

CONVENTION ON INTERNATIONAL TRADE IN ENDANGERED SPECIES
OF WILD FAUNA AND FLORA



Twenty-fourth meeting of the Plants Committee
Geneva (Switzerland), 20, 21 and 23-26 July 2018

Species specific matters

Maintenance of the Appendices

Periodic Review of the Appendices

OVERVIEW OF SPECIES UNDER PERIODIC REVIEW

1. This document has been prepared by the Secretariat.
2. In Resolution Conf. 14.8 (Rev. CoP17) on *Periodic review of species included in Appendices I and II*, the Conference of the Parties agrees on a process and guidelines for the Animals and Plants Committees to undertake a periodic review of animal or plant species included in the CITES Appendices, and in paragraph 6:
 6. *DIRECTS the Secretariat to maintain a record of species selected for periodic review, including: species previously and currently reviewed, dates of relevant Committee documents, recommendations from the reviews, and any reports and associated documents.*
3. Annex 1 shows the record of plant species selected for review between the 13th and 15th meetings of the Conference of the Parties (CoP13, Bangkok, 2004 and CoP15, Doha, 2010).
4. The record of plant species selected for review between CoP15 and the 17th meeting of the Conference of the Parties (CoP17, Johannesburg, 2016) is shown in Annex 2.
5. A summary of all cases from Annexes 1 and 2 (selected prior to CoP17) that remain ongoing is presented in Annex 3.
6. The record of plant species selected for review between CoP17 and the 19th meeting of the Conference of the Parties (CoP19, 2022) is shown in Annex 4.
7. In accordance with paragraph 2 c) of Resolution Conf. 14.8 (Rev. CoP17), the Plants Committee initiated the latest review period at their first meeting after CoP17, based on outputs prepared in accordance with paragraph 2 b) of the Resolution [i.e. trade data and analysis for the period 2006-2015, prepared at the request of the Secretariat by the World Conservation Monitoring Centre of the United Nations Environment Programme (UNEP-WCMC)]. The Committee identified a list of taxa to be considered for periodic review during the next two intersessional periods, i.e. between CoP17 and the 19th meeting of the Conference of the Parties in 2022.
8. At its 23rd meeting (PC23, Geneva, July 2017), the Plants Committee considered the information contained in document [PC23 Doc. 29.2](#) and identified seven candidate plant species for potential review under Resolution Conf. 14.8 (Rev. CoP17). The species, as well as the Appendices in which they are included and their range States, are shown in the table below. The range States that have already volunteered to conduct the review are indicated in **bold**.

Taxon	Appendix	Range State
<i>Ariocarpus retusus</i>	I	Mexico
<i>Ceratozamia hildae</i>	I	Mexico
<i>Encephalartos concinnus</i>	I	Zimbabwe
<i>Encephalartos manikensis</i>	I	Mozambique, Zimbabwe
<i>Melocactus paucispinus</i>	I	Brazil
<i>Abies guatemalensis</i>	I	Guatemala, Honduras, Mexico, El Salvador
<i>Caryocar costaricense</i>	II	Colombia, Costa Rica, Panama, Venezuela

9. In accordance with paragraph 2 d) of Resolution Conf. 14.8 (Rev. CoP17), the Secretariat issued [Notification No. 2017/069](#), on 24 October 2017, to inform all Parties of the proposed list of taxa to be reviewed, and to request range States of the taxa to comment within 60 days (by 23 December 2017) on whether they support a review of the taxa and express their interest in undertaking the reviews.
10. There were no responses related to plant species selected for review. The Secretariat hopes to be able to give an oral update at this meeting on other possible reviewers for selected species.
11. A list of abbreviations and the ISO country codes used are contained in Annexes 5 and 6 respectively.

Recommendations

12. The Plants Committee is invited to:
 - a) take note of this document; and
 - b) for the review of *Lewisia serrata*, submitted by the United States of America (see document PC24 Doc. 25.2.1) and in accordance with paragraphs 2 g) and h) of Resolution Conf. 14.8 (Rev. CoP17), determine whether it would be appropriate to retain the taxon in the Appendix in which it is currently listed, transfer the taxon from one Appendix to another or to delete the taxon from the Appendices; and in cases where the current listing is found not to be appropriate, draft its recommendation with reference to the criteria in Resolution Conf. 9.24 (Rev. CoP17) on *Criteria for amendment of Appendices I and II*.

REVIEW PERIOD BETWEEN COP13 (2004) AND COP15 (2010)^{1 2}

Taxon; CITES Appendix	Meeting when the species were selected [paragraph b)]	Date the Parties were informed [paragraph e)]	Date the Standing Committee was informed [paragraph h)]	Document containing the review report [paragraph i)]	Recommen- dation [paragraph j)]	Range States requested to submit proposal [paragraph j (ii)]	IUCN Red List category ³ Range States and territories ^{4 5}	Status of the review ⁶ , reviewing Party, Notes
Medicinal plants								
<i>Saussurea costus</i> (I)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC19 Inf. 7	PC19 SumRec Retain in Appendix I	---	n/a IN, PK	Review completed
<i>Dioscorea deltoidea</i> (II)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	---	---	n/a AF, BT, KH , CN, IN , LA , NP, TH, VN	To be reconsidered between CoP15 & CoP17
Timber species								
<i>Balmea stormiae</i> (I)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	---	Species deleted from review	n/a GT, MX, SV	Review stopped. PC22 Com. 2

¹ In Resolution Conf. 14.8 (Rev. CoP17), the Conference of the Parties agreed that the Committee should establish a schedule for the Periodic Review of the Appendices and identify a list of taxa they propose to review during the next two intersessional periods between meetings of the CoP. The Plants Committee, however, made the current selection of species for review under the guidelines for conducting the periodic review adopted by the Standing Committee at its 51st meeting (Bangkok, October 2004).

² Steps refer to the process laid out in Resolution Conf. 14.8 (Rev. CoP17).

³ The IUCN Red List of Threatened Species, 2014.1, downloaded in June 2015, <http://www.iucnredlist.org/search>

⁴ Range states and territories as per CITES Species +, 2015, <http://www.speciesplus.net/>

⁵ ISO country codes used as abbreviations, see Annex 4 or http://www.iso.org/iso/country_codes/iso_3166_code_lists/country_names_and_code_elements.htm

⁶ As per document PC21 Doc. 19.1, it was agreed that the status of the review should be ascribed to one of the four categories below :

- Review ongoing [species still being considered under paragraphs e) – k) of the Resolution Conf. 14.8 (Rev. CoP15)].
- Review completed (actions under paragraphs j) or k) of the Resolution fully undertaken).
- Review stopped (paragraphs j) or k) of the Resolution not completed and no further action planned).
- Species deleted from review (no volunteer offered to undertake a review, paragraph e) of the Resolution).

