

13 THE MOST THREATENED PALMS OF THE WORLD: UTILIZED AND NOT UTILIZED

Genus/Species (Names in Bold are reported to be utilized as documented in this report)	Geographical Distribution	IUCN Red List Category/ Year Assessed	Notes
<i>Acanthophoenix rubra</i>	Indian Ocean: Mascarenes	CR 1998	monotypic, island endemic
<i>Aiphanes grandis</i>	South America: Ecuador	EN 2003	population decreasing
<i>Aiphanes leiostachys</i>	South America: Colombia	EN 1998	
<i>Aiphanes verrucosa</i>	South America: Ecuador	En 2003	population decreasing
<i>Alsmithia longipes</i>	Pacific Ocean: Fiji	EN 1998	monotypic; island endemic
<i>Areca concinna</i>	South Asia: Sri Lanka	EN 1998	island endemic
<i>Arenga micrantha</i>	East Asia: China	EN 2004	
<i>Asterogyne yaracuyense</i>	South America: Venezuela	CR 1998	
<i>Astrocaryum minus</i>	South America: French Guiana, Brazil	CR 1998	
<i>Astrocaryum triandrum</i>	South America: Colombia	EN 1998	
<i>Attalea crassispatha</i>	Caribbean: Haiti	CR 1998	island endemic
<i>Bactris nancibaensis</i>	South America: French Guiana	CR 1998	
<i>Bactris setiflora</i>	South America: Ecuador	EN 2003	population decreasing
<i>Balaka macrocarpa</i>	Pacific Ocean: Fiji	CR 1998	island endemic
<i>Balaka microcarpa</i>	Pacific Ocean: Fiji	EN 1998	island endemic
<i>Beccartophoenix madagascariensis</i>	Indian Ocean: Madagascar	CR 1998	monotypic, island endemic
<i>Bentincikia nicobarica</i>	Indian Ocean: (India) Nicobar Islands	EN 1998	island endemic
<i>Borassus sambiranensis</i>	Indian Ocean: Madagascar	EN 1998	island endemic
<i>Brahea edulis</i>	North America: (Mexico) Guadalupe Is.	EN 1998	island endemic
<i>Calamus compositachys</i>	East Asia: China	CR 2004	
<i>Calamus obovoideus</i>	East Asia: China	CR 2004	
<i>Calamus waitlong</i>	East/Southeast Asia: China, Laos, Thailand	CR 2004	
<i>Carpoxylon macrospermum</i>	Pacific Ocean: Vanuatu	CR 1998	monotypic, island endemic
<i>Ceroxylon alpinum</i>	South America: Venezuela to Ecuador	EN 1998	
<i>Ceroxylon amazonicum</i>	South America: Ecuador	EN 2003	population decreasing
<i>Ceroxylon sasainae</i>	South America: Colombia	CR 1998	
<i>Chuniophoenix hatmanensis</i>	East Asia: China, including Haiman Is.	EN 2004	
<i>Clinostigma samoense</i>	Pacific Ocean: Samoa	EN 1998	island endemic
<i>Coccothrinax borhidiana</i>	Caribbean: Cuba	CR 1998	island endemic
<i>Coccothrinax crinita</i>	Caribbean: Cuba	EN 1998	two subsp., island endemic
<i>Copernicia ekmanii</i>	Caribbean: Hispaniola	EN 1998	island endemic

