Myrtaceae	*Eugenia viguieriana*	Endangered	yes	0
Myrtaceae	*Eugenia vilersii*	Data Deficient	yes	0
Myrtaceae	*Eugenia williamsiana*	Endangered	yes	0
Myrtaceae	*Eugenia wilsoniana*	Endangered	yes	0
Myrtaceae	*Eugenia zygophylla*	Vulnerable	yes	0
Celastraceae	*Euonymus elaeodendroides*	Endangered	yes	0
Celastraceae	*Euonymus pleurostylioides*	Vulnerable	yes	0
Euphorbiaceae	*Euphorbia adenopoda*	Least Concern	yes	2
Euphorbiaceae	*Euphorbia alluaudii*	Least Concern	yes	11
Euphorbiaceae	*Euphorbia analalavensis*	Least Concern	no	0
Euphorbiaceae	*Euphorbia analamerae*	Critically Endangered	yes	0
Euphorbiaceae	*Euphorbia ankaranae*	Endangered	yes	2
Euphorbiaceae	*Euphorbia antso*	Least Concern	yes	9
Euphorbiaceae	*Euphorbia arahaka*	Least Concern	yes	3
Euphorbiaceae	*Euphorbia boinensis*	Critically Endangered	yes	0
Euphorbiaceae	*Euphorbia boivinii*	Least Concern	yes	0
Euphorbiaceae	*Euphorbia bongolavensis*	Endangered	yes	16
Euphorbiaceae	*Euphorbia cedrorum*	Endangered	yes	5
Euphorbiaceae	*Euphorbia decorsei*	Endangered	yes	0
Euphorbiaceae	*Euphorbia elastica*	Critically Endangered	yes	0
Euphorbiaceae	*Euphorbia elliotii*	Endangered	yes	5
Euphorbiaceae	*Euphorbia enterophora*	Least Concern	yes	23
Euphorbiaceae	*Euphorbia erythroxyloides*	Endangered	yes	0
Euphorbiaceae	*Euphorbia famatamboay*	Vulnerable	yes	2
Euphorbiaceae	*Euphorbia fiherenensis*	Least Concern	yes	9
Euphorbiaceae	*Euphorbia haevermansii*	Endangered	yes	0
Euphorbiaceae	*Euphorbia intisy*	Near Threatened	yes	13
Euphorbiaceae	*Euphorbia kamponii*	Critically Endangered	yes	13
Euphorbiaceae	*Euphorbia mainty*	Least Concern	yes	2

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Euphorbiaceae	*Euphorbia mananarensis*	Endangered	yes	0
Euphorbiaceae	*Euphorbia mandravioky*	Vulnerable	yes	1
Euphorbiaceae	*Euphorbia mangorensis*	Endangered	yes	0
Euphorbiaceae	*Euphorbia nusbaumeri*	Endangered	yes	0
Euphorbiaceae	*Euphorbia pachysantha*	Vulnerable	yes	1
Euphorbiaceae	*Euphorbia pervilleana*	Least Concern	yes	2
Euphorbiaceae	*Euphorbia physoclada*	Least Concern	no	0
Euphorbiaceae	*Euphorbia plagiantha*	Least Concern	yes	4
Euphorbiaceae	*Euphorbia ramofraga*	Critically Endangered	yes	0
Euphorbiaceae	*Euphorbia stenoclada*	Least Concern	yes	65
Euphorbiaceae	*Euphorbia tetraptera*	Least Concern	yes	1
Euphorbiaceae	*Euphorbia tirucalli*	Least Concern	no	143
Euphorbiaceae	*Euphorbia zakamenae*	Critically Endangered	yes	0
Celastraceae	*Evonymopsis humbertii*	Endangered	yes	0
Euphorbiaceae	*Excoecaria goudotiana*	Least Concern	yes	0
Euphorbiaceae	*Excoecaria madagascariensis*	Least Concern *	no	2
Rutaceae	*Fagaropsis glabra*	Endangered	yes	0
Anacardiaceae	*Faguetia falcata*	Vulnerable	yes	0
Sapotaceae	*Faucherea ambrensis*	Data Deficient	yes	0
Sapotaceae	*Faucherea glutinosa*	Data Deficient *	yes	0
Sapotaceae	*Faucherea hexandra*	Data Deficient *	yes	0
Sapotaceae	*Faucherea laciniata*	Data Deficient *	yes	0
Sapotaceae	*Faucherea longepedicellata*	Critically Endangered *	yes	0
Sapotaceae	*Faucherea manongarivensis*	Data Deficient *	yes	0
Sapotaceae	*Faucherea parvifolia*	Data Deficient *	yes	0
Sapotaceae	*Faucherea sambiranensis*	Data Deficient *	yes	0
Sapotaceae	*Faucherea tampoloensis*	Data Deficient *	yes	0
Sapotaceae	*Faucherea thouvenotii*	Data Deficient *	yes	0
Sapotaceae	*Faucherea urschii*	Data Deficient *	yes	0
Proteaceae	*Faurea coriacea*	Least Concern	yes	0
Proteaceae	*Faurea forficuliflora*	Least Concern	yes	0
Annonaceae	*Fenerivia angustielliptica*	Vulnerable	yes	0
Annonaceae	*Fenerivia capuronii*	Vulnerable	yes	0
Annonaceae	*Fenerivia chapelieri*	Vulnerable	yes	0
Annonaceae	*Fenerivia ghesquiereana*	Least Concern	yes	0
Annonaceae	*Fenerivia heteropetala*	Endangered	yes	0
Annonaceae	*Fenerivia humbertii*	Vulnerable	yes	0
Annonaceae	*Fenerivia madagascariensis*	Endangered	yes	0
Annonaceae	*Fenerivia oligosperma*	Vulnerable	yes	0
Annonaceae	*Fenerivia richardiana*	Vulnerable	yes	0
Bignoniaceae	*Fernandoa coccinea*	Least Concern	yes	0
Bignoniaceae	*Fernandoa macrantha*	Vulnerable	yes	0
Bignoniaceae	*Fernandoa madagascariensis*	Least Concern	yes	11
Moraceae	*Ficus ampana*	Endangered	yes	0
Moraceae	*Ficus antandronarum*	Least Concern	no	0
Moraceae	*Ficus assimilis*	Least Concern	no	0
Moraceae	*Ficus bivalvata*	Endangered	yes	3
Moraceae	*Ficus botryoides*	Least Concern	yes	1
Moraceae	*Ficus brachyclada*	Least Concern	yes	1
Moraceae	*Ficus grevei*	Least Concern	yes	2

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Moraceae	*Ficus humbertii*	Endangered	yes	1
Moraceae	*Ficus lutea*	Least Concern	no	43
Moraceae	*Ficus madagascariensis*	Least Concern	yes	1
Moraceae	*Ficus marmorata*	Least Concern	yes	2
Moraceae	*Ficus menabeensis*	Least Concern	yes	4
Moraceae	*Ficus pachyclada*	Least Concern	yes	1
Moraceae	*Ficus polita*	Least Concern	no	6
Moraceae	*Ficus politoria*	Least Concern	yes	1
Moraceae	*Ficus polyphlebia*	Least Concern	yes	0
Moraceae	*Ficus reflexa*	Least Concern	no	4
Moraceae	*Ficus rubra*	Least Concern	no	6
Moraceae	*Ficus sakalavarum*	Least Concern	yes	0
Moraceae	*Ficus sycomorus*	Least Concern	no	50
Moraceae	*Ficus tiliifolia*	Least Concern	no	1
Moraceae	*Ficus torrentium*	Vulnerable	yes	0
Moraceae	*Ficus trichopoda*	Least Concern	no	12
Sapindaceae	*Filicium decipiens*	Least Concern	no	20
Sapindaceae	*Filicium longifolium*	Least Concern	yes	0
Sapindaceae	*Filicium thouarsianum*	Near Threatened	yes	0
Rubiaceae	*Flagenium farafanganense*	Vulnerable	yes	0
Rubiaceae	*Flagenium latifolium*	Data Deficient	yes	0
Rubiaceae	*Flagenium petrikense*	Endangered	yes	1
Rubiaceae	*Flagenium setosum*	Data Deficient	yes	0
Rubiaceae	*Flagenium triflorum*	Least Concern	yes	0
Phyllanthaceae	*Flueggea virosa*	Least Concern	no	15
Lecythidaceae	*Foetidia asymetrica*	Least Concern	yes	1
Lecythidaceae	*Foetidia capuronii*	Critically Endangered	yes	0
Lecythidaceae	*Foetidia clusioides*	Vulnerable	yes	0
Lecythidaceae	*Foetidia cuneata*	Endangered	yes	0
Lecythidaceae	*Foetidia delphinensis*	Endangered	yes	0
Lecythidaceae	*Foetidia dracaenoides*	Endangered	yes	0
Lecythidaceae	*Foetidia macrocarpa*	Vulnerable	yes	1
Lecythidaceae	*Foetidia obliqua*	Least Concern *	yes	1
Lecythidaceae	*Foetidia pterocarpa*	Endangered	yes	0
Lecythidaceae	*Foetidia retusa*	Least Concern	yes	1
Lecythidaceae	*Foetidia rubescens*	Critically Endangered	yes	0
Lecythidaceae	*Foetidia sambiranensis*	Endangered	yes	0
Lecythidaceae	*Foetidia vohemarensis*	Vulnerable	yes	1
Rubiaceae	*Gaertnera arenaria*	Least Concern	yes	1
Rubiaceae	*Gaertnera bambusifolia*	Endangered	yes	0
Rubiaceae	*Gaertnera breviflora*	Vulnerable	yes	0
Rubiaceae	*Gaertnera cardiocarpa*	Vulnerable	yes	0
Rubiaceae	*Gaertnera drakeana*	Vulnerable	yes	0
Rubiaceae	*Gaertnera guillotii*	Least Concern	yes	0
Rubiaceae	*Gaertnera hirsuta*	Endangered	yes	0
Rubiaceae	*Gaertnera hispida*	Endangered	yes	0
Rubiaceae	*Gaertnera humblotii*	Near Threatened	yes	0
Rubiaceae	*Gaertnera ianthina*	Least Concern	yes	0
Rubiaceae	*Gaertnera inflexa*	Least Concern	yes	0
Rubiaceae	*Gaertnera laevis*	Vulnerable	yes	0

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Rubiaceae	*Gaertnera littoralis*	Endangered	yes	0
Rubiaceae	*Gaertnera lowryi*	Vulnerable	yes	0
Rubiaceae	*Gaertnera macrobotrys*	Least Concern	yes	0
Rubiaceae	*Gaertnera macrostipula*	Least Concern	yes	0
Rubiaceae	*Gaertnera madagascariensis*	Least Concern	yes	0
Rubiaceae	*Gaertnera masoalana*	Endangered	yes	0
Rubiaceae	*Gaertnera microphylla*	Endangered	yes	0
Rubiaceae	*Gaertnera monstruosa*	Vulnerable	yes	0
Rubiaceae	*Gaertnera obovata*	Least Concern	yes	1
Rubiaceae	*Gaertnera pauciflora*	Least Concern	yes	0
Rubiaceae	*Gaertnera phanerophlebia*	Least Concern	yes	0
Rubiaceae	*Gaertnera phyllosepala*	Least Concern	yes	0
Rubiaceae	*Gaertnera phyllostachya*	Least Concern	yes	0
Rubiaceae	*Gaertnera raphaelii*	Least Concern	yes	1
Rubiaceae	*Gaertnera razakamalalana*	Endangered	yes	0
Rubiaceae	*Gaertnera robusta*	Least Concern	yes	1
Rubiaceae	*Gaertnera rubra*	Vulnerable	yes	0
Rubiaceae	*Gaertnera schatzii*	Critically Endangered	yes	0
Rubiaceae	*Gaertnera sclerophylla*	Vulnerable	yes	0
Rubiaceae	*Gaertnera velutina*	Vulnerable	yes	0
Rubiaceae	*Gaertnera vernicosa*	Endangered	yes	0
Rubiaceae	*Gaertnera xerophila*	Endangered	yes	0
Fabaceae	*Gagnebina bakoliae*	Critically Endangered	yes	0
Fabaceae	*Gagnebina commersoniana*	Least Concern	yes	2
Fabaceae	*Gagnebina pterocarpa*	Least Concern	no	4
Rubiaceae	*Gallienia sclerophylla*	Least Concern	yes	2
Sapotaceae	*Gambeya boiviniana*	Least Concern	no	0
Clusiaceae	*Garcinia ambrensis*	Endangered	yes	0
Clusiaceae	*Garcinia aphanophlebia*	Vulnerable	yes	0
Clusiaceae	*Garcinia arenicola*	Vulnerable	yes	1
Clusiaceae	*Garcinia asterandra*	Vulnerable	yes	0
Clusiaceae	*Garcinia calcicola*	Least Concern	yes	1
Clusiaceae	*Garcinia cerasifer*	Endangered	yes	0
Clusiaceae	*Garcinia chapelieri*	Least Concern	yes	0
Clusiaceae	*Garcinia crassiflora*	Endangered	yes	0
Clusiaceae	*Garcinia dalleizettei*	Data Deficient	yes	0
Clusiaceae	*Garcinia dauphinensis*	Vulnerable	yes	0
Clusiaceae	*Garcinia decipiens*	Least Concern	yes	0
Clusiaceae	*Garcinia evonymoides*	Vulnerable	yes	0
Clusiaceae	*Garcinia goudotiana*	Least Concern	yes	0
Clusiaceae	*Garcinia lowryi*	Least Concern	yes	0
Clusiaceae	*Garcinia madagascariensis*	Endangered	yes	0
Clusiaceae	*Garcinia mangorensis*	Least Concern	yes	0
Clusiaceae	*Garcinia megistophylla*	Vulnerable	yes	0
Clusiaceae	*Garcinia multifida*	Critically Endangered	yes	0
Clusiaceae	*Garcinia orthoclada*	Least Concern	yes	0
Clusiaceae	*Garcinia parvula*	Endangered	yes	0
Clusiaceae	*Garcinia pauciflora*	Least Concern	yes	0
Clusiaceae	*Garcinia pervillei*	Near Threatened	yes	0
Clusiaceae	*Garcinia thouvenotii*	Endangered	yes	0

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Clusiaceae	*Garcinia tsaratananae*	Least Concern	yes	0
Clusiaceae	*Garcinia tsimatimia*	Endangered	yes	0
Clusiaceae	*Garcinia urschii*	Endangered	yes	0
Clusiaceae	*Garcinia verrucosa*	Least Concern	yes	1
Rubiaceae	*Gardenia brevicalyx*	Vulnerable	yes	1
Rubiaceae	*Gardenia manongarivensis*	Critically Endangered	yes	1
Rubiaceae	*Gardenia rutenbergiana*	Least Concern	yes	2
Rubiaceae	*Gardenia sambiranensis*	Vulnerable	yes	0
Sapindaceae	*Gereaua perrieri*	Least Concern	yes	0
Fabaceae	*Gigasiphon humblotianus*	Endangered	yes	0
Euphorbiaceae	*Givotia madagascariensis*	Near Threatened *	yes	2
Euphorbiaceae	*Givotia stipularis*	Near Threatened	yes	1
Sapindaceae	*Glenniea pervillei*	Least Concern	yes	0
Anacardiaceae	*Gluta tourtour*	Vulnerable	yes	0
Thymelaeaceae	*Gnidia danguyana*	Vulnerable	yes	0
Thymelaeaceae	*Gnidia daphnifolia*	Least Concern	yes	0
Thymelaeaceae	*Gnidia gilbertae*	Vulnerable	yes	0
Thymelaeaceae	*Gnidia razakamalalana*	Endangered	yes	0
Apocynaceae	*Gonioma malagasy*	Vulnerable	yes	0
Chrysobalanaceae	*Grangeria porosa*	Least Concern	yes	1
Malvaceae	*Grewia ambongoensis*	Endangered	yes	0
Malvaceae	*Grewia amplifolia*	Endangered	yes	1
Malvaceae	*Grewia analamerensis*	Critically Endangered	yes	0
Malvaceae	*Grewia andramparo*	Least Concern	yes	1
Malvaceae	*Grewia androyensis*	Least Concern	yes	1
Malvaceae	*Grewia apetala*	Least Concern	yes	1
Malvaceae	*Grewia baillonii*	Vulnerable	yes	1
Malvaceae	*Grewia barorum*	Least Concern	yes	1
Malvaceae	*Grewia botryantha*	Near Threatened *	no	0
Malvaceae	*Grewia brideliifolia*	Least Concern	yes	0
Malvaceae	*Grewia calvata*	Least Concern	yes	0
Malvaceae	*Grewia chalybaea*	Critically Endangered	yes	0
Malvaceae	*Grewia cuneifolia*	Least Concern	no	1
Malvaceae	*Grewia cyclea*	Least Concern	yes	2
Malvaceae	*Grewia delphinensis*	Vulnerable	yes	0
Malvaceae	*Grewia diversipes*	Endangered	yes	1
Malvaceae	*Grewia gautieri*	Vulnerable	yes	0
Malvaceae	*Grewia glandulosa*	Least Concern *	no	5
Malvaceae	*Grewia glyphaeoides*	Endangered	yes	1
Malvaceae	*Grewia grandidieri*	Least Concern	yes	1
Malvaceae	*Grewia grevei*	Vulnerable	yes	1
Malvaceae	*Grewia hispidissima*	Endangered	yes	0
Malvaceae	*Grewia humblotii*	Least Concern	yes	1
Malvaceae	*Grewia lapiazicola*	Vulnerable	yes	1
Malvaceae	*Grewia lavanalensis*	Least Concern	yes	2
Malvaceae	*Grewia leucophylla*	Least Concern	yes	1
Malvaceae	*Grewia luteiflora*	Endangered	yes	1
Malvaceae	*Grewia mabberleyana*	Endangered	yes	0
Malvaceae	*Grewia madagascariensis*	Endangered	yes	1
Malvaceae	*Grewia mahafaliensis*	Endangered	yes	1

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Malvaceae	*Grewia meridionalis*	Least Concern	yes	2
Malvaceae	*Grewia microcyclea*	Least Concern	yes	1
Malvaceae	*Grewia monantha*	Critically Endangered	yes	1
Malvaceae	*Grewia nitida*	Endangered	yes	2
Malvaceae	*Grewia perrieri*	Critically Endangered	yes	0
Malvaceae	*Grewia pervillei*	Endangered	yes	1
Malvaceae	*Grewia picta*	Least Concern	no	1
Malvaceae	*Grewia rhomboides*	Endangered	yes	0
Malvaceae	*Grewia sahafariensis*	Endangered	yes	0
Malvaceae	*Grewia sambiranensis*	Least Concern	yes	1
Malvaceae	*Grewia speciosa*	Critically Endangered	yes	1
Malvaceae	*Grewia suarezensis*	Vulnerable	yes	1
Malvaceae	*Grewia subaequalis*	Endangered	yes	1
Malvaceae	*Grewia tannifera*	Vulnerable	yes	0
Malvaceae	*Grewia thouvenotii*	Least Concern	yes	0
Malvaceae	*Grewia triflora*	Least Concern *	no	1
Malvaceae	*Grewia tsiandrensis*	Critically Endangered	yes	0
Malvaceae	*Grewia tulearensis*	Endangered	yes	2
Stemonuraceae	*Grisollea crassifolia*	Near Threatened	yes	0
Stemonuraceae	*Grisollea myriantha*	Least Concern	no	0
Euphorbiaceae	*Grossera perrieri*	Least Concern	yes	0
Rubiaceae	*Guettarda speciosa*	Least Concern	no	17
Asteraceae	*Gymnanthemum coloratum*	Least Concern	no	1
Celastraceae	*Gymnosporia drummondii*	Vulnerable *	no	1
Celastraceae	*Gymnosporia senegalensis*	Least Concern	no	5
Hernandiaceae	*Gyrocarpus americanus*	Least Concern	no	21
Rubiaceae	*Gyrostipula foveolata*	Least Concern	yes	0
Rubiaceae	*Gyrostipula obtusa*	Critically Endangered	yes	0
Myristicaceae	*Haematodendron glabrum*	Near Threatened	yes	0
Stilbaceae	*Halleria ligustrifolia*	Least Concern	yes	1
Euphorbiaceae	*Hancea acuminata*	Least Concern *	yes	0
Euphorbiaceae	*Hancea capuronii*	Least Concern	yes	0
Euphorbiaceae	*Hancea inhospita*	Vulnerable	yes	0
Euphorbiaceae	*Hancea spinulosa*	Least Concern	yes	0
Celastraceae	*Hartogiopsis trilobocarpa*	Least Concern	yes	1
Hypericaceae	*Harungana madagascariensis*	Least Concern	no	13
Hernandiaceae	*Hazomalania voyronii*	Critically Endangered	yes	0
Boraginaceae	*Heliotropium arboreum*	Least Concern *	no	1
Malvaceae	*Helmiopsiella ctenostegia*	Endangered	yes	2
Malvaceae	*Helmiopsiella leandrii*	Endangered	yes	0
Malvaceae	*Helmiopsiella madagascariensis*	Least Concern	yes	3
Malvaceae	*Helmiopsiella poissonii*	Endangered	yes	0
Malvaceae	*Helmiopsis bernieri*	Endangered	yes	0
Malvaceae	*Helmiopsis boivinii*	Vulnerable	yes	1
Malvaceae	*Helmiopsis glaberrima*	Critically Endangered	yes	0
Malvaceae	*Helmiopsis hily*	Endangered	yes	2
Malvaceae	*Helmiopsis linearifolia*	Endangered	yes	1
Malvaceae	*Helmiopsis polyandra*	Endangered	yes	0
Malvaceae	*Helmiopsis pseudopopulus*	Endangered	yes	1
Malvaceae	*Helmiopsis richardii*	Endangered	yes	0
Malvaceae	*Helmiopsis rigida*	Vulnerable	yes	0
Malvaceae	*Helmiopsis sphaerocarpa*	Endangered	yes	0
Amaranthaceae	*Henonia scoparia*	Endangered	yes	2
Malvaceae	*Heritiera littoralis*	Least Concern	no	29
Hernandiaceae	*Hernandia nymphaeifolia*	Least Concern	no	16
Malvaceae	*Hibiscus ambovombensis*	Endangered	yes	1
Malvaceae	*Hibiscus ankaramyensis*	Vulnerable	yes	1
Malvaceae	*Hibiscus benedicti*	Critically Endangered	yes	0
Malvaceae	*Hibiscus bojerianus*	Vulnerable	yes	0
Malvaceae	*Hibiscus calyculatus*	Endangered	yes	0
Malvaceae	*Hibiscus diplocrater*	Least Concern	yes	3
Malvaceae	*Hibiscus ellisii*	Endangered	yes	0
Malvaceae	*Hibiscus grandistipulatus*	Critically Endangered	yes	0
Malvaceae	*Hibiscus lamalama*	Endangered	yes	0
Malvaceae	*Hibiscus lasiococcus*	Least Concern	yes	0
Malvaceae	*Hibiscus laurinus*	Vulnerable *	yes	0
Malvaceae	*Hibiscus macrogonus*	Endangered	yes	2
Malvaceae	*Hibiscus mandrarensis*	Vulnerable	yes	0
Malvaceae	*Hibiscus mangindranensis*	Critically Endangered	yes	0
Malvaceae	*Hibiscus megistanthus*	Endangered	yes	0
Malvaceae	*Hibiscus palmatifidus*	Least Concern *	yes	2
Malvaceae	*Hibiscus thespesianus*	Near Threatened	yes	1
Malvaceae	*Hibiscus tiliaceus*	Least Concern	no	68
Malvaceae	*Hildegardia ankaranensis*	Endangered	yes	1
Malvaceae	*Hildegardia dauphinensis*	Endangered	yes	0
Malvaceae	*Hildegardia erythrosiphon*	Least Concern	yes	2
Malvaceae	*Hildegardia perrieri*	Vulnerable	yes	0
Chrysobalanaceae	*Hirtella thouarsiana*	Vulnerable	yes	0
Salicaceae	*Homalium albiflorum*	Least Concern	yes	0
Salicaceae	*Homalium axillare*	Least Concern	yes	0
Salicaceae	*Homalium boinense*	Endangered	yes	0
Salicaceae	*Homalium brachyrhachis*	Critically Endangered	yes	0
Salicaceae	*Homalium brachystylum*	Least Concern	yes	0
Salicaceae	*Homalium brevipedunculatum*	Vulnerable	yes	0
Salicaceae	*Homalium capuronii*	Vulnerable	yes	0
Salicaceae	*Homalium cauliflorum*	Endangered	yes	0
Salicaceae	*Homalium decaryanum*	Critically Endangered	yes	0
Salicaceae	*Homalium dorrii*	Endangered	yes	0
Salicaceae	*Homalium erianthum*	Vulnerable	yes	0
Salicaceae	*Homalium graciliflorum*	Endangered	yes	0
Salicaceae	*Homalium intercedens*	Critically Endangered	yes	0
Salicaceae	*Homalium involucratum*	Least Concern	yes	1
Salicaceae	*Homalium laxiflorum*	Near Threatened	yes	0
Salicaceae	*Homalium longistaminum*	Endangered	yes	0
Salicaceae	*Homalium louvelianum*	Vulnerable	yes	0
Salicaceae	*Homalium lucidum*	Least Concern	yes	0
Salicaceae	*Homalium maringitra*	Vulnerable	yes	0
Salicaceae	*Homalium micranthum*	Vulnerable	yes	0
Salicaceae	*Homalium microphyllum*	Data Deficient	yes	0
Salicaceae	*Homalium moniliforme*	Least Concern	yes	0