Taxon; CITES Appendix	Meeting when the species were selected [paragraph b)]	Date the Parties were informed [paragraph e)]	Date the Standing Committee was informed [paragraph h)]	Document containing the review report [paragraph i)]	Recommendation [paragraph j)]	Range States requested to submit proposal [paragraph j (ii)]	IUCN Red List category ³ Range States and territories ^{4 5}	Status of the review ⁶ , reviewing Party, Notes
<i>Platymiscium pleiostachyum</i> (II)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	Delete in accordance with para e) of Res. Conf. 14.8 (Rev.CoP16) and revise the taxonomic status PC21 WG5 Doc. 1	---	Endangered C1 CR, SV, HN	Review completed. (Representative of Central and South America and the Caribbean)
<i>Podocarpus parlatoresi</i> (I)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC17 Doc. 11 PC18 Doc. 16.1.1 Annex 4	The present listing in Appendix I is appropriate		Near Threatened AR, BO, PE	Review completed. (AR)
Ornamental plants, small taxa								
<i>Agave arizonica</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	---	---	n/a US	Review stopped. CoP14 Prop.22 US Deleted from Appendix I at CoP14 (2007)
<i>Agave parviflora</i> (I)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC17 Doc. 11 Annex 2	Retain in Appendix I		n/a MX, US	Review completed. (US)
<i>Agave victoriae-reginae</i> (II)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC19 Inf. 15	Retain in Appendix II	---	n/a MX	Review completed (MX)
<i>Euphorbia antisyphilitica</i> (II)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	Review: PC17 Doc. 14 PC18 Doc. 16.1.2 Annex 2	The present listing in Appendix II is appropriate. Finished products, however, should be exempted	---	n/a MX, US	Review completed. (MX) Finished products exempted at CoP15 (2010)
<i>Hedychium philippinense</i> (II)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	---	--	n/a PH	To be reconsidered during CoP15-CoP17

Taxon; CITES Appendix	Meeting when the species were selected [paragraph b)]	Date the Parties were informed [paragraph e)]	Date the Standing Committee was informed [paragraph h)]	Document containing the review report [paragraph i)]	Recommendation [paragraph j)]	Range States requested to submit proposal [paragraph j (ii)]	IUCN Red List category ³ Range States and territories ^{4 5}	Status of the review ⁶ , reviewing Party, Notes
<i>Nolina interrata</i> (II)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	---	---	n/a MX, US	Review stopped. CoP14 Prop.23 US Transferred from Appendix I to Appendix II at CoP14 (2007)
<i>Orothamnus zeyheri</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	---	---	n/a ZA	Review stopped. CoP15 Prop.37 ZA Deleted from Appendix II at CoP15 (2010)
<i>Protea odorata</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	---	---	n/a ZA	Review stopped. CoP15 Prop.38 CH Deleted from Appendix II at CoP15 (2010)
<i>Shortia galacifolia</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	---	---	n/a US	Review stopped. CoP14 Prop.28 CH Deleted from Appendix II at CoP14 (2007)
<i>Tillandsia harrisii</i> (II)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 3	The present listing in Appendix II is appropriate		n/a GT	Review completed. GT
<i>Tillandsia kammii</i> (II)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	Species deleted from review.	---	n/a HN	Review stopped. PC22 Com. 2
<i>Tillandsia kautskyi</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC20 Doc. 16.1.1, Annex 1	Retain species in Appendix I. PC20 (2012)	BR	n/a BR	Review completed BR CoP16 Prop.54 CoP16 decision to delete from Appendix II (2013)

Taxon; CITES Appendix	Meeting when the species were selected [paragraph b)]	Date the Parties were informed [paragraph e)]	Date the Standing Committee was informed [paragraph h)]	Document containing the review report [paragraph i)]	Recommendation [paragraph j)]	Range States requested to submit proposal [paragraph j (ii)]	IUCN Red List category ³ Range States and territories ^{4 5}	Status of the review ⁶ , reviewing Party, Notes
<i>Tillandsia mauryana</i> (II)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	Delete from App. II PC21 (2014)	MX to present at COP17	n/a MX	Review completed. MX CoP17 Prop.51 CoP17 decision to delete from Appendix II (2016)
<i>Tillandsia sprengeliana</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC20 Doc.16.1.1 Annex 1	Retain species in Appendix I. PC20 (2012)	BR	n/a BR	Review completed. BR CoP15 Prop.55 CoP16 decision to delete from Appendix II (2013)
<i>Tillandsia sucrei</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC20 Doc.16.1.1 Annex 1	Retain species in Appendix I. PC20 (2012)	BR	n/a BR	Review completed BR CoP16 Prop.56 CoP16 decision to delete from Appendix II (2013)
<i>Welwitschia mirabilis</i> (II)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC20 Doc.16.1.1 Annex 1	Retain species in Appendix I. PC20 (2012)	---	n/a NA	Review completed. NA
Ornamental plants, large taxa								
<i>Pereskia</i> spp. (17 species)								
<i>Pereskia aculeate</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	---	---	n/a AG, AR, BB, BR, CO , CU, DM, DO, EC, GF, GP, MQ GY, HT, MX, PA, PY, PE, KN, VC, SR, TT, VG, MS US,VI, PR. UY, VE	Review stopped. CoP14 Prop.24 AR Deleted from Appendix II at CoP14 (2007)
<i>Pereskia aureiflora</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	---	---	Endangered A2c+4c BR	Review stopped. CoP14 Prop.24 AR Deleted from Appendix II at CoP14 (2007)

Taxon; CITES Appendix	Meeting when the species were selected [paragraph b)]	Date the Parties were informed [paragraph e)]	Date the Standing Committee was informed [paragraph h)]	Document containing the review report [paragraph i)]	Recommendation [paragraph j)]	Range States requested to submit proposal [paragraph j (ii)]	IUCN Red List category ³ Range States and territories ^{4 5}	Status of the review ⁶ , reviewing Party, Notes
<i>Pereskia bahiensis</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	---	---	Least Concern BR	Review stopped. CoP14 Prop.24 AR Deleted from Appendix II at CoP14 (2007)
<i>Pereskia bleo</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	---	---	Least Concern CO, PA	Review stopped. CoP14 Prop.24 AR Deleted from Appendix II at CoP14 (2007)
<i>Pereskia diaz-romeroana</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	---	---	Least Concern BO	Review stopped. CoP14 Prop.24 AR Deleted from Appendix II at CoP14 (2007)
<i>Pereskia grandifolia</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	---	---	Least Concern BR	Review stopped. CoP14 Prop.24 AR Deleted from Appendix II at CoP14 (2007)
<i>Pereskia guamacho</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	---	---	Least Concern CO NL Antilles; VE	Review stopped. CoP14 Prop.24 AR Deleted from Appendix II at CoP14 (2007)
<i>Pereskia horrida</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	---	---	Least Concern PE	Review stopped. CoP14 Prop.24 AR Deleted from Appendix II at CoP14 (2007)

