

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



Twentieth meeting of the Plants Committee
Dublin (Ireland), 22-30 March 2012

Periodic review of plant species included in the CITES Appendices

Reports of the working group

ASSESSMENT OF TRADE IN EPIPHYTIC CACTI AND REVIEW OF LISTING
OF CACTACEAE SPP. IN APPENDIX II (DECISION 15.89)
(Agenda items 16.1.1, 16.2 and 16.3)

Membership (as decided by the Committee)

Chair:	Representative of North America (Mr Benítez Díaz)
Members:	Representatives of Africa (Ms Beatrice Khayota) and Central and South America and the Caribbean (Ms Dora Ingrid Rivera)
Parties:	Belgium, Canada, Chile, Czech Republic, Madagascar, Mexico, Namibia, the Netherlands, South Africa and the United States of America
IGOs and NGOs:	UNEP-WCMC, IUCN, European Union and Species Survival Network

Mandate

1. Consider and draft recommendations on the basis of the reports submitted by Brazil and Namibia in document PC20 Doc. 16.1.1, Annexes 1 and 2;
2. Consider and draft recommendations on the basis of the report submitted by the Netherlands in document PC20 Doc. 16.2, Annex 1; and
3. On the basis of document PC20 Doc. 16.3, Annex 2, consider the relevance of drafting a proposal to delete from Appendix II the following seven genera of epiphytic cacti: *Disocactus*, *Epiphyllum*, *Hattoria*, *Lepismium*, *Pseudorhypsalis*, *Rhypsalis* and *Schlumbergera*, for consideration at the 16th meeting of the Conference of the Parties. If such a proposal is drafted, include therein identification material to distinguish these genera from other non-epiphytic cacti.
4. Identify proponents for any proposals to amend the Appendices to be made at CoP16.
5. Contribute to the work on the revision of Resolution 14.8 on *Periodic Review of the Appendices* (item 10) commenced during the joint session of AC26 and PC20.
6. Consider additional information supplied in relation to the reviews of *Balmea stormiae*, *Platymiscium pleiostachyum*, *Peristeria elata* and *Sclerocactus* spp.

Recommendations

1. Regarding PC20 Doc. 16.1.1:

- a) *Tillandsia kautskyi*, *Tillandsia sucrei*, *Tillandsia sprengeliana* [Appendix II]: On the basis of available information, recognizing that no international trade data for wild specimens is reported for these species since 1990, the Plants Committee recommends that these species be delisted and concludes that the Review is complete. Brazil is requested to take into account, that there appears to be trade in artificially propagated specimens and that specimens are held by private collectors outside of Brazil. The Plants Committee also recommends that Brazil provide information on look-alike issues in their proposal particularly for those four species that remain in the Appendices.
- b) *Welwitschia mirabilis* [Appendix II]: The Plants Committee noted that Namibia reports that there is limited information on the population status and trends of the species. Therefore, despite little to no trade in this species, based on the best available information, the Plants Committee supports Namibia's recommendation to maintain this species in Appendix II. The Plants Committee concludes that review of this species is complete.
- c) *Balmea stormiae* [Appendix I]: The Plants Committee notes that review of this species is still in progress and that this information should be corrected in the table in PC20 Doc. 16.1.2. The Plants Committee notes that no information on trade is available and recommends that the Nomenclature Specialist address the taxonomic status (*Balmea stormae*?) and distribution of this species. The Plants Committee also recommends that information be requested from the range States (Mexico, Guatemala, El Salvador, Honduras?) and that information on trade be requested from UNEP-WCMC. The Representative of Central and South America and the Caribbean (Ms. Dora I. Rivera) will oversee this review.
- d) *Platymiscium pleiostachyum* [Appendix II]: The Plants Committee notes that review of this species is still in progress. The Plants Committee notes that the IUCN classification of this species as Endangered was done in 1998 and needs updating. The Committee recommends that the Nomenclature Specialist address the taxonomic status and distribution of the species that information be requested from the range States and, that information on trade be requested from UNEP-WCMC. The Representative of Central and South America and the Caribbean (Ms. Dora I. Rivera) will oversee this review.
- e) *Peristeria elata* [Appendix I]: The Plants Committee notes that review of this species is still in progress. A report from Panama was provided, stating that: the species is the national flower; that there is no data on international trade in wild specimens; that the species is subject to intense trade and collection which is diminishing local populations; and that, Panama recommends that the species be maintained in Appendix I. The Plants Committee recommends that information be requested from the other range States in order to assess whether the species continues to meet the criteria for listing in Appendix I and, that information on trade be requested from UNEP-WCMC. The Representative of Central and South America and the Caribbean (Ms. Dora I. Rivera) will oversee this review.
- f) Regarding *Balmea stormiae*, *Platymiscium pleiostachyum*, and *Peristeria elata*, the Plants Committee recommends that the Secretariat issue a Notification requesting the range States of these species to provide relevant information to the Plants Committee Representative of Central and South America and the Caribbean (Ms Dora I. Rivera).