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Salicaceae	*Homalium myrtifolium*	Endangered	yes	0
Salicaceae	*Homalium nobile*	Vulnerable	yes	0
Salicaceae	*Homalium nudiflorum*	Least Concern	yes	0
Salicaceae	*Homalium oppositifolium*	Least Concern	yes	0
Salicaceae	*Homalium ovatifolium*	Critically Endangered	yes	0
Salicaceae	*Homalium parkeri*	Least Concern	yes	0
Salicaceae	*Homalium perrieri*	Vulnerable	yes	0
Salicaceae	*Homalium planiflorum*	Least Concern	yes	0
Salicaceae	*Homalium pseudoboinense*	Data Deficient	yes	0
Salicaceae	*Homalium pulchrum*	Endangered	yes	0
Salicaceae	*Homalium randrianasoloi*	Critically Endangered	yes	0
Salicaceae	*Homalium ranomafanicum*	Critically Endangered	yes	0
Salicaceae	*Homalium retivenium*	Endangered	yes	0
Salicaceae	*Homalium rubriflorum*	Endangered	yes	0
Salicaceae	*Homalium sanguineum*	Endangered	yes	0
Salicaceae	*Homalium schatzii*	Critically Endangered	yes	0
Salicaceae	*Homalium stelliferum*	Endangered	yes	0
Salicaceae	*Homalium thuarsianum*	Vulnerable	yes	0
Salicaceae	*Homalium trigynum*	Least Concern	yes	0
Salicaceae	*Homalium viguieri*	Vulnerable	yes	0
Annonaceae	*Huberantha decora*	Endangered	yes	0
Annonaceae	*Huberantha henrici*	Least Concern	yes	0
Annonaceae	*Huberantha keraudreniae*	Endangered	yes	0
Annonaceae	*Huberantha multistamina*	Endangered	yes	0
Annonaceae	*Huberantha pendula*	Endangered	yes	1
Annonaceae	*Huberantha perrieri*	Vulnerable	yes	0
Annonaceae	*Huberantha sambiranensis*	Vulnerable	no	0
Asteraceae	*Hubertia hypargyrea*	Least Concern	yes	0
Asteraceae	*Hubertia myricifolia*	Least Concern	yes	0
Convolvulaceae	*Humbertia madagascariensis*	Least Concern	yes	0
Malvaceae	*Humbertiella decaryi*	Vulnerable	yes	1
Malvaceae	*Humbertiella foliosa*	Critically Endangered	yes	0
Malvaceae	*Humbertiella henricii*	Endangered	yes	0
Malvaceae	*Humbertiella sakamaliensis*	Endangered	yes	0
Trigoniaceae	*Humbertiodendron saboureaui*	Endangered	yes	0
Meliaceae	*Humbertioturraea grandidieri*	Vulnerable	yes	0
Meliaceae	*Humbertioturraea maculata*	Endangered	yes	1
Fabaceae	*Hymenaea verrucosa*	Least Concern *	no	8
Rubiaceae	*Hymenodictyon antakaranensis*	Endangered	yes	0
Rubiaceae	*Hymenodictyon berivotrense*	Least Concern	yes	1
Rubiaceae	*Hymenodictyon decaryi*	Least Concern	yes	1
Rubiaceae	*Hymenodictyon embergeri*	Vulnerable	yes	0
Rubiaceae	*Hymenodictyon glabrum*	Vulnerable	yes	0
Rubiaceae	*Hymenodictyon leandrii*	Vulnerable	yes	0
Rubiaceae	*Hymenodictyon louhavate*	Least Concern	yes	1
Rubiaceae	*Hymenodictyon occidentale*	Least Concern	yes	2
Rubiaceae	*Hymenodictyon perrieri*	Least Concern	yes	0
Rubiaceae	*Hyperacanthus ambovombensis*	Least Concern	yes	1
Rubiaceae	*Hyperacanthus madagascariensis*	Critically Endangered	yes	1
Rubiaceae	*Hyperacanthus mandenensis*	Vulnerable	yes	2
Rubiaceae	*Hyperacanthus perrieri*	Least Concern	yes	0
Rubiaceae	*Hyperacanthus pervillei*	Endangered	yes	0
Rubiaceae	*Hyperacanthus poivrei*	Near Threatened	yes	1
Rubiaceae	*Hyperacanthus ravinensis*	Vulnerable	yes	0
Rubiaceae	*Hyperacanthus talangninia*	Least Concern	yes	1
Arecaceae	*Hyphaene coriacea*	Least Concern	no	22
Aquifoliaceae	*Ilex mitis*	Least Concern	no	12
Fabaceae	*Indigofera cloiselii*	Least Concern	yes	1
Fabaceae	*Indigofera depauperata*	Least Concern	yes	2
Fabaceae	*Indigofera dionaeifolia*	Vulnerable *	yes	1
Fabaceae	*Indigofera lyallii*	Least Concern	no	2
Fabaceae	*Indigofera mahafalensis*	Vulnerable	yes	0
Fabaceae	*Indigofera mangokyensis*	Vulnerable	yes	0
Fabaceae	*Indigofera perrieri*	Least Concern	yes	1
Fabaceae	*Intsia bijuga*	Near Threatened	no	17
Annonaceae	*Isolona capuronii*	Critically Endangered	yes	0
Annonaceae	*Isolona ghesquierei*	Near Threatened	yes	0
Annonaceae	*Isolona humbertiana*	Endangered	yes	0
Annonaceae	*Isolona madagascariensis*	Near Threatened	yes	0
Annonaceae	*Isolona perrieri*	Vulnerable	yes	0
Rutaceae	*Ivodea analalavensis*	Endangered	yes	0
Rutaceae	*Ivodea choungiensis*	Endangered	no	0
Rutaceae	*Ivodea delphinensis*	Endangered	yes	0
Rutaceae	*Ivodea macrocarpa*	Critically Endangered	yes	0
Rutaceae	*Ivodea mahaboensis*	Endangered	yes	0
Rutaceae	*Ivodea mananarensis*	Endangered	yes	0
Rutaceae	*Ivodea razakamalalae*	Endangered	yes	0
Rubiaceae	*Ixora foliicalyx*	Least Concern	yes	1
Rubiaceae	*Ixora homolleae*	Least Concern	yes	0
Rubiaceae	*Ixora hookeri*	Least Concern	yes	10
Rubiaceae	*Ixora lagenifructa*	Vulnerable	yes	0
Rubiaceae	*Ixora regalis*	Least Concern	yes	1
Rubiaceae	*Ixora ripicola*	Near Threatened	yes	0
Rubiaceae	*Ixora siphonantha*	Least Concern	yes	0
Rubiaceae	*Ixora trichocalyx*	Vulnerable	yes	0
Rubiaceae	*Ixora trimera*	Critically Endangered	yes	0
Rubiaceae	*Janotia macrostipula*	Endangered	yes	0
Euphorbiaceae	*Jatropha mahafalensis*	Near Threatened	yes	14
Montiniaceae	*Kaliphora madagascariensis*	Least Concern	yes	2
Lamiaceae	*Karomia humbertii*	Vulnerable	yes	0
Lamiaceae	*Karomia macrocalyx*	Vulnerable	yes	1
Lamiaceae	*Karomia madagascariensis*	Endangered	yes	0
Lamiaceae	*Karomia microphylla*	Least Concern	yes	2
Lamiaceae	*Karomia mira*	Least Concern	yes	1
Meliaceae	*Khaya madagascariensis*	Vulnerable	no	1
Kirkiaceae	*Kirkia leandrii*	Endangered	yes	0
Malvaceae	*Kosteletzkya retrobracteata*	Endangered	yes	0
Sapotaceae	*Labourdonnaisia lecomtei*	Data Deficient *	yes	0
Sapotaceae	*Labourdonnaisia madagascariensis*	Data Deficient *	yes	0
Sapotaceae	*Labourdonnaisia richardiana*	Data Deficient *	yes	0

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Sapotaceae	*Labramia ambondrombeensis*	Critically Endangered *	yes	0
Sapotaceae	*Labramia ankaranaensis*	Least Concern	yes	0
Sapotaceae	*Labramia boivinii*	Data Deficient *	yes	0
Sapotaceae	*Labramia bojeri*	Data Deficient *	yes	0
Sapotaceae	*Labramia capuronii*	Data Deficient *	yes	0
Sapotaceae	*Labramia costata*	Least Concern	yes	0
Sapotaceae	*Labramia louvelii*	Data Deficient *	yes	0
Sapotaceae	*Labramia platanoides*	Near Threatened	yes	0
Sapotaceae	*Labramia sambiranensis*	Data Deficient *	yes	0
Rhamnaceae	*Lasiodiscus pervillei*	Least Concern *	no	0
Vitaceae	*Leea spinea*	Least Concern *	yes	0
Fabaceae	*Lemurodendron capuronii*	Endangered	yes	1
Arecaceae	*Lemurophoenix halleuxii*	Endangered	yes	4
Rubiaceae	*Lemyrea ciliolata*	Endangered	yes	0
Rubiaceae	*Lemyrea marojejyensis*	Critically Endangered	yes	0
Meliaceae	*Lepidotrichilia ambrensis*	Vulnerable	yes	0
Meliaceae	*Lepidotrichilia convallariiodora*	Vulnerable	yes	0
Meliaceae	*Lepidotrichilia sambiranensis*	Critically Endangered	yes	0
Sapindaceae	*Lepisanthes chrysotricha*	Endangered	yes	0
Sapindaceae	*Lepisanthes perrieri*	Least Concern	yes	0
Sapindaceae	*Lepisanthes senegalensis*	Least Concern *	no	7
Cardiopteridaceae	*Leptaulus citrioides*	Least Concern	yes	0
Cardiopteridaceae	*Leptaulus madagascariensis*	Critically Endangered	yes	0
Sarcolaenaceae	*Leptolaena abrahamii*	Near Threatened	yes	0
Sarcolaenaceae	*Leptolaena cuspidata*	Least Concern	yes	2
Sarcolaenaceae	*Leptolaena delphinensis*	Vulnerable	yes	0
Sarcolaenaceae	*Leptolaena gautieri*	Least Concern	yes	1
Sarcolaenaceae	*Leptolaena multiflora*	Least Concern	yes	0
Sarcolaenaceae	*Leptolaena pauciflora*	Least Concern	yes	1
Sarcolaenaceae	*Leptolaena raymondii*	Endangered	yes	0
Melastomataceae	*Lijndenia danguyana*	Endangered	yes	0
Melastomataceae	*Lijndenia darainensis*	Critically Endangered	yes	0
Melastomataceae	*Lijndenia meeusei*	Vulnerable	yes	0
Melastomataceae	*Lijndenia melastomoides*	Critically Endangered	yes	0
Melastomataceae	*Lijndenia ramiflora*	Critically Endangered	yes	0
Melastomataceae	*Lijndenia roborea*	Endangered	yes	0
Phyllanthaceae	*Lingelsheimia abbayesii*	Endangered	yes	0
Phyllanthaceae	*Lingelsheimia ambigua*	Endangered	yes	0
Phyllanthaceae	*Lingelsheimia fiherenensis*	Endangered	yes	0
Phyllanthaceae	*Lingelsheimia manongarivensis*	Endangered	yes	0
Euphorbiaceae	*Lobanilia bakeriana*	Least Concern *	yes	0
Euphorbiaceae	*Lobanilia crotonoides*	Critically Endangered	yes	0
Euphorbiaceae	*Lobanilia hirtella*	Endangered	yes	0
Salicaceae	*Ludia ankaranensis*	Endangered	yes	0
Salicaceae	*Ludia antanosarum*	Least Concern	yes	0
Salicaceae	*Ludia boinensis*	Least Concern	yes	0
Salicaceae	*Ludia brevipes*	Endangered	yes	0
Salicaceae	*Ludia chapelieri*	Endangered	yes	0
Salicaceae	*Ludia craggiana*	Endangered	yes	0
Salicaceae	*Ludia dracaenoides*	Vulnerable	yes	0

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Salicaceae	*Ludia erosifolia*	Endangered	yes	0
Salicaceae	*Ludia faradifani*	Critically Endangered	yes	0
Salicaceae	*Ludia glaucocarpa*	Endangered	yes	0
Salicaceae	*Ludia ikongoensis*	Endangered	yes	0
Salicaceae	*Ludia imontiensis*	Critically Endangered	yes	0
Salicaceae	*Ludia leandriana*	Endangered	yes	0
Salicaceae	*Ludia ludiifolia*	Least Concern	yes	1
Salicaceae	*Ludia madagascariensis*	Least Concern	yes	0
Salicaceae	*Ludia mauritiana*	Least Concern *	no	2
Salicaceae	*Ludia myrtoides*	Critically Endangered	yes	0
Salicaceae	*Ludia pachyadenia*	Critically Endangered	yes	0
Salicaceae	*Ludia pinnatinervia*	Least Concern	yes	0
Salicaceae	*Ludia scolopioides*	Least Concern	yes	0
Salicaceae	*Ludia sessilis*	Endangered *	yes	0
Salicaceae	*Ludia suarezensis*	Endangered	yes	0
Salicaceae	*Ludia wikstroemiifolia*	Endangered	yes	0
Combretaceae	*Lumnitzera racemosa*	Least Concern	no	4
Euphorbiaceae	*Macaranga alnifolia*	Least Concern	yes	1
Euphorbiaceae	*Macaranga boutonioides*	Least Concern	no	1
Euphorbiaceae	*Macaranga cupularis*	Critically Endangered	yes	0
Euphorbiaceae	*Macaranga cuspidata*	Least Concern	yes	1
Euphorbiaceae	*Macaranga echinocarpa*	Least Concern	yes	0
Euphorbiaceae	*Macaranga ferruginea*	Least Concern	yes	1
Euphorbiaceae	*Macaranga grallata*	Least Concern	yes	0
Euphorbiaceae	*Macaranga macropoda*	Least Concern	yes	0
Euphorbiaceae	*Macaranga myriolepida*	Endangered	yes	0
Euphorbiaceae	*Macaranga oblongifolia*	Least Concern	yes	0
Euphorbiaceae	*Macaranga obovata*	Least Concern	yes	0
Euphorbiaceae	*Macaranga perrieri*	Endangered	yes	0
Euphorbiaceae	*Macaranga racemosa*	Critically Endangered	yes	0
Euphorbiaceae	*Macaranga ribesioides*	Data Deficient	yes	0
Euphorbiaceae	*Macaranga sphaerophylla*	Least Concern	yes	0
Rhizophoraceae	*Macarisia humbertiana*	Vulnerable	yes	0
Rhizophoraceae	*Macarisia lanceolata*	Least Concern	yes	0
Rhizophoraceae	*Macarisia pyramidata*	Least Concern	yes	1
Moraceae	*Maclura africana*	Least Concern	no	2
Sapindaceae	*Macphersonia chapelieri*	Endangered	yes	0
Sapindaceae	*Macphersonia gracilis*	Least Concern *	no	1
Sapindaceae	*Macphersonia madagascariensis*	Least Concern *	yes	0
Sapindaceae	*Macphersonia radlkoferi*	Least Concern	yes	0
Lamiaceae	*Madlabium magenteum*	Vulnerable	yes	1
Capparaceae	*Maerua filiformis*	Least Concern	yes	2
Capparaceae	*Maerua triphylla*	Least Concern	no	4
Primulaceae	*Maesa lanceolata*	Least Concern	no	14
Chrysobalanaceae	*Magnistipula cerebriformis*	Vulnerable	yes	0
Chrysobalanaceae	*Magnistipula tamenaka*	Least Concern	yes	1
Moraceae	*Maillardia montana*	Least Concern	no	0
Proteaceae	*Malagasia alticola*	Endangered	yes	0
Meliaceae	*Malleastrum antsingyense*	Least Concern	yes	0
Meliaceae	*Malleastrum letouzeyanum*	Endangered	yes	0

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Meliaceae	*Malleastrum mandenense*	Vulnerable	yes	1
Meliaceae	*Malleastrum mocquerysi*	Critically Endangered *	yes	0
Meliaceae	*Malleastrum obtusifolium*	Vulnerable *	yes	0
Meliaceae	*Malleastrum pseudodepauperatum*	Vulnerable *	yes	0
Meliaceae	*Malleastrum sambiranense*	Endangered *	yes	1
Meliaceae	*Malleastrum sepaliferum*	Endangered *	yes	0
Meliaceae	*Malleastrum tampolense*	Endangered *	yes	0
Euphorbiaceae	*Mallotus oppositifolius*	Least Concern	no	0
Calophyllaceae	*Mammea angustifolia*	Vulnerable	yes	0
Calophyllaceae	*Mammea bongo*	Near Threatened	yes	1
Calophyllaceae	*Mammea cauliflora*	Data Deficient	yes	0
Calophyllaceae	*Mammea eugenioides*	Endangered	yes	0
Calophyllaceae	*Mammea glaucifolia*	Endangered	yes	0
Calophyllaceae	*Mammea pseudoprotorhus*	Endangered	yes	0
Calophyllaceae	*Mammea sanguinea*	Endangered	yes	0
Calophyllaceae	*Mammea sessiliflora*	Least Concern	yes	0
Sapotaceae	*Manilkara boivinii*	Vulnerable *	yes	0
Sapotaceae	*Manilkara capuronii*	Critically Endangered *	yes	0
Sapotaceae	*Manilkara perrieri*	Endangered	yes	0
Sapotaceae	*Manilkara sahafarensis*	Critically Endangered	yes	0
Sapotaceae	*Manilkara suarezensis*	Critically Endangered	yes	0
Rubiaceae	*Mantalania capuronii*	Vulnerable	yes	0
Rubiaceae	*Mantalania longipedunculata*	Endangered	yes	0
Rubiaceae	*Mantalania sambiranensis*	Least Concern	yes	0
Phyllanthaceae	*Margaritaria anomala*	Least Concern	no	1
Phyllanthaceae	*Margaritaria decaryana*	Least Concern	yes	1
Phyllanthaceae	*Margaritaria hispidula*	Critically Endangered	yes	0
Phyllanthaceae	*Margaritaria rhomboidalis*	Least Concern	yes	1
Arecaceae	*Marojejya darianii*	Endangered	yes	8
Arecaceae	*Marojejya insignis*	Least Concern	yes	8
Pandanaceae	*Martellidendron androcephalanthos*	Vulnerable	yes	0
Pandanaceae	*Martellidendron cruciatum*	Least Concern	yes	0
Pandanaceae	*Martellidendron gallinarum*	Critically Endangered	yes	0
Pandanaceae	*Martellidendron karaka*	Least Concern	yes	0
Pandanaceae	*Martellidendron kariangense*	Endangered	yes	0
Apocynaceae	*Mascarenhasia havetii*	Least Concern	yes	0
Apocynaceae	*Mascarenhasia lanceolata*	Least Concern	yes	1
Apocynaceae	*Mascarenhasia lisianthiflora*	Least Concern	yes	3
Apocynaceae	*Mascarenhasia macrosiphon*	Vulnerable	yes	0
Apocynaceae	*Mascarenhasia rubra*	Endangered	yes	0
Apocynaceae	*Mascarenhasia speciosa*	Least Concern	yes	0
Apocynaceae	*Mascarenhasia tampinensis*	Endangered	yes	0
Arecaceae	*Masoala kona*	Endangered	yes	3
Arecaceae	*Masoala madagascariensis*	Critically Endangered	yes	6
Myristicaceae	*Mauloutchia annickiae*	Critically Endangered	yes	0
Myristicaceae	*Mauloutchia capuronii*	Endangered	yes	0
Myristicaceae	*Mauloutchia chapelieri*	Least Concern	yes	0
Myristicaceae	*Mauloutchia coriacea*	Endangered	yes	0
Myristicaceae	*Mauloutchia echinocarpa*	Endangered	yes	0
Myristicaceae	*Mauloutchia heckelii*	Endangered	yes	0
Myristicaceae	*Mauloutchia humblotii*	Least Concern	yes	0
Myristicaceae	*Mauloutchia parvifolia*	Vulnerable	yes	0
Myristicaceae	*Mauloutchia sambiranensis*	Endangered	yes	0
Celastraceae	*Maytenus undata*	Least Concern	no	8
Sarcolaenaceae	*Mediusella arenaria*	Near Threatened	yes	1
Sarcolaenaceae	*Mediusella bernieri*	Endangered	yes	1
Malvaceae	*Megistostegium nodulosum*	Least Concern	yes	0
Phyllanthaceae	*Meineckia websteri*	Critically Endangered	yes	0
Torricelliaceae	*Melanophylla alnifolia*	Least Concern	yes	0
Torricelliaceae	*Melanophylla angustior*	Endangered	yes	0
Torricelliaceae	*Melanophylla aucubifolia*	Least Concern	yes	0
Torricelliaceae	*Melanophylla crenata*	Least Concern	yes	0
Torricelliaceae	*Melanophylla dianeae*	Critically Endangered	yes	0
Torricelliaceae	*Melanophylla madagascariensis*	Endangered	yes	0
Torricelliaceae	*Melanophylla modestei*	Endangered	yes	1
Torricelliaceae	*Melanophylla perrieri*	Endangered	yes	0
Rubiaceae	*Melanoxerus suavissimus*	Least Concern	yes	0
Rutaceae	*Melicope bakeri*	Vulnerable	yes	0
Rutaceae	*Melicope balankazo*	Endangered	yes	0
Rutaceae	*Melicope belahe*	Data Deficient *	yes	0
Rutaceae	*Melicope fatraina*	Critically Endangered	yes	0
Rutaceae	*Melicope floribunda*	Endangered	yes	0
Rutaceae	*Melicope madagascariensis*	Data Deficient *	yes	1
Rutaceae	*Melicope sambiranensis*	Endangered	yes	0
Rutaceae	*Melicope tsaratananensis*	Endangered	yes	0
Melastomataceae	*Memecylon aberrans*	Data Deficient	yes	0
Melastomataceae	*Memecylon acrogenum*	Endangered	yes	0
Melastomataceae	*Memecylon ambrense*	Endangered	yes	0
Melastomataceae	*Memecylon antseranense*	Endangered	yes	0
Melastomataceae	*Memecylon auratifolium*	Endangered	yes	0
Melastomataceae	*Memecylon boinense*	Endangered	yes	1
Melastomataceae	*Memecylon bracteatum*	Endangered	yes	0
Melastomataceae	*Memecylon clavistaminum*	Near Threatened	yes	0
Melastomataceae	*Memecylon corymbiforme*	Endangered	yes	0
Melastomataceae	*Memecylon cotinifolioides*	Vulnerable	yes	0
Melastomataceae	*Memecylon crassipetiolum*	Endangered	yes	0
Melastomataceae	*Memecylon dalleizettei*	Data Deficient	yes	0
Melastomataceae	*Memecylon delphinense*	Endangered	yes	0
Melastomataceae	*Memecylon fianarantse*	Critically Endangered	yes	0
Melastomataceae	*Memecylon galeatum*	Endangered	yes	0
Melastomataceae	*Memecylon infuscatum*	Vulnerable	yes	0
Melastomataceae	*Memecylon isaloense*	Critically Endangered	yes	0
Melastomataceae	*Memecylon laureolum*	Endangered	yes	0
Melastomataceae	*Memecylon longipetalum*	Near Threatened	yes	0
Melastomataceae	*Memecylon louvelianum*	Least Concern	yes	0
Melastomataceae	*Memecylon matitanense*	Endangered	yes	0
Melastomataceae	*Memecylon megaspermum*	Endangered	yes	0
Melastomataceae	*Memecylon pedunculatum*	Endangered	yes	0
Melastomataceae	*Memecylon perangustum*	Endangered	yes	0
Melastomataceae	*Memecylon perditum*	Endangered	yes	0