Taxon; CITES Appendix	Meeting when the species were selected [paragraph b)]	Date the Parties were informed [paragraph e)]	Date the Standing Committee was informed [paragraph h)]	Document containing the review report [paragraph i)]	Recommendation [paragraph j)]	Range States requested to submit proposal [paragraph j (ii)]	IUCN Red List category ³ Range States and territories ^{4 5}	Status of the review ⁶ , reviewing Party, Notes
<i>Pereskia lychnidiflora</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC16 Inf. 6	Deletion from Appendix II supported if MX puts forward a proposal	---	Least Concern, CR, SV, HN, MX, NI, PA	Review completed. MX CoP14 Prop.24 AR Deleted from Appendix II at CoP14 (2007)
<i>Pereskia marcanoi</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	---	---	Vulnerable B2ab(iii) DO, HT	Review stopped. CoP14 Prop.24 AR Deleted from Appendix II at CoP14 (2007)
<i>Pereskia nemorosa</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	---	---	Least Concern AR, BR, PY	Review stopped. CoP14 Prop.24 AR Deleted from Appendix II at CoP14 (2007)
<i>Pereskia portulacifolia</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	---	---	Vulnerable B1ab(iii) DO, HT	Review stopped. CoP14 Prop.24 AR Deleted from Appendix II at CoP14 (2007)
<i>Pereskia quisqueyana</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	---	---	Critically Endangered B1ab(iii)+2ab(iii) DO	Review stopped. CoP14 Prop.24 AR Deleted from Appendix II at CoP14 (2007)
<i>Pereskia sacharosa</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	---	---	n/a AR, BO, BR, PY	Review stopped. CoP14 Prop.24 AR Deleted from Appendix II at CoP14 (2007)

Taxon; CITES Appendix	Meeting when the species were selected [paragraph b)]	Date the Parties were informed [paragraph e)]	Date the Standing Committee was informed [paragraph h)]	Document containing the review report [paragraph i)]	Recommendation [paragraph j)]	Range States requested to submit proposal [paragraph j (ii)]	IUCN Red List category ³ Range States and territories ^{4 5}	Status of the review ⁶ , reviewing Party, Notes
<i>Pereskia stenantha</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	---	---	Least Concern BR	Review stopped. CoP14 Prop.24 AR Deleted from Appendix II at CoP14 (2007)
<i>Pereskia weberiana</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	---	---	Least Concern BO	Review stopped. CoP14 Prop.24 AR Deleted from Appendix II at CoP14 (2007)
<i>Pereskia zinniiflora</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	---	---	Vulnerable B2ab(iii) CU	Review stopped. CoP14 Prop.24 AR Deleted from Appendix II at CoP14 (2007)
<i>Pereskopsis</i> spp. (7 species)								
<i>Pereskopsis aquosa</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC16 Inf. 6	Deletion from the Appendices supported if MX puts forward a proposal	---	Least Concern MX	Review completed. CoP14 Prop.25 (MX) Deleted from Appendix II at CoP14 (2007)
<i>Pereskopsis blakeana</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC16 Inf. 6	Deletion from the Appendices supported if MX puts forward a proposal	---	Least Concern MX	Review completed. CoP14 Prop.25 (MX) Deleted from Appendix II at CoP14 (2007)
<i>Pereskopsis diguetii</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC16 Inf. 6	Deletion from the Appendices supported if MX puts forward a proposal	---	Least Concern MX	Review completed. CoP14 Prop.25 (MX) Deleted from Appendix II at CoP14 (2007)

Taxon; CITES Appendix	Meeting when the species were selected [paragraph b)]	Date the Parties were informed [paragraph e)]	Date the Standing Committee was informed [paragraph h)]	Document containing the review report [paragraph i)]	Recommendation [paragraph j)]	Range States requested to submit proposal [paragraph j (ii)]	IUCN Red List category ³ Range States and territories ^{4 5}	Status of the review ⁶ , reviewing Party, Notes
<i>Pereskiopsis kellermanii</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC16 Inf. 6	Deletion from the Appendices supported if MX puts forward a proposal	---	Least Concern GT, HN, MX	Review completed. CoP14 Prop.25 (MX) Deleted from Appendix II at CoP14 (2007)
<i>Pereskiopsis porteri</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC16 Inf. 6	Deletion from the Appendices supported if MX puts forward a proposal	---	Least Concern MX	Review completed. CoP14 Prop.25 (MX) Deleted from Appendix II at CoP14 (2007)
<i>Pereskiopsis rotundifolia</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC16 Inf. 6	Deletion from the Appendices supported if MX puts forward a proposal	---	Least Concern MX	Review completed. CoP14 Prop.25 (MX) Deleted from Appendix II at CoP14 (2007)
<i>Pereskiopsis spathulata</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC16 Inf. 6	Deletion from the Appendices supported if MX puts forward a proposal	---	n/a MX	Review completed. CoP14 Prop.25 (MX) Deleted from Appendix II at CoP14 (2007)

Taxon; CITES Appendix	Meeting when the species were selected [paragraph b)]	Date the Parties were informed [paragraph e)]	Date the Standing Committee was informed [paragraph h)]	Document containing the review report [paragraph i)]	Recommendation [paragraph j)]	Range States requested to submit proposal [paragraph j (ii)]	IUCN Red List category ³ Range States and territories ^{4 5}	Status of the review ⁶ , reviewing Party, Notes
<i>Sclerocactus</i> spp. (15 species)								
<i>Sclerocactus brevihamatus</i> (II)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC22 Doc. 20.3.3 (Rev. 1)	Retain in App. II PC22 (2015)	---	Least Concern US	Review completed. Retained in App. II CoP17, Proposal 52
<i>Sclerocactus erectocentrus</i> (I)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC22 Doc. 20.3.3 (Rev. 1)	PC22 (2015)	---	Least Concern MX, US	Review completed. Retained in App. I CoP17, Proposal 52
<i>Sclerocactus glaucus</i> (I) ⁷	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC22 Doc. 20.3.3 (Rev. 1)	Retain in App. II PC22 (2015)	---	Least Concern US	Review completed. Retained in App. I CoP17, Proposal 52
<i>Sclerocactus intertextus</i> (II)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC22 Doc. 20.3.3 (Rev. 1)	Retain in App. II PC22 (2015)	---	Least Concern MX, US	Review completed. Retained in App. II CoP17, Proposal 52
<i>Sclerocactus johnsonii</i> (II)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC22 Doc. 20.3.3 (Rev. 1)	Retain in App. II PC22 (2015)	---	Least Concern US	Review completed. Retained in App. II CoP17, Proposal 52
<i>Sclerocactus mariposensis</i> (I)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC22 Doc. 20.3.3 (Rev. 1)	Retain in App. II PC22 (2015)	---	Least Concern MX, US	Review completed. Retained in App. I CoP17, Proposal 52
<i>Sclerocactus mesae-verdae</i> (I)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC22 Doc. 20.3.3 (Rev. 1)	Retain in App. II PC22 (2015)	---	Least Concern US	Review completed. Retained in App. I CoP17, Proposal 52
<i>Sclerocactus nyensis</i> (I)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC22 Doc. 20.3.3 (Rev. 1)	Retain in App. II PC22 (2015)	---	Endangered B1ab(iii,iv) US	Review completed. Retained in App. I CoP17, Proposal 52
<i>Sclerocactus papyracanthus</i> (I)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC22 Doc. 20.3.3 (Rev. 1)	Retain in App. II PC22 (2015)	---	n/a US	Review completed. Retained in App. I CoP17, Proposal 52
<i>Sclerocactus parviflorus</i> (II) ⁸	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC22 Doc. 20.3.3 (Rev. 1)	Retain in App. II PC22 (2015)	---	Least Concern US	Review completed. , Retained in App. II CoP17, Proposal 52
<i>Sclerocactus polyancistrus</i> (II)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC22 Doc. 20.3.3 (Rev. 1)	Retain in App. II PC22 (2015)	---	Least Concern US	Review completed. Retained in App. II CoP17, Proposal 52

