

ANNEX 3



Photo: Victoria Zentilli

WORKING GROUP REPORTS

PC14 DG1 Doc. 1 (Rev. 1)
(English only/Únicamente en inglés/Seulement en anglais)

Report from the drafting group on review of the criteria

1. The drafting group comprised the regional representatives of Oceania and Central and South America and the Caribbean as co-chairs (G. Leach, E. Forero), the Chairman of Plants Committee (M. Clemente) and Animals Committee (T. Althaus), the African representative from Animals Committee (M. Griffin), observers from Canada, the United Kingdom, United States of America, the European Commission and the Species Survival Network.
2. The drafting group was to use CoP12 Com. I. 3 (clean version) as the starting point. The agreed changes from discussions at PC14 plenary sessions were to be incorporated into this text. Recommended changes from PC 14 were based on discussions of the syntheses of the tests of applicability of the criteria against selected plant taxa as presented in PC14 Inf. 9.
3. The drafting group did not have time to conduct a check that both Annex 5 and 6 were consistent with the proposed changes. The drafting group recommends that this should be done once all changes are agreed to following AC 20.

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Annex

(English only/Únicamente en inglés/Seulement en anglais)

DRAFT RESOLUTION OF THE CONFERENCE OF THE PARTIES

Proposed revision of Resolution Conf. 9.24 (Rev. CoP12)

Criteria for amendment of Appendices I and II

RECALLING that Resolution Conf. 9.24, adopted by the Conference of the Parties at its ninth meeting (Fort Lauderdale, 1994) recommended that the text and the annexes of this Resolution be fully reviewed before the 12th meeting of the Conference of the Parties with regard to the scientific validity of the criteria, definitions, notes and guidelines and their applicability to different groups of organisms;

RECALLING that the Conference of the Parties at its 12th meeting (Santiago, 2002), approved procedures for this review, laid down in Decision 12.97;

CONSIDERING the fundamental principles in paragraphs 1 and 2 of Article II of the Convention, which specify the species to be included in Appendices I and II;

RECOGNIZING that to qualify for inclusion in Appendix I a species must meet biological and trade criteria;

RECALLING that Article II, paragraph 2(a), provides for the inclusion of species which may become threatened with extinction in Appendix II, in order to avoid utilization incompatible with their survival;

RECOGNIZING that for the proper implementation of this provision it is necessary to adopt appropriate criteria, considering both biological and trade factors;

RECALLING that paragraph 2(b) of Article II provides only for the inclusion in Appendix II of species which must be subject to regulation in order that trade in specimens of certain species included in Appendix II in accordance with Article II, paragraph 2(a), may be brought under effective control;

CONSIDERING, however, that this provision should also apply where there is a need to bring under effective control trade in specimens of species included in Appendix I;

RECOGNIZING that the range States of a species subject to an amendment proposal should be consulted by the proponent, or on its behalf by the Secretariat, in accordance with the relevant Resolutions of the Conference of the Parties, and that all Parties shall be consulted by the Secretariat in accordance with Article XV, paragraph 1(a), of the Convention;

RECOGNIZING further that the Secretariat, in accordance with the same Article, shall consult intergovernmental bodies having a function in relation to marine species;

CONSIDERING the Secretariat should also consult other intergovernmental bodies having a function in relation to any species subject to a proposal for amendment;

RECALLING that the international trade in all wild fauna and flora is under the purview of the Convention;

EMPHASIZING the importance of Resolution Conf. 3.4, adopted at the third meeting of the Conference of the Parties (New Delhi, 1981), regarding the need to provide to developing countries technical assistance in matters relating to the Convention, and specifically in the application of the criteria for amendment of Appendices I and II;

NOTING the objective to ensure that decisions to amend the Convention's Appendices are founded on sound and relevant scientific information, take into account socio-economic factors, and meet agreed biological and trade criteria for such amendments;

RECOGNIZING the importance of the application of Rio Principle 15, the Precautionary Approach, in cases of uncertainty;

THE CONFERENCE OF THE PARTIES TO THE CONVENTION

ADOPTS the following Annexes as an integral part of this Resolution:

- Annex 1: Biological criteria for Appendix I;
- Annex 2a: Criteria for the inclusion of species in Appendix II in accordance with Article II, paragraph 2(a), of the Convention;
- Annex 2b: Criteria for the inclusion of species in Appendix II in accordance with Article II, paragraph 2(b), of the Convention;
- Annex 3: Special cases;
- Annex 4: Precautionary measures;
- Annex 5: Definitions, explanations and guidelines; and
- Annex 6: Format for proposals to amend the Appendices;

RESOLVES, that when considering proposals to amend Appendix I or II, the Parties shall, by virtue of the precautionary approach and in case of uncertainty either as regards the status of a species or the impact of trade on the conservation of a species, act in the best interest of the conservation of the species concerned and adopt measures that are proportionate to the anticipated risks to the species;

RESOLVES that, when considering proposals to amend Appendices I and II, the following applies:

- a) species that are or may be affected by trade should be included in Appendix I in accordance with Article II, paragraph 1, if they meet at least one of the biological criteria listed in Annex 1;
- b) species should be included in Appendix II under the provisions of Article II, paragraph 2 (a), if they satisfy the criteria listed in Annex 2a;
- c) species should be included in Appendix II under the provisions of Article II, paragraph 2 (b), if they satisfy the criteria listed in Annex 2b;
- d) species should be included in more than one Appendix at the same time, and higher taxa should be included in the Appendices, only if the species or higher taxa concerned satisfy the relevant criteria listed in Annex 3;
- e) species of which all specimens in trade have been bred in captivity or artificially propagated should not be included in the Appendices if there is negligible probability of trade taking place in specimens of wild origin;
- f) species included in Appendix I for which sufficient data are available to demonstrate that they do not meet the criteria listed in Annex 1 should be transferred to Appendix II only in accordance with the relevant precautionary measures listed in Annex 4;
- g) species included in Appendix II in accordance with Article II, paragraph 2(a), that do not meet the criteria listed in Annex 2a, should be deleted only in accordance with the relevant precautionary measures listed in Annex 4; and species included in accordance with Article II, paragraph 2(b), because they look like the species subject to the deletion, or for a related reason, should also be deleted only in accordance with the relevant precautionary measures;
- h) the views, if any, of intergovernmental bodies with competence for the management of the species concerned should be taken into account;

RESOLVES that proposals to amend Appendices I and II should be based on the best information available, and when appropriate, presented in the format in Annex 6;

ENCOURAGES proponents that submit proposals to transfer species to Appendix I or to establish zero export quotas for species under review in accordance with the provisions of the Significant Trade Review process, to take account of the applicable findings of that review.