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Melastomataceae	*Memecylon pileatum*	Endangered	yes	0
Melastomataceae	*Memecylon roseum*	Endangered	yes	0
Melastomataceae	*Memecylon sabulosum*	Vulnerable	yes	0
Melastomataceae	*Memecylon sejunctum*	Vulnerable *	yes	0
Melastomataceae	*Memecylon thouarsianum*	Endangered	yes	0
Melastomataceae	*Memecylon thouvenotii*	Endangered	yes	0
Melastomataceae	*Memecylon toamasinense*	Vulnerable	yes	0
Melastomataceae	*Memecylon tsaratananense*	Critically Endangered	yes	0
Melastomataceae	*Memecylon uapacoides*	Critically Endangered	yes	0
Melastomataceae	*Memecylon utericarpum*	Endangered	yes	0
Melastomataceae	*Memecylon xiphophyllum*	Vulnerable	yes	0
Fabaceae	*Mendoravia dumaziana*	Endangered	yes	0
Anacardiaceae	*Micronychia acuminata*	Endangered	yes	0
Anacardiaceae	*Micronychia bemangidiensis*	Endangered	yes	0
Anacardiaceae	*Micronychia danguyana*	Endangered	yes	0
Anacardiaceae	*Micronychia kotozafii*	Least Concern	yes	0
Anacardiaceae	*Micronychia macrophylla*	Least Concern	yes	0
Anacardiaceae	*Micronychia madagascariensis*	Vulnerable	yes	0
Anacardiaceae	*Micronychia minutiflora*	Least Concern	yes	0
Anacardiaceae	*Micronychia striata*	Endangered	yes	0
Anacardiaceae	*Micronychia tsiramiramy*	Least Concern	yes	0
Fabaceae	*Millettia aurea*	Vulnerable	yes	1
Fabaceae	*Millettia capuronii*	Vulnerable	yes	0
Fabaceae	*Millettia hitsika*	Endangered	yes	0
Fabaceae	*Millettia lenneoides*	Least Concern	yes	1
Fabaceae	*Millettia nathaliae*	Vulnerable	yes	0
Fabaceae	*Millettia orientalis*	Near Threatened	yes	0
Fabaceae	*Millettia richardiana*	Least Concern	yes	1
Fabaceae	*Millettia taolanaroensis*	Vulnerable	yes	2
Fabaceae	*Mimosa dupuyana*	Endangered	yes	0
Fabaceae	*Mimosa haavoa*	Endangered	yes	0
Fabaceae	*Mimosa lingvatouana*	Endangered	yes	0
Sapotaceae	*Mimusops ankaibeensis*	Data Deficient *	yes	0
Sapotaceae	*Mimusops antongilensis*	Data Deficient *	yes	0
Sapotaceae	*Mimusops antorakensis*	Data Deficient *	yes	0
Sapotaceae	*Mimusops antsiranensis*	Endangered	yes	1
Sapotaceae	*Mimusops boeniensis*	Vulnerable	yes	0
Sapotaceae	*Mimusops capuronii*	Least Concern	yes	1
Sapotaceae	*Mimusops coriacea*	Least Concern *	no	5
Sapotaceae	*Mimusops lecomtei*	Endangered *	yes	0
Sapotaceae	*Mimusops lohindri*	Endangered *	yes	0
Sapotaceae	*Mimusops longipedicellata*	Data Deficient *	yes	0
Sapotaceae	*Mimusops masoalensis*	Endangered *	yes	0
Sapotaceae	*Mimusops membranacea*	Endangered *	yes	0
Sapotaceae	*Mimusops nossibeensis*	Critically Endangered	yes	0
Sapotaceae	*Mimusops occidentalis*	Vulnerable	yes	0
Sapotaceae	*Mimusops perrieri*	Near Threatened *	yes	0
Sapotaceae	*Mimusops sambiranensis*	Endangered	yes	0
Sapotaceae	*Mimusops voalela*	Data Deficient *	yes	1
Sapindaceae	*Molinaea retusa*	Least Concern	yes	1
Sapindaceae	*Molinaea tolambitou*	Least Concern	yes	0
Primulaceae	*Monoporus bipinnatus*	Vulnerable	yes	0
Primulaceae	*Monoporus clusiifolius*	Vulnerable	yes	0
Primulaceae	*Monoporus floribundus*	Vulnerable	yes	0
Primulaceae	*Monoporus paludosus*	Endangered	yes	0
Primulaceae	*Monoporus spathulatus*	Least Concern	yes	0
Dipterocarpaceae	*Monotes madagascariensis*	Endangered	yes	1
Myricaceae	*Morella serrata*	Least Concern *	no	1
Myricaceae	*Morella spathulata*	Least Concern *	no	1
Moringaceae	*Moringa drouhardii*	Least Concern	yes	28
Moringaceae	*Moringa hildebrandtii*	Critically Endangered	yes	19
Fabaceae	*Mundulea antanossarum*	Least Concern	yes	1
Fabaceae	*Mundulea barclayi*	Least Concern	yes	1
Fabaceae	*Mundulea chapelieri*	Least Concern	yes	0
Fabaceae	*Mundulea laxiflora*	Least Concern	yes	1
Fabaceae	*Mundulea menabeensis*	Near Threatened	yes	1
Fabaceae	*Mundulea micrantha*	Least Concern	yes	1
Fabaceae	*Mundulea obovata*	Least Concern	yes	0
Fabaceae	*Mundulea viridis*	Least Concern	yes	0
Primulaceae	*Myrsine melanophloeos*	Least Concern *	no	3
Primulaceae	*Myrsine mocquerysii*	Critically Endangered	yes	0
Euphorbiaceae	*Necepsia castaneifolia*	Vulnerable	no	1
Erythroxylaceae	*Nectaropetalum eligulatum*	Vulnerable	yes	0
Fabaceae	*Neoapaloxylon madagascariense*	Least Concern	yes	2
Fabaceae	*Neoapaloxylon tuberosum*	Least Concern	yes	1
Meliaceae	*Neobeguea ankaranensis*	Vulnerable	yes	0
Meliaceae	*Neobeguea leandriana*	Vulnerable	yes	0
Meliaceae	*Neobeguea mahafaliensis*	Least Concern	yes	1
Araliaceae	*Neocussonia bojeri*	Least Concern	yes	0
Araliaceae	*Neocussonia bracteolifera*	Vulnerable	yes	0
Araliaceae	*Neocussonia capuroniana*	Endangered	yes	0
Araliaceae	*Neocussonia favargeri*	Near Threatened	yes	0
Araliaceae	*Neocussonia fosbergiana*	Endangered	yes	0
Araliaceae	*Neocussonia frodiniana*	Least Concern	yes	0
Araliaceae	*Neocussonia halleana*	Least Concern	yes	0
Araliaceae	*Neocussonia litoralis*	Vulnerable	yes	0
Araliaceae	*Neocussonia longipedicellata*	Least Concern	yes	0
Araliaceae	*Neocussonia moratii*	Vulnerable	yes	0
Araliaceae	*Neocussonia rainaliana*	Endangered	yes	0
Araliaceae	*Neocussonia staufferiana*	Least Concern	yes	0
Araliaceae	*Neocussonia vantsilana*	Least Concern	yes	0
Araliaceae	*Neocussonia weibeliana*	Least Concern	yes	0
Fabaceae	*Neoharmsia baronii*	Endangered	yes	1
Fabaceae	*Neoharmsia madagascariensis*	Endangered	yes	0
Malvaceae	*Nesogordonia abrahamii*	Vulnerable	yes	0
Malvaceae	*Nesogordonia ambalabeensis*	Least Concern	yes	1
Malvaceae	*Nesogordonia bernieri*	Vulnerable	yes	0
Malvaceae	*Nesogordonia chrysocarpa*	Endangered	yes	0
Malvaceae	*Nesogordonia crassipes*	Least Concern	yes	0
Malvaceae	*Nesogordonia fertilis*	Endangered	yes	0

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Malvaceae	*Nesogordonia humbertii*	Vulnerable	yes	0
Malvaceae	*Nesogordonia macrophylla*	Least Concern	yes	0
Malvaceae	*Nesogordonia micrantha*	Endangered	yes	0
Malvaceae	*Nesogordonia monantha*	Endangered	yes	0
Malvaceae	*Nesogordonia normandii*	Vulnerable	yes	0
Malvaceae	*Nesogordonia pachyneura*	Vulnerable	yes	0
Malvaceae	*Nesogordonia rakotovaoi*	Critically Endangered	yes	0
Malvaceae	*Nesogordonia stylosa*	Vulnerable	yes	1
Malvaceae	*Nesogordonia thouarsii*	Vulnerable	yes	1
Oleaceae	*Noronhia alleizettei*	Least Concern	yes	0
Oleaceae	*Noronhia aminae*	Near Threatened	yes	0
Oleaceae	*Noronhia ankaranensis*	Near Threatened	yes	0
Oleaceae	*Noronhia armandiana*	Endangered	yes	0
Oleaceae	*Noronhia boinensis*	Vulnerable	yes	0
Oleaceae	*Noronhia boivinii*	Near Threatened	yes	0
Oleaceae	*Noronhia brevituba*	Least Concern	yes	1
Oleaceae	*Noronhia buxifolia*	Least Concern	yes	0
Oleaceae	*Noronhia candicans*	Vulnerable	yes	0
Oleaceae	*Noronhia capuronii*	Vulnerable	yes	0
Oleaceae	*Noronhia christenseniana*	Endangered	yes	0
Oleaceae	*Noronhia cordifolia*	Endangered *	yes	0
Oleaceae	*Noronhia coriacea*	Vulnerable	yes	0
Oleaceae	*Noronhia crassinodis*	Vulnerable	yes	0
Oleaceae	*Noronhia crassiramosa*	Vulnerable	yes	0
Oleaceae	*Noronhia cuspidata*	Endangered	yes	0
Oleaceae	*Noronhia dauphinensis*	Endangered	yes	0
Oleaceae	*Noronhia decaryana*	Least Concern	yes	0
Oleaceae	*Noronhia densiflora*	Endangered	yes	0
Oleaceae	*Noronhia disjuncta*	Vulnerable	yes	0
Oleaceae	*Noronhia divaricata*	Vulnerable	yes	0
Oleaceae	*Noronhia domatifera*	Vulnerable	yes	0
Oleaceae	*Noronhia edentata*	Near Threatened	yes	0
Oleaceae	*Noronhia emarginata*	Least Concern	yes	10
Oleaceae	*Noronhia gracilipes*	Least Concern	yes	0
Oleaceae	*Noronhia grandifolia*	Least Concern	yes	0
Oleaceae	*Noronhia greeniana*	Endangered	yes	0
Oleaceae	*Noronhia humbertiana*	Near Threatened	yes	0
Oleaceae	*Noronhia humblotiana*	Near Threatened	yes	0
Oleaceae	*Noronhia incurvifolia*	Endangered	yes	0
Oleaceae	*Noronhia introversa*	Least Concern	yes	0
Oleaceae	*Noronhia lanceolata*	Least Concern	yes	0
Oleaceae	*Noronhia leandriana*	Vulnerable	yes	0
Oleaceae	*Noronhia linearifolia*	Vulnerable	yes	0
Oleaceae	*Noronhia linocerioides*	Least Concern	yes	0
Oleaceae	*Noronhia longipedicellata*	Vulnerable	yes	0
Oleaceae	*Noronhia louvelii*	Least Concern	yes	0
Oleaceae	*Noronhia luteola*	Vulnerable	yes	0
Oleaceae	*Noronhia macrocarpa*	Endangered	yes	0
Oleaceae	*Noronhia maculata*	Endangered	yes	0
Oleaceae	*Noronhia mangorensis*	Vulnerable	yes	0
Oleaceae	*Noronhia marinae*	Near Threatened	yes	0
Oleaceae	*Noronhia marojejyensis*	Critically Endangered	yes	0
Oleaceae	*Noronhia martiniana*	Vulnerable	yes	0
Oleaceae	*Noronhia myrtoides*	Least Concern	yes	0
Oleaceae	*Noronhia oblanceolata*	Vulnerable	yes	0
Oleaceae	*Noronhia obtusifolia*	Least Concern	yes	0
Oleaceae	*Noronhia olearia*	Endangered	yes	0
Oleaceae	*Noronhia orientalis*	Endangered	yes	0
Oleaceae	*Noronhia patricei*	Endangered	yes	0
Oleaceae	*Noronhia peracuminata*	Endangered	yes	0
Oleaceae	*Noronhia perrieriana*	Least Concern	yes	0
Oleaceae	*Noronhia pervilleana*	Least Concern	yes	0
Oleaceae	*Noronhia planifolia*	Endangered	yes	0
Oleaceae	*Noronhia populifolia*	Critically Endangered	yes	0
Oleaceae	*Noronhia retusifolia*	Critically Endangered	yes	0
Oleaceae	*Noronhia richardii*	Vulnerable	yes	0
Oleaceae	*Noronhia rollandii*	Least Concern	yes	0
Oleaceae	*Noronhia rostrata*	Endangered	yes	0
Oleaceae	*Noronhia sambiranensis*	Near Threatened	yes	0
Oleaceae	*Noronhia schatzii*	Least Concern	yes	0
Oleaceae	*Noronhia seyrigii*	Least Concern	yes	0
Oleaceae	*Noronhia similis*	Least Concern	yes	0
Oleaceae	*Noronhia stevensiana*	Endangered	yes	0
Oleaceae	*Noronhia tefyana*	Endangered	yes	0
Oleaceae	*Noronhia tetrandra*	Near Threatened	yes	0
Oleaceae	*Noronhia tropophylla*	Least Concern	yes	0
Oleaceae	*Noronhia tubulosa*	Endangered	yes	0
Oleaceae	*Noronhia urceolata*	Vulnerable	yes	0
Oleaceae	*Noronhia variabilis*	Vulnerable	yes	0
Oleaceae	*Noronhia verrucosa*	Vulnerable	yes	0
Oleaceae	*Noronhia verticillata*	Least Concern	yes	0
Stilbaceae	*Nuxia ambrensis*	Endangered	yes	0
Stilbaceae	*Nuxia capitata*	Least Concern	yes	0
Stilbaceae	*Nuxia coriacea*	Near Threatened	yes	0
Stilbaceae	*Nuxia involucrata*	Least Concern	yes	0
Stilbaceae	*Nuxia oppositifolia*	Least Concern	no	3
Stilbaceae	*Nuxia pachyphylla*	Least Concern	yes	1
Stilbaceae	*Nuxia sphaerocephala*	Least Concern	yes	0
Urticaceae	*Obetia madagascariensis*	Vulnerable	yes	1
Urticaceae	*Obetia radula*	Least Concern *	no	6
Ochnaceae	*Ochna baronii*	Endangered	yes	0
Ochnaceae	*Ochna ciliata*	Least Concern	no	3
Ochnaceae	*Ochna louvelii*	Vulnerable	yes	0
Ochnaceae	*Ochna macrantha*	Vulnerable	yes	0
Ochnaceae	*Ochna sambiranensis*	Vulnerable	yes	0
Ochnaceae	*Ochna thouvenotii*	Endangered	yes	0
Lauraceae	*Ocotea ambrensis*	Endangered	yes	0
Lauraceae	*Ocotea auriculiformis*	Near Threatened	yes	0
Lauraceae	*Ocotea brevipes*	Data Deficient	yes	0
Lauraceae	*Ocotea caudatifolia*	Endangered	yes	0