⁷ *Sclerocactus glaucus* was split into *Sclerocactus glaucus*, *Sclerocactus brevispinus*, *Sclerocactus wetlandicus* following taxonomic changes adopted at CoP17

⁸ *Sclerocactus cloverae* (I) was split from *Sclerocactus parviflorus* in 2017, following taxonomic changes adopted at CoP17

Taxon; CITES Appendix	Meeting when the species were selected [paragraph b)]	Date the Parties were informed [paragraph e)]	Date the Standing Committee was informed [paragraph h)]	Document containing the review report [paragraph i)]	Recommendation [paragraph j)]	Range States requested to submit proposal [paragraph j (ii)]	IUCN Red List category ³ Range States and territories ^{4 5}	Status of the review ⁶ , reviewing Party, Notes
<i>Sclerocactus pubispinus</i> (I)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC22 Doc. 20.3.3 (Rev. 1)	Retain in App. II PC22 (2015)	---	Least Concern US	Review completed. Retained in App. I CoP17, Proposal 52
<i>Sclerocactus scheeri</i> (II)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC22 Doc. 20.3.3 (Rev. 1)	Retain in App. II PC22 (2015)	---	Least Concern MX, US	Review completed. Retained in App. II CoP17, Proposal 52
<i>Sclerocactus sileri</i> (II)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC22 Doc. 20.3.3 (Rev. 1)	---	---	Vulnerable A4ac US	Review completed. CoP 17 Transferred to App.I CoP 17 Proposal 52 CoP17 decision to transfer from Appendix II to Appendix I
<i>Sclerocactus spinosior</i> (II)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC22 Doc. 20.3.3 (Rev. 1)	---	---	Least Concern US	Review completed. , Retained in App. II CoP17, Proposal 52
<i>Cycas beddomei</i> (I)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC20 Doc.16.2, Annex 1.	Retain species in Appendix I. PC20 (2012)	---	Endangered B1ab(i,ii,iii,iv,v)+2 ab(i,ii,iii,iv,v) IN	Review completed. PC20-SumRec (NL)
Didiereaceae spp. (17 species) PC22 recommended to retain 11 species in Appendix II								
<i>Alluaudia ascendens</i> (II) = <i>Didierea ascendens</i> Drake	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5	PC18	---	n/a MG	Review completed. ¹ MG submitted PC22 Doc. 20.3.1
<i>Alluaudia comosa</i> (II) = <i>Didierea comosa</i> Drake	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5	PC18	---	n/a MG	Review completed. ¹ MG submitted PC22 Doc. 20.3.1

¹ At PC18, the Committee maintained an intersessional working group on *Aloe* spp. and *Euphorbia* spp. – both listed in Appendix I – and Didiereaceae spp. The reviews required under the provisions of the Resolution Conf. 14.8 (Rev. CoP17) were presented in document [PC18 Doc. 16.1.1](#), Annex 5, but it is not clear if there is enough information for the Committee to decide whether or not the listing criteria established by the Resolution Conf. 9.24 (Rev. CoP16) have been met. The Plants Committee, at its 21st meeting, agreed that there is insufficient information to determine if the 17 species of *Aloe* spp. in Appendix I; 17 species of Didiereaceae spp. in Appendix II and 10 species of *Euphorbia* spp. in Appendix I that were selected for the review period CoP13-CoP15 are appropriately listed in the Appendices. Madagascar was requested to submit a revised and updated version of Annex 5 of document [PC18 Doc. 16.1.1](#) to PC22, which should contain recommendations for the appropriate listing of the species and which should be translated. At PC22, Madagascar introduced document [PC22 Doc. 20.3.1](#). While noting that Didiereaceae was not endemic to Madagascar, speakers supported the conclusion reached by Madagascar, proposing no change to the current listing of these species. The review of *Aloe helenae* from Madagascar is ongoing (see Annex 1).

Taxon; CITES Appendix	Meeting when the species were selected [paragraph b)]	Date the Parties were informed [paragraph e)]	Date the Standing Committee was informed [paragraph h)]	Document containing the review report [paragraph i)]	Recommendation [paragraph j)]	Range States requested to submit proposal [paragraph j (ii)]	IUCN Red List category ³ Range States and territories ^{4 5}	Status of the review ⁶ , reviewing Party, Notes
<i>Alluaudia dumosa</i> (II) = <i>Didierea dumosa</i> Drake	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5	PC18	---	n/a MG	Review completed. ¹ MG submitted PC22 Doc. 20.3.1
<i>Alluaudia geayi</i> (II)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	PC18	---	n/a MG	Review completed. ¹ Madagascar informed that this species was not found again although it could be confused with other species
<i>Alluaudia humbertii</i> (II)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5	PC18	---	n/a MG	Review completed. ¹ MG submitted PC22 Doc. 20.3.1
<i>Alluaudia montagnacii</i> (II)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5	PC18	---	n/a MG	Review completed. ¹ MG submitted PC22 Doc. 20.3.1
<i>Alluaudia procera</i> (II) ⁹	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5	PC18	---	Lower Risk/near threatened MG	Review completed. ¹ MG submitted PC22 Doc. 20.3.1
<i>Alluaudiopsis fiherenensis</i> (II)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5	PC18	---	n/a MG	Review completed. ¹ MG submitted PC22 Doc. 20.3.1
<i>Alluaudiopsis marnieriana</i> (II)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5	PC18	---	n/a MG	Review completed. ¹ MG submitted PC22 Doc. 20.3.1
<i>Decarya madagascariensis</i> (II)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5	PC18	---	n/a MG	Review completed. ¹ MG submitted PC22 Doc. 20.3.1