RESOLVES that annotations to proposals to amend Appendix I or Appendix II should be made in accordance with the applicable Resolutions of the Conference of the Parties, be specific and accurate as to affected parts and derivatives and should, to the extent possible, be harmonized with existing annotations;

ENCOURAGES Parties, when sufficient relevant biological data are available, to include a quantitative evaluation in the supporting statement of the amendment proposal;

RESOLVES that, to monitor the effectiveness of protection offered by the Convention, the status of species included in Appendices I and II should be regularly reviewed by the range States and proponents, in collaboration with the Animals Committee or the Plants Committee, subject to the availability of funds;

URGES Parties and co-operating organizations to provide financial and technical assistance, when requested, in the preparation of proposals to amend the Appendices, the development of management programmes, and the review of the effectiveness of the inclusion of species in the Appendices. Parties should be open to using other available international mechanisms and instruments for these purposes in the broader context of biodiversity; and

REPEALS Resolutions Conf. 9.24 (Rev. CoP12) (Santiago, 2002) - Criteria for Amendment of Appendices I and II.

Annex 1

Biological criteria for Appendix I

The following criteria must be read in conjunction with the definitions, explanations and guidelines listed in Annex 5, including the footnote with respect to application of the definition of "decline" for commercially exploited aquatic species.

A species is considered to be threatened with extinction if it meets, or is likely to meet, **at least one** of the following criteria.

A. The wild population is small, and is characterized by **at least one** of the following:

- i) an observed, inferred or projected decline in the number of individuals or the area and quality of habitat; or
- ii) each sub-population being very small; or
- iii) a majority of individuals, during one or more life-history phases, being concentrated in one sub-population; or
- iv) large short-term fluctuations in the number of individuals required to measure the appropriate to measuring population size for the species concerned; or
- v) a high vulnerability due to the species' particular susceptibility to either intrinsic or extrinsic factors biology or behaviour (including migration).

B. The wild population has a restricted area of distribution and is characterized by **at least one** of the following:

- i) fragmentation or occurrence at very few locations; or
- ii) large fluctuations in the area of distribution or the number of sub-populations; or

- iii) a high vulnerability due to the species' particular susceptibility to either intrinsic or extrinsic factors biology or behaviour (including migration); or
 - iv) an observed, inferred or projected decrease in any one of the following:
 - the area of distribution; or
 - the area of habitat; or
 - the number of sub-populations; or
 - the number of individuals; or
 - the quality of habitat; or
 - the recruitment.
- C. A marked decline in the population size in the wild, which has been **either**:
- i) observed as ongoing or as having occurred in the past (but with a potential to resume); or
 - ii) inferred or projected on the basis of any one of the following:
 - a decrease in area of habitat; or
 - a decrease in quality of habitat; or
 - levels or patterns of exploitation; or
 - threats from extrinsic human-induced factors such as competition/predation by introduced species or the effects of hybridization, toxins and pollutants, as well as naturally occurring stochastic events; or
 - a decreasing recruitment.
- D. The status of the species is such that if the species is not included in Appendix I, it is likely to satisfy one or more of the above criteria within a period of five years.

Annex 2a

Criteria for the inclusion of species in Appendix II in accordance with Article II, paragraph 2(a), of the Convention

The following criteria must be read in conjunction with the definitions, explanations and guidelines listed in Annex 5, including the footnote with respect to application of the definition of “decline” for commercially exploited aquatic species.

A species should be included in Appendix II when, on the basis of available trade data and information on the status and trends of the wild population(s), **at least one** of the following criteria is met:

- A. It is known, or can be inferred or projected, that the regulation of trade in the species is necessary to avoid it becoming eligible for inclusion in Appendix I in the near future; or
- B. It is known, or can be inferred or projected, that regulation of trade in the species is required to ensure that the harvest of specimens from the wild is sustainable and is not reducing the wild population to a level at which its survival would be threatened by other influences.~~harvesting of specimens from the wild for international trade has, or may have, a detrimental impact on the species by either~~
 - ~~i) exceeding, over an extended period, the level that can be continued in perpetuity; or~~
 - ~~ii) reducing it to a population level at which its survival would be threatened by other influences.~~

Annex 2b

Criteria for the inclusion of species in Appendix II in accordance with Article II, paragraph 2(b), of the Convention

Species may be included in Appendix II in accordance with Article II, paragraph 2(b), if **either one** of the following criteria is met:

- A. The specimens of the species in the form in which they are traded resemble specimens of a species included in Appendix II under the provisions of Article II, paragraph 2 (a), or in Appendix I, such that enforcement officers who encounter specimens of CITES-listed species a non-expert, with reasonable effort, is-are unlikely to be able to distinguish between them; or
- B. There are compelling reasons other than those given in criterion A above to ensure that effective control of trade in currently listed species is achieved.

Annex 3

Special cases

Split-listing*

Listing of a species in more than one Appendix should be avoided in general in view of the enforcement problems it creates.

When split-listing does occur, this should generally be on the basis of national or regional populations, rather than subspecies. Split-listings that place some populations of a species in the Appendices, and the rest outside the Appendices, should normally not be permitted.

For species outside the jurisdiction of any State, listing in the Appendices should use the terms used in other relevant international agreements, if any, to define the population. If no such international agreement exists, then the Appendices should define the population by region or by geographic coordinates.