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Lauraceae	*Ocotea corethroides*	Near Threatened	yes	0
Lauraceae	*Ocotea cryptocaryoides*	Endangered	yes	0
Lauraceae	*Ocotea cymosa*	Least Concern	yes	0
Lauraceae	*Ocotea elliptica*	Least Concern	yes	0
Lauraceae	*Ocotea eriothyrsa*	Critically Endangered	yes	0
Lauraceae	*Ocotea faucherei*	Endangered	yes	0
Lauraceae	*Ocotea foveolata*	Vulnerable	yes	0
Lauraceae	*Ocotea grayi*	Least Concern	yes	0
Lauraceae	*Ocotea humbertii*	Endangered	yes	0
Lauraceae	*Ocotea humblotii*	Near Threatened	yes	0
Lauraceae	*Ocotea involuta*	Endangered	yes	0
Lauraceae	*Ocotea ivohibensis*	Vulnerable	yes	0
Lauraceae	*Ocotea longipes*	Vulnerable	yes	0
Lauraceae	*Ocotea macrocarpa*	Vulnerable	yes	0
Lauraceae	*Ocotea madagascariensis*	Endangered	yes	0
Lauraceae	*Ocotea malcomberi*	Vulnerable	yes	0
Lauraceae	*Ocotea nervosa*	Near Threatened	yes	0
Lauraceae	*Ocotea perforata*	Endangered	yes	0
Lauraceae	*Ocotea racemosa*	Least Concern	yes	0
Lauraceae	*Ocotea rigidifolia*	Critically Endangered	yes	0
Lauraceae	*Ocotea sambiranensis*	Endangered	yes	0
Lauraceae	*Ocotea sessiliflora*	Endangered	yes	0
Lauraceae	*Ocotea spanantha*	Endangered	yes	0
Lauraceae	*Ocotea thouvenotii*	Near Threatened	yes	1
Lauraceae	*Ocotea trichantha*	Endangered	yes	0
Lauraceae	*Ocotea trichophlebia*	Vulnerable	yes	0
Lauraceae	*Ocotea tsaratananensis*	Critically Endangered	yes	0
Lauraceae	*Ocotea zahamenensis*	Vulnerable	yes	0
Thymelaeaceae	*Octolepis aymoniniana*	Critically Endangered	yes	0
Thymelaeaceae	*Octolepis dioica*	Least Concern	yes	0
Thymelaeaceae	*Octolepis ibityensis*	Critically Endangered	yes	0
Thymelaeaceae	*Octolepis oblanceolata*	Endangered	yes	0
Thymelaeaceae	*Octolepis ratovosonii*	Endangered	yes	0
Olacaceae	*Olax antsiranensis*	Vulnerable	yes	0
Olacaceae	*Olax capuronii*	Vulnerable	yes	0
Olacaceae	*Olax emirnensis*	Least Concern	yes	0
Olacaceae	*Olax lanceolata*	Least Concern	yes	1
Olacaceae	*Olax madagascariensis*	Least Concern	yes	0
Olacaceae	*Olax thouarsii*	Least Concern	yes	0
Oleaceae	*Olea capensis*	Least Concern	no	4
Oleaceae	*Olea lancea*	Least Concern	no	3
Asteraceae	*Oliganthes lecomtei*	Endangered	yes	0
Asteraceae	*Oliganthes meranoides*	Vulnerable	yes	1
Asteraceae	*Oliganthes pseudocentauropsis*	Critically Endangered	yes	0
Asteraceae	*Oliganthes tsaratananensis*	Endangered	yes	0
Euphorbiaceae	*Omphalea ankaranensis*	Endangered	yes	0
Euphorbiaceae	*Omphalea occidentalis*	Least Concern	yes	0
Euphorbiaceae	*Omphalea oppositifolia*	Least Concern	yes	0
Euphorbiaceae	*Omphalea palmata*	Vulnerable	yes	1
Primulaceae	*Oncostemum acuminatum*	Data Deficient *	yes	0
Primulaceae	*Oncostemum andreanae*	Data Deficient *	yes	0
Primulaceae	*Oncostemum ankifiense*	Vulnerable *	yes	0
Primulaceae	*Oncostemum arboreum*	Data Deficient *	yes	0
Primulaceae	*Oncostemum arthriticum*	Data Deficient *	yes	0
Primulaceae	*Oncostemum botryoides*	Data Deficient *	yes	0
Primulaceae	*Oncostemum capitatum*	Data Deficient *	yes	0
Primulaceae	*Oncostemum cauliflorum*	Data Deficient *	yes	0
Primulaceae	*Oncostemum commersonianum*	Data Deficient *	yes	0
Primulaceae	*Oncostemum divaricatum*	Data Deficient *	yes	0
Primulaceae	*Oncostemum evonymoides*	Data Deficient *	yes	0
Primulaceae	*Oncostemum fusco-pilosum*	Data Deficient *	yes	0
Primulaceae	*Oncostemum humbertianum*	Data Deficient *	yes	0
Primulaceae	*Oncostemum laurifolium*	Data Deficient *	yes	0
Primulaceae	*Oncostemum leprosum*	Data Deficient *	yes	0
Primulaceae	*Oncostemum lichenophilum*	Data Deficient *	yes	0
Primulaceae	*Oncostemum macranthum*	Data Deficient *	yes	0
Primulaceae	*Oncostemum macrophyllum*	Data Deficient *	yes	0
Primulaceae	*Oncostemum macrostachyum*	Data Deficient *	yes	1
Primulaceae	*Oncostemum matitanense*	Data Deficient *	yes	0
Primulaceae	*Oncostemum meeusianum*	Data Deficient *	yes	0
Primulaceae	*Oncostemum neriifolium*	Data Deficient *	yes	0
Primulaceae	*Oncostemum nervosum*	Data Deficient *	yes	0
Primulaceae	*Oncostemum nitidulum*	Data Deficient *	yes	0
Primulaceae	*Oncostemum oliganthum*	Data Deficient *	yes	0
Primulaceae	*Oncostemum ovatoacuminatum*	Data Deficient *	yes	0
Primulaceae	*Oncostemum reflexum*	Data Deficient *	yes	0
Primulaceae	*Oncostemum subcuspidatum*	Data Deficient *	yes	0
Primulaceae	*Oncostemum terniflorum*	Data Deficient *	yes	0
Primulaceae	*Oncostemum umbellatum*	Data Deficient *	yes	0
Primulaceae	*Oncostemum vaccinifolium*	Data Deficient *	yes	0
Primulaceae	*Oncostemum venulosum*	Data Deficient *	yes	0
Anacardiaceae	*Operculicarya borealis*	Endangered	yes	0
Anacardiaceae	*Operculicarya calcicola*	Endangered	yes	0
Anacardiaceae	*Operculicarya capuronii*	Critically Endangered	yes	0
Anacardiaceae	*Operculicarya decaryi*	Least Concern	yes	42
Anacardiaceae	*Operculicarya gummifera*	Least Concern	no	3
Anacardiaceae	*Operculicarya hirsutissima*	Vulnerable	yes	1
Anacardiaceae	*Operculicarya hyphaenoides*	Endangered	yes	0
Anacardiaceae	*Operculicarya multijuga*	Endangered	yes	0
Arecaceae	*Orania longisquama*	Least Concern	yes	2
Arecaceae	*Orania ravaka*	Vulnerable	yes	2
Arecaceae	*Orania trispatha*	Vulnerable	yes	3
Euphorbiaceae	*Orfilea coriacea*	Least Concern	yes	1
Euphorbiaceae	*Orfilea multispicata*	Endangered	no	0
Fabaceae	*Ormocarpopsis aspera*	Least Concern	yes	0
Fabaceae	*Ormocarpopsis calcicola*	Vulnerable	yes	0
Fabaceae	*Ormocarpopsis itremoensis*	Endangered	yes	0
Fabaceae	*Ormocarpopsis mandrarensis*	Endangered	yes	0
Fabaceae	*Ormocarpopsis tulearensis*	Vulnerable	yes	0
Lamiaceae	*Orthosiphon adenocaulis*	Endangered	yes	0

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Apocynaceae	*Pachypodium geayi*	Least Concern	yes	88
Apocynaceae	*Pachypodium lamerei*	Least Concern	yes	142
Apocynaceae	*Pachypodium meridionale*	Vulnerable	yes	10
Apocynaceae	*Pachypodium mikea*	Endangered	yes	10
Apocynaceae	*Pachypodium rutenbergianum*	Least Concern	yes	42
Apocynaceae	*Pachypodium sofiense*	Vulnerable	yes	12
Pandanaceae	*Pandanus alpestris*	Vulnerable	yes	0
Pandanaceae	*Pandanus alveolatus*	Vulnerable	yes	0
Pandanaceae	*Pandanus ambalavaoensis*	Critically Endangered	yes	0
Pandanaceae	*Pandanus ambongensis*	Vulnerable	yes	0
Pandanaceae	*Pandanus analamazaotrensis*	Endangered	yes	0
Pandanaceae	*Pandanus analamerensis*	Vulnerable *	yes	0
Pandanaceae	*Pandanus andringitrensis*	Endangered	yes	0
Pandanaceae	*Pandanus ankaranensis*	Endangered	yes	0
Pandanaceae	*Pandanus arenicola*	Endangered	yes	0
Pandanaceae	*Pandanus aridus*	Near Threatened	yes	0
Pandanaceae	*Pandanus bakeri*	Endangered	yes	1
Pandanaceae	*Pandanus barbellatus*	Endangered	yes	0
Pandanaceae	*Pandanus bipyramidatus*	Vulnerable	yes	0
Pandanaceae	*Pandanus boivinii*	Least Concern	yes	0
Pandanaceae	*Pandanus callmanderianus*	Endangered	yes	0
Pandanaceae	*Pandanus ceratophorus*	Least Concern	yes	0
Pandanaceae	*Pandanus comatus*	Endangered	yes	0
Pandanaceae	*Pandanus concretus*	Least Concern	yes	1
Pandanaceae	*Pandanus connatus*	Endangered	yes	0
Pandanaceae	*Pandanus coriaceus*	Vulnerable	yes	0
Pandanaceae	*Pandanus diffusus*	Vulnerable	yes	0
Pandanaceae	*Pandanus dyckioides*	Least Concern	yes	1
Pandanaceae	*Pandanus flagellibracteatus*	Vulnerable	yes	0
Pandanaceae	*Pandanus grallatus*	Endangered	yes	0
Pandanaceae	*Pandanus guillaumetii*	Vulnerable	yes	0
Pandanaceae	*Pandanus humbertii*	Least Concern	yes	0
Pandanaceae	*Pandanus imerinensis*	Vulnerable	yes	0
Pandanaceae	*Pandanus insuetus*	Endangered	yes	0
Pandanaceae	*Pandanus kimlangii*	Endangered	yes	0
Pandanaceae	*Pandanus kuepferi*	Critically Endangered	yes	0
Pandanaceae	*Pandanus latistigmaticus*	Endangered	yes	0
Pandanaceae	*Pandanus leptopodus*	Least Concern	yes	0
Pandanaceae	*Pandanus linguiformis*	Endangered	yes	0
Pandanaceae	*Pandanus longecuspidatus*	Endangered	yes	0
Pandanaceae	*Pandanus longipes*	Endangered	yes	0
Pandanaceae	*Pandanus longissimipedunculatus*	Vulnerable	yes	0
Pandanaceae	*Pandanus longistylus*	Endangered	yes	0
Pandanaceae	*Pandanus macrophyllus*	Critically Endangered	yes	0
Pandanaceae	*Pandanus malgassicus*	Vulnerable	yes	0
Pandanaceae	*Pandanus mammillaris*	Endangered	yes	0
Pandanaceae	*Pandanus manamboloensis*	Endangered	yes	0
Pandanaceae	*Pandanus mangokensis*	Vulnerable	yes	0
Pandanaceae	*Pandanus marojejicus*	Least Concern	yes	0
Pandanaceae	*Pandanus maromokotrensis*	Critically Endangered	yes	0

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Pandanaceae	*Pandanus microcephalus*	Vulnerable	yes	0
Pandanaceae	*Pandanus myriocarpus*	Vulnerable	yes	0
Pandanaceae	*Pandanus namakiensis*	Vulnerable	yes	0
Pandanaceae	*Pandanus neoleptopodus*	Vulnerable	yes	0
Pandanaceae	*Pandanus nusbaumeri*	Vulnerable	yes	0
Pandanaceae	*Pandanus oligocarpus*	Least Concern	yes	0
Pandanaceae	*Pandanus oligocephalus*	Vulnerable	yes	0
Pandanaceae	*Pandanus perrieri*	Endangered	yes	0
Pandanaceae	*Pandanus pervilleanus*	Least Concern	yes	0
Pandanaceae	*Pandanus platyphyllus*	Near Threatened	yes	0
Pandanaceae	*Pandanus pluriloculatus*	Endangered	yes	0
Pandanaceae	*Pandanus princeps*	Endangered	yes	0
Pandanaceae	*Pandanus pristis*	Endangered	yes	6
Pandanaceae	*Pandanus pseudobathiei*	Endangered	yes	0
Pandanaceae	*Pandanus rollotii*	Vulnerable	yes	0
Pandanaceae	*Pandanus sambiranensis*	Endangered	yes	0
Pandanaceae	*Pandanus saxatilis*	Endangered	yes	0
Pandanaceae	*Pandanus sermollianus*	Critically Endangered	yes	0
Pandanaceae	*Pandanus spicatus*	Critically Endangered	yes	0
Pandanaceae	*Pandanus spinifer*	Endangered	yes	1
Pandanaceae	*Pandanus tabellarius*	Endangered	yes	0
Pandanaceae	*Pandanus tazoanii*	Critically Endangered	yes	0
Pandanaceae	*Pandanus tolanarensis*	Endangered	yes	0
Pandanaceae	*Pandanus tsaratananensis*	Endangered	yes	0
Pandanaceae	*Pandanus tsingycola*	Endangered	yes	0
Pandanaceae	*Pandanus variabilis*	Vulnerable	yes	0
Euphorbiaceae	*Pantadenia chauvetiae*	Endangered	yes	0
Euphorbiaceae	*Pantadenia gervaisii*	Critically Endangered	yes	0
Rubiaceae	*Paracarphalea angulata*	Least Concern	yes	0
Rubiaceae	*Paracarphalea kirondron*	Least Concern	yes	0
Rubiaceae	*Paracarphalea pervilleana*	Least Concern	yes	0
Rubiaceae	*Paracephaelis cinerea*	Least Concern	yes	3
Rubiaceae	*Paracephaelis sericea*	Least Concern	yes	0
Rubiaceae	*Paracorynanthe antankarana*	Vulnerable	yes	0
Rubiaceae	*Paracorynanthe uropetala*	Endangered	yes	0
Chrysobalanaceae	*Parinari curatellifolia*	Least Concern	no	3
Fabaceae	*Parkia madagascariensis*	Vulnerable	yes	0
Passifloraceae	*Paropsia grandiflora*	Vulnerable	yes	0
Passifloraceae	*Paropsia humblotii*	Least Concern	yes	0
Passifloraceae	*Paropsia madagascariensis*	Vulnerable	yes	0
Passifloraceae	*Paropsia obscura*	Vulnerable	yes	0
Passifloraceae	*Paropsia perrieri*	Endangered	yes	0
Rubiaceae	*Pauridiantha paucinervis*	Least Concern *	no	3
Rubiaceae	*Payera decaryi*	Endangered	yes	0
Rubiaceae	*Payera glabrifolia*	Endangered	yes	0
Rubiaceae	*Payera madagascariensis*	Critically Endangered	yes	0
Thymelaeaceae	*Peddiea involucrata*	Least Concern	yes	0
Sarcolaenaceae	*Pentachlaena betamponensis*	Critically Endangered	yes	0
Sarcolaenaceae	*Pentachlaena latifolia*	Endangered	yes	0
Sarcolaenaceae	*Pentachlaena orientalis*	Endangered	yes	0

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Rubiaceae	*Peponidium arenesianum*	Endangered	yes	0
Rubiaceae	*Peponidium buxifolium*	Least Concern	yes	0
Rubiaceae	*Peponidium capuronii*	Endangered	yes	0
Rubiaceae	*Peponidium crassifolium*	Least Concern	yes	0
Rubiaceae	*Peponidium cuspidatum*	Vulnerable	yes	0
Rubiaceae	*Peponidium cystiporon*	Endangered	yes	0
Rubiaceae	*Peponidium densiflorum*	Least Concern	yes	0
Rubiaceae	*Peponidium flavum*	Vulnerable	yes	0
Rubiaceae	*Peponidium homolleae*	Endangered	yes	0
Rubiaceae	*Peponidium horridum*	Least Concern	yes	0
Rubiaceae	*Peponidium humbertianum*	Least Concern	yes	0
Rubiaceae	*Peponidium humbertii*	Vulnerable	yes	0
Rubiaceae	*Peponidium ihosyense*	Critically Endangered	yes	0
Rubiaceae	*Peponidium micranthum*	Least Concern	yes	0
Rubiaceae	*Peponidium orientale*	Endangered	yes	0
Rubiaceae	*Peponidium pallens*	Critically Endangered	yes	0
Rubiaceae	*Peponidium pallidum*	Vulnerable	yes	0
Rubiaceae	*Peponidium pervilleanoides*	Endangered	yes	0
Rubiaceae	*Peponidium pervilleanum*	Vulnerable	yes	0
Rubiaceae	*Peponidium tamatavense*	Vulnerable	yes	1
Rubiaceae	*Peponidium velutinum*	Vulnerable	yes	0
Rubiaceae	*Peponidium viguieri*	Endangered	yes	0
Simaroubaceae	*Perriera madagascariensis*	Least Concern	yes	0
Simaroubaceae	*Perriera orientalis*	Endangered	yes	0
Sarcolaenaceae	*Perrierodendron boinense*	Vulnerable	yes	0
Sarcolaenaceae	*Perrierodendron capuronii*	Endangered	yes	0
Sarcolaenaceae	*Perrierodendron occidentale*	Vulnerable	yes	0
Sarcolaenaceae	*Perrierodendron quartzitorum*	Critically Endangered	yes	0
Sarcolaenaceae	*Perrierodendron rodoense*	Critically Endangered	yes	0
Apocynaceae	*Petchia cryptophlebia*	Least Concern	yes	0
Apocynaceae	*Petchia erythrocarpa*	Least Concern	no	2
Apocynaceae	*Petchia madagascariensis*	Least Concern	yes	1
Apocynaceae	*Petchia montana*	Least Concern	yes	0
Apocynaceae	*Petchia plectaneiifolia*	Endangered	yes	0
Olacaceae	*Phanerodiscus capuronii*	Endangered	yes	0
Olacaceae	*Phanerodiscus diospyroidea*	Vulnerable	yes	0
Olacaceae	*Phanerodiscus perrieri*	Vulnerable	yes	1
Arecaceae	*Phoenix reclinata*	Least Concern	no	112
Phyllanthaceae	*Phyllanthus ambatovolana*	Endangered	yes	0
Phyllanthaceae	*Phyllanthus analamerae*	Endangered	yes	0
Phyllanthaceae	*Phyllanthus bemangidiensis*	Critically Endangered	yes	0
Phyllanthaceae	*Phyllanthus casticum*	Least Concern	no	3
Phyllanthaceae	*Phyllanthus oreichtitus*	Least Concern	yes	0
Phyllanthaceae	*Phyllanthus pervilleanus*	Least Concern	no	0
Bignoniaceae	*Phyllarthron antongiliense*	Endangered *	yes	0
Bignoniaceae	*Phyllarthron articulatum*	Vulnerable	yes	0
Bignoniaceae	*Phyllarthron bilabiatum*	Endangered	yes	0
Bignoniaceae	*Phyllarthron bojeranum*	Least Concern *	yes	1
Bignoniaceae	*Phyllarthron cauliflorum*	Vulnerable *	yes	0
Bignoniaceae	*Phyllarthron ilicifolium*	Endangered	yes	1

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Bignoniaceae	*Phyllarthron laxinervium*	Critically Endangered *	yes	0
Bignoniaceae	*Phyllarthron megaphyllum*	Endangered *	yes	0
Bignoniaceae	*Phyllarthron multiflorum*	Least Concern *	yes	0
Bignoniaceae	*Phyllarthron nocturnum*	Critically Endangered *	yes	0
Bignoniaceae	*Phyllarthron sahamalazensis*	Critically Endangered *	yes	0
Bignoniaceae	*Phyllarthron schatzii*	Critically Endangered *	yes	0
Bignoniaceae	*Phyllarthron suarezense*	Endangered *	yes	0
Bignoniaceae	*Phyllarthron vokoaninensis*	Critically Endangered *	yes	0
Rubiaceae	*Phyllopentas mussaendoides*	Endangered	yes	0
Fabaceae	*Phylloxylon arenicola*	Endangered	yes	0
Fabaceae	*Phylloxylon decipiens*	Endangered	yes	0
Fabaceae	*Phylloxylon perrieri*	Least Concern	yes	0
Fabaceae	*Phylloxylon phillipsonii*	Endangered	yes	0
Fabaceae	*Phylloxylon spinosa*	Vulnerable	yes	0
Fabaceae	*Phylloxylon xiphoclada*	Endangered	yes	0
Fabaceae	*Phylloxylon xylophylloides*	Near Threatened	yes	0
Physenaceae	*Physena madagascariensis*	Least Concern	yes	1
Physenaceae	*Physena sessiliflora*	Least Concern	yes	1
Santalaceae	*Pilgerina madagascariensis*	Near Threatened	yes	0
Nyctaginaceae	*Pisonia aculeata*	Least Concern	no	14
Nyctaginaceae	*Pisonia grandis*	Least Concern *	no	6
Nyctaginaceae	*Pisonia umbellifera*	Least Concern	no	26
Pittosporaceae	*Pittosporum ambrense*	Endangered	yes	1
Pittosporaceae	*Pittosporum bullato-ferrugineum*	Endangered	yes	0
Pittosporaceae	*Pittosporum humbertii*	Endangered	yes	0
Pittosporaceae	*Pittosporum ochrosiifolium*	Least Concern	yes	0
Pittosporaceae	*Pittosporum polyspermum*	Least Concern	yes	1
Pittosporaceae	*Pittosporum senacia*	Least Concern *	no	3
Pittosporaceae	*Pittosporum verticillatum*	Least Concern *	yes	0
Pittosporaceae	*Pittosporum viridiflorum*	Least Concern	no	22
Sapindaceae	*Plagioscyphus calciphilus*	Vulnerable	yes	0
Sapindaceae	*Plagioscyphus cauliflorus*	Endangered	yes	0
Sapindaceae	*Plagioscyphus danguyanus*	Endangered	yes	0
Sapindaceae	*Plagioscyphus humbertii*	Endangered	yes	0
Sapindaceae	*Plagioscyphus jumellei*	Least Concern	yes	1
Sapindaceae	*Plagioscyphus louvelii*	Least Concern	yes	0
Sapindaceae	*Plagioscyphus meridionalis*	Endangered	yes	0
Sapindaceae	*Plagioscyphus unijugatus*	Endangered	yes	0
Podocarpaceae	*Podocarpus capuronii*	Endangered	yes	0
Podocarpaceae	*Podocarpus humbertii*	Endangered	yes	0
Podocarpaceae	*Podocarpus madagascariensis*	Near Threatened	yes	0
Podocarpaceae	*Podocarpus perrieri*	Critically Endangered	yes	0
Podocarpaceae	*Podocarpus rostratus*	Endangered	yes	0
Celastraceae	*Polycardia aquifolium*	Near Threatened	yes	0
Celastraceae	*Polycardia libera*	Least Concern	yes	0
Celastraceae	*Polycardia phyllanthoides*	Near Threatened	yes	0
Araliaceae	*Polyscias aculeata*	Least Concern	yes	1
Araliaceae	*Polyscias amplifolia*	Least Concern	yes	0
Araliaceae	*Polyscias anacardium*	Vulnerable	yes	0
Araliaceae	*Polyscias andraerum*	Near Threatened	yes	0