⁹ Madagascar proposed *Didierea procera* Drake = *Alluaudia procera* (Drake) Drake

Taxon; CITES Appendix	Meeting when the species were selected [paragraph b)]	Date the Parties were informed [paragraph e)]	Date the Standing Committee was informed [paragraph h)]	Document containing the review report [paragraph i)]	Recommendation [paragraph j)]	Range States requested to submit proposal [paragraph j (ii)]	IUCN Red List category ³ Range States and territories ^{4 5}	Status of the review ⁶ , reviewing Party, Notes
<i>Didierea ascendens</i> (II) = <i>Alluaudia ascendens</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	PC18	---	n/a MG	Review completed ¹ MG submitted PC22 Doc. 20.3.1
<i>Didierea comosa</i> (II) = <i>Alluaudia comosa</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	PC18	---	n/a MG	MG submitted PC22 Doc. 20.3.1
<i>Didierea dumosa</i> (II) = <i>Alluaudia dumosa</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	PC18	---	n/a MG	Review completed ¹ MG submitted PC22 Doc. 20.3.1
<i>Didierea madagascariensis</i> ¹⁰ (II) = <i>Didierea mirabilis</i> Baill.	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5	PC18	---	n/a MG	MG submitted PC22 Doc. 20.3.1
<i>Didierea mirabilis</i> (II) = <i>Didierea madagascariensis</i> ¹¹	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	PC18	---	n/a MG	Review completed ¹ MG submitted PC22 Doc. 20.3.1
<i>Didierea procera</i> (II) = <i>Alluaudia procera</i> (Drake) ¹⁰	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	PC18	---	n/a MG	Review completed ¹
<i>Didierea trollii</i> (II)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5	PC18	---	n/a MG	MG submitted PC22 Doc. 20.3.1
<i>Euphorbia</i> spp. All species in App. I (10 species) PC22 recommended to retain in Appendix I								
<i>Euphorbia ambovombensis</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5, PC18 Inf. 7	PC18	---	Vulnerable D2 MG	Review completed ¹ MG submitted PC22 Doc. 20.3.1
<i>Euphorbia capsaintemariensis</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5, and PC18 Inf. 7	PC18	---	n/a MG	Review completed ¹ MG submitted PC22 Doc. 20.3.1
<i>Euphorbia cremersii</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5	PC18	---	n/a MG	Review completed ¹ MG submitted PC22 Doc. 20.3.1
<i>Euphorbia cylindrifolia</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5, and PC18 Inf. 7	PC18	---	Endangered B1ab(iii)+2ab(iii) MG	MG submitted PC22 Doc. 20.3.1

¹⁰ Madagascar proposed *Didierea mirabilis* Baill = *Didierea madagascariensis* Baill

Taxon; CITES Appendix	Meeting when the species were selected [paragraph b)]	Date the Parties were informed [paragraph e)]	Date the Standing Committee was informed [paragraph h)]	Document containing the review report [paragraph i)]	Recommen- dation [paragraph j)]	Range States requested to submit proposal [paragraph j (ii)]	IUCN Red List category ³ Range States and territories ^{4 5}	Status of the review ⁶ , reviewing Party, Notes
<i>Euphorbia decaryi</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5 and PC18 Inf. 7	PC18	---	Endangered B1ab(iii)+2ab(iii) MG	Review completed. ¹ MG submitted PC22 Doc. 20.3.1
<i>Euphorbia francoisii</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5	PC18	---	Critically Endangered B1ab(iii,v) MG	Review completed. ¹ MG submitted PC22 Doc. 20.3.1
<i>Euphorbia moratii</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5	PC18	---	Vulnerable D2 MG	Review completed. ¹ MG submitted PC22 Doc. 20.3.1
<i>Euphorbia parvicyathophora</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5 and PC18 Inf. 7	PC18	---	Critically Endangered B1ab(iii)+2ab(iii) MG	Review completed. ¹ MG submitted PC22 Doc. 20.3.1
<i>Euphorbia quartziticola</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5, and PC18 Inf. 7	PC18	---	Endangered B1ab(iii)+2ab(iii) MG	Review completed. ¹ MG submitted PC22 Doc. 20.3.1
<i>Euphorbia tulearensis</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5, and PC18 Inf. 7	PC18	---	Critically Endangered B1ab(iii,v)+2ab(iii, v) MG	Review completed. ¹ MG submitted PC22 Doc. 20.3.1
<i>Aloe</i> spp. All Malagasy species in App. I (17 species) PC22 recommended to retain in Appendix I								
<i>Aloe albiflora</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5	PC18	---	n/a MG	Review completed. ¹ MG submitted PC22 Doc. 20.3.1
<i>Aloe alfredii</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5	PC18	---	n/a MG	Review completed. MG submitted PC22 Doc. 20.3.1
<i>Aloe bakeri</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5	PC18	---	n/a MG	Review completed. ¹ MG submitted PC22 Doc. 20.3.1
<i>Aloe bellatula</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5	PC18	---	n/a MG	Review completed. MG submitted PC22 Doc. 20.3.1
<i>Aloe calcairophila</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5 and PC18 Inf. 7	PC18	---	n/a MG	Review completed. ¹ MG submitted PC22 Doc. 20.3.1

Taxon; CITES Appendix	Meeting when the species were selected [paragraph b)]	Date the Parties were informed [paragraph e)]	Date the Standing Committee was informed [paragraph h)]	Document containing the review report [paragraph i)]	Recommendation [paragraph j)]	Range States requested to submit proposal [paragraph j (ii)]	IUCN Red List category ³ Range States and territories ^{4 5}	Status of the review ⁶ , reviewing Party, Notes
<i>Aloe compressa</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5	PC18	---	n/a MG	Review completed. MG submitted PC22 Doc. 20.3.1
<i>Aloe delphinensis</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5	PC18	---	n/a MG	Review completed. ¹ MG submitted PC22 Doc. 20.3.1
<i>Aloe descoingsii</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5	PC18	---	n/a MG	Review completed.
<i>Aloe fragilis</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	--	PC18	---	n/a MG	Review completed ¹
<i>Aloe haworthioides</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5 and PC18 Inf. 7	PC18	---	n/a MG	Review completed. MG submitted PC22 Doc. 20.3.1
<i>Aloe helenae</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5	PC18	---	Critically Endangered D MG	Review ongoing. ¹ MG submitted PC22 Doc. 20.3.1
<i>Aloe laeta</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5	PC18	---	n/a MG	Review completed.. MG submitted PC22 Doc. 20.3.1
<i>Aloe parallelifolia</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5 and PC18 Inf. 7	PC18	---	n/a MG	Review completed. ¹ MG submitted PC22 Doc. 20.3.1
<i>Aloe parvula</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5 and PC18 Inf. 7	PC18	---	n/a MG	Review completed.. MG submitted PC22 Doc. 20.3.1
<i>Aloe rauhi</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5	PC18	---	n/a MG	Review completed. ¹ MG submitted PC22 Doc. 20.3.1
<i>Aloe suzannae</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5	PC18	---	Critically Endangered D MG	Review completed. ¹ MG submitted PC22 Doc. 20.3.1
<i>Aloe versicolor</i>	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	PC18 Doc. 16.1.1 Annex 5	PC18	---	n/a MG	Review completed ¹ MG submitted PC22 Doc. 20.3.1