Taxonomic names below the species level should not be used in the Appendices unless the taxon in question is highly distinctive and the use of the name would not give rise to enforcement problems.

Higher taxa

If all species of a higher taxon are included in Appendix I or II, they should be included under the name of the higher taxon. If some species in a higher taxon are included in Appendix I or II and all the rest in the other Appendix, the latter species should be included under the name of the higher taxon, with an appropriate annotation made in accordance with the provisions of the relevant resolutions on the use of annotations in the Appendices.

Parties contemplating preparing a proposal to transfer an individual plant species from a higher-taxon listing in Appendix II to a separate listing in Appendix I consider:

- i) the ease with which it can be propagated artificially;
- ii) the extent to which it is currently available in cultivation from artificially propagated specimens; and
- iii) any practical problems in identifying the species, particularly in the form in which it may be traded.

* In instances where the proponent wishes, as part of the proposal, to include populations other than the wild populations (as defined in Annex 5), this should be clearly indicated by the use of annotations.

Annex 4

Precautionary measures

When considering proposals to amend Appendix I or II, the Parties shall, by virtue of the precautionary approach and in case of uncertainty either as regards the status of a species or the impact of trade on the conservation of a species, act in the best interest of the conservation of the species concerned and adopt measures that are proportionate to the anticipated risks to the species.

A.

1. No species listed in Appendix I shall be removed from the Appendices unless it has been first transferred to Appendix II, with monitoring of any impact of trade on the species for at least two intervals between meetings of the Conference of the Parties.
2. Species included in Appendix I should only be transferred to Appendix II if they do not satisfy the relevant criteria in Annex 1 and only when one of the following precautionary safeguards is met:
 - a) the species is not in demand for international trade, nor is its transfer to Appendix II likely to stimulate trade in, or cause enforcement problems for, any other species included in Appendix I; or
 - b) the species is likely to be in demand for trade, but its management is such that the Conference of the Parties is satisfied with:
 - i) implementation by the range States of the requirements of the Convention, in particular Article IV; and
 - ii) appropriate enforcement controls and compliance with the requirements of the Convention; or
 - c) an integral part of the amendment proposal is an export quota or other special measure approved by the Conference of the Parties, based on management measures described in the supporting statement of the amendment proposal, provided that effective enforcement controls are in place; or
 - d) a ranching proposal is submitted consistent with the applicable Resolutions of the Conference of the Parties and is approved.
3. No proposal for transfer of a species from Appendix I to Appendix II shall be considered from a Party that has entered a reservation for the species in question, unless that Party agrees to remove the reservation within 90 days of the adoption of the amendment.
4. No species should be deleted from Appendix II if such deletion would be likely to result in it qualifying for inclusion in the Appendices in the near future.
5. No species should be deleted from Appendix II if, within the last two intervals between meetings of the Conference of the Parties, it has been subject to a recommendation under the provisions of the Significant Trade Review process to improve its conservation status.

B. The following review procedures shall apply when a species is transferred to Appendix II pursuant to paragraph A.2.c) above.

1. Where the Plants Committee, the Animals Committee or a Party becomes aware of problems in compliance with the management measures and export quotas of another Party, the Secretariat shall be informed and, if the Secretariat fails to resolve the matter satisfactorily, it shall inform the Standing Committee which may, after consultation with the Party concerned, recommend to all Parties that they suspend trade with that Party in specimens of CITES-listed species, and/or request the Depository Government to prepare a proposal to transfer the population back to Appendix I.
2. If, on review of a quota and its supporting management measures, the Animals or Plants Committee encounters any problems with compliance or potential detriment to a species, the

relevant Committee shall request the Depository Government to prepare a proposal for appropriate remedial action.

- C. With regard to quotas established pursuant to paragraph A.2.c) above.
1. If a Party wishes to renew, amend or delete such a quota it shall submit an appropriate proposal for consideration at the next meeting of the Conference of the Parties;
 2. When a quota has been established for a limited period of time, after that period the quota will become zero until a new quota has been established.
- D. Species that are regarded as possibly extinct should not be deleted from Appendix I if they may be affected by trade in the event of their rediscovery; these species should be annotated in the Appendices as "p.e." (i.e., possibly extinct).

Annex 5

Definitions, explanations and guidelines

Species

In Article I of the Convention the term species is defined as "any species, subspecies or geographically separate population thereof".

Species and subspecies refer to the biological concept of a species, and do not require any further definition.

The two terms also cover varieties.

"Geographically separate population" refers to parts of a species or a subspecies within particular geographical boundaries. This can also refer to populations or subpopulations, or, for the sake of convenience in certain cases, to 'stocks' as the term is understood in fisheries management.

Until now, the Conference of the Parties has interpreted 'geographically separate populations' as populations delimited by geopolitical boundaries, whereas they have rarely used the other option of geographical boundaries.

Affected by trade

A species "is or may be affected by trade" if:

1. it is known to be in trade ([using the definition of 'trade' in Article I of the Convention](#)), and that trade has or may have a detrimental impact on the status of the species; or
2. it is suspected to be in trade, or there is [demonstrable](#) potential international demand for the species, that may be detrimental to its survival in the wild.

Area of distribution

Area of distribution of a species is defined as the area contained within the shortest continuous imaginary boundary which can be drawn to encompass all the known, inferred or projected sites of occurrence, excluding cases of vagrancy and introductions outside its natural range (though inferring and projecting area of occurrence should be undertaken carefully, and in a precautionary manner). The area within the imaginary boundary should, however, exclude significant areas where the species does not occur, and so in defining an area of distribution, account should be taken of discontinuities or disjunctions in the spatial distribution of species. [This encompasses the concept of area of occupancy.](#) For migratory species, the area of distribution is the smallest area essential at any stage for the survival of that species (e.g., colonial nesting sites, feeding sites for migratory taxa, etc.). [The determination that a species has a restricted area of distribution is taxon-specific and should take into account considerations such as](#)

habitat specificity, population density and endemism. For some species for which data were available to make an estimate, a figure of less than 10,000 km² has been found to be an appropriate guideline (not a threshold) of what constitutes a restricted area of distribution. However, this figure is presented only as an example, since it is impossible to give numerical values that are applicable to all taxa. There will be many cases where this numerical guideline does not apply.