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Araliaceae	*Polyscias ariadnes*	Least Concern	yes	0
Araliaceae	*Polyscias baehniana*	Vulnerable	yes	0
Araliaceae	*Polyscias boivinii*	Least Concern	yes	0
Araliaceae	*Polyscias briquetiana*	Least Concern	yes	0
Araliaceae	*Polyscias carolorum*	Least Concern	yes	0
Araliaceae	*Polyscias chapelieri*	Least Concern	yes	0
Araliaceae	*Polyscias cissiflora*	Vulnerable	yes	0
Araliaceae	*Polyscias compacta*	Vulnerable	yes	0
Araliaceae	*Polyscias confertifolia*	Vulnerable	yes	0
Araliaceae	*Polyscias cussonioides*	Endangered	yes	0
Araliaceae	*Polyscias duplicata*	Least Concern	no	0
Araliaceae	*Polyscias floccosa*	Near Threatened	yes	1
Araliaceae	*Polyscias fraxinifolia*	Least Concern	yes	1
Araliaceae	*Polyscias heineana*	Vulnerable	yes	0
Araliaceae	*Polyscias humbertiana*	Least Concern	yes	0
Araliaceae	*Polyscias kalabenonensis*	Critically Endangered	yes	0
Araliaceae	*Polyscias leandriana*	Least Concern	yes	0
Araliaceae	*Polyscias madagascariensis*	Least Concern	yes	0
Araliaceae	*Polyscias maralia*	Least Concern	yes	0
Araliaceae	*Polyscias multibracteata*	Least Concern	yes	0
Araliaceae	*Polyscias myrsine*	Least Concern	yes	0
Araliaceae	*Polyscias nossibensis*	Near Threatened	yes	0
Araliaceae	*Polyscias ornifolia*	Least Concern	yes	2
Araliaceae	*Polyscias pachypedicellata*	Endangered	yes	1
Araliaceae	*Polyscias rainaliorum*	Endangered	yes	0
Araliaceae	*Polyscias tafondroensis*	Vulnerable	yes	0
Araliaceae	*Polyscias wohlhauseri*	Critically Endangered	yes	0
Araliaceae	*Polyscias zanthoxyloides*	Least Concern	yes	0
Rubiaceae	*Polysphaeria acuminata*	Least Concern	yes	0
Rubiaceae	*Polysphaeria capuronii*	Vulnerable	yes	0
Rubiaceae	*Polysphaeria grandiflora*	Least Concern	yes	0
Rubiaceae	*Polysphaeria lepidocarpa*	Least Concern	yes	0
Rubiaceae	*Polysphaeria maxima*	Endangered	yes	0
Rubiaceae	*Polysphaeria tubulosa*	Least Concern	yes	0
Fabaceae	*Pongamiopsis amygdalina*	Vulnerable	yes	0
Fabaceae	*Pongamiopsis pervilleana*	Least Concern	yes	1
Fabaceae	*Pongamiopsis viguieri*	Vulnerable	yes	0
Lauraceae	*Potameia antevaratra*	Critically Endangered	yes	0
Lauraceae	*Potameia capuronii*	Endangered	yes	0
Lauraceae	*Potameia chartacea*	Near Threatened	yes	0
Lauraceae	*Potameia confluens*	Least Concern	yes	0
Lauraceae	*Potameia crassifolia*	Vulnerable	yes	0
Lauraceae	*Potameia incisa*	Near Threatened	yes	0
Lauraceae	*Potameia micrantha*	Endangered	yes	0
Lauraceae	*Potameia microphylla*	Vulnerable	yes	0
Lauraceae	*Potameia obtusifolia*	Vulnerable	yes	0
Lauraceae	*Potameia resonjo*	Endangered	yes	0
Lauraceae	*Potameia thouarsii*	Least Concern	yes	0
Lauraceae	*Potameia tomentella*	Endangered	yes	0
Anacardiaceae	*Poupartia chapelieri*	Least Concern	yes	1
Anacardiaceae	*Poupartia minor*	Least Concern	yes	3
Anacardiaceae	*Poupartia orientalis*	Vulnerable	yes	0
Anacardiaceae	*Poupartia silvatica*	Least Concern	yes	2
Anacardiaceae	*Poupartiopsis spondiocarpus*	Vulnerable	yes	0
Urticaceae	*Pouzolzia mandrarensis*	Critically Endangered	yes	1
Lamiaceae	*Premna aureolepidota*	Critically Endangered	yes	0
Lamiaceae	*Premna decaryi*	Endangered	yes	0
Lamiaceae	*Premna humbertii*	Least Concern	yes	0
Lamiaceae	*Premna lepidella*	Endangered	yes	0
Lamiaceae	*Premna longiacuminata*	Endangered	yes	1
Lamiaceae	*Premna longipetiolata*	Vulnerable	yes	1
Lamiaceae	*Premna madagascariensis*	Critically Endangered	yes	0
Lamiaceae	*Premna perplexans*	Least Concern	yes	0
Lamiaceae	*Premna serratifolia*	Least Concern *	no	12
Achariaceae	*Prockiopsis grandis*	Critically Endangered	yes	0
Achariaceae	*Prockiopsis hildebrandtii*	Near Threatened	yes	0

Didiereaceae *(Malin Rivers)*

Dry spiny forest (Malin Rivers)

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Achariaceae	*Prockiopsis orientalis*	Endangered	yes	0
Achariaceae	*Prockiopsis razakamalalae*	Critically Endangered	yes	0
Burseraceae	*Protium beandou*	Near Threatened	yes	1
Burseraceae	*Protium madagascariense*	Least Concern	yes	1
Rosaceae	*Prunus africana*	Vulnerable *	no	20
Rubiaceae	*Pseudomantalania macrophylla*	Endangered	yes	0
Sapindaceae	*Pseudopteris ankaranensis*	Near Threatened	yes	0
Sapindaceae	*Pseudopteris arborea*	Endangered	yes	0
Asteraceae	*Psiadia altissima*	Least Concern	yes	2
Hypericaceae	*Psorospermum atrorufum*	Endangered *	yes	0
Hypericaceae	*Psorospermum brachypodum*	Vulnerable *	yes	0
Hypericaceae	*Psorospermum bullatum*	Endangered *	yes	0
Hypericaceae	*Psorospermum cerasifolium*	Least Concern *	yes	1
Hypericaceae	*Psorospermum cornifolium*	Critically Endangered *	yes	0
Hypericaceae	*Psorospermum sexlineatum*	Critically Endangered *	yes	0
Rubiaceae	*Psychotria abrahamii*	Endangered	yes	0
Rubiaceae	*Psychotria batopedina*	Endangered	yes	0
Rubiaceae	*Psychotria glaucifolia*	Least Concern	yes	0
Rubiaceae	*Psychotria humblotii*	Vulnerable	yes	0
Rubiaceae	*Psychotria kentii*	Endangered	yes	0
Rubiaceae	*Psychotria megalocarpa*	Vulnerable	yes	0
Rubiaceae	*Psychotria menalohensis*	Data Deficient	yes	0
Rubiaceae	*Psychotria nossibensis*	Endangered	yes	0
Rubiaceae	*Psychotria rosella*	Vulnerable	yes	0
Rubiaceae	*Psychotria rufovillosa*	Least Concern	yes	0
Rubiaceae	*Psychotria trichantha*	Endangered	yes	0
Rubiaceae	*Psydrax esirensis*	Endangered	yes	0
Malvaceae	*Pterygota madagascariensis*	Endangered	yes	0
Malvaceae	*Pterygota perrieri*	Least Concern	yes	0
Fabaceae	*Pyranthus alasoa*	Vulnerable	yes	0
Fabaceae	*Pyranthus tullearensis*	Vulnerable	yes	0
Rubiaceae	*Pyrostria alaotrensis*	Endangered	yes	0
Rubiaceae	*Pyrostria analamazaotrensis*	Endangered	yes	0
Rubiaceae	*Pyrostria andilanensis*	Vulnerable	yes	0
Rubiaceae	*Pyrostria andringitrensis*	Endangered	yes	0
Rubiaceae	*Pyrostria bibracteata*	Least Concern *	no	2
Rubiaceae	*Pyrostria isomonensis*	Endangered	yes	0
Rubiaceae	*Pyrostria ixorifolia*	Vulnerable	yes	0
Rubiaceae	*Pyrostria madagascariensis*	Endangered	yes	0
Rubiaceae	*Pyrostria major*	Least Concern	yes	0
Rubiaceae	*Pyrostria mandrarensis*	Least Concern	yes	0
Rubiaceae	*Pyrostria media*	Least Concern	yes	1
Rubiaceae	*Pyrostria montana*	Endangered	yes	1
Rubiaceae	*Pyrostria perrieri*	Vulnerable	yes	0
Rubiaceae	*Pyrostria sambavensis*	Vulnerable	yes	0
Rubiaceae	*Pyrostria urschii*	Vulnerable	yes	0
Rubiaceae	*Pyrostria variistipula*	Endangered	yes	0
Rubiaceae	*Pyrostria verdcourtii*	Endangered	yes	0
Simaroubaceae	*Quassia indica*	Least Concern	no	3
Meliaceae	*Quivisianthe papinae*	Least Concern	yes	0
Primulaceae	*Rapanea erythroxyloides*	Near Threatened *	yes	0
Apocynaceae	*Rauvolfia capuronii*	Endangered	yes	0
Apocynaceae	*Rauvolfia media*	Least Concern *	no	1
Apocynaceae	*Rauvolfia obtusiflora*	Least Concern	yes	0
Strelitziaceae	*Ravenala madagascariensis*	Least Concern *	yes	101
Arecaceae	*Ravenea albicans*	Endangered	yes	2
Arecaceae	*Ravenea beentjei*	Critically Endangered	yes	0
Arecaceae	*Ravenea dransfieldii*	Endangered	yes	5
Arecaceae	*Ravenea glauca*	Vulnerable	yes	21
Arecaceae	*Ravenea hypoleuca*	Critically Endangered	yes	0
Arecaceae	*Ravenea julietiae*	Endangered	yes	5
Arecaceae	*Ravenea krociana*	Endangered	yes	2
Arecaceae	*Ravenea lakatra*	Critically Endangered	yes	5
Arecaceae	*Ravenea latisecta*	Critically Endangered	yes	1
Arecaceae	*Ravenea louvelii*	Critically Endangered	yes	4
Arecaceae	*Ravenea madagascariensis*	Least Concern	yes	5
Arecaceae	*Ravenea musicalis*	Critically Endangered	yes	0
Arecaceae	*Ravenea rivularis*	Vulnerable	yes	60
Arecaceae	*Ravenea robustior*	Near Threatened	yes	6
Arecaceae	*Ravenea sambiranensis*	Least Concern	yes	6
Arecaceae	*Ravenea xerophila*	Vulnerable	yes	18
Rubiaceae	*Razafimandimbisonia humblotii*	Least Concern	yes	0
Rubiaceae	*Razafimandimbisonia minor*	Least Concern	yes	1
Rubiaceae	*Razafimandimbisonia orientalis*	Vulnerable	yes	0
Rubiaceae	*Razafimandimbisonia regalis*	Critically Endangered	yes	0
Rubiaceae	*Razafimandimbisonia sambiranensis*	Least Concern	yes	0
Bignoniaceae	*Rhigozum madagascariense*	Least Concern	yes	3
Rhizophoraceae	*Rhizophora mucronata*	Least Concern	no	11
Bignoniaceae	*Rhodocolea boivinii*	Data Deficient *	yes	0
Bignoniaceae	*Rhodocolea humbertii*	Endangered *	yes	0
Bignoniaceae	*Rhodocolea involucrata*	Vulnerable *	yes	0
Bignoniaceae	*Rhodocolea lemuriphila*	Endangered *	yes	0
Bignoniaceae	*Rhodocolea magnifica*	Endangered *	yes	0
Bignoniaceae	*Rhodocolea multiflora*	Data Deficient *	yes	0
Bignoniaceae	*Rhodocolea perrieri*	Endangered *	yes	0
Bignoniaceae	*Rhodocolea racemosa*	Vulnerable *	yes	1
Bignoniaceae	*Rhodocolea ranirisonii*	Endangered	yes	0
Bignoniaceae	*Rhodocolea telfairiae*	Vulnerable	yes	0
Sarcolaenaceae	*Rhodolaena acutifolia*	Vulnerable	yes	0
Sarcolaenaceae	*Rhodolaena altivola*	Vulnerable	yes	0
Sarcolaenaceae	*Rhodolaena bakeriana*	Least Concern	yes	0
Sarcolaenaceae	*Rhodolaena coriacea*	Least Concern	yes	0
Sarcolaenaceae	*Rhodolaena humblotii*	Least Concern	yes	0
Sarcolaenaceae	*Rhodolaena leroyana*	Vulnerable	yes	0
Sarcolaenaceae	*Rhodolaena macrocarpa*	Endangered	yes	0
Sphaerosepalaceae	*Rhopalocarpus alternifolius*	Least Concern	yes	0
Sphaerosepalaceae	*Rhopalocarpus binervius*	Vulnerable	yes	0
Sphaerosepalaceae	*Rhopalocarpus coriaceus*	Least Concern	yes	0
Sphaerosepalaceae	*Rhopalocarpus crassinervius*	Vulnerable	yes	0
Sphaerosepalaceae	*Rhopalocarpus excelsus*	Vulnerable	yes	0

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Sphaerosepalaceae	*Rhopalocarpus longipetiolatus*	Vulnerable	yes	2
Sphaerosepalaceae	*Rhopalocarpus louvelii*	Least Concern	yes	0
Sphaerosepalaceae	*Rhopalocarpus lucidus*	Least Concern	yes	3
Sphaerosepalaceae	*Rhopalocarpus macrorhamnifolius*	Least Concern	yes	0
Sphaerosepalaceae	*Rhopalocarpus mollis*	Endangered	yes	0
Sphaerosepalaceae	*Rhopalocarpus parvifolius*	Endangered	yes	0
Sphaerosepalaceae	*Rhopalocarpus randrianaivoi*	Endangered	yes	0
Sphaerosepalaceae	*Rhopalocarpus similis*	Least Concern	yes	1
Sphaerosepalaceae	*Rhopalocarpus suarezensis*	Vulnerable	yes	0
Sphaerosepalaceae	*Rhopalocarpus thouarsianus*	Vulnerable	yes	1
Sphaerosepalaceae	*Rhopalocarpus triplinervius*	Vulnerable	yes	1
Sphaerosepalaceae	*Rhopalocarpus undulatus*	Vulnerable	yes	0
Anacardiaceae	*Rhus perrieri*	Least Concern	yes	0
Anacardiaceae	*Rhus thouarsii*	Least Concern	yes	0
Violaceae	*Rinorea angustifolia*	Least Concern	no	1
Violaceae	*Rinorea arborea*	Least Concern *	no	0
Violaceae	*Rinorea bullata*	Endangered	yes	0
Violaceae	*Rinorea greveana*	Least Concern	yes	1
Violaceae	*Rinorea ilicifolia*	Least Concern *	no	1
Violaceae	*Rinorea pugionifera*	Least Concern	yes	0
Violaceae	*Rinorea rubra*	Endangered	yes	0
Violaceae	*Rinorea urschii*	Near Threatened	yes	0
Rubiaceae	*Robbrechtia grandifolia*	Least Concern	yes	0
Connaraceae	*Rourea minor*	Least Concern *	no	7
Connaraceae	*Rourea orientalis*	Least Concern	no	1
Melastomataceae	*Rousseauxia chrysophylla*	Vulnerable	yes	0
Melastomataceae	*Rousseauxia tamatavensis*	Endangered	yes	0
Fabaceae	*Sakoanala madagascariensis*	Endangered	yes	0
Fabaceae	*Sakoanala villosa*	Vulnerable	yes	0
Salvadoraceae	*Salvadora angustifolia*	Least Concern	no	4
Celastraceae	*Salvadoropsis arenicola*	Endangered	yes	2
Sarcolaenaceae	*Sarcolaena codonochlamys*	Near Threatened	yes	1
Sarcolaenaceae	*Sarcolaena delphinensis*	Endangered	yes	0
Sarcolaenaceae	*Sarcolaena eriophora*	Near Threatened	yes	0
Sarcolaenaceae	*Sarcolaena grandiflora*	Vulnerable	yes	1
Sarcolaenaceae	*Sarcolaena isaloensis*	Critically Endangered	yes	0
Sarcolaenaceae	*Sarcolaena multiflora*	Least Concern	yes	0
Sarcolaenaceae	*Sarcolaena oblongifolia*	Least Concern	yes	1
Arecaceae	*Satranala decussilvae*	Endangered	yes	2
Rubiaceae	*Schismatoclada farahimpensis*	Least Concern	yes	0
Rubiaceae	*Schismatoclada psychotrioides*	Least Concern	yes	0
Rubiaceae	*Schismatoclada villiflora*	Critically Endangered	yes	0
Rubiaceae	*Schizenterospermum analamerense*	Critically Endangered	yes	0
Rubiaceae	*Schizenterospermum rotundifolium*	Vulnerable	yes	0
Sarcolaenaceae	*Schizolaena capuronii*	Endangered	yes	0
Sarcolaenaceae	*Schizolaena cauliflora*	Least Concern	yes	1
Sarcolaenaceae	*Schizolaena cavacoana*	Endangered	yes	0
Sarcolaenaceae	*Schizolaena charlotteae*	Endangered	yes	0
Sarcolaenaceae	*Schizolaena elongata*	Least Concern	yes	0
Sarcolaenaceae	*Schizolaena exinvolucrata*	Least Concern	yes	0
Sarcolaenaceae	*Schizolaena gereaui*	Least Concern	yes	0
Sarcolaenaceae	*Schizolaena hystrix*	Least Concern	yes	0
Sarcolaenaceae	*Schizolaena isaloensis*	Endangered	yes	0
Sarcolaenaceae	*Schizolaena manomboensis*	Endangered	yes	0
Sarcolaenaceae	*Schizolaena masoalensis*	Endangered	yes	0
Sarcolaenaceae	*Schizolaena microphylla*	Vulnerable	yes	0
Sarcolaenaceae	*Schizolaena milleri*	Endangered	yes	0
Hamamelidaceae	*Schizolaena noronhae*	Endangered	yes	0
Sarcolaenaceae	*Schizolaena parviflora*	Vulnerable	yes	1
Sarcolaenaceae	*Schizolaena parvipetala*	Endangered	yes	0
Sarcolaenaceae	*Schizolaena pectinata*	Vulnerable	yes	1
Sarcolaenaceae	*Schizolaena raymondii*	Critically Endangered	yes	0
Sarcolaenaceae	*Schizolaena rosea*	Vulnerable	yes	0
Sarcolaenaceae	*Schizolaena tampoketsana*	Critically Endangered	yes	0
Sarcolaenaceae	*Schizolaena turkii*	Endangered	yes	0
Sarcolaenaceae	*Schizolaena viscosa*	Vulnerable	yes	0
Oleaceae	*Schrebera capuronii*	Vulnerable	yes	0
Oleaceae	*Schrebera orientalis*	Endangered	yes	0
Anacardiaceae	*Sclerocarya birrea*	Least Concern *	no	17
Euphorbiaceae	*Sclerocroton melanostictus*	Least Concern	yes	1
Salicaceae	*Scolopia delphinensis*	Endangered	yes	0
Salicaceae	*Scolopia erythrocarpa*	Endangered	yes	0
Salicaceae	*Scolopia hazomby*	Least Concern	yes	0
Salicaceae	*Scolopia inappendiculata*	Endangered	yes	0
Salicaceae	*Scolopia madagascariensis*	Vulnerable	yes	0
Salicaceae	*Scolopia manongarivae*	Near Threatened	yes	0
Salicaceae	*Scolopia meridionalis*	Endangered	yes	0
Salicaceae	*Scolopia montana*	Near Threatened	yes	0
Salicaceae	*Scolopia orientalis*	Vulnerable	yes	0
Salicaceae	*Scolopia septentrionalis*	Critically Endangered	yes	0
Salicaceae	*Scolopia taimbarina*	Vulnerable	yes	0
Salicaceae	*Scolopia thouvenotii*	Near Threatened	yes	0
Rhamnaceae	*Scutia myrtina*	Least Concern	no	8
Apocynaceae	*Secamone nervosa*	Endangered	yes	0
Phyllanthaceae	*Securinega antsingyensis*	Endangered	yes	0
Phyllanthaceae	*Securinega capuronii*	Least Concern	yes	0
Phyllanthaceae	*Securinega durissima*	Least Concern	no	3
Phyllanthaceae	*Securinega perrieri*	Least Concern	yes	0
Phyllanthaceae	*Securinega seyrigii*	Least Concern	yes	0
Fabaceae	*Senegalia menabeensis*	Endangered *	yes	1
Fabaceae	*Senegalia rovumae*	Least Concern	no	1
Fabaceae	*Senna ankaranensis*	Endangered	yes	0
Fabaceae	*Senna anthoxantha*	Least Concern	yes	2
Fabaceae	*Senna bosseri*	Endangered	yes	0
Fabaceae	*Senna lactea*	Least Concern	yes	1
Fabaceae	*Senna leandrii*	Least Concern	yes	1
Fabaceae	*Senna meridionalis*	Vulnerable	yes	8
Fabaceae	*Senna perrieri*	Endangered	yes	0
Fabaceae	*Senna petersiana*	Least Concern	no	7
Fabaceae	*Senna suarezensis*	Critically Endangered	yes	0