Taxon; CITES Appendix	Meeting when the species were selected [paragraph b)]	Date the Parties were informed [paragraph e)]	Date the Standing Committee was informed [paragraph h)]	Document containing the review report [paragraph i)]	Recommen- dation [paragraph j)]	Range States requested to submit proposal [paragraph j (ii)]	IUCN Red List category ³ Range States and territories ^{4 5}	Status of the review ⁶ , reviewing Party, Notes
<i>Peristeria elata</i> (I)	PC15 (May 2005)	19 July 2005 Notification No. 2005/037	2 June 2007 (SC55 Doc. 18)	---	Delete in accordance with para e) of Res. Conf. 14.8 (Rev.CoP16) PC21 WG5 Doc. 1	---	n/a CO, CR, EC, SV,PA, VE	Review completed (Representative of Central and South America and the Caribbean)

REVIEW PERIOD BETWEEN COP15 (2010) AND COP17 (2016)^{2112 3}

Taxon; CITES Appendix	Meeting when the species were selected [paragraph b)] ²	Date the Parties were informed [paragraph e)]	Date the Standing Committee was informed [paragraph f)]	Document containing the review report [paragraph i)]	Recommendati on [paragraph j)]	Range States requested to submit proposal [paragraph j (ii)]	IUCN category ⁴ and Range States and territories ^{5 6}	Status of the review, ⁷ reviewing Party, Notes and Proposals
Apocynaceae								
<i>Pachypodium brevicaule</i> (II)	PC19 (April 2011)	21 September 2011 Notification No. 2011/038	27 July 2012		PC 22 recommended to maintain in App. II		n/a MG	Review completed MG submitted PC22 Doc. 20.3.2
Crassulaceae								
<i>Dudleya stolonifera</i>	PC19 (April 2011)	21 September 2011 Notification No. 2011/038	27 July 2012	CoP16 Prop.57			n/a US	Review stopped CoP16 Prop.57 (US) CoP16 deleted from Appendix II (2013)
Portulacaceae								
<i>Lewisia serrata</i> (II)	PC19 (April 2011)	21 September 2011 Notification No. 2011/038	27 July 2012				n/a US	Review ongoing (US) PC22 Com. 2

² In Resolution Conf. 14.8 (Rev. CoP17), the Conference of the Parties agreed that the Committee should establish a schedule for the Periodic Review of the Appendices and identify a list of taxa they propose to review during the next two intersessional periods between meetings of the CoP. The Plants Committee, however, made the current selection of species for review under the guidelines for conducting the periodic review adopted by the Standing Committee at its 51st meeting (Bangkok, October 2004).

³ Steps refer to the process laid out in Resolution Conf. 14.8 (Rev. CoP17).

⁴ The IUCN Red List of Threatened Species, 2014.1, downloaded in June 2015, <http://www.iucnredlist.org/search>

⁵ Range states and territories as per CITES Species +, 2015, <http://www.speciesplus.net/>

⁶ ISO countries codes used as abbreviations, see Annex 4 or http://www.iso.org/iso/country_codes/iso_3166_code_lists/country_names_and_code_elements.htm

⁷ As per document PC21 Doc. 19.1, it was agreed that the status of the review should be ascribed to one of the four categories below :

- Review ongoing [species still being considered under paragraphs e) – k) of the Resolution Conf. 14.8 (Rev. CoP15)].
- Review completed (actions under paragraphs j) or k) of the Resolution fully undertaken).
- Review stopped (paragraphs j) or k) of the Resolution not completed and no further action planned).
- Species deleted from review (no volunteer offered to undertake a review, paragraph e) of the Resolution).

Taxon; CITES Appendix	Meeting when the species were selected [paragraph b)] ²	Date the Parties were informed [paragraph e)]	Date the Standing Committee was informed [paragraph f)]	Document containing the review report [paragraph i)]	Recommendati on [paragraph j)]	Range States requested to submit proposal [paragraph j (ii)]	IUCN category ⁴ and Range States and territories ^{5 6}	Status of the review, ⁷ reviewing Party, Notes and Proposals
Bromeliaceae								
<i>Tillandsia kammii</i> (II)	PC19 (April 2011)	21 September 2011 Notification No. 2011/038	27 July 2012		Species deleted from review.		n/a HN	Review stopped. PC22 Com. 2
<i>Tillandsia mauryana</i> (II)	PC19 (April 2011)	21 September 2011 Notification No. 2011/038	27 July 2012		Delete from App. II PC21 (2014)	MX to present a proposal to delete species at CoP17 PC21 WG5 Doc. 1	n/a MX	Review completed. (MX) PC22 Com. 2
Cycadaceae								
<i>Cycas beddomei</i> (I)	PC19 (April 2011)	21 September 2011 Notification No. 2011/038	27 July 2012	PC20 Doc. 16.2, Annex 1	Retain species in Appendix I, PC20 (2012)	—	Endangered B1ab(i,ii,iii,iv,v)+2ab (i,ii,iii,iv,v) IN	Review completed (NL)
Dioscoreaceae								
<i>Dioscorea deltoidea</i> (II)	PC19 (April 2011)	21 September 2011 Notification No. 2011/038	27 July 2012				n/a AF, BT, KH, CN, IN, LA, NP, TH, VN	Review ongoing; PC22 requested to contact range States. Reviewer required
Zingiberaceae								
<i>Hedychium philippinense</i> (II)	PC19 (April 2011)	21 September 2011 Notification No. 2011/038	27 July 2012	PC23 Doc. 29.3			n/a PH	Review ongoing. PC23 encouraged PH to submit revised document to PC24.