Inferred or projected

Projection is a statistical concept that in scientific research connotes that measurements have been made and extrapolated in time towards the future. On the other hand inference connotes measurement using indirect evidence.

Decline

A decline is a reduction in the abundance, or area of distribution, of a species. Decline can be expressed in two different ways: (i) the overall long-term extent of decline or (ii) the recent rate of decline. The long-term extent of decline is the total estimated or inferred percentage reduction from a baseline level of abundance or area of distribution. The recent rate of decline is the percentage change in abundance or area of distribution over a recent time period. The data used to estimate or infer a baseline for extent of decline should extend as far back into the past as possible.

The judgement that a decline is marked is taxon-specific and can be justified by a number of considerations. For example, the population dynamics of a related taxonomic group.

A general guideline for a marked historical extent of decline is a percentage decline to 5%-30% of the baseline, depending on the reproductive biology of the species. The extremes of 5% and 30% will be applicable to only a relatively small number of species, but some species may even fall outside of these extremes. However, both these figures are presented only as examples, since it is impossible to give numerical values that are applicable to all taxa because of differences in their biology (*see footnote with respect to application of decline to commercially exploited aquatic species).

A general guideline for a marked recent rate of decline is a percentage decline of 50% or more in the last 10 years or three generations, whichever is the longer. If the population is small, a percentage decline of 20% or more in the last 5 years or 2 generations (whichever is the longer) may be more appropriate. However, these figures are presented only as examples, since it is impossible to give numerical values that are applicable to all taxa because of differences in their biology.

* Application of decline for commercially exploited aquatic species:

In marine and large freshwater bodies, a narrower range of 5-20% is deemed to be more appropriate in most cases, with a range of 5-10% being applicable for species with high productivity, 10-15% for species with medium productivity and 15-20% for species with low productivity. Nevertheless some species may fall outside this range.

In general, historical extent of decline should be the primary criterion for consideration of listing in Appendix I. However, in circumstances where information to estimate extent-of-decline is limited, rate-of-decline over a recent period could itself still provide some information on extent-of-decline.

For listing in Appendix II, the historical extent of decline and the recent rate of decline should be considered in conjunction with one another. The higher the historical extent of decline, and the lower the productivity of the species, the more important a given recent rate of decline is.

A general guideline for a marked recent rate of decline is the rate of decline that would drive a population down within approximately a 10-year period from the current population level to the historical extent of decline guideline (i.e. 5-20% of baseline for exploited fish species). There should rarely be a need for concern for populations that have exhibited an historical extent of decline of less than 50%, unless the recent rate of decline has been extremely high.

Even if a population is not declining appreciably, it could be considered for listing in Appendix II if it is near the extent-of-decline guidelines recommended above for consideration for Appendix I-listing. A range of between 5% and 10% above the relevant extent-of-decline might be considered as a definition of 'near'.

A recent rate-of-decline is important only if it is still occurring, or may resume, and is projected to lead to the species reaching the applicable point for that species in the Appendix I extent-of-decline guidelines within approximately a 10-year period. Otherwise the overall extent-of-decline is what is important. When sufficient data are available, the recent rate-of-decline should be calculated over approximately a 10-year period. If fewer data are available, annual rates over a shorter period could be used. If there is evidence of a change in the trend, greater weight should be given to the more recent consistent trend. In most cases, listing would only be considered if the decline is projected to continue.

The historical extent of decline and the recent rate of decline should be considered in conjunction with one another. In general, the higher the historical extent of decline, and the lower the productivity of the species, the more important a given recent rate of decline is.

In estimating or inferring the historical extent of decline or the recent rate of decline, all relevant data should be taken into account. A decline need not necessarily be ongoing. If data are available only for a short period and the extent or rate of decline based on these data are cause for concern, the guidelines above (extrapolated as necessary or relevant) should still apply. However, natural fluctuations should not normally count as part of a decline, but an observed decline should not necessarily be considered part of a natural fluctuation unless there is evidence for this. A decline that is the result of legal activities carried out pursuant to a harvesting programme that reduces the population to a planned level, not detrimental to the survival of the species, is not covered by the term "decline".

The assessment of decline by reference to area of habitat may be more appropriate where there are intrinsic difficulties in measuring the number of individuals.

Extended period

~~The meaning of the term extended period will vary according to the biological characteristics of the species. Selection of the period will depend upon the observed pattern of natural fluctuations in the abundance of the species and on whether the number of specimens removed from the wild is consistent with a sustainable harvesting programme that is based on these natural fluctuations.~~

Fluctuations

Fluctuations in population size or area of distribution are considered large when the population size or area in question varies widely, rapidly or frequently. The judgement that there are large short-term fluctuations in the number of individuals is taxon specific. For instance, it depends on the generation length of the taxon. Where data exist to make an estimate, one order of magnitude has been found to be an appropriate guideline (not a threshold) for population size. Similarly, fluctuations can be considered 'short term' if the period of fluctuation is about two years. However, this figure is presented only as an example, since it is impossible to give numerical values that are applicable to all taxa. There will be many cases where this numerical guideline does not apply.

Fragmentation

Fragmentation refers to the case where most individuals within a taxon are found in small and relatively isolated sub-populations, which increases the probability that these small sub-populations will become extinct and the opportunities for re-establishment are limited. For some species in trade where data exist to make an estimate, an area of distribution of 500 km² or less for each subpopulation has been found to be an appropriate guideline (not a threshold) of what constitutes fragmentation. However, this figure is presented only as an example, since it is impossible to give numerical values that are applicable to all taxa. There will be many cases where this numerical guideline does not apply.