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Fabaceae	*Senna viguierella*	Least Concern	yes	2
Sapotaceae	*Sideroxylon beguei*	Data Deficient *	yes	1
Sapotaceae	*Sideroxylon betsimisarakum*	Data Deficient *	yes	0
Sapotaceae	*Sideroxylon capuronii*	Data Deficient *	yes	0
Sapotaceae	*Sideroxylon gerrardianum*	Vulnerable	yes	0
Sapotaceae	*Sideroxylon saxorum*	Vulnerable	yes	2
Sapotaceae	*Sideroxylon tambolokoko*	Data Deficient *	yes	0
Elaeocarpaceae	*Sloanea bathiei*	Critically Endangered	yes	0
Elaeocarpaceae	*Sloanea longisepala*	Vulnerable	yes	0
Elaeocarpaceae	*Sloanea rhodantha*	Least Concern	yes	0
Solanaceae	*Solanum anguivi*	Least Concern *	no	10
Solanaceae	*Solanum croatii*	Vulnerable	yes	1
Solanaceae	*Solanum heinianum*	Least Concern	yes	1
Solanaceae	*Solanum myoxotrichum*	Least Concern	yes	1
Lythraceae	*Sonneratia alba*	Least Concern	no	1
Fabaceae	*Sophora inhambanensis*	Least Concern *	no	2
Fabaceae	*Sophora tomentosa*	Least Concern	no	34
Anacardiaceae	*Sorindeia madagascariensis*	Least Concern *	no	6
Malvaceae	*Sparrmannia discolor*	Vulnerable	yes	1
Malvaceae	*Sparrmannia ricinocarpa*	Least Concern *	no	15
Menispermaceae	*Spirospermum penduliflorum*	Least Concern	yes	0
Anacardiaceae	*Spondias tefyi*	Vulnerable	yes	0
Picrodendraceae	*Stachyandra imberbis*	Critically Endangered	yes	0
Picrodendraceae	*Stachyandra merana*	Endangered	yes	0
Picrodendraceae	*Stachyandra rufibarbis*	Endangered	yes	0
Picrodendraceae	*Stachyandra viticifolia*	Endangered	yes	0
Sapindaceae	*Stadtmannia acuminata*	Endangered	yes	0
Sapindaceae	*Stadtmannia excelsa*	Endangered	yes	0
Sapindaceae	*Stadtmannia glauca*	Endangered	yes	0
Sapindaceae	*Stadtmannia leandrii*	Endangered	yes	0
Sapindaceae	*Stadtmannia oppositifolia*	Least Concern *	no	0
Sapindaceae	*Stadtmannia serrulata*	Endangered	yes	0
Santalaceae	*Staufferia capuronii*	Vulnerable	yes	0
Thymelaeaceae	*Stephanodaphne cremostachya*	Vulnerable	yes	1
Thymelaeaceae	*Stephanodaphne cuspidata*	Vulnerable	yes	0
Thymelaeaceae	*Stephanodaphne geminata*	Least Concern	yes	0
Thymelaeaceae	*Stephanodaphne humbertii*	Endangered	yes	0
Thymelaeaceae	*Stephanodaphne pedicellata*	Endangered	yes	0
Thymelaeaceae	*Stephanodaphne perrieri*	Critically Endangered	yes	0
Thymelaeaceae	*Stephanodaphne pilosa*	Least Concern	yes	0
Thymelaeaceae	*Stephanodaphne schatzii*	Endangered	yes	0
Apocynaceae	*Stephanostegia capuronii*	Least Concern	yes	0
Apocynaceae	*Stephanostegia hildebrandtii*	Least Concern	yes	1
Malvaceae	*Sterculia cheekii*	Endangered	yes	0
Malvaceae	*Sterculia tavia*	Least Concern *	yes	0
Bignoniaceae	*Stereospermum arcuatum*	Vulnerable	yes	1
Bignoniaceae	*Stereospermum boivini*	Endangered	yes	0
Bignoniaceae	*Stereospermum euphorioides*	Least Concern	yes	7
Bignoniaceae	*Stereospermum gentryi*	Critically Endangered	yes	0
Bignoniaceae	*Stereospermum hildebrandtii*	Vulnerable	yes	0
Bignoniaceae	*Stereospermum longiflorum*	Vulnerable	yes	0
Bignoniaceae	*Stereospermum nematocarpum*	Least Concern	yes	3
Bignoniaceae	*Stereospermum randrianaivoi*	Endangered	yes	0
Bignoniaceae	*Stereospermum rhoifolium*	Endangered	yes	0
Bignoniaceae	*Stereospermum tomentosum*	Endangered	yes	0
Bignoniaceae	*Stereospermum undatum*	Least Concern	yes	0
Bignoniaceae	*Stereospermum variabile*	Least Concern	yes	3
Moraceae	*Streblus dimepate*	Least Concern	yes	2
Moraceae	*Streblus mauritianus*	Least Concern *	no	1
Apocynaceae	*Strophanthus boivinii*	Least Concern	yes	10
Menispermaceae	*Strychnopsis thouarsii*	Least Concern	yes	0
Loganiaceae	*Strychnos bifurcata*	Endangered	yes	0
Loganiaceae	*Strychnos decussata*	Least Concern	no	3
Loganiaceae	*Strychnos henningsii*	Least Concern	no	6
Loganiaceae	*Strychnos spinosa*	Least Concern *	no	23
Loganiaceae	*Strychnos usambarensis*	Least Concern *	no	4
Fabaceae	*Stuhlmannia moavi*	Least Concern *	no	2
Euphorbiaceae	*Suregada adenophora*	Least Concern	yes	0
Euphorbiaceae	*Suregada boiviniana*	Least Concern	yes	1
Euphorbiaceae	*Suregada bracteata*	Endangered	yes	0
Euphorbiaceae	*Suregada capuronii*	Vulnerable	yes	1
Euphorbiaceae	*Suregada celastroides*	Endangered	yes	0
Euphorbiaceae	*Suregada decidua*	Least Concern	yes	1
Euphorbiaceae	*Suregada eucleoides*	Vulnerable	yes	0
Euphorbiaceae	*Suregada gaultheriifolia*	Endangered	yes	2
Euphorbiaceae	*Suregada grandiflora*	Critically Endangered	yes	0
Euphorbiaceae	*Suregada humbertii*	Critically Endangered	yes	0
Euphorbiaceae	*Suregada laurina*	Vulnerable	yes	0
Euphorbiaceae	*Suregada nigricaulis*	Endangered	yes	0
Euphorbiaceae	*Suregada perrieri*	Endangered	yes	0
Surianaceae	*Suriana maritima*	Least Concern	no	14
Fabaceae	*Sylvichadsia grandidieri*	Endangered	yes	0
Fabaceae	*Sylvichadsia grandifolia*	Vulnerable	yes	0
Clusiaceae	*Symphonia eugenioides*	Vulnerable	yes	0
Clusiaceae	*Symphonia fasciculata*	Vulnerable	yes	0
Clusiaceae	*Symphonia globulifera*	Least Concern	no	12
Clusiaceae	*Symphonia gymnoclada*	Least Concern	yes	0
Clusiaceae	*Symphonia lepidocarpa*	Vulnerable	yes	0
Clusiaceae	*Symphonia linearis*	Vulnerable	yes	0
Clusiaceae	*Symphonia louvelii*	Least Concern	yes	0
Clusiaceae	*Symphonia microphylla*	Least Concern	yes	0
Clusiaceae	*Symphonia nectarifera*	Least Concern	yes	0
Clusiaceae	*Symphonia oligantha*	Endangered	yes	0
Clusiaceae	*Symphonia pauciflora*	Least Concern	yes	0
Clusiaceae	*Symphonia sessiliflora*	Vulnerable	yes	0
Clusiaceae	*Symphonia tanalensis*	Least Concern	yes	0
Clusiaceae	*Symphonia urophylla*	Least Concern	yes	0
Clusiaceae	*Symphonia verrucosa*	Least Concern	yes	0
Myrtaceae	*Syzygium aurantiacum*	Endangered	yes	0
Myrtaceae	*Syzygium bernieri*	Least Concern	yes	1

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Myrtaceae	*Syzygium condensatum*	Vulnerable	yes	0
Myrtaceae	*Syzygium danguyanum*	Vulnerable	yes	0
Myrtaceae	*Syzygium emirnense*	Least Concern	yes	1
Myrtaceae	*Syzygium loiseleurioides*	Endangered *	yes	0
Myrtaceae	*Syzygium lugubre*	Endangered	yes	0
Myrtaceae	*Syzygium micropodum*	Least Concern	yes	0
Myrtaceae	*Syzygium onivense*	Endangered	yes	0
Myrtaceae	*Syzygium parkeri*	Least Concern	yes	0
Myrtaceae	*Syzygium phillyreifolium*	Least Concern	yes	1
Myrtaceae	*Syzygium sakalavarum*	Least Concern	yes	1
Myrtaceae	*Syzygium sambiranense*	Data Deficient	yes	0
Myrtaceae	*Syzygium tapiaka*	Critically Endangered	yes	0
Myrtaceae	*Syzygium thouvenotii*	Least Concern	yes	0
Apocynaceae	*Tabernaemontana calcarea*	Least Concern	yes	0
Apocynaceae	*Tabernaemontana capuronii*	Critically Endangered	yes	0
Apocynaceae	*Tabernaemontana ciliata*	Least Concern	yes	0
Apocynaceae	*Tabernaemontana coffeoides*	Least Concern	no	2
Apocynaceae	*Tabernaemontana crassifolia*	Least Concern	yes	0
Apocynaceae	*Tabernaemontana debrayi*	Endangered	yes	0
Apocynaceae	*Tabernaemontana eusepala*	Least Concern	yes	0
Apocynaceae	*Tabernaemontana eusepaloides*	Vulnerable	yes	0
Apocynaceae	*Tabernaemontana humblotii*	Least Concern	yes	0
Apocynaceae	*Tabernaemontana mocquerysii*	Least Concern	yes	0
Apocynaceae	*Tabernaemontana phymata*	Least Concern	yes	0
Apocynaceae	*Tabernaemontana retusa*	Least Concern	yes	3
Apocynaceae	*Tabernaemontana sambiranensis*	Vulnerable	yes	0
Apocynaceae	*Tabernaemontana sessilifolia*	Least Concern	yes	0
Apocynaceae	*Tabernaemontana stellata*	Vulnerable	yes	0
Arecaceae	*Tahina spectabilis*	Critically Endangered	yes	24
Winteraceae	*Takhtajania perrieri*	Endangered	yes	0
Fabaceae	*Tamarindus indica*	Least Concern	no	127
Monimiaceae	*Tambourissa alaticarpa*	Endangered	yes	0
Monimiaceae	*Tambourissa bathiei*	Data Deficient	yes	0
Monimiaceae	*Tambourissa beanjadensis*	Endangered	yes	0
Monimiaceae	*Tambourissa bosseri*	Endangered	yes	0
Monimiaceae	*Tambourissa capuronii*	Vulnerable	yes	0
Monimiaceae	*Tambourissa castri-delphinii*	Least Concern	yes	0
Monimiaceae	*Tambourissa decaryana*	Endangered	yes	0
Monimiaceae	*Tambourissa dorrii*	Critically Endangered	yes	0
Monimiaceae	*Tambourissa floricostata*	Critically Endangered	yes	0
Monimiaceae	*Tambourissa gracilis*	Endangered	yes	0
Monimiaceae	*Tambourissa hildebrandtii*	Least Concern	yes	0
Monimiaceae	*Tambourissa humbertii*	Least Concern	yes	0
Monimiaceae	*Tambourissa lastelliana*	Endangered	yes	0
Monimiaceae	*Tambourissa longicarpa*	Vulnerable	yes	0
Monimiaceae	*Tambourissa madagascariensis*	Near Threatened	yes	0
Monimiaceae	*Tambourissa mandrarensis*	Data Deficient	yes	0
Monimiaceae	*Tambourissa manongarivensis*	Vulnerable	yes	0
Monimiaceae	*Tambourissa masoalensis*	Endangered	yes	0
Monimiaceae	*Tambourissa nicolliae*	Near Threatened	yes	0
Monimiaceae	*Tambourissa nitida*	Endangered	yes	0
Monimiaceae	*Tambourissa nosybensis*	Critically Endangered	yes	0
Monimiaceae	*Tambourissa parvifolia*	Vulnerable	yes	0
Monimiaceae	*Tambourissa perrieri*	Endangered	yes	0
Monimiaceae	*Tambourissa purpurea*	Least Concern	yes	4
Monimiaceae	*Tambourissa rakotozafyi*	Endangered	yes	0
Monimiaceae	*Tambourissa religiosa*	Least Concern	yes	2
Monimiaceae	*Tambourissa thouvenotii*	Least Concern	yes	0
Monimiaceae	*Tambourissa trichophylla*	Least Concern	yes	0
Monimiaceae	*Tambourissa uapacifolia*	Vulnerable	yes	1
Euphorbiaceae	*Tannodia cordifolia*	Least Concern	no	0
Euphorbiaceae	*Tannodia grandiflora*	Endangered	yes	0
Euphorbiaceae	*Tannodia obovata*	Endangered	yes	0
Euphorbiaceae	*Tannodia pennivenia*	Endangered	yes	0
Euphorbiaceae	*Tannodia perrieri*	Vulnerable	yes	0
Rubiaceae	*Tarenna capuroniana*	Least Concern	yes	0
Rubiaceae	*Tarenna spiranthera*	Least Concern	yes	0
Rubiaceae	*Tarenna thouarsiana*	Least Concern	yes	0
Fabaceae	*Tephrosia phylloxylon*	Endangered	yes	0
Fabaceae	*Tephrosia pungens*	Near Threatened	yes	1
Combretaceae	*Terminalia ankaranensis*	Vulnerable	yes	1
Combretaceae	*Terminalia belini*	Endangered	yes	0
Combretaceae	*Terminalia boivinii*	Least Concern	no	2
Combretaceae	*Terminalia calcicola*	Least Concern	yes	2
Combretaceae	*Terminalia calophylla*	Vulnerable	yes	0
Combretaceae	*Terminalia catappa*	Least Concern	no	88
Combretaceae	*Terminalia cephalota*	Endangered	yes	0
Combretaceae	*Terminalia crenata*	Vulnerable	yes	0
Combretaceae	*Terminalia cyanocarpa*	Least Concern	yes	1
Combretaceae	*Terminalia disjuncta*	Least Concern	yes	1
Combretaceae	*Terminalia diversipilosa*	Vulnerable	yes	0
Combretaceae	*Terminalia exelliana*	Critically Endangered	yes	0
Combretaceae	*Terminalia exsculpta*	Endangered	yes	0
Combretaceae	*Terminalia fatraea*	Least Concern	yes	1
Combretaceae	*Terminalia gracilipes*	Vulnerable	yes	2
Combretaceae	*Terminalia leandriana*	Least Concern	yes	0
Combretaceae	*Terminalia mantaliopsis*	Least Concern	yes	1
Combretaceae	*Terminalia mantaly*	Least Concern	yes	11
Combretaceae	*Terminalia monoceros*	Vulnerable	yes	1
Combretaceae	*Terminalia namorokensis*	Vulnerable	yes	0
Combretaceae	*Terminalia neotaliala*	Vulnerable	yes	7
Combretaceae	*Terminalia ombrophila*	Near Threatened	yes	0
Combretaceae	*Terminalia pauciflora*	Endangered	yes	0
Combretaceae	*Terminalia perrieri*	Vulnerable	yes	1
Combretaceae	*Terminalia rhopalophora*	Endangered	yes	1
Combretaceae	*Terminalia rufovestita*	Vulnerable	yes	0
Combretaceae	*Terminalia septentrionalis*	Near Threatened	yes	0
Combretaceae	*Terminalia seyrigii*	Least Concern	yes	1
Combretaceae	*Terminalia subserrata*	Vulnerable	yes	1
Combretaceae	*Terminalia sulcata*	Vulnerable	yes	1

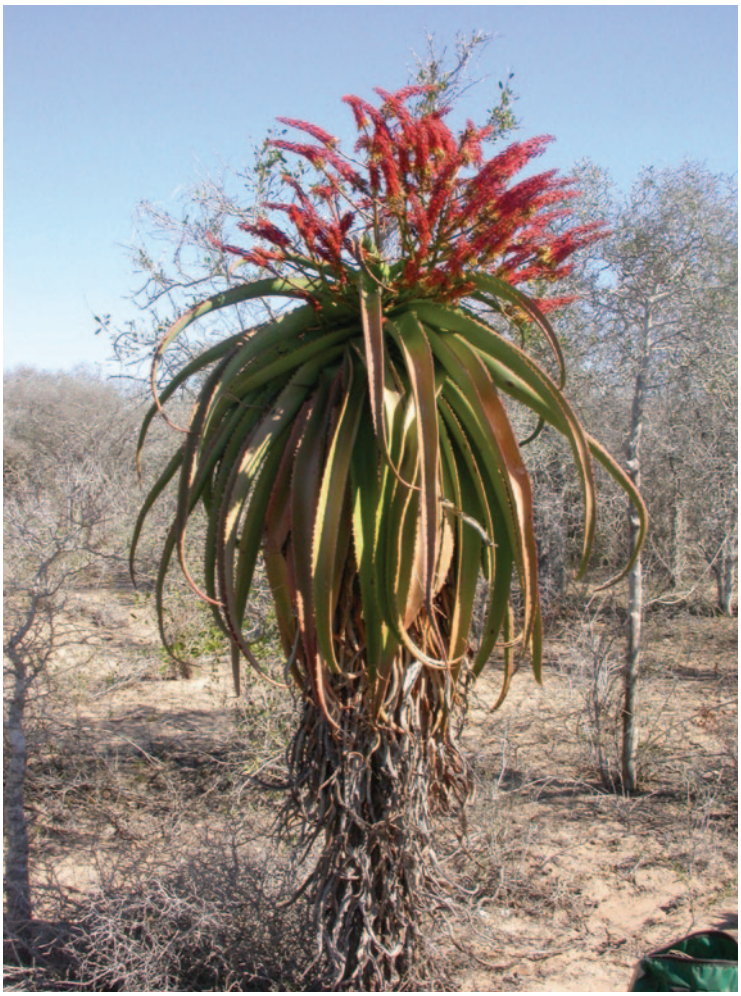
Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Combretaceae	*Terminalia tetrandra*	Vulnerable	yes	0
Combretaceae	*Terminalia tricristata*	Least Concern	yes	1
Combretaceae	*Terminalia tropophylla*	Least Concern	yes	1
Combretaceae	*Terminalia ulexoides*	Least Concern *	no	1
Combretaceae	*Terminalia urschii*	Endangered	yes	0
Fabaceae	*Tetrapterocarpon geayi*	Least Concern	yes	2
Fabaceae	*Tetrapterocarpon septentrionalis*	Endangered	yes	1
Phyllanthaceae	*Thecacoris cometia*	Endangered	yes	0
Phyllanthaceae	*Thecacoris humbertii*	Endangered	yes	0
Phyllanthaceae	*Thecacoris madagascariensis*	Least Concern	yes	0
Phyllanthaceae	*Thecacoris perrieri*	Least Concern	yes	0
Malvaceae	*Thespesia gummiflua*	Endangered	yes	0
Malvaceae	*Thespesia populnea*	Least Concern	no	48
Capparaceae	*Thilachium humbertii*	Data Deficient	yes	0
Capparaceae	*Thilachium laurifolium*	Least Concern	yes	0
Capparaceae	*Thilachium monophyllum*	Least Concern	yes	0
Capparaceae	*Thilachium pouponii*	Least Concern	yes	1
Capparaceae	*Thilachium seyrigii*	Least Concern	yes	1
Sapindaceae	*Tina antongiliensis*	Vulnerable	yes	0
Sapindaceae	*Tina apiculata*	Least Concern	yes	0
Sapindaceae	*Tina chapelieriana*	Least Concern	yes	1
Sapindaceae	*Tina chrysophylla*	Endangered	yes	0
Sapindaceae	*Tina conjugata*	Least Concern	yes	1
Sapindaceae	*Tina coursii*	Vulnerable	yes	1
Sapindaceae	*Tina dasycarpa*	Vulnerable	yes	0
Sapindaceae	*Tina dissitiflora*	Least Concern	yes	0
Sapindaceae	*Tina fulvinervis*	Near Threatened	yes	0
Sapindaceae	*Tina isaloensis*	Least Concern	yes	0
Sapindaceae	*Tina isoneura*	Least Concern	yes	0
Sapindaceae	*Tina macrocarpa*	Vulnerable	yes	0
Sapindaceae	*Tina phellocarpa*	Least Concern	yes	0
Sapindaceae	*Tina striata*	Least Concern	yes	0
Sapindaceae	*Tina suarezensis*	Endangered	yes	0
Sapindaceae	*Tina tamatavensis*	Endangered	yes	0
Sapindaceae	*Tina thouarsiana*	Least Concern	yes	0
Sapindaceae	*Tina urschii*	Endangered	yes	0
Sapindaceae	*Tina vadonii*	Vulnerable	yes	0
Salicaceae	*Tisonia baillonii*	Vulnerable	yes	0
Salicaceae	*Tisonia baronii*	Near Threatened	yes	0
Salicaceae	*Tisonia capuronii*	Endangered	yes	0
Salicaceae	*Tisonia cloiselii*	Data Deficient	yes	0
Salicaceae	*Tisonia coriacea*	Least Concern	yes	0
Salicaceae	*Tisonia ficulnea*	Near Threatened	yes	0
Salicaceae	*Tisonia glabrata*	Endangered	yes	0
Salicaceae	*Tisonia humbertii*	Vulnerable	yes	0
Salicaceae	*Tisonia keraudrenae*	Endangered	yes	0
Salicaceae	*Tisonia leandriana*	Endangered	yes	0
Salicaceae	*Tisonia rubescens*	Endangered	yes	0
Boraginaceae	*Tournefortia puberula*	Least Concern	yes	1
Moraceae	*Treculia africana*	Least Concern *	no	23
Cannabaceae	*Trema orientale*	Least Concern	no	1
Rubiaceae	*Triainolepis africana*	Least Concern *	no	1
Rubiaceae	*Triainolepis emirnensis*	Vulnerable	yes	0
Rubiaceae	*Tricalysia ambrensis*	Near Threatened	yes	0
Rubiaceae	*Tricalysia boiviniana*	Least Concern	yes	1
Rubiaceae	*Tricalysia cryptocalyx*	Least Concern	yes	2
Rubiaceae	*Tricalysia dauphinensis*	Vulnerable	yes	1
Rubiaceae	*Tricalysia humbertii*	Endangered	yes	1
Rubiaceae	*Tricalysia leucocarpa*	Vulnerable	yes	0
Rubiaceae	*Tricalysia madagascariensis*	Vulnerable	yes	0
Rubiaceae	*Tricalysia majungensis*	Least Concern	yes	1
Rubiaceae	*Tricalysia orientalis*	Least Concern	yes	0
Rubiaceae	*Tricalysia perrieri*	Least Concern	yes	0
Meliaceae	*Trichilia mucronata*	Data Deficient *	no	0
Meliaceae	*Trichilia sambiranensis*	Endangered	yes	0
Meliaceae	*Trichilia tsaratananensis*	Critically Endangered	yes	0
Moraceae	*Trilepisium madagascariense*	Least Concern *	no	15
Sapotaceae	*Tsebona macrantha*	Endangered *	yes	0
Sapindaceae	*Tsingya bemarana*	Endangered	yes	0
Solanaceae	*Tsoala tubiflora*	Near Threatened	yes	0
Meliaceae	*Turraea andriamiarisoana*	Endangered	yes	0
Meliaceae	*Turraea anomala*	Critically Endangered	yes	0
Meliaceae	*Turraea geayi*	Near Threatened	yes	0
Meliaceae	*Turraea humbertii*	Vulnerable	yes	0
Meliaceae	*Turraea lanceolata*	Vulnerable	yes	1
Meliaceae	*Turraea richardii*	Endangered	yes	0
Meliaceae	*Turraea sericea*	Least Concern *	no	2
Meliaceae	*Turraea thouvenotii*	Least Concern	yes	0
Meliaceae	*Turraea venulosa*	Vulnerable	yes	0
Phyllanthaceae	*Uapaca ambanjensis*	Vulnerable	yes	1
Phyllanthaceae	*Uapaca amplifolia*	Vulnerable	yes	0
Phyllanthaceae	*Uapaca bojeri*	Least Concern	yes	2
Phyllanthaceae	*Uapaca densifolia*	Least Concern	yes	1
Phyllanthaceae	*Uapaca ferruginea*	Least Concern	yes	0
Phyllanthaceae	*Uapaca littoralis*	Least Concern	yes	0
Phyllanthaceae	*Uapaca louvelii*	Least Concern	yes	1
Phyllanthaceae	*Uapaca thouarsii*	Least Concern	yes	1
Pedaliaceae	*Uncarina ankaranensis*	Critically Endangered	yes	5
Pedaliaceae	*Uncarina platycarpa*	Critically Endangered	yes	9
Pedaliaceae	*Uncarina stellulifera*	Near Threatened	yes	19
Pedaliaceae	*Uncarina turicana*	Critically Endangered	yes	5
Annonaceae	*Uvaria ambongoensis*	Endangered	yes	0
Annonaceae	*Uvaria amplexicaulis*	Endangered	yes	0
Annonaceae	*Uvaria antsiranensis*	Vulnerable	yes	0
Annonaceae	*Uvaria bathiei*	Vulnerable	yes	0
Annonaceae	*Uvaria combretifolia*	Vulnerable	yes	0
Annonaceae	*Uvaria diplocampta*	Critically Endangered	yes	0
Annonaceae	*Uvaria leandrii*	Endangered	yes	1
Annonaceae	*Uvaria manjensis*	Critically Endangered	yes	0
Fabaceae	*Vachellia bellula*	Least Concern	yes	1