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<i>Cryosophila bartlettii</i>	North America: Panama	EN 1998	
<i>Cryosophila cookii</i>	North America: Costa Rica	CR 1998	
<i>Cryosophila grayumii</i>	North America: Costa Rica	CR 1998	
<i>Cyphophoenix nucule</i>	Pacific Ocean: New Caledonia	CR 1998	island endemic
<i>Cyphosperma tanga</i>	Pacific Ocean: Fiji	CR 1998	island endemic
<i>Cyphosperma vouitmelense</i>	Pacific Ocean: Vanuatu	EN 1998	
<i>Deckenia nobilis</i>	Indian Ocean: Seychelles	EN 1998	monotypic, island endemic
<i>Drymophloeus</i> (= <i>Solfia</i>) <i>samoensis</i>	Pacific Ocean: Samoa	CR 1998	monotypic, island endemic
<i>Dyopsis ambaniæ</i>	Indian Ocean: Madagascar	CR 1998	island endemic
<i>Dyopsis ambostræ</i>	Indian Ocean: Madagascar	CR 1998	island endemic
<i>Dyopsis ampasindavæ</i>	Indian Ocean: Madagascar	EN 1998	island endemic
<i>Dyopsis antamambensis</i>	Indian Ocean: Madagascar	EN 1998	island endemic
<i>Dyopsis arenarum</i>	Indian Ocean: Madagascar	CR 1998	island endemic
<i>Dyopsis basilonga</i>	Indian Ocean: Madagascar	EN 1998	island endemic
<i>Dyopsis bejoto</i>	Indian Ocean: Madagascar	EN 1998	island endemic
<i>Dyopsis boiviniana</i>	Indian Ocean: Madagascar	EN 1998	island endemic
<i>Dyopsis canaliculata</i>	Indian Ocean: Madagascar	CR 1998	island endemic
<i>Dyopsis canescens</i>	Indian Ocean: Madagascar	CR 1998	island endemic
<i>Dyopsis ceracea</i>	Indian Ocean: Madagascar	CR 1998	island endemic
<i>Dyopsis commersoniana</i>	Indian Ocean: Madagascar	CR 1998	island endemic
<i>Dyopsis decipiens</i>	Indian Ocean: Madagascar	EN 1998	island endemic
<i>Dyopsis dransfieldii</i>	Indian Ocean: Madagascar	EN 1998	island endemic
<i>Dyopsis faneva</i>	Indian Ocean: Madagascar	EN 1998	island endemic
<i>Dyopsis hovomantsina</i>	Indian Ocean: Madagascar	CR 1998	island endemic
<i>Dyopsis ifanadianæ</i>	Indian Ocean: Madagascar	CR 1998	island endemic
<i>Dyopsis intermedia</i>	Indian Ocean: Madagascar	CR 1998	island endemic
<i>Dyopsis interrupta</i>	Indian Ocean: Madagascar	CR 1998	island endemic
<i>Dyopsis ligulata</i>	Indian Ocean: Madagascar	CR 1998	island endemic
<i>Dyopsis mangorensis</i>	Indian Ocean: Madagascar	CR 1998	island endemic
<i>Dyopsis nauseosa</i>	Indian Ocean: Madagascar	CR 1998	island endemic
<i>Dyopsis nossibensis</i>	Indian Ocean: Madagascar	CR 1998	island endemic
<i>Dyopsis oropedionis</i>	Indian Ocean: Madagascar	CR 1998	island endemic
<i>Dyopsis ovobontsira</i>	Indian Ocean: Madagascar	CR 1998	island endemic
<i>Dyopsis psammophila</i>	Indian Ocean: Madagascar	CR 1998	island endemic