2. Regarding PC20 Doc. 16.1.2:

- a) The Plants Committee recommends that the Secretariat include in the table of species reviewed, the name of the Party or representative undertaking the review, the range countries, the current Appendix listing of the species, and the IUCN status, if applicable. The Plants Committee notes that this is consistent with the work of the Animals Committee on the review.
- b) The Plants Committee notes that the United States of America reports that their review of fifteen species of *Sclerocactus* is in progress.
- c) *Tillandsia kammii* (Appendix II): The Plant Committee notes that the Plants Committee Representative of Central and South America and the Caribbean (Ms Dora Ingrid Rivera) is undertaking the review

which is in progress. A report from Honduras was provided that states that there is no trade in the species but there is a look-alike problem with other species and that Honduras recommends that the species be maintained in Appendix II.

- d) *Hedychium philippinense*: The Plants Committee requests that the Plants Committee Representatives of Asia request the Philippines to consider undertaking the review.
- e) Updates (Annex 1) were made tables in Annexes 1 and 2 of PC20 Doc. 16, regarding the species discussed in the working group. The Plants Committee recommends that the Secretariat update the tables accordingly.

3. Regarding PC20 Doc. 16.2:

Cycas beddomei Appendix I]: The Plants Committee supports the Netherland's recommendation to maintain this species in Appendix I, noting that the IUCN specialist that reviewed classification of this species considers that the species continues to meet the biological criteria for listing in Appendix I. The Plants Committee seeks the view of India, the sole range State for this species. The Plants Committee concludes that review of this species is complete.

4. Regarding PC20 Doc. 16.3:

- a) Regarding seven genera of epiphytic cacti (*Disocactus*, *Epiphyllum*, *Hatiora*, *Lepismium*, *Pseudorhipsalis*, *Rhipsalis* and *Schlumbergera*), the Plants Committee recognizes that criteria 2(a) is not fulfilled but criteria 2(b) is met and, that range States' views support the current listing. A report was received from XXX that they supported maintaining these species in Appendix II. Therefore, the Plants Committee concludes that these species should be retained in Appendix II and that the mandate of Decision 15.89 has been completed.

5. Regarding the revision of Resolution Conf. 14.8 on *Periodic Review of the Appendices*:

- a) The Plants Committee agrees to the amendments to Resolution Conf. 14.8 contained in Annex 2. These revisions build upon the recommendations made at the 26th meeting of the CITES Animals Committee, the joint session of AC26/PC20, and the 20th meeting of the CITES Plants Committee.
- b) The Plants Committee agrees that the Chair, in consultation with the Chair of the Animals Committee, inform the 62nd meeting of the Standing Committee of these proposed amendments which address the concerns of the Standing Committee to improve the efficiency of the process. The Plants Committee agrees that the proposed amendments will be provided to the 16th Conference of the Parties as a joint proposal from the Plants and Animals Committees.

General

- 6. In order to improve the efficiency of reviews, the Plants Committee requests the Standing Committee to recommend allocation of funds for the periodic review in the budget. In addition, the Plants Committee requests the Secretariat to seek external funding to support the periodic review process.