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Fabaceae	*Vachellia myrmecophila*	Endangered	yes	0
Fabaceae	*Vachellia viguieri*	Vulnerable	yes	0
Rubiaceae	*Vangueria madagascariensis*	Least Concern *	no	13
Rutaceae	*Vepris ampody*	Least Concern	yes	0
Rutaceae	*Vepris aralioides*	Least Concern	yes	0
Rutaceae	*Vepris arenicola*	Vulnerable	yes	0
Rutaceae	*Vepris cauliflora*	Vulnerable	yes	0
Rutaceae	*Vepris decaryana*	Endangered	yes	0
Rutaceae	*Vepris densiflora*	Endangered	yes	0
Rutaceae	*Vepris dicarpella*	Vulnerable	yes	1
Rutaceae	*Vepris elliotii*	Least Concern	yes	1
Rutaceae	*Vepris fitoravina*	Least Concern	yes	0
Rutaceae	*Vepris humbertii*	Endangered	yes	0
Rutaceae	*Vepris leandriana*	Vulnerable	yes	0
Rutaceae	*Vepris lepidota*	Endangered	yes	1
Rutaceae	*Vepris louvelii*	Data Deficient	yes	0
Rutaceae	*Vepris macrophylla*	Least Concern	yes	1
Rutaceae	*Vepris madagascarica*	Vulnerable	yes	0
Rutaceae	*Vepris nitida*	Least Concern	yes	0
Rutaceae	*Vepris parvicalyx*	Least Concern *	no	0
Rutaceae	*Vepris peraperta*	Vulnerable	yes	0
Rutaceae	*Vepris polymorpha*	Least Concern	yes	0
Rutaceae	*Vepris sclerophylla*	Endangered	yes	0
Rutaceae	*Vepris spathulata*	Least Concern *	no	0
Rutaceae	*Vepris unifoliolata*	Least Concern *	no	0
Asteraceae	*Vernonia ampandrandavensis*	Critically Endangered	yes	0
Asteraceae	*Vernonia latisquamata*	Vulnerable	yes	1
Asteraceae	*Vernonia leandrii*	Endangered	yes	0
Asteraceae	*Vernonia mecistophylla*	Endangered	yes	2
Asteraceae	*Vernonia pachyclada*	Endangered	yes	0
Asteraceae	*Vernonia tanalensis*	Endangered	yes	0
Asteraceae	*Vernoniopsis caudata*	Least Concern	yes	2
Fabaceae	*Viguieranthus brevipennatus*	Endangered	yes	0
Fabaceae	*Viguieranthus cylindricostachys*	Vulnerable	yes	0
Fabaceae	*Viguieranthus densinervus*	Least Concern	yes	0
Fabaceae	*Viguieranthus glandulosus*	Endangered	yes	0
Fabaceae	*Viguieranthus kony*	Endangered	yes	0
Fabaceae	*Viguieranthus longiracemosus*	Endangered	yes	0
Fabaceae	*Viguieranthus pervillei*	Least Concern	yes	0
Fabaceae	*Viguieranthus umbilicus*	Endangered	yes	0
Fabaceae	*Viguieranthus unifoliolatus*	Endangered	yes	0
Lamiaceae	*Vitex aurea*	Vulnerable	yes	0
Lamiaceae	*Vitex befotakensis*	Endangered	yes	0
Lamiaceae	*Vitex beraviensis*	Least Concern	yes	0
Lamiaceae	*Vitex betsiliensis*	Near Threatened	yes	1
Lamiaceae	*Vitex bojeri*	Least Concern	yes	0
Lamiaceae	*Vitex bracteata*	Endangered	yes	1
Lamiaceae	*Vitex cauliflora*	Vulnerable	yes	0
Lamiaceae	*Vitex cestroides*	Data Deficient	yes	0
Lamiaceae	*Vitex chrysomallum*	Least Concern	yes	1

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Lamiaceae	*Vitex coursii*	Near Threatened	yes	0
Lamiaceae	*Vitex elakelakensis*	Endangered	yes	0
Lamiaceae	*Vitex grandidiana*	Endangered	yes	0
Lamiaceae	*Vitex hirsutissima*	Least Concern	yes	0
Lamiaceae	*Vitex hispidissima*	Least Concern	yes	0
Lamiaceae	*Vitex humbertii*	Least Concern	yes	0
Lamiaceae	*Vitex lanigera*	Vulnerable	yes	0
Lamiaceae	*Vitex lastellei*	Critically Endangered	yes	0
Lamiaceae	*Vitex lowryi*	Endangered	yes	0
Lamiaceae	*Vitex madagascariensis*	Vulnerable	yes	0
Lamiaceae	*Vitex masoalensis*	Endangered	yes	0
Lamiaceae	*Vitex oscitans*	Data Deficient	yes	0
Lamiaceae	*Vitex perrieri*	Endangered	yes	1
Lamiaceae	*Vitex phillyreifolia*	Critically Endangered	yes	0
Lamiaceae	*Vitex rubra*	Endangered	yes	0
Lamiaceae	*Vitex stellata*	Endangered	yes	0
Lamiaceae	*Vitex teloravina*	Endangered	yes	0
Lamiaceae	*Vitex trichantha*	Endangered	yes	0
Lamiaceae	*Vitex trifolia*	Least Concern *	no	25
Lamiaceae	*Vitex tristis*	Endangered	yes	0
Lamiaceae	*Vitex uniflora*	Vulnerable	yes	1
Lamiaceae	*Vitex vondrozensis*	Endangered	yes	0
Apocynaceae	*Voacanga thouarsii*	Least Concern *	no	8
Arecaceae	*Voanioala gerardii*	Critically Endangered	yes	1
Picrodendraceae	*Voatamalo capuronii*	Endangered	yes	0
Picrodendraceae	*Voatamalo eugenioides*	Endangered	yes	0
Lamiaceae	*Volkameria emirnensis*	Least Concern *	yes	0
Lamiaceae	*Volkameria grevei*	Endangered *	yes	0
Melastomataceae	*Warneckea atrovirens*	Endangered	yes	0
Melastomataceae	*Warneckea madagascariensis*	Critically Endangered	yes	0
Melastomataceae	*Warneckea masoalae*	Critically Endangered	yes	0
Melastomataceae	*Warneckea pulviniflora*	Critically Endangered	yes	0
Melastomataceae	*Warneckea sansibarica*	Least Concern *	no	0
Melastomataceae	*Warneckea urschii*	Endangered	yes	0
Cunoniaceae	*Weinmannia aggregata*	Endangered	yes	0
Cunoniaceae	*Weinmannia arguta*	Vulnerable	yes	0
Cunoniaceae	*Weinmannia baehniana*	Vulnerable	yes	0
Cunoniaceae	*Weinmannia bojeriana*	Least Concern	yes	0
Cunoniaceae	*Weinmannia decora*	Least Concern	yes	0
Cunoniaceae	*Weinmannia eriocarpa*	Least Concern	yes	0
Cunoniaceae	*Weinmannia henricorum*	Critically Endangered	yes	0
Cunoniaceae	*Weinmannia hildebrandtii*	Least Concern	yes	0
Cunoniaceae	*Weinmannia humblotii*	Least Concern	yes	0
Cunoniaceae	*Weinmannia icacifolia*	Endangered	yes	0
Cunoniaceae	*Weinmannia integrifolia*	Endangered	yes	0
Cunoniaceae	*Weinmannia louveliana*	Endangered	yes	0
Cunoniaceae	*Weinmannia lowryana*	Endangered	yes	0
Cunoniaceae	*Weinmannia lucens*	Least Concern	yes	0
Cunoniaceae	*Weinmannia magnifica*	Endangered	yes	0
Cunoniaceae	*Weinmannia mammea*	Vulnerable	yes	0

Family	Taxon	IUCN Category (IUCN 2020.3)	Endemic	*Ex situ* Collections
Cunoniaceae	*Weinmannia marojejyensis*	Critically Endangered	yes	0
Cunoniaceae	*Weinmannia minutiflora*	Least Concern	yes	0
Cunoniaceae	*Weinmannia rakotomalazana*	Endangered	yes	0
Cunoniaceae	*Weinmannia rutenbergii*	Least Concern	yes	0
Cunoniaceae	*Weinmannia sanguisugarum*	Endangered	yes	0
Cunoniaceae	*Weinmannia stenostachya*	Least Concern	yes	1
Cunoniaceae	*Weinmannia venosa*	Endangered	yes	0
Cunoniaceae	*Weinmannia venusta*	Endangered	yes	0
Phyllanthaceae	*Wielandia bemarensis*	Least Concern	yes	0
Phyllanthaceae	*Wielandia bojeriana*	Least Concern	yes	0
Phyllanthaceae	*Wielandia danguyana*	Endangered	yes	0
Phyllanthaceae	*Wielandia elegans*	Least Concern	no	1
Phyllanthaceae	*Wielandia fadenii*	Least Concern	no	0
Phyllanthaceae	*Wielandia laureola*	Vulnerable	yes	0
Phyllanthaceae	*Wielandia leandriana*	Vulnerable	yes	1
Phyllanthaceae	*Wielandia mimosoides*	Least Concern	yes	0
Phyllanthaceae	*Wielandia oblongifolia*	Least Concern	yes	0
Phyllanthaceae	*Wielandia platyrachis*	Least Concern	yes	0
Phyllanthaceae	*Wielandia ranavalonae*	Least Concern	yes	0
Phyllanthaceae	*Wielandia tanalorum*	Vulnerable	yes	0
Phyllanthaceae	*Wielandia unifex*	Endangered	yes	0
Fabaceae	*Xanthocercis madagascariensis*	Least Concern	yes	1
Sarcolaenaceae	*Xerochlamys coriacea*	Vulnerable	yes	0
Sarcolaenaceae	*Xerochlamys diospyroidea*	Endangered	yes	0
Sarcolaenaceae	*Xerochlamys elliptica*	Endangered	yes	0
Sarcolaenaceae	*Xerochlamys tampoketsensis*	Vulnerable	yes	0
Sarcolaenaceae	*Xerochlamys undulata*	Endangered	yes	0
Sarcolaenaceae	*Xerochlamys villosa*	Endangered	yes	0
Olacaceae	*Ximenia caffra*	Least Concern *	no	2
Fabaceae	*Xylia fraterna*	Vulnerable	yes	0
Fabaceae	*Xylia hoffmannii*	Least Concern	yes	1
Meliaceae	*Xylocarpus granatum*	Least Concern	no	7
Sarcolaenaceae	*Xyloolaena humbertii*	Endangered	yes	0
Sarcolaenaceae	*Xyloolaena perrieri*	Vulnerable	yes	1
Sarcolaenaceae	*Xyloolaena richardii*	Least Concern	yes	2
Sarcolaenaceae	*Xyloolaena sambiranensis*	Vulnerable	yes	1
Sarcolaenaceae	*Xyloolaena speciosa*	Vulnerable	yes	0
Annonaceae	*Xylopia ambanjensis*	Endangered	yes	0
Annonaceae	*Xylopia beananensis*	Vulnerable	yes	0
Annonaceae	*Xylopia bemarivensis*	Near Threatened	yes	1
Annonaceae	*Xylopia buxifolia*	Least Concern	yes	0
Annonaceae	*Xylopia capuronii*	Critically Endangered	yes	0
Annonaceae	*Xylopia danguyella*	Endangered	yes	0
Annonaceae	*Xylopia dielsii*	Endangered	yes	0
Annonaceae	*Xylopia fananehanensis*	Endangered	yes	0
Annonaceae	*Xylopia flexuosa*	Endangered	yes	0
Annonaceae	*Xylopia ghesquiereana*	Critically Endangered	yes	0
Annonaceae	*Xylopia humbertii*	Critically Endangered	yes	0
Annonaceae	*Xylopia humblotiana*	Least Concern	yes	1
Annonaceae	*Xylopia lamii*	Endangered	yes	1
Annonaceae	*Xylopia lastelliana*	Endangered	yes	0
Annonaceae	*Xylopia lemurica*	Vulnerable	yes	0
Annonaceae	*Xylopia madagascariensis*	Endangered	yes	0
Annonaceae	*Xylopia perrieri*	Near Threatened	yes	0
Annonaceae	*Xylopia sahafariensis*	Endangered	yes	0
Annonaceae	*Xylopia sericolampra*	Endangered	yes	0
Sapindaceae	*Zanha suaveolens*	Endangered	yes	1
Rutaceae	*Zanthoxylum decaryi*	Least Concern	yes	2
Rutaceae	*Zanthoxylum madagascariense*	Least Concern	yes	0
Rutaceae	*Zanthoxylum subspicatum*	Critically Endangered	yes	0
Rutaceae	*Zanthoxylum thouvenotii*	Vulnerable	yes	0
Rutaceae	*Zanthoxylum tsihanimposa*	Near Threatened	yes	1
Rhamnaceae	*Ziziphus mauritiana*	Least Concern	no	24
Rhamnaceae	*Ziziphus mucronata*	Least Concern	no	22

Updated April 2021



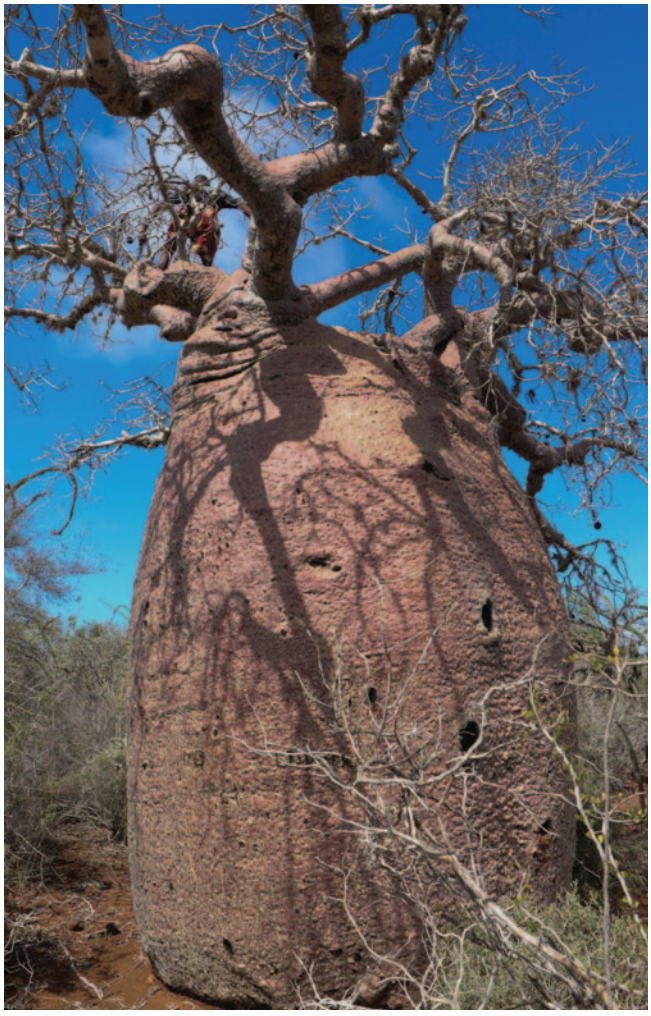
Aloe vaotsanda *(KMCC SE Rakotoarisoa)*

APPENDIX 2
Botanic Gardens with Madagascar Tree Species

Aburi Botanic Gardens; Agodi Gardens; Agricultural University of Nitra Botanic Garden; Amani Botanical Garden; Andromeda Botanic Gardens; Arboretum at the University of California, Santa Cruz; Arborétum Borová hora; Arboretum de la Universidad Autónoma de Campeche; Arboretum de Sibangu; Arizona-Sonora Desert Museum; Association for Biodiversity and its Conservation; Atlanta Botanical Garden; Auckland Botanic Gardens; Australian Botanic Garden, Mount Annan, The; Australian National Botanic Gardens; Australian PlantBank - Mount Annan Botanic Garden; Bangladesh Agricultural University Botanic Garden; Beijing (southern) Botanical Garden - Living Plants; Beijing Medicinal Garden; Belau National Museum; Bergen Botanical Garden; Bergius Botanic Garden; Bhagalpur University Botanical Garden; Birmingham Botanical Gardens and Glasshouses; Bishop Museum - Checklist of Cultivated Plants of Hawai'i; Bogor Botanic Gardens (Center for Plant Conservation - Botanic Gardens); Bokrijk Arboretum; Booderee Botanic Gardens; Botanic Garden of Rostock University; Botanic Garden, Delft University of Technology; Botanic Garden, Lund University; Botanic Gardens at Kona Kai, The; Botanic Gardens of South Australia; Botanical and Experimental Garden, Radboud University; Botanical Garden - Institute of the Volga State Technological University; Botanical Garden of Pyatigorsk State Pharmaceutical Academy; Botanical Garden of Tartu University; Botanical Garden of the Carinthian Botanic Center (Landesmuseum Kärnten); Botanical Garden of the Faculty of Science Zagreb; Botanical Garden of the University of Bern; Botanical Garden of the Urals Branch of Russian Academy of Sciences; Botanical Garden of Vilnius University; Botanical Garden University of Duesseldorf; Botanical Garden, Natural History Museum of Denmark; Botanische Gärten der Universität Bonn; Botanischer Garten der Carl von Ossietzky-Universitat Oldenburg; Botanischer Garten der Friedrich-Schiller-Universitaet; Botanischer Garten der Johannes Gutenberg-Universität Mainz; Botanischer Garten der Justus-Liebig Universität Giessen; Botanischer Garten der Ruhr-Universität Bochum; Botanischer Garten der Technischen Universitaet Darmstadt; Botanischer Garten der Technischen Universitaet Dresden; Botanischer Garten der Universitaet des Saarlandes; Botanischer Garten der Universitaet Zurich; Botanischer Garten der Universitat Gottingen; Botanischer Garten der Universität Heidelberg; Botanischer Garten der Universitat Kiel; Botanischer Garten der Universitat Osnabruck; Botanischer Garten der Universität Ulm; Botanischer Garten der Westfaelischen Wilhelms Universitaet; Botanischer Garten Frankfurt am Main; Botanischer Garten Innsbruck und Aplengarten Patscherkofel; Botanischer Garten München-Nymphenburg; Botanischer Garten und Botanisches Museum Berlin; Botanischer Versuchs- und Lehrgarten; Boyce Thompson Arboretum; Boyce Thompson Arboretum Desert Legume Program - Seed Bank; Brackenhurst Botanic Garden; Brisbane Botanic Gardens; Brooklyn Botanic Garden; Bundaberg Botanic Gardens; Butterfly Pavilion; Cambridge University Botanic Garden; Catalogue of Medicinal Plants of Ukrainian Botanic Gardens and Parks; Catalogue of Rare Plants of Ukrainian Botanic Gardens and Parks; Château Pérouse; Chelsea Physic Garden; Chicago Botanic Garden; Christchurch Botanic Gardens; Cibodas Botanic Gardens; City of Liverpool Botanic Gardens; Cleveland Botanical Garden; Como Park Zoo and Conservatory; Conservatoire Botanique National du Brest; Conservatoire Botanique Pierre Fabre; Conservatoire et Jardin botaniques de la Ville de Genève; Cooktown Botanic Gardens; Cuc Phuong Botanic Garden; Daintree Arboretum; Denver Botanic Gardens; Denver Zoological Gardens; Desert Botanical Garden; Desert Botanical Garden - Seed Bank; Die Flora, der Botanische Garten Köln; Dixon Gallery and Gardens, The; Dr Cecilia Koo Botanic Conservation Center; Duke Biology Plant Teaching and Research Facility; Dunedin Botanic Garden; EcoParque COLEF; Eden Project, The; El Saff Botanic Garden; ENPOST Forest Reserve; Entebbe Botanic Gardens; Eötvös Loránd University Botanic Garden; EW Heier Teaching and Research Greenhouses; Fairchild Tropical Botanic Garden; Fairy Lake Botanical Garden, Shenzhen & Chinese Academy of Sciences; FES Iztacala Banco de Semillas; Finnish Museum of Natural History / Helsinki University Botanic Garden; Florida Botanical Gardens; Foellinger-Freimann Botanical Conservatory; Forest Research Institute of Nigeria (FRIN) - Medicinal Garden; Forestry Research Institute of Nigeria (FRIN) - Herbal Garden; Forstbotanischer Garten der Technischen Universitaet Dresden; Franklin Park Conservatory; Frederik Meijer Gardens & Sculpture Park; Frelinghuysen Arboretum; Friends of Nairobi Arboretum; Fullerton Arboretum; Fundacion Jardín Botánico Nacional Viña del Mar; Fundacion Jardin Botanico Unellez; Ganna Walska Lotusland; George Brown Darwin Botanic Gardens SEED BANK; Germplasm Bank of Wild Species; Ghent University Botanic Garden; Gibraltar Botanic Gardens; Glasgow Botanic Gardens; Gordon Rowley Succulent Collection; Gothenburg Botanical Garden; Government College University, Lahore Botanic Garden (BGGC); Grugapark und Botanischer Garten der Stadt Essen; Gullele Botanic Garden; Harold L. Lyon Arboretum - Seed Conservation Laboratory; Hawaii Tropical Botanical Garden; Heber W. Youngken, Jr. Medicinal Plant Garden; Honolulu Botanical Gardens; Hortus Botanicus Amsterdam; Huay Kaew Arboretum; Hungarian Academy of