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<i>Dypsis rivularis</i>	Indian Ocean: Madagascar	EN 1998	island endemic
<i>Dypsis sahanofensis</i>	Indian Ocean: Madagascar	EN 1998	island endemic
<i>Dypsis saintelucei</i>	Indian Ocean: Madagascar	CR 1998	island endemic
<i>Dypsis singularis</i>	Indian Ocean: Madagascar	CR 1998	island endemic
<i>Dypsis tsaravoasira</i>	Indian Ocean: Madagascar	EN 1998	island endemic
<i>Gaussia spiritutana</i>	Caribbean: Cuba	EN 1998	island endemic
<i>Geonoma irena</i>	South America: Ecuador	EN 2003	population decreasing
<i>Hyophorbe amaricaulis</i>	Indian Ocean: Mauritius	CR 2000	island endemic, population decreasing
<i>Hyophorbe indica</i>	Indian Ocean: Réunion	EN 1998	island endemic
<i>Hyophorbe lagenicaulis</i>	Indian Ocean: Mauritius	CR 1998	island endemic
<i>Hyphorbe vaughanii</i>	Indian Ocean: Mauritius	CR 2000	island endemic, population decreasing
<i>Hyphorbe verschaffeltii</i>	Indian Ocean: Rodrigues	CR 1998	island endemic
<i>Keniopsis oliviformis</i>	Pacific Ocean: New Caledonia	EN 1998	island endemic
<i>Latania loddigesii</i>	Indian Ocean: Mauritius	EN 1998	island endemic
<i>Latania lontaroides</i>	Indian Ocean: Réunion	EN 1998	island endemic
<i>Latania verschaffeltii</i>	Indian Ocean: Rodrigues	EN 1998	island endemic
<i>Lavoixia macrocarpa</i>	Pacific Ocean: New Caledonia	CR 1998	monotypic, island endemic
<i>Lemurophoenix halleuxii</i>	Indian Ocean: Madagascar	EN 1998	monotypic, island endemic
<i>Livistona druidei</i>	Australia	EN 1998	
<i>Loxococcus rupicola</i>	South Asia: Sri Lanka	CR 1998	monotypic, island endemic
<i>Marojejya darianii</i>	Indian Ocean: Madagascar	CR 1998	island endemic
<i>Masola kona</i>	Indian Ocean: Madagascar	EN 1998	island endemic
<i>Medemia argun</i>	Africa: Egypt, Sudan	CR 1998	monotypic
<i>Neoveitchia storckii</i>	Pacific Ocean: Fiji	EN 1998	island endemic
<i>Orania trispatha</i>	Indian Ocean: Madagascar	CR 1998	island endemic
<i>Parajubaea sunkha</i>	South America: Bolivia	EN 2006	population unknown
<i>Parajubaea torallyi</i>	South America: Bolivia	EN 1998	
<i>Pelagodoxa henryana</i>	Pacific Ocean: Marquesas	CR 1998	island endemic
<i>Phytelephas tumucana</i>	South America: Colombia	EN 1998	
<i>Pinanga tashiroi</i>	East Asia: Taiwan	CR 2004	island endemic
<i>Plectocomia microstachya</i>	South Asia: Myanmar	EN 2004	
<i>Pritchardia affinis</i>	Pacific Ocean: Hawaiian Islands	CR 1998	island endemic
<i>Pritchardia cyllmer-robinsonii</i>	Pacific Ocean: Hawaiian Islands	CR 1998	island endemic
<i>Pritchardia forbestana</i>	Pacific Ocean: Hawaiian Islands	EN 1998	island endemic

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<i>Pritchardia glabrata</i>	Pacific Ocean: Hawaiian Islands	EN 1998	island endemic
<i>Pritchardia harchi</i>	Pacific Ocean: Hawaiian Islands	CR 1998	island endemic
<i>Pritchardia kaaiae</i>	Pacific Ocean: Hawaiian Islands	CR 1998	island endemic
<i>Pritchardia lanaiensis</i>	Pacific Ocean: Hawaiian Islands	EN 1998	island endemic
<i>Pritchardia lanigera</i>	Pacific Ocean: Hawaiian Islands	EN 1998	island endemic
<i>Pritchardia limahuliensis</i>	Pacific Ocean: Hawaiian Islands	CR 1998	island endemic
<i>Pritchardia munroi</i>	Pacific Ocean: Hawaiian Islands	CR 1998	island endemic
<i>Pritchardia napatienis</i>	Pacific Ocean: Hawaiian Islands	CR 1998	island endemic
<i>Pritchardia perlmanii</i>	Pacific Ocean: Hawaiian Islands	EN 1998	island endemic
<i>Pritchardia remota</i>	Pacific Ocean: Hawaiian Islands	EN 1998	island endemic
<i>Pritchardia schattaueri</i>	Pacific Ocean: Hawaiian Islands	CR 1998	island endemic
<i>Pritchardia viscosa</i>	Pacific Ocean: Hawaiian Islands	CR 1998	island endemic
<i>Pritchardiopsis jeanneneyi</i>	Pacific Ocean: New Caledonia	CR 1998	monotypic, island endemic
<i>Pseudophoenix lediniana</i>	Caribbean: Haiti	CR 1998	island endemic
<i>Ptychosperma gracile</i>	Pacific Ocean: Bismarek Arch.	EN 1998	island endemic
<i>Ptychosperma</i> (= <i>Drymophloeus</i>) <i>hentyi</i>	Pacific Ocean: Bismarek Arch.	EN 1998	island endemic
<i>Ravenea albicans</i>	Indian Ocean: Madagascar	EN 1998	island endemic
<i>Ravenea hildebrandtii</i>	Indian Ocean: Madagascar	EN 1998	island endemic
<i>Ravenea julietiae</i>	Indian Ocean: Madagascar	EN 1998	island endemic
<i>Ravenea lakatra</i>	Indian Ocean: Madagascar	EN 1998	island endemic
<i>Ravenea latisecta</i>	Indian Ocean: Madagascar	EN 1998	island endemic
<i>Ravenea louvelii</i>	Indian Ocean: Madagascar	EN 1998	island endemic
<i>Ravenea moorei</i>	Indian Ocean: Madagascar	CR 1998	island endemic
<i>Ravenea nama</i>	Indian Ocean: Madagascar	EN 1998	island endemic
<i>Ravenea xerophila</i>	Indian Ocean: Madagascar	EN 1998	island endemic
<i>Roystonea dunlapiana</i>	North America: Mexico to Central America Cuba	EN 1998	
<i>Roystonea regia</i>	North America: USA (Florida)	EN 1998	
<i>Roystonea stellata</i>	Caribbean: Cuba	CR 1998	island endemic
<i>Sabal bermudana</i>	Atlantic Ocean: Bermuda	EN 1998	island endemic
<i>Satanala decussilvae</i>	Indian Ocean: Madagascar	EN 1998	monotypic, island endemic
<i>Syagrus macrocarpa</i>	South America: Brazil	EN 1998	
<i>Tectiphiala ferox</i>	Indian Ocean: Mauritius	CR 1998	monotypic, island endemic
<i>Thrinax ekmaniana</i>	Caribbean: Cuba	CR 1998	island endemic
<i>Trachycarpus nanus</i>	East Asia: China	EN 2004	