Proposed changes to document PC20 Doc. 16.1.2, Annex 1

REVIEW PERIOD BETWEEN COP13 (2007) AND COP15 (2010)*

Taxon	Meeting when the species were selected [paragraph b)]	Date the Parties were informed [paragraph e)]	Date the Standing Committee was informed [paragraph f)]	Document containing the review report [paragraph i)]	Recommendation [paragraph j)]	Range States requested to submit proposal [paragraph k)]	Notes
Timber species							
<i>Balmea stormiae</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	Review completed In progress (Representative of Central and South America and the Caribbean - Dora Ingrid Rivera)
<i>Platymiscium pleiostachyum</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	Review completed In progress Representative of Central and South America and the Caribbean - Dora Ingrid Rivera)
<i>Tillandsia kautskyi</i>	PC15 (May 2005)	19 July 2005	2 June 2007	--- PC20 Doc. 16.1.1, Annex 1	--- Deletion	--- Brazil	Review completed (Brazil)
<i>Tillandsia sprengeliana</i>	PC15 (May 2005)	19 July 2005	2 June 2007	--- PC20 Doc. 16.1.1, Annex 1	--- Deletion	--- Brazil	Review completed (Brazil)
<i>Tillandsia sucrei</i>	PC15 (May 2005)	19 July 2005	2 June 2007	--- PC20 Doc. 16.1.1, Annex 1	--- Deletion	--- Brazil	Review completed (Brazil)

* In Resolution Conf. 14.8, 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 (i.e. CoP14-CoP16). 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).

Taxon	Meeting when the species were selected [paragraph b)]	Date the Parties were informed [paragraph e)]	Date the Standing Committee was informed [paragraph f)]	Document containing the review report [paragraph i)]	Recommendation [paragraph j)]	Range States requested to submit proposal [paragraph k)]	Notes
<i>Welwitschia mirabilis</i>	PC15 (May 2005)	19 July 2005	2 June 2007	The review report is referred to in document PC18 WG12 Doc. 1 , but no copy has been submitted to the Plants Committee PC20 Doc. 16.1.1, Annex 2	The Plants Committee should prepare a corresponding proposal for consideration at CoP15, to be submitted by the Depository Government Retain species in Appendix II	---	Review completed (Namibia)
<i>Sclerocactus</i> spp. (15 species)							
<i>Sclerocactus brevihamatus</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	Review completed In progress (USA)
<i>Sclerocactus erectocentrus</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	Review completed In progress (USA)
<i>Sclerocactus glaucus</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	Review completed In progress (USA)
<i>Sclerocactus intertextus</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	Review completed In progress (USA)
<i>Sclerocactus johnsonii</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	Review completed In progress (USA)
<i>Sclerocactus mariposensis</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	Review completed In progress (USA)
<i>Sclerocactus mesae-verdae</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	Review completed In progress (USA)
<i>Sclerocactus nyensis</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	Review completed In progress (USA)
<i>Sclerocactus papyracanthus</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	Review completed In progress (USA)
<i>Sclerocactus parviflorus</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	Review completed In progress (USA)
<i>Sclerocactus polyancistrus</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	Review completed In progress (USA)
<i>Sclerocactus pubispinus</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	Review completed In progress (USA)
<i>Sclerocactus scheeri</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	Review completed In progress (USA)

Taxon	Meeting when the species were selected [paragraph b)]	Date the Parties were informed [paragraph e)]	Date the Standing Committee was informed [paragraph f)]	Document containing the review report [paragraph i)]	Recommendation [paragraph j)]	Range States requested to submit proposal [paragraph k)]	Notes
<i>Sclerocactus sileri</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	Review completed In progress (USA)
<i>Sclerocactus spinosior</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	Review completed In progress (USA)
<i>Cycas beddomei</i>	PC15 (May 2005)	19 July 2005	2 June 2007	— PC20 Doc. 16.2, Annex 1	— Retain the species in Appendix I	---	To be reconsidered during CoP15-CoP17 Complete (the Netherlands)
<i>Peristeria elata</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	Review completed In progress Representative of Central and South America and the Caribbean - Dora Ingrid Rivera)
96 species selected for review	96	96	96	51	13	0	<ul style="list-style-type: none"> • 14 species reviews completed. • 21 species deleted or transferred from Appendix I to II by the CoP before the Periodic Review was completed. • 56 species reviews terminated before completion. • 5 species to be reconsidered at CoP15-CoP17. Request the Secretariat to update these figures.