Generation length

Generation length is the average age of parents of the current cohort (i.e., newborn individuals in the population). Generation length therefore reflects the turnover rate of breeding individuals in a population. Generation length is greater than the age at first breeding and less than the age of the oldest breeding individual, except in taxa that breed only once. Where generation length varies under threat, the more natural (i.e., pre-disturbance) generation length should be used.

Near future

Refers to a time period in which it can be projected or inferred that a species would satisfy one (or more) of the criteria in Annex I unless it is included in Appendix II. Clearly this period will be taxon- and case-specific, however, 5-10 years may be considered a useful guideline. However, this figure is presented only as an example, since it is impossible to give numerical values that are applicable to all taxa. There will be many cases where this numerical guideline does not apply.

Population issues

Population

Population refers to the total number of individuals of the species (as "species" is defined in Article 1 of the Convention and in this Annex). ~~(to be considered in light of any decision arising from consideration of Doc. 12.59).~~

Wild population

Wild population refers to the total number of individuals of the species within its area of distribution, as defined in this annex.

Sub-population

Sub-populations are defined as geographically or otherwise distinct groups in the population between which there is limited genetic exchange.

Population size

When providing details on the size of a population or sub-population, it should be made clear whether the information presented relates to an estimate of the total number of individuals or to the effective population size (i.e., individuals capable of reproduction, excluding individuals that are environmentally and behaviourally or otherwise reproductively suppressed in the wild) or to another appropriate measure or component of the population.

In the case of species biologically dependent on other species for all or part of their life cycles, biologically appropriate values for the host or co-dependent species should be chosen.

Small wild population

The judgement that a wild population is small is taxon-specific and can be justified by a number of considerations. For example, the population of a related taxonomic group. For some species where data exist to make an estimate, a figure of less than 5,000 individuals has been found to be an appropriate guideline (not a threshold) of what constitutes a small wild population. However, this figure is presented only as an example, since it is impossible to give numerical values that are applicable to all taxa. There will be many cases where this numerical guideline does not apply.

Very small wild sub-population

The judgement that a wild sub-population is very small is taxon-specific. For some species where data exist to make an estimate, a figure of less than 500 individuals has been found to be an appropriate guideline (not a threshold) of what constitutes a very small sub-population. However, this figure is presented only as an example, since it is impossible to give numerical values that are applicable to all taxa. There will be many cases where this numerical guideline does not apply.

Possibly extinct

A species is possibly extinct when exhaustive surveys in known and/or suspected habitat, and at appropriate times (diurnal, seasonal, annual), throughout its historic range have failed to record an individual. Before a species can be declared possibly extinct, surveys should take place over a time-frame appropriate to the species' life cycle and life form.

Recruitment

Recruitment is the total number of individuals added to any particular demographic class of a population by either sexual or asexual reproduction.

Threatened with extinction

Threatened with extinction is defined by Annex 1. The vulnerability of a species to threats of extinction depends on its population demographics, biological characteristics (such as body size, trophic level, life

cycle, breeding structure or social structure requirements for successful reproduction), and vulnerability due to aggregating habits, natural fluctuations in population size, and/or residency/migratory patterns. This makes it impossible to give numerical threshold values for population size or area of distribution that are applicable to all taxa.

Vulnerability

Vulnerability can be defined as the susceptibility to intrinsic or external effects which increase the risk of extinction. There are a number of taxon- or case-specific biological and other factors that may affect the extinction risk associated with a given percentage decline, small population size or restricted area of distribution. These can be, but are not limited to, aspects of any of the following:

INTRINSIC FACTORS:

- Life history (e.g., low fecundity, slow growth rate of the individual, high age at first maturity, long generation time)
- Low absolute numbers or biomass or restricted area of distribution
- Population structure (age/size structure, sex ratio)
- Behavioural factors (e.g., social structure, migration, aggregating behaviour)
- Density (for sessile or semi-sessile species)
- Specialized niche requirements (e.g., diet, habitat)
- Species associations such as symbiosis and other forms of co-dependency
- Reduced genetic diversity
- Depensation (prone to continuing decline even in the absence of exploitation)
- Endemism
- Seed dispersal mechanism
- Specialized pollinators

EXTRINSIC FACTORS

- Selectivity of removals (that may compromise recruitment)
- Threats from exotic species (hybridisation, disease transmission, depredation, etc.)
- Habitat degradation (contamination, soil erosion, alteration by invasive species, etc.)
- Habitat loss/destruction
- Habitat fragmentation
- Harsh environmental conditions
- Threats from disease or invasive species
- Rapid environmental change (e.g., climate regime shifts)
- Selectivity of removals (that may compromise recruitment)

Annex 6

Format for proposals to amend the Appendices

NOTE: Annex 6 needs to be made consistent with the rest of the document.

The following provides information and instructions for the submission of a proposal to amend the Appendices and the appropriate supporting statement. Proponents should be guided by the need to provide to the Conference of the Parties sufficient information, of sufficient quality and in sufficient detail, to allow it to judge the proposal against the criteria established for the proposed action. Parties are reminded that proposals should normally be limited to 12 pages (exclusive of references cited). If the proposal is longer than 12 pages, the proponent should provide translations into the working languages of the Convention. This means that the relevant published and unpublished sources of information should be used, although for some species the amount of scientific information will be limited. Where research has been undertaken specifically to obtain information for the proposal, it should be presented in sufficient detail to be assessed by the Parties. Furthermore, this means that it may not be possible to address all elements of the proposal format.