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<i>Veitchia montgomeryana</i> (= <i>arecina</i>)	Pacific Ocean: Vanuatu	EN 1998	island endemic
<i>Voanioala gerardii</i>	Indian Ocean: Madagascar	CR 1998	monotypic, island endemic
<i>Wettinia hirsuta</i>	South America: Colombia	EN 1998	
<i>Wettinia minima</i>	South America: Ecuador	EN 2003	population unknown

¹ CR = Critically Endangered. The species is considered to be facing an extremely high risk of extinction in the wild.

EN = The species is considered to be facing a very high risk of extinction in the wild.

Note: Palms known to be extinct in the wild are: *Corypha taliera*, South Asia; and *Cryosophila williamsii*, Central America.


Source: Based upon The IUCN Red List of Threatened Species (2008), with updated nomenclature and some additional notes.

NON-WOOD FOREST PRODUCTS

1. Flavours and fragrances of plant origin (1995)
2. Gum naval stores: turpentine and rosin from pine resin (1995)
3. Report of the International Expert Consultation on Non-Wood Forest Products (1995)
4. Natural colourants and dyestuffs (1995)
5. Edible nuts (1995)
6. Gums, resins and latexes of plant origin (1995)
7. Non-wood forest products for rural income and sustainable forestry (1995)
8. Trade restrictions affecting international trade in non-wood forest products (1995)
9. Domestication and commercialization of non-timber forest products in agroforestry systems (1996)
10. Tropical palms (1998)
- 10/Rev.1. Tropical palms – 2010 revision (2010)
11. Medicinal plants for forest conservation and health care (1997)
12. Non-wood forest products from conifers (1998)
13. Resource assessment of non-wood forest products
Experience and biometric principles (2001)
14. Rattan – Current research issues and prospects for conservation and sustainable development (2002)
15. Non-wood forest products from temperate broad-leaved trees (2002)
16. Rattan glossary and Compendium glossary with emphasis on Africa (2004)
17. Wild edible fungi – A global overview of their use and importance to people (2004)
18. World bamboo resources – A thematic study prepared in the framework of the Global Forest Resources Assessment 2005 (2007)
19. Bees and their role in forest livelihoods – A guide to the services provided by bees and the sustainable harvesting, processing and marketing of their products (2009)

BACK COVER BLURB

Palms, belonging to the Arecaceae family, are among the most common plants in tropical countries and provide a vast assortment of products ranging from food to construction materials, fibre and fuel. *Tropical palms*, originally published in 1998, has been updated in 2010 to include the most recent information and developments regarding the conservation status and use of various tropical palm species. It describes the many uses of the products derived from palms and provides updated references and sources of additional information. Palm products are considered both at the subsistence and commercial levels. Using this publication, readers will be able to assess the role of palms and their products within forest management, reforestation, agriculture and nature conservation activities.



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