Proposed changes to document PC20 Doc. 16.1.2, Annex 2

REVIEW PERIOD BETWEEN COP15 (2010) AND COP17 (2015)

Taxon	Meeting when the species were selected [paragraph b)]	Date the Parties were informed [paragraph e)]	Date the Standing Committee was informed [paragraph f)]	Document containing the review report [paragraph i)]	Recommendation [paragraph j)]	Range States requested to submit proposal [paragraph k)]	Notes
Apocynaceae							
<i>Pachypodium brevicaule</i>	PC19 (April 2011)	21 September 2011					Madagascar
Crassulaceae							
<i>Dudleya stolonifera</i>	PC19 (April 2011)	21 September 2011					USA
Portulacaceae							
<i>Lewisia serrata</i>	PC19 (April 2011)	21 September 2011					USA

Bromeliaceae							
<i>Tillandsia kammii</i>	PC19 (April 2011)	21 September 2011					Representative of Central and South America and the Caribbean - Dora Ingrid)
<i>Tillandsia mauryana</i>	PC19 (April 2011)	21 September 2011					Mexico in progress
Cycadaceae							
<i>Cycas beddomei</i>	PC19 (April 2011)	21 September 2011					Complete (the Netherlands)
Dioscoreaceae							
<i>Dioscorea deltoidea</i>	PC19 (April 2011)	21 September 2011					The Netherlands
Zingiberaceae							
<i>Hedychium philippinense</i>	PC19 (April 2011)	21 September 2011					No reviewer

<i>Sclerocactus brevihamatus</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	In progress (USA)
<i>Sclerocactus erectocentrus</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	In progress (USA)
<i>Sclerocactus glaucus</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	In progress (USA)
<i>Sclerocactus intertextus</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	In progress (USA)
<i>Sclerocactus johnsonii</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	In progress (USA)
<i>Sclerocactus mariposensis</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	In progress (USA)
<i>Sclerocactus mesae-verdae</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	In progress (USA)
<i>Sclerocactus nyensis</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	In progress (USA)
<i>Sclerocactus papyracanthus</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	In progress (USA)
<i>Sclerocactus parviflorus</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	In progress (USA)
<i>Sclerocactus polyancistrus</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	In progress (USA)
<i>Sclerocactus pubispinus</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	In progress (USA)
<i>Sclerocactus scheeri</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	In progress (USA)
<i>Sclerocactus sileri</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	In progress (USA)
<i>Sclerocactus spinosior</i>	PC15 (May 2005)	19 July 2005	2 June 2007	---	---	---	In progress (USA)

Resolution Conf. 14.8 (Rev. CoP16)

Periodic Review of Species Included in the Appendices I and II

RECOGNIZING the fundamental principles of Article II of the Convention and that there is a need to conduct periodic reviews of species listed in Appendices I and II to ensure that species are appropriately listed, based on current biological and trade information;

REAFFIRMING that Resolution Conf. 11.1 (Rev. CoP15) on *Establishment of the Committees*, in Annex 2, h), directs the Animals and Plants Committees to undertake a periodic review of animal or plant species included in the CITES Appendices;

ACKNOWLEDGING that Resolution Conf. 9.24 (Rev. CoP15) on *Criteria for amendment of Appendices I and II*, established criteria to ensure that decisions to amend the Convention's Appendices are founded on sound and relevant scientific information; and

ACKNOWLEDGING that a completed periodic review of a species may result in a recommendation to amend Appendices I or II, or result in a recommendation that the species be retained as listed.

THE CONFERENCE OF THE PARTIES TO THE CONVENTION

AGREES to the following:

- a) The Animals and Plants Committees should share their experience, especially during ~~joined~~ joint meetings, regarding the undertaking of periodic reviews of taxa included in the Appendices (including financing of reviews, processes, format and outputs).
- b) The Animals and Plants Committees shall 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 Conference of the Parties (CoP). The list should be established at their ~~first~~ first meetings of the Committees after the meeting of the Conference of the Parties that initiates the review period.
- c) The Animals and Plants Committees are strongly encouraged to follow the following guidelines:
 - i) the Animals and Plants Committees, in consultation with the UNEP World Conservation Monitoring Centre, shall select a practical taxonomic entity or entities ~~and specimens traded~~ for analysis;
 - ii) the following taxa should not be considered for review:
 - A. species that were the subject of listing proposals at the previous ~~two~~ three meetings of the Conference of the Parties (whether or not the proposals were adopted);
 - ~~B. species listed under the new criteria [Resolution Conf. 9.24 (Rev. CoP15)] in the last 10 years;~~
 - ~~C. species subject to ongoing reviews, such as the Review of Significant Trade [Resolution Conf. 12.8 (Rev. CoP13)], or periodic reviews conducted within the last 10 years; or~~
 - ~~D. species subject to other reviews targeted by valid Decisions and Resolutions of the Conference of the Parties;~~
 - iii) the selected taxonomic entity or entities shall be assessed using the process outlined in the Annex to the present Resolution; and
 - iv) outputs 2, 3 and 4 resulting from the assessment conducted in accordance with the Annex shall contain the following information in a summary tables that includes:

- A. a summary of trade data since the initial inclusion of that taxon in the Appendices;
 - B. current conservation status, including the IUCN category of the species, if assessed; and
 - C. current listing in the CITES Appendices, date of first listing, ~~number of trade records, commercial trade, and remarks~~; and
 - D. the distribution of the species (range States).
- d) From the ~~resulting~~ summary tables, and list generated in Output 2 from the assessment, the Animals and Plants Committees will identify the list of taxa to be reviewed.
- e) The Secretariat shall send a copy of the proposed list of taxa to be reviewed to all Parties, and request range States of the taxa to comment within ~~90~~ 60 days on the need to review the taxa and express their interest in undertaking the reviews. The responses shall be relayed by the Secretariat to the Animals or Plants Committee. If no volunteer offers to undertake a review within two intersessional periods between CoPs, that taxa shall be deleted from the list of species to be reviewed.
- ~~f) Taking these comments into account, the Animals and Plants Committees will inform the Standing Committee about the finalized selection of taxa to be reviewed.~~
- f) The Animals and Plants Committees and Parties are encouraged to undertake the following in order to facilitate periodic reviews:
- i) collaborate with university graduate students, including the CITES Masters Programme;
 - ii) collaborate with other non-Party reviewers including species experts such as IUCN-SSC Specialist Groups;
 - iii) utilize readily available information on species' conservation status from organizations (e.g., IUCN, BirdLife, etc.) and Parties;
 - iv) seek financial support for reviews, including from importing countries, as appropriate; and
 - v) increase communication between the Chairs of the Animals and Plants Committees and suggest coordination with Parties when animal and plant species' ranges overlap;
- g) ~~The Chairmen of the Animals and Plants Committees shall keep the Standing Committee informed about the conduct of periodic reviews, noting that Standing Committee approval is not required to initiate the process of taxa included in the Appendices. A list of species previously reviewed, including dates of the review and links to the appropriate documents, shall be maintained by the Secretariat.~~
- h) The Animals and Plants Committees shall conduct or organize the reviews, seeking information, participation and support from the range States. The regional representatives of the Animals and, Plants and Standing Committees shall seek assistance from range States within their region to support the taxon reviews.
- i) Each review (in the format of a proposal used to amend the Appendices) is to be submitted as a working document to the Animals or Plants Committee for review, clearly specifying the recommendation with reference to the criteria in Resolution Conf. 9.24 (Rev. CoP15). The Secretariat shall notify the relevant range States of these working documents in advance of the meeting of the Committee.
- j) In cases where a review indicates, and the technical committee concerned agrees, that it would be appropriate to transfer a taxon from one Appendix to another, or to delete a taxon from the Appendices:
 - i) the Animals or Plants Committee shall, in consultation with the range States, prepare or arrange the preparation of a proposal to amend the Appendices.
 - ii) ~~k)~~ The Secretariat, on behalf of the Standing Committee and the Animals or Plants Committee, shall provide copies of the proposal to the range States and request that one or more should submit the proposal for consideration at the following meeting of the Conference of the Parties.

iii) ~~l~~—If no range State is willing to submit the proposal, the Secretariat shall request the Depositary Government to submit it [as specified in Resolution Conf. 11.1 (Rev. CoP15)] and to include the comments of the range States in the supporting statement.