Sciences - Botanic Garden; Hunter Region Botanic Gardens; Huntington Botanical Gardens - Seed Bank; IITA - Forest Unit; il Giardino della Minerva; Incheon Arboretum; Instituto de Botanica 'Gonçalo Sampaio'; Jardi Botanic de Barcelona; Jardí Botànic de la Universitat de València; Jardi Botanic de Soller; Jardí Botànic Marimurtra; Jardim Botanico da Madeira; Jardim Botânico da Universidade de Coimbra; Jardim Botânico da Universidade de Lisboa; Jardim Botânico de Brasilia; Jardim Botânico de Jundiaí - Valmor de Souza; Jardim Botânico do Rio de Janeiro; Jardim Botanico Nacional 'L. Grandvaux Barbosa'; Jardim Botânico Tropical; Jardin Botanico - Dr. Alfredo Barrera Marin; Jardín Botánico "Lucien Hauman"; Jardin Botanico Benjamin F. Johnston; Jardín Botánico CECON-USAC; Jardin Botanico Culiacán; Jardín Botánico de Acapulco; Jardín Botánico de Cartagena; Jardin Botanico de Hampolol; Jardín Botánico de la ciudad de Buenos Aires "Carlos Thays"; Jardin Botanico del Instituto de Biologia (UNAM); Jardin Botanico del Parque de Las Leyendas; Jardin Botanico Dr. Faustino Miranda; Jardin Botanico Eloy Valenzuela; Jardin Botanico Facultad de Estudios Superiores Cuautitlan UNAM; Jardín Botánico Francisco Javier Clavijero; Jardín Botánico ISIMA-UJED; Jardin Botanico Las Orquideas; Jardin Botanico Nacional de Cuba; Jardín Botánico Nacional Simón Bolívar; Jardín Botánico Nacional Simón Bolívar - seed bank; Jardin Botanico Regional Carmen; Jardin Botanico Regional del CICY; Jardin Botanico Universitario BUAP; Jardin Botanico-Historico "La Concepcion" de Malaga; Jardin Botanique Camifolia; Jardin Botanique de Kisantu; Jardin Botanique de la Ville de Caen; Jardin Botanique de la Ville de Lyon; Jardin Botanique de la Ville de Nice; Jardin botanique de l'Université de Fribourg; Jardin Botanique de l'Université de Strasbourg; Jardin botanique de Neuchâtel; Jardin botanique de Paris; Jardin Botanique des Parcs Forestier et Zoologique de Hann; Jardin Botanique et Arboretum Henri Gaussen; Jardin Botanique Exotique " Val Rahmeh "; Jardin Botanique Yves Rocher; Jardin Conservatoire des Plantes Tinctoriales; Jardin de Aclimatacion de la Orotava; Jardin des Plantes de Paris et Arboretum de Chevreloup; Jardin d'Experimentation des Plantes Utiles (J.E.P.U.); Jardin d'Oiseaux Tropicaux; Jardin Etnobotanico Francisco Peláez R. A.C; Jardin Etnobotanico y Museo de Medicina Tradicional y Herbolaria; Jardins botaniques du Grand Nancy et de l'Université de Lorraine; Jardins des Plantes de l'Université; Jeju Botanical Garden, Yeomiji; Jerusalem Botanical Gardens; John C. Gifford Arboretum; Karoo Desert National Botanical Garden; Keum Kang Arboretum; Key West Tropical Forest & Botanical Garden; Kings Park and Botanic Garden; Kirstenbosch National Botanical Garden; Kunming Botanical Garden; KwaZulu-Natal National Botanical Garden; LaBarque Creek Gardens; Lakes Park Botanic Garden; Lauritzen Gardens; Leaning Pine Arboretum; Les Jardins Suspendus; Leuven Botanic Garden; Lewis Ginter Botanical Garden; Limbe Botanic Garden; Lincoln Park Conservatory; Lincoln Park Zoo; Living Desert Zoo and Gardens; Logan Botanic Garden; Longwood Gardens; Los Angeles County Arboretum and Botanic Garden; Lowveld National Botanical Garden; Lushan Botanical Garden, Jiangxi Province and Chinese Academy of Sciences; M.M. Gryshko National Botanical Garden; Mackay Regional Botanic Gardens; Main Botanical Garden, Russian Academy of Sciences; Malabar Botanical Garden and Institute for Plant Sciences; Manie van der Schijff Botanical Garden; Marie Selby Botanical Gardens; Masaryk University Faculty of Science Botanical Garden; Mead Botanical Garden; Meise Botanic Garden; Mercer Botanic Gardens; Mesa Community College Arboretum; Millennium Seed Bank; Missouri Botanical Garden; Montgomery Botanical Center; Montreal Botanical Garden / Jardin botanique de Montréal; Moore Farms Botanical Garden; Multiplant International Medicinal Conservation; Multiplant International Medicinal Conservation-Seed Bank; Museo Orto Botanico di Roma; Museum of Life + Science Magic Wings Butterfly House; NACGRAB Field Genebank; Nanjing Botanical Garden Mem. Sun Yat-sen; Naples Botanical Garden; Naples Zoo at Caribbean Gardens; National Botanic Garden; National Botanic Garden of Wales; National Botanic Gardens Foundation; National Herbarium & Botanic Gardens of Malawi; National Institute for Pharmaceutical Research and Development (NIPRD); National Kandawgyi Botanical Gardens (Maymyo Botanical Garden); National Museums of Kenya, Nairobi Botanic Garden; National Plant Germplasm System - USDA-ARS-NGRL; National Tropical Botanical Garden; Nature Palace Botanical Gardens; Neuer Botanischer Garten der Universität Göttingen; New Plant Nursery; New York Botanical Garden, The; Niagara Parks Botanical Gardens and School of Horticulture, The; Nigeria Montane Forest Project; Nong Nooch Tropical Botanical Garden; Noosa Botanic Gardens; North Carolina Botanical Garden; Northwestern University Ecological Park and Botanic Gardens; Novosibirsk Dendropark; Oak Park Conservatory; Oekologisch-Botanischer Garten Universitaet Bayreuth; Ogród Botaniczny Uniwersytetu Wroclawskiego; Oklahoma City Zoo and Botanical Garden; Orto Botanico - Università degli Studi di Catania; Orto Botanico dell'Università degli Studi di Padova; Orto Botanico dell'Università degli studi di Siena; Orto Botanico dell'Universita di Pavia; Orto Botanico di Perugia; Orto Botanico di Torino; Osa Conservation; Oxford University Botanic Garden & Arboretum; Paignton Zoo

Environmental Park; Parc Botanique et Zoologique de Tsimbazaza; Parque Botânico da Tapada da Ajuda; Parques de Sintra - Monte da Lua S.A.; Peter the Great Botanical Garden of the V.L. Komarov Botanical Institute; Pha Tad Ke Botanical Garden; Prague Botanic Garden / Botanicka Zahrada Praha; Pretoria National Botanical Garden; Pukekura Park; Qarshi Botanical Garden (QBG); Queen Elizabeth II Botanic Park; Queensland Seeds for Life - Brisbane Botanic Gardens; Real Jardín Botánico Juan Carlos I; Red Butte Garden and Arboretum; Reiman Gardens; Reserva Rio Guaycuyacu; Rimba Ilmu Botanic Garden; Rotterdam Zoological and Botanical Gardens; Royal Botanic Garden Edinburgh; Royal Botanic Gardens Kew (Wakehurst); Royal Botanic Gardens Sydney; Royal Botanic Gardens, Kew; Royal Botanic Gardens, Victoria - Melbourne Gardens; Royal Botanical Gardens, Ontario; Royal Burgers' Zoo; Royal Horticultural Society's Garden, Rosemoor; Royal Horticultural Society's Garden, Wisley; Royal Tasmanian Botanical Gardens; Sakhalin Botanical Garden; San Diego Botanic Garden; San Diego Zoo Safari Park; San Francisco Botanical Garden; San Luis Obispo Botanical Garden; Sanctuaire des Singes de Drabo Gbo; Sarius Palmetum and Botanical Garden; Sea World San Diego; Shanghai Chenshan Botanical Garden; Sherwood Arboretum; Shodex Botanic Garden; Siberian Botanical Garden of Tomsk State University; Siit Arboretum Botanical Garden; Singapore Botanic Gardens; Sireeruckhachati Nature Learning Park; Smithsonian National Museum of Natural History - Botany Greenhouses; South China Botanical Garden, CAS; St Vincent Botanical Garden; St. Andrews Botanic Garden; St. Kilda Botanic Garden; State Botanical Garden of Georgia, The; Stellenbosch University Botanical Garden; Stichting Botanische Tuin Kerkrade; Stichting Botanische Tuin van Steyl Jochum-Hof; Sukkulenten-Sammlung Zurich; The B.M. Kozo-Polyansky Botanical Garden of Voronezh State University; The Barnes Arboretum at SJU; The Botanical Garden Gandhi Krishi Vignana Kendra; The Botanical Gardens of the Universtiy of the South Pacific; The Cairns Botanic Gardens; The Harris Garden; The Huntington Library, Art Museum and Botanical Gardens; The Linnaean Gardens of Uppsala (Uppsala University); The Living Rainforest; Thiruvananthapuram Government Botanic Gardens; Timaru Botanic Garden; Tooro Botanical Gardens; Toronto Zoo; Townsville Botanic Gardens; Treborth Botanic Garden; Trinity College Dublin Botanic Garden; Trompenburg Gardens & Arboretum; UConn Plant Biodiversity Conservatory and Research Center; Ukrainian National Forestry University Botanic Garden; United States Botanic Garden; United States National Arboretum; University Botanic Gardens Ljubljana; University of Aarhus Botanical Institute; University of Alberta Botanic Garden; University of California Botanical Garden at Berkeley; University of California, Irvine Arboretum and Herbarium; University of Guelph Arboretum; University of Ibadan Botanical Garden; University of Lagos; University of Melbourne Grounds and Gardens; University of Oslo Botanical Garden; University of Port Harcourt Gardens; University of Turku - Botanic Garden; Usman DanFodio University Gardens; Utrecht University Botanic Gardens; Vallarta Botanical Gardens, A.C.; Ventura County Community College District - Ventura College; W. J. Beal Botanical Garden; Waimea Valley Arboretum and Botanical Garden; Wuhan Botanic Garden; Xiamen Botanical Garden; Xishuangbanna Tropical Botanical Garden, CAS;



Adansonia rubrostipa *(KMCC SE Rakotoarisoa)*

APPENDIX 3
IUCN Red List Categories and Criteria

EXTINCT (EX)
A taxon is Extinct when there is no reasonable doubt that the last individual has died. A taxon is presumed Extinct when exhaustive surveys in known and/or expected habitat, at appropriate times (diurnal, seasonal, annual), throughout its historic range have failed to record an individual. Surveys should be over a time-frame appropriate to the taxon's life cycle and life form.

EXTINCT IN THE WILD (EW)
A taxon is Extinct in the Wild when it is known only to survive in cultivation, in captivity or as a naturalized population (or populations) well outside the past range. A taxon is presumed Extinct in the Wild when exhaustive surveys in known and/or expected habitat, at appropriate times (diurnal, seasonal, annual), throughout its historic range have failed to record an individual. Surveys should be over a time-frame appropriate to the taxon's life cycle and life form.

CRITICALLY ENDANGERED (CR)
A taxon is Critically Endangered when the best available evidence indicates that it meets any of the criteria A to E for Critically Endangered (see Section V), and it is therefore considered to be facing an extremely high risk of extinction in the wild.

ENDANGERED (EN)
A taxon is Endangered when the best available evidence indicates that it meets any of the criteria A to E for Endangered (see Section V), and it is therefore considered to be facing a very high risk of extinction in the wild.

VULNERABLE (VU)
A taxon is Vulnerable when the best available evidence indicates that it meets any of the criteria A to E for Vulnerable (see Section V), and it is therefore considered to be facing a high risk of extinction in the wild.

NEAR THREATENED (NT)
A taxon is Near Threatened when it has been evaluated against the criteria but does not qualify for Critically Endangered, Endangered or Vulnerable now, but is close to qualifying for or is likely to qualify for a threatened category in the near future.

LEAST CONCERN (LC)
A taxon is Least Concern when it has been evaluated against the criteria and does not qualify for Critically Endangered, Endangered, Vulnerable or Near Threatened. Widespread and abundant taxa are included in this category.

DATA DEFICIENT (DD)
A taxon is Data Deficient when there is inadequate information to make a direct, or indirect, assessment of its risk of extinction based on its distribution and/or population status. A taxon in this category may be well studied, and its biology well known, but appropriate data on abundance and/or distribution are lacking. Data Deficient is therefore not a category of threat. Listing of taxa in this category indicates that more information is required and acknowledges the possibility that future research will show that threatened classification is appropriate. It is important to make positive use of whatever data are available. In many cases great care should be exercised in choosing between DD and a threatened status. If the range of a taxon is suspected to be relatively circumscribed, and a considerable period of time has elapsed since the last record of the taxon, threatened status may well be justified.

NOT EVALUATED (NE)
A taxon is Not Evaluated when it is has not yet been evaluated against the criteria.

THE CRITERIA FOR CRITICALLY ENDANGERED, ENDANGERED AND VULNERABLE

CRITICALLY ENDANGERED (CR)
A taxon is Critically Endangered when the best available evidence indicates that it meets any of the following criteria (A to E), and it is therefore considered to be facing an extremely high risk of extinction in the wild:

A. Reduction in population size based on any of the following:
   1. An observed, estimated, inferred or suspected population size reduction of ≥90% over the last 10 years or three generations, whichever is the longer, where the causes of the reduction are clearly reversible AND understood AND ceased, based on (and specifying) any of the following:
      (a) direct observation
      (b) an index of abundance appropriate to the taxon
      (c) a decline in area of occupancy, extent of occurrence and/or quality of habitat
      (d) actual or potential levels of exploitation
      (e) the effects of introduced taxa, hybridization, pathogens, pollutants, competitors or parasites.

   2 An observed, estimated, inferred or suspected population size reduction of ≥80% over the last 10 years or three generations, whichever is the longer, where the reduction or its causes may

not have ceased OR may not be understood OR may not be reversible, based on (and specifying) any of (a) to (e) under A1.

3. A population size reduction of ≥80%, projected or suspected to be met within the next 10 years or three generations, whichever is the longer (up to a maximum of 100 years), based on (and specifying) any of (b) to (e) under A1.

4. An observed, estimated, inferred, projected or suspected population size reduction of ≥80% over any 10 year or three generation period, whichever is longer (up to a maximum of 100 years in the future), where the time period must include both the past and the future, and where the reduction or its causes may not have ceased OR may not be understood OR may not be reversible, based on (and specifying) any of (a) to (e) under A1.

B. Geographic range in the form of either B1 (extent of occurrence) OR B2 (area of occupancy) OR both:
   1. Extent of occurrence estimated to be less than 100 km^2, and estimates indicating at least two of a-c:
      a. Severely fragmented or known to exist at only a single location.
      b. Continuing decline, observed, inferred or projected, in any of the following:
         (i) extent of occurrence
         (ii) area of occupancy
         (iii) area, extent and/or quality of habitat
         (iv) number of locations or subpopulations
         (v) number of mature individuals.
      c. Extreme fluctuations in any of the following:
         (i) extent of occurrence
         (ii) area of occupancy
         (iii) number of locations or subpopulations
         (iv) number of mature individuals.

   2. Area of occupancy estimated to be less than 10 km^2, and estimates indicating at least two of a-c:
      a. Severely fragmented or known to exist at only a single location.
      b. Continuing decline, observed, inferred or projected, in any of the following:
         (i) extent of occurrence
         (ii) area of occupancy
         (iii) area, extent and/or quality of habitat
         (iv) number of locations or subpopulations
         (v) number of mature individuals.
      c. Extreme fluctuations in any of the following:
         (i) extent of occurrence
         (ii) area of occupancy
         (iii) number of locations or subpopulations
         (iv) number of mature individuals.

C. Population size estimated to number fewer than 250 mature individuals and either:
   1. An estimated continuing decline of at least 25% within three years or one generation, whichever is longer, (up to a maximum of 100 years in the future) OR

   2. A continuing decline, observed, projected, or inferred, in numbers of mature individuals AND at least one of the following (a-b):
      (a) Population structure in the form of one of the following:
         (i) no subpopulation estimated to contain more than 50 mature individuals, OR
         (ii) at least 90% of mature individuals in one subpopulation.
      (b) Extreme fluctuations in number of mature individuals.

D. Population size estimated to number fewer than 50 mature individuals.

E. Quantitative analysis showing the probability of extinction in the wild is at least 50% within 10 years or three generations, whichever is the longer (up to a maximum of 100 years).

ENDANGERED (EN)

A taxon is Endangered when the best available evidence indicates that it meets any of the following criteria (A to E), and it is therefore considered to be facing a very high risk of extinction in the wild:

A. Reduction in population size based on any of the following:
   1. An observed, estimated, inferred or suspected population size reduction of ≥70% over the last 10 years or three generations, whichever is the longer, where the causes of the reduction are clearly reversible AND understood AND ceased, based on (and specifying) any of the following:
      (a) direct observation
      (b) an index of abundance appropriate to the taxon
      (c) a decline in area of occupancy, extent of occurrence and/or quality of habitat
      (d) actual or potential levels of exploitation
      (e) the effects of introduced taxa, hybridization, pathogens, pollutants, competitors or parasites.

2. An observed, estimated, inferred or suspected population size reduction of ≥50% over the last 10 years or three generations, whichever is the longer, where the reduction or its causes may not have ceased OR may not be understood OR may not be reversible, based on (and specifying) any of (a) to (e) under A1.

3. A population size reduction of ≥50%, projected or suspected to be met within the next 10 years or three generations, whichever is the longer (up to a maximum of 100 years), based on (and specifying) any of (b) to (e) under A1.

4. An observed, estimated, inferred, projected or suspected population size reduction of ≥50% over any 10 year or three generation period, whichever is longer (up to a maximum of 100 years in the future), where the time period must include both the past and the future, AND where the reduction or its causes may not have ceased OR may not be understood OR may not be reversible, based on (and specifying) any of (a) to (e) under A1.

B. Geographic range in the form of either B1 (extent of occurrence) OR B2 (area of occupancy) OR both:
   1. Extent of occurrence estimated to be less than 5000 km^2, and estimates indicating at least two of a-c:
      a. Severely fragmented or known to exist at no more than five locations.
      b. Continuing decline, observed, inferred or projected, in any of the following:
         (i) extent of occurrence
         (ii) area of occupancy
         (iii) area, extent and/or quality of habitat
         (iv) number of locations or subpopulations
         (v) number of mature individuals.
      c. Extreme fluctuations in any of the following:
         (i) extent of occurrence
         (ii) area of occupancy
         (iii) number of locations or subpopulations
         (iv) number of mature individuals.

   2. Area of occupancy estimated to be less than 500 km^2, and estimates indicating at least two of a-c:

      a. Severely fragmented or known to exist at no more than five locations.
      b. Continuing decline, observed, inferred or projected, in any of the following:
         (i) extent of occurrence
         (ii) area of occupancy
         (iii) area, extent and/or quality of habitat
         (iv) number of locations or subpopulations
         (v) number of mature individuals.
      c. Extreme fluctuations in any of the following:
         (i) extent of occurrence
         (ii) area of occupancy
         (iii) number of locations or subpopulations
         (iv) number of mature individuals.

C. Population size estimated to number fewer than 2500 mature individuals and either:
   1. An estimated continuing decline of at least 20% within five years or two generations, whichever is longer, (up to a maximum of 100 years in the future) OR

   2. A continuing decline, observed, projected, or inferred, in numbers of mature individuals AND at least one of the following (a-b):
      (a) Population structure in the form of one of the following:
         (i) no subpopulation estimated to contain more than 250 mature individuals, OR
         (ii) at least 95% of mature individuals in one subpopulation.
      (b) Extreme fluctuations in number of mature individuals.

D. Population size estimated to number fewer than 250 mature individuals.

E. Quantitative analysis showing the probability of extinction in the wild is at least 20% within 20 years or five generations, whichever is the longer (up to a maximum of 100 years).

VULNERABLE (VU)

A taxon is Vulnerable when the best available evidence indicates that it meets any of the following criteria (A to E), and it is therefore considered to be facing a high risk of extinction in the wild:

A. Reduction in population size based on any of the following:
   1. An observed, estimated, inferred or suspected population size reduction of ≥50% over the last 10 years or three generations, whichever is the longer, where the causes of the reduction are: clearly reversible AND understood AND ceased, based on (and specifying) any of the following:
      (a) direct observation
      (b) an index of abundance appropriate to the taxon
      (c) a decline in area of occupancy, extent of occurrence and/or quality of habitat

(d) actual or potential levels of exploitation
(e) the effects of introduced taxa, hybridization, pathogens, pollutants, competitors or parasites.

2. An observed, estimated, inferred or suspected population size reduction of ≥30% over the last 10 years or three generations, whichever is the longer, where the reduction or its causes may not have ceased OR may not be understood OR may not be reversible, based on (and specifying) any of (a) to (e) under A1.

3. A population size reduction of ≥30%, projected or suspected to be met within the next 10 years or three generations, whichever is the longer (up to a maximum of 100 years), based on (and specifying) any of (b) to (e) under A1.

4. An observed, estimated, inferred, projected or suspected population size reduction of ≥30% over any 10 year or three generation period, whichever is longer (up to a maximum of 100 years in the future), where the time period must include both the past and the future, AND where the reduction or its causes may not have ceased OR may not be understood OR may not be reversible, based on (and specifying) any of (a) to (e) under A1.

B. Geographic range in the form of either B1 (extent of occurrence) OR B2 (area of occupancy) OR both:
1. Extent of occurrence estimated to be less than 20,000 km^2, and estimates indicating at least two of a-c:
a. Severely fragmented or known to exist at no more than 10 locations.
b. Continuing decline, observed, inferred or projected, in any of the following:
(i) extent of occurrence
(ii) area of occupancy
(iii) area, extent and/or quality of habitat
(iv) number of locations or subpopulations
(v) number of mature individuals.
c. Extreme fluctuations in any of the following:
(i) extent of occurrence
(ii) area of occupancy
(iii) number of locations or subpopulations
(iv) number of mature individuals.

2. Area of occupancy estimated to be less than 2000 km^2, and estimates indicating at least two of a-c:
a. Severely fragmented or known to exist at no more than 10 locations.
b. Continuing decline, observed, inferred or projected, in any of the following:
(i) extent of occurrence
(ii) area of occupancy
(iii) area, extent and/or quality of habitat
(iv) number of locations or subpopulations
(v) number of mature individuals.
c. Extreme fluctuations in any of the following:
(i) extent of occurrence
(ii) area of occupancy
(iii) number of locations or subpopulations
(iv) number of mature individuals.

C. Population size estimated to number fewer than 10,000 mature individuals and either:
1. An estimated continuing decline of at least 10% within 10 years or three generations, whichever is longer, (up to a maximum of 100 years in the future) OR

2. A continuing decline, observed, projected, or inferred, in numbers of mature individuals AND at least one of the following (a-b):
(a) Population structure in the form of one of the following:
(i) no subpopulation estimated to contain more than 1000 mature individuals, OR
(ii) all mature individuals are in one subpopulation.
(b) Extreme fluctuations in number of mature individuals.

D. Population very small or restricted in the form of either of the following:
1. Population size estimated to number fewer than 1000 mature individuals.

2. Population with a very restricted area of occupancy (typically less than 20 km^2) or number of locations (typically five or fewer) such that it is prone to the effects of human activities or stochastic events within a very short time period in an uncertain future, and is thus capable of becoming Critically Endangered or even Extinct in a very short time period.

E. Quantitative analysis showing the probability of extinction in the wild is at least 10% within 100 years.

Source: IUCN (2001)

Abrahamia deflexa *(KMCC SE Rakotoarisoa)*

Indigofera dionaefolia *(KMCC SE Rakotoarisoa)*

Baudouinia fluggeiformis *(KMCC SE Rakotoarisoa)*

Buxus madagascarica *(KMCC SE Rakotoarisoa)*

Erythrina madagascariensis
(KMCC SE Rakotoarisoa)

The Red List of

Trees of Madagascar

For further information please contact:

BGCI
Descanso House
199 Kew Road, Richmond
Surrey, TW9 3BW
United Kingdom
Tel: +44 (0)20 8332 5953
Fax: +44 (0)20 8332 5956
Email: info@bgci.org
Web: www.bgci.org