SUMMARY OF ONGOING PERIODIC REVIEWS FOR SPECIES SELECTED PRIOR TO COP17, AS OF MAY 2017

Taxon; CITES Appendix	Meeting when the species were selected [paragraph b)] ²	Date the Parties were informed [paragraph e)]	Date the Standing Committee was informed [paragraph f)]	Document containing the review report [paragraph i)]	Recommendati on [paragraph g)]	Range States requested to submit proposal [paragraph i (i and ii)]	IUCN category ⁴ and Range States and territories ^{5 6}	Status of the review, ⁷ reviewing Party, Notes and Proposals
Dioscoreaceae								
<i>Dioscorea deltoidea</i> (II)	PC19 (April 2011)	21 September 2011 Notification No. 2011/038	27 July 2012				n/a AF, BT, KH, CN, IN, LA, NP, TH, VN	Review ongoing; PC22 requested to contact range States. Reviewer required
Portulacaceae								
<i>Lewisia serrata</i> (II)	PC19 (April 2011)	21 September 2011 Notification No. 2011/038	27 July 2012	PC24 Doc. 25.2.1			n/a US	Review to be considered at PC24 (US) PC22 Com. 2
Zingiberaceae								
<i>Hedychium philippinense</i> (II)	PC19 (April 2011)	21 September 2011 Notification No. 2011/038	27 July 2012	PC23 Doc. 29.3			n/a PH	Review ongoing. PC23 encouraged PH to submit revised document to PC24.

REVIEW PERIOD COP17 (2016) TO COP19 (2022)

Taxon; CITES Appendix	Meeting when the species were selected [paragraph b)] ²	Date the Parties were informed [paragraph e)]	Date the Standing Committee was informed [paragraph f)]	Document containing the review report [paragraph i)]	Recommendati on [paragraph g)]	Range States requested to submit proposal [paragraph i (i and ii)]	IUCN category ⁴ and Range States and territories ^{5 6}	Status of the review, ⁷ reviewing Party, Notes and Proposals
Cactaceae								
<i>Ariocarpus retusus</i> (I)	PC23 (July 2017)	24 October 20117 Notification No. 2017/069	1 December 2017	PC23 Doc. 29.2			Least concern MX	Mexico volunteered to undertake review.
<i>Melocactus paucispinus</i> (I)	PC23 (July 2017)	24 October 20117 Notification No. 2017/069	1 December 2017	PC23 Doc. 29.2			Least concern BR	
<i>Melocactus paucispinus</i> (I)	PC23 (July 2017)	24 October 20117 Notification No. 2017/069	1 December 2017	PC23 Doc. 29.2			Least concern BR	
Caryocaraceae								
<i>Caryocar costaricense</i> (II)	PC23 (July 2017)	24 October 20117 Notification No. 2017/069	1 December 2017	PC23 Doc. 29.2			Vulnerable A1acd CO, CR	
Pinaceae								
<i>Abies guatemalensis</i> (I)	PC23 (July 2017)	24 October 20117 Notification No. 2017/069	1 December 2017	PC23 Doc. 29.2			Endangered A2acd SV, GT, HN, MX	
Zamiaceae								
<i>Ceratozamia hildae</i> (I)	PC23 (July 2017)	24 October 20117 Notification No. 2017/069	1 December 2017	PC23 Doc. 29.2			Endangered A2abcd MX	Mexico volunteered to undertake review.
<i>Encephalartos concinnus</i> (I)	PC23 (July 2017)	24 October 20117 Notification No. 2017/069	1 December 2017	PC23 Doc. 29.2			Endangered A2acd ZW	Zimbabwe volunteered to undertake review.

Taxon; CITES Appendix	Meeting when the species were selected [paragraph b)] ²	Date the Parties were informed [paragraph e)]	Date the Standing Committee was informed [paragraph f)]	Document containing the review report [paragraph i)]	Recommendati on [paragraph g)]	Range States requested to submit proposal [paragraph i (i and ii)]	IUCN category ⁴ and Range States and territories ^{5 6}	Status of the review, ⁷ reviewing Party, Notes and Proposals
<i>Encephalartos manikensis (I)</i>	PC23 (July 2017)	24 October 20117 Notification No. 2017/069	1 December 2017	PC23 Doc. 29.2			Vulnerable A2acd MZ, ZW	Zimbabwe volunteered to undertake review.

List of abbreviations

The **IUCN Red List of Threatened Species** (also known as the **IUCN Red List** or **Red Data List**), founded in 1963, is the world's most comprehensive inventory of the global [conservation](#) status of [biological species](#).

n/a – This taxon has not yet been assessed for the IUCN Red List

IUCN Categories:

- Extinct (EX) – No known individuals remaining.
- Extinct in the Wild (EW) – Known only to survive in captivity, or as a naturalized population outside its historic range.
- Critically Endangered (CR) – Extremely high risk of extinction in the wild.
- Endangered (EN) – High risk of extinction in the wild.
- Vulnerable (VU) – High risk of endangerment in the wild.
- Near Threatened (NT) – Likely to become endangered in the near future.
- Least Concern (LC) – Lowest risk. Does not qualify for a more at risk category. Widespread and abundant taxa are included in this category.
- Data Deficient (DD) – Not enough data to make an assessment of its risk of extinction.
- Not Evaluated (NE) – Has not yet been evaluated against the criteria.

IUCN Criteria for CRITICALLY ENDANGERED, ENDANGERED AND VULNERABLE:

There is a hierarchical alphanumeric numbering system of criteria and subcriteria. More info could be found on http://www.iucnredlist.org/static/categories_criteria_3_1

ISO Country Codes

Code	Country Name	Code	Country Name
AF	AFGHANISTAN	BN	BRUNEI DARUSSALAM
AX	ÅLAND ISLANDS	BG	BULGARIA
AL	ALBANIA	BF	BURKINA FASO
DZ	ALGERIA	BI	BURUNDI
AS	AMERICAN SAMOA	KH	CAMBODIA
AD	ANDORRA	CM	CAMEROON
AO	ANGOLA	CA	CANADA
AI	ANGUILLA	CV	CAPE VERDE
AQ	ANTARCTICA	KY	CAYMAN ISLANDS
AG	ANTIGUA AND BARBUDA	CF	CENTRAL AFRICAN REPUBLIC
AR	ARGENTINA	TD	CHAD
AM	ARMENIA	CL	CHILE
AW	ARUBA	CN	CHINA
AU	AUSTRALIA	CX	CHRISTMAS ISLAND
AT	AUSTRIA	CC	COCOS (KEELING) ISLANDS
AZ	AZERBAIJAN	CO	COLOMBIA
BS	BAHAMAS	KM	COMOROS
BH	BAHRAIN	CG	CONGO
BD	BANGLADESH	CD	CONGO; THE DEMOCRATIC REPUBLIC OF THE
BB	BARBADOS	CK	COOK ISLANDS
BY	BELARUS	CR	COSTA RICA
BE	BELGIUM	CI	CÔTE D'IVOIRE
BZ	BELIZE	HR	CROATIA
BJ	BENIN	CU	CUBA
BM	BERMUDA	CW	CURAÇAO
BT	BHUTAN	CY	CYPRUS
BO	BOLIVIA; PLURINATIONAL STATE OF	CZ	CZECH REPUBLIC
BQ	BONAIRE; SINT EUSTATIUS AND SABA	DK	DENMARK
BA	BOSNIA AND HERZEGOVINA	DJ	DJIBOUTI
BW	BOTSWANA	DM	DOMINICA
BV	BOUVET ISLAND	DO	DOMINICAN REPUBLIC
BR	BRAZIL	EC	ECUADOR
IO	BRITISH INDIAN OCEAN TERRITORY	EG	EGYPT
		SV	EL SALVADOR
		GQ	EQUATORIAL GUINEA