A. Proposal

The proponent should indicate the specific amendment to the Appendices and any relevant annotations or qualifications. [The proponent should justify the basis on which the species meets the relevant criteria.](#)

- Inclusion in Appendix I or transfer from Appendix II to Appendix I. Specify which of the criteria in Annex 1 of the Resolution are satisfied
- Inclusion in Appendix II
 - in accordance with Article II 2(a)
 - specify which of the criteria in Annex 2a of the Resolution are satisfied
 - in accordance with Article II 2(b)
 - for reasons of look-alike problems (criterion A of Annex 2b). In this case, the names of the similar species already included in the Appendices should be given in section C11, "Additional remarks"
 - for other reasons (such as those referred to in Annexes 2a, paragraph B and/or 3 to this Resolution)
- Transfer from Appendix I to Appendix II in accordance with a precautionary measure specified in Annex 4 to this Resolution. Specify which of the criteria in Annex 2 of this Resolution are satisfied; specify why the criteria in Annex 1 of this Resolution are no longer satisfied; specify which of the measures in Annex 4 of this Resolution are satisfied or implemented
- Deletion from Appendix II. Specify why the criteria in Annex 2 of this Resolution are not satisfied
- Other action (provide explanation) (e.g., amendment of a quota)

Annotations

If a specific annotation to the listing in the Appendices is proposed, the proponent should:

- ensure that the proposed annotation is in compliance with the applicable Resolution;
- indicate the practical intent of the annotation;
- harmonize new annotations with existing annotations; and
- be specific and accurate as to affected parts and derivatives.

B. Proponent

The proponent may only be a Party to the Convention, in accordance with Article XV of the Convention.

C. Supporting statement

1. Taxonomy

The proponent should provide sufficient information to allow the Conference of the Parties to identify clearly the taxon that is the subject of the proposal.

1.1 Class

1.2 Order

1.3 Family

1.4 Genus, species or subspecies, including author and year

If the species concerned is included in one of the standard lists of names or taxonomic references adopted by the Conference of the Parties, the name provided by that reference should be entered here. If the species concerned is not included in one of the adopted standard references, the proponent should provide references as to the source of the name used.

1.5 Scientific synonyms

The proponent should provide information on other scientific names or synonyms under which the species concerned may be known currently, especially if these names are used in the trade in the species.

1.6 Common names (including, where appropriate, trade names)

1.7 Code numbers

If the species concerned is already included in the Appendices, refer to the code numbers in the CITES Identification Manual.

2. Overview

Provide a brief overview of key elements of the proposal. Parties should cite key sections of the supporting statement. Also explain how the species complies with the criteria in this Resolution.

3. Species characteristics

The information required in this section is a summary of surveys, literature searches, and relevant studies. The references used must be listed in section 12 of the proposal. It is understood that the quality of the information available will vary a lot, but these instructions indicate the type of information that is required. If the proposal relates to a geographically separate population or subspecies, it should consider, where relevant, the biological species in its entirety to provide the appropriate context.

3.1 Distribution

Specify the currently known range of the species. If possible, provide information to indicate whether or not the distribution of the species is continuous and, if it is not, indicate to what degree it is fragmented.

3.2 Habitat

Specify the types of habitats occupied by the species and, when relevant, the degree of habitat specificity and the extent of each habitat type over the range of the species.

3.3 Biological characteristics

Provide a summary of general biological and life history characteristics of the species (e.g., reproduction, recruitment, survival rate, migration, sex ratio, regeneration or reproductive strategies).

3.4 Morphological characteristics

Provide a general description of the morphological diagnostic characteristics of the species, including colour, and information on morphological features by which the species can be differentiated from taxonomically closely related species.

3.5 Role of the species in its ecosystem

If available, provide information about the role of this species in its ecosystem, and other relevant ecological information, as well as the potential impact of this proposal on that role.

4. Status and trends

This section includes qualitative and quantitative information that allow past and present trends to be evaluated pursuant to the criteria. The sources used must be referenced in section 12 of the proposal. It is understood that the quality of the information available will vary. The instructions below indicate the type of information that should be provided if possible. If the proposal relates to a geographically separate population or subspecies, it should consider, when relevant, the biological species in its entirety to provide the appropriate context. If available, the proposal should include any relevant quantitative analyses, stock assessments, etc. The proposal should note whether conclusions are based on observations, inferences or projections.

4.1 Habitat trends

Give information on the nature, rate and extent of habitat change (e.g., loss, degradation or modification), noting when applicable the degree of fragmentation and discernable changes in the quality of habitat. Where appropriate, the relationship between habitat and population trends should be described.

4.2 Population size

Give an estimate of the current total population or number of individuals differentiated by relevant age classes where possible, or other indices of population abundance, based on the most recently available data. Provide information on the source of the data used. Where appropriate provide the number of sub-populations, and their estimated sizes.

4.3 Population structure

Provide basic information on the current structure of the population and any past or current changes over time in that structure (e.g., social structure, population demographics, proportion of mature individuals or sex ratio).

4.4 Population trends

Basic, quantitative and qualitative information, when available, should be provided on current and past trends in the species's abundance (provide sources). The period over which these trends, if any, have been measured should be indicated. If the species naturally undergoes marked fluctuations in population size, information should be provided to demonstrate that the trend transcends natural fluctuations. If generation-time has been used in estimating the trend, state how the generation-time has been estimated.

4.5 Geographic trends

Provide information, when available on current and past trends in the species' distribution, indicating the period over which these trends, if any, have been measured. If relevant give data on the degree and periodicity of fluctuations in the area of distribution.

5. Threats

Specify the nature, intensity and if possible relative importance of human-induced threats (e.g., habitat loss and/or degradation; over-exploitation; effects of competition/predation by introduced species and effects of hybridization, toxins and pollutants; etc.).

6. Utilization and trade

6.1 National utilization

Specify the types and extent of all known uses of the species, indicating trends if possible. Provide details of harvest methods. Indicate the extent to which utilization is from captive-bred, artificially propagated, or wild specimens.

Provide details of any stockpiles known to exist, and the measures that might be taken to dispose of them.

6.2 Legal trade

Quantify the level of international trade, identifying the source of statistics used (e.g., Customs statistics, CITES annual report data, FAO data, industry reports, etc.). Provide justification for inferences made about trade levels. Provide information about the nature of the trade (e.g., primarily for commercial purposes, primarily live specimens, primarily parts and derivatives, primarily of captive-bred or artificially propagated specimens, etc.) and about how the proposed amendment is expected to affect the nature of the trade.