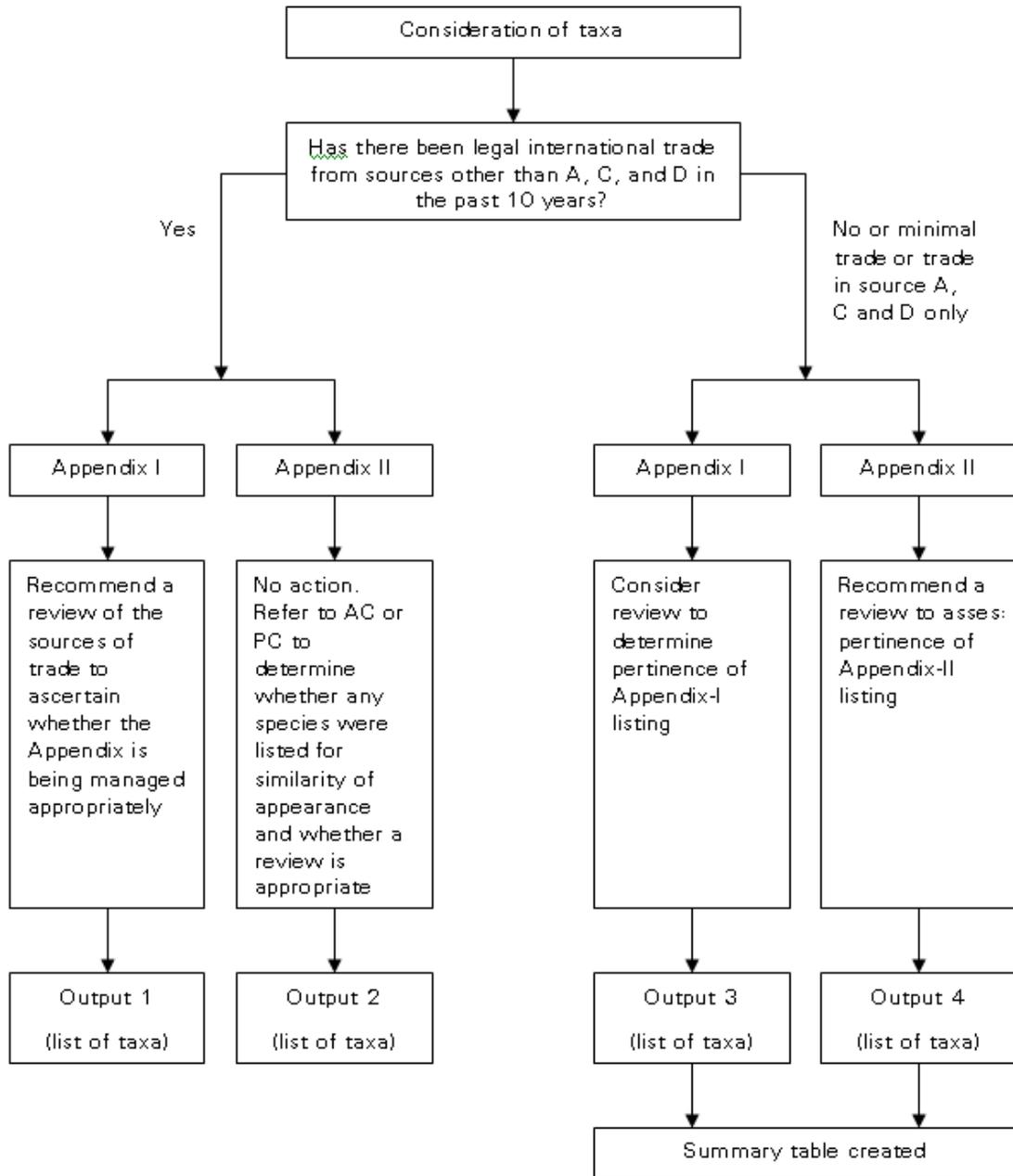
iv) ~~m~~) Proposals resulting from the periodic review of the Appendices must be submitted for decision to the Conference of the Parties.

k) In cases where the Committee does not proceed with an amendment proposal, the Committee clearly specify its decision with reference to the criteria in Resolution Conf. 9.24 (Rev. CoP15).

DIRECTS the Secretariat to maintain a record of the 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.

INVITES Parties, intergovernmental organizations, non-governmental organizations, and other interested entities to support the work of the Animals and Plants Committees in the undertaking of the periodic review of the Appendices.

Protocol for the assessment of taxa for consideration in the Periodic Review of the Appendices



PROPOSED CHANGES: Replace the entire contents of the box prior to Output 2 with the following text: “filter to identify species classified by IUCN as Endangered, Critically Endangered, and Least Concern”; and, include the results of Output 2 in the summary tables to be transmitted to the Committees.