Code	Country Name
ER	ERITREA
EE	ESTONIA
ET	ETHIOPIA
FK	FALKLAND ISLANDS (MALVINAS)
FO	FAROE ISLANDS
FJ	FIJI
FI	FINLAND
FR	FRANCE
GF	FRENCH GUIANA
PF	FRENCH POLYNESIA
TF	FRENCH SOUTHERN TERRITORIES
GA	GABON
GM	GAMBIA
GE	GEORGIA
DE	GERMANY
GH	GHANA
GI	GIBRALTAR
GR	GREECE
GL	GREENLAND
GD	GRENADA
GP	GUADELOUPE
GU	GUAM
GT	GUATEMALA
GG	GUERNSEY
GN	GUINEA
GW	GUINEA-BISSAU
GY	GUYANA
HT	HAITI
HM	HEARD ISLAND AND MCDONALD ISLANDS
VA	HOLY SEE (VATICAN CITY STATE)
HN	HONDURAS
HK	HONG KONG
HU	HUNGARY
IS	ICELAND
IN	INDIA
ID	INDONESIA
IR	IRAN; ISLAMIC REPUBLIC OF

Code	Country Name
IQ	IRAQ
IE	IRELAND
IM	ISLE OF MAN
IL	ISRAEL
IT	ITALY
JM	JAMAICA
JP	JAPAN
JE	JERSEY
JO	JORDAN
KZ	KAZAKHSTAN
KE	KENYA
KI	KIRIBATI
KP	KOREA; DEMOCRATIC PEOPLE'S REPUBLIC OF
KR	KOREA; REPUBLIC OF
KW	KUWAIT
KG	KYRGYZSTAN
LA	LAO PEOPLE'S DEMOCRATIC REPUBLIC
LV	LATVIA
LB	LEBANON
LS	LESOTHO
LR	LIBERIA
LY	LIBYA
LI	LIECHTENSTEIN
LT	LITHUANIA
LU	LUXEMBOURG
MO	MACAO
MK	MACEDONIA; THE FORMER YUGOSLAV REPUBLIC OF
MG	MADAGASCAR
MW	MALAWI
MY	MALAYSIA
MV	MALDIVES
ML	MALI
MT	MALTA
MH	MARSHALL ISLANDS
MQ	MARTINIQUE
MR	MAURITANIA
MU	MAURITIUS
YT	MAYOTTE

Code	Country Name
MX	MEXICO
FM	MICRONESIA; FEDERATED STATES OF
MD	MOLDOVA; REPUBLIC OF
MC	MONACO
MN	MONGOLIA
ME	MONTENEGRO
MS	MONTserrat
MA	MOROCCO
MZ	MOZAMBIQUE
MM	MYANMAR
NA	NAMIBIA
NR	NAURU
NP	NEPAL
NL	NETHERLANDS
NC	NEW CALEDONIA
NZ	NEW ZEALAND
NI	NICARAGUA
NE	NIGER
NG	NIGERIA
NU	NIUE
NF	NORFOLK ISLAND
MP	NORTHERN MARIANA ISLANDS
NO	NORWAY
OM	OMAN
PK	PAKISTAN
PW	PALAU
PS	PALESTINE; STATE OF
PA	PANAMA
PG	PAPUA NEW GUINEA
PY	PARAGUAY
PE	PERU
PH	PHILIPPINES
PN	PITCAIRN
PL	POLAND
PT	PORTUGAL
PR	PUERTO RICO
QA	QATAR
RE	RÉUNION
RO	ROMANIA

Code	Country Name
RU	RUSSIAN FEDERATION
RW	RWANDA
BL	SAINT BARTHÉLEMY
SH	SAINT HELENA; ASCENSION AND TRISTAN DA CUNHA
KN	SAINT KITTS AND NEVIS
LC	SAINT LUCIA
MF	SAINT MARTIN (FRENCH PART)
PM	SAINT PIERRE AND MIQUELON
VC	SAINT VINCENT AND THE GRENADINES
WS	SAMOA
SM	SAN MARINO
ST	SAO TOME AND PRINCIPE
SA	SAUDI ARABIA
SN	SENEGAL
RS	SERBIA
SC	SEYCHELLES
SL	SIERRA LEONE
SG	SINGAPORE
SX	SINT MAARTEN (DUTCH PART)
SK	SLOVAKIA
SI	SLOVENIA
SB	SOLOMON ISLANDS
SO	SOMALIA
ZA	SOUTH AFRICA
GS	SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS
SS	SOUTH SUDAN
ES	SPAIN
LK	SRI LANKA
SD	SUDAN
SR	SURINAME
SJ	SVALBARD AND JAN MAYEN
SZ	SWAZILAND
SE	SWEDEN
CH	SWITZERLAND
SY	SYRIAN ARAB REPUBLIC
TW	TAIWAN; PROVINCE OF CHINA
TJ	TAJIKISTAN

Code	Country Name
TZ	TANZANIA; UNITED REPUBLIC OF
TH	THAILAND
TL	TIMOR-LESTE
TG	TOGO
TK	TOKELAU
TO	TONGA
TT	TRINIDAD AND TOBAGO
TN	TUNISIA
TR	TURKEY
TM	TURKMENISTAN
TC	TURKS AND CAICOS ISLANDS
TV	TUVALU
UG	UGANDA
UA	UKRAINE
AE	UNITED ARAB EMIRATES
GB	UNITED KINGDOM
US	UNITED STATES
UM	UNITED STATES MINOR OUTLYING ISLANDS
UY	URUGUAY
UZ	UZBEKISTAN
VU	VANUATU
VE	VENEZUELA; BOLIVARIAN REPUBLIC OF
VN	VIET NAM
VG	VIRGIN ISLANDS; BRITISH
VI	VIRGIN ISLANDS; U.S.
WF	WALLIS AND FUTUNA
EH	WESTERN SAHARA
YE	YEMEN
ZM	ZAMBIA
ZW	ZIMBABWE