6.3 Parts and derivatives in trade

To the extent possible, list parts and derivatives, including types of products in trade, Customs tariff codes specific to those parts and derivatives, and major importing and exporting countries that trade in those parts and derivatives.

6.4 Illegal trade

To the extent possible, quantify the level of illegal trade, nationally and internationally, and describe its nature. Assess the relative importance of this trade in relation to legal offtake for national use or legal international trade. Provide information on how the proposed amendment is expected to affect the nature of the trade.

6.5 Actual or potential trade impacts

Discuss the importance of current and/or future exploitation for international trade relative to overall use (domestic included) as a threat to the species in question.

7. Legal instruments

7.1 National

Provide details of legislation relating to the conservation of the species, including its habitat, either specifically (such as endangered-species legislation) or generally (such as legislation on wildlife and accompanying regulations). Indicate the nature of legal protection (i.e. is the species totally protected, or whether harvesting is regulated or controlled). Provide an assessment of the effectiveness of this legislation in ensuring the conservation and/or management of the species.

Provide similar information relating to legislation governing the management of trade in the species in question. Provide an assessment of the effectiveness of this legislation in controlling illegal trade in the species.

7.2 International

Provide details of international instruments relating to the species in question, including the nature of the protection afforded by such instruments. Provide an assessment of the effectiveness of these instruments in ensuring the conservation and/or management of the species.

Provide similar information on international instruments relating to the management of trade in the species in question. Provide an assessment of the effectiveness of these instruments in controlling illegal trade in the species.

8. Species management

8.1 Management measures

Provide details of programmes in place in the range States to manage populations of the species in question (e.g., controlled harvest from the wild, captive breeding or artificial propagation, reintroduction, ranching, quota systems, etc.). Include, where appropriate, details such as

planned harvest rates, planned population sizes procedures for the establishment and implementation of quotas, and mechanisms for ensuring that wildlife management advice is taken into account.

Where applicable, provide details of any mechanisms used to ensure a return from utilization of the species in question to conservation and/or management programmes (e.g., pricing schemes, community ownership plans, export tariffs, etc.).

8.2 Population monitoring

Provide details of programmes in place to monitor the status of wild populations and the sustainability of offtake from the wild.

8.3 Control measures

8.3.1 International

Provide information on measures in place, in addition to CITES, to control the movement of specimens of the species in question across international borders. Include information about marking schemes in place, if any.

8.3.2 Domestic

Provide information on controls in the range States aimed at ensuring a sustainable harvest from the wild of the species in question. Include information on education, compliance and enforcement activities as appropriate and an assessment of the effectiveness of the programmes.

8.4 Captive breeding and artificial propagation

Where applicable, provide details of commercial captive-breeding or artificial propagation operations, including plantations, for the species in question within the country in question, including the size of captive stocks and the production, and the extent to which these operations are either contributing to a conservation programme or meeting a demand that would otherwise be met by specimens from the wild. Discuss any management implications of captive-breeding or artificial propagation programmes. Also provide information on the extent of captive-breeding or artificial propagation outside the country or countries of origin to the extent possible.

8.5 Habitat conservation

Provide information, where available, regarding the number, size and type of protected areas relevant to the habitat of the species, and on habitat conservation programmes outside protected areas.

8.6 Safeguards

In the case of proposals to transfer species from Appendix I to Appendix II or deletion from Appendix II, or proposals involving substantive annotations, provide information on any relevant safeguards.

If the proposed amendment is likely to lead to an increase in trade in the species concerned, explain why this would not result in unsustainable trade in similar species.

9. Information on similar species

Give the names of species of which specimens in trade look very similar. Provide details on how they may be distinguished, including, in particular, details on those commodities or parts and derivatives most common in trade, and explain whether or not it is reasonable to expect an informed non-expert to be able to make a firm identification. Provide details on how to resolve potential difficulties in distinguishing specimens of the species proposed for listing from those of similar species, in particular those specimens most common in trade.

10. Consultations

Provide details of the consultation undertaken to secure comments on the proposal from the range States of the species, either through direct contact or via the CITES Secretariat. Comments received from each country should be provided. Where comments were sought but not received in sufficient time to enable their inclusion in the supporting statement, this should be noted, as well as the date of the request.

In cases of proposals to transfer Appendix-II species that are subject to actions pursuant to Resolution Conf. 8.9 (Rev.) to Appendix I the proponent should consult the affected range State(s) and, as appropriate, the Animals Committee or Plants Committee. The proponent should state the reasons to justify why the amendment proposal was made. In cases of consultation with Parties via the CITES Secretariat, information from range States and non-range States should be separated.

In the case of species that are also managed through other international agreements or intergovernmental bodies, provide details of the consultations undertaken to obtain the comments of those organizations or bodies, and indicate how those comments have been addressed in the supporting statement. Where comments were sought but not received in sufficient time to enable their inclusion in the supporting statement, this should be noted, as well as the date of the request.

11. Additional remarks

12. References

PC14 WG1

**Working group to assist the Chairman in the production of the Chairman's report
for the 13th meeting of the Conference of the Parties**

This working group comprised the Chairman of the Plants Committee, each Plants Committee member and the Secretariat.

The Committee agreed that this working group should assess the progress made in addressing the Resolutions and Decisions directed or related to it as outlined in document PC13 Doc. 8.1.

The working group reported orally to the Plants Committee on its conclusions.

PC14 WG2 Doc. 1
(English only/Únicamente en inglés/Seulement en anglais)

Report of the working group on improving regional communication

Participants: Thomas Althaus (Chairman AC), Che Jumat Ahmad, Quentin Luke, Irawati, N.P. Singh, Enrique Forero, Giuseppe Frenguelli, Tom De Meulenaer (Secretariat), David Morgan, Mike Griffin (Rep. in AC), Chris Schürmann (Chair).

Proposed recommendations of PC14:

1. To amend Resolution Conf. 11.1 (Rev. CoP12) on the Establishment of Committees, as follows:
 - a) The proposals for candidates as representatives should be supported by ~~the relevant~~ their governments and/or institutions in a formal commitment in order to ensure ~~as far as possible~~ that they will obtain the necessary means (Covering financial needs, office, equipment, communication facilities email and internet) to undertake their activities;

Clarification: regional reps need full support of their government and/or institutions to fulfill their tasks.

2. To amend Resolution Conf. 11.1 (Rev. CoP12) on the Establishment of Committees, as follows:
 - b) The names of the proposed candidates, their formal commitment to fulfill the job, and their *curricula vitae*, should be circulated to the Parties of the region concerned at least 120 days before the meeting of the Conference of the Parties at which the representatives will be elected;
3. The functioning of the Regional Representatives will be evaluated at regular intervals by the Committee.

In case of non performance, of a specific Regional Representative, he or she will be replaced by an interim Representative.

A (postal) procedure be developed for interim follow-up of the sacked representative until the next Conference.

4. PC and AC need to produce a document for CoP13 to make Parties aware of the urgency of developing another mechanism, including a budget line, to support the chairs and vice-chairs of PC and AC in order to enable their adequate functioning.

Clarification: we will never have a Chairman from a developing country for PC and AC if the Conference does not provide the means (financial, time-compensating, e.o.). It is the responsibility of the Parties / Conference to enable the proper functioning of the chairs and vice-chairs.

5. Parties must assign a contact person for PC and a contact person for AC to respond to regional communications, as required in Resolution Conf. 11.1 (Rev. CoP12), under Resolves c).

The Secretariat shall issue a notification as soon as possible that all Parties must inform the Secretariat of the name and address of the contact person for PC and the contact person for AC before CoP13. The Secretariat shall compile a separate register of contact persons and publish this on the website.

6. The Secretariat shall verify whether the level of communication of information from the Secretariat to the Regional Representatives is sufficient for every Representative. The Secretariat will ensure that all relevant information on CITES issues, including all documents, will be send directly to all Representatives, either in hard copy or by email, as requested by the specific Representative.

7. A joint Drafting Group of PC and AC will develop a Manual or Instruction Book, and a generic time table, to be presented at CoP13, specifying:
 - a) the tasks of a Regional Representative
 - b) the tasks of the contact persons for PC and AC.

The manual must be applicable under different cultural conditions.

PC14 WG3.1 Doc. 1
(English only/Únicamente en inglés/Seulement en anglais)

Report of the working group on the evaluation of the Review of Significant Trade

Significant trade in plants

EVALUATION OF THE REVIEW OF SIGNIFICANT TRADE [DECISION 12.75]

1. This document has been prepared by the working group on the Review of significant trade in specimens of Appendix-II species. The working group comprised of regional representatives of Africa, Asia, Oceania and observers from Botswana, Democratic Republic of Congo, Germany, Ireland, Malaysia, Namibia, South Africa, United Kingdom of Great Britain and Northern Ireland (UK-Chairman), United Republic of Tanzania, United States of America and the European Commission, TRAFFIC East /South Africa, Fauna and Flora International (FFI), Species Survival Network (SSN) and UNEP-WCMC. The working group was Chaired by the UK.
2. At its 12th meeting (Santiago, 2002), the Conference of the Parties adopted Decision 12.75 regarding the evaluation of the Review of Significant Trade, directed to the Animals and Plants Committees, stating that:

The Animals and Plants Committees shall draft terms of reference for an evaluation of the Review of Significant Trade, to be considered at the 13th meeting of the Conference of the Parties.
3. To assist the Animals and Plants Committees in their implementation of Decision 12.75, the Secretariat drafted Terms of Reference (ToR) for an evaluation of the Review of Significant Trade for consideration of both Committees (see the Annex to this document).
4. The draft ToR were considered respectively by working groups at the 13th and 19th meetings of the Plants and Animals Committees (Geneva, August 2003). Comments on the draft were invited and a revised draft was prepared for the 14th meeting of the Plants Committee.
5. The revised draft was discussed at the 14th meeting of the Plants Committee and the text prepared by the working group on Significant Trade. The draft text is attached in Annex 1.
6. With regard to the issues where substantive decisions were required, the working group concluded as follows:
 - a) The working group decided that non-listed species should not be examined in detail as part of the review. However, the reviewer has scope to allude to *possible* effects on non-listed species.
 - b) With the regard to the timing of the review, the working group noted the views expressed at the 19th meeting of the Animals Committee, but concluded nevertheless that the review should not commence until after the 14th meeting of the Conference of the Parties.

PC14 WG3.2 Doc. 1
(English only/Únicamente en inglés/Seulement en anglais)

Report of the working group on progress with the implementation of species reviews

Significant trade in plants
Implementation of Resolution Conf. 12.8

PROGRESS WITH THE IMPLEMENTATION OF SPECIES REVIEWS

**Review of information and confirmation of categorisation by the Plants Committee –
Recommendations of the Significant Trade working group**

1. This document has been prepared by the working group on the Review of significant trade in specimens of Appendix-II species.
2. The working group comprised of regional representatives of Africa, Asia, Oceania and observers from Botswana, Democratic Republic of Congo, Germany, Ireland, Malaysia, Namibia, South Africa, United Kingdom of Great Britain and Northern Ireland (UK), United Republic of Tanzania, United States of America and the European Commission, TRAFFIC East/South Africa, Fauna and Flora International (FFI), Species Survival Network (SSN) and UNEP-WCMC. The working group was Chaired by the United Kingdom.
3. The Chairman introduced Resolution Conf. 12.8 explaining that the task of the working group was to review the information found in the Significant Trade reviews carried out to date (East African Aloes, *Aquilaria malaccensis*, *Pericopsis elata* and Cycads), confirm or revise the preliminary categorizations proposed and formulate recommendations.
4. The recommendations of the working group are outlined in Annex 1.
5. The working group also considered document PC14 Doc. 6.4 *Aquilaria* spp. (Decisions 12.66-12.71): Progress Report and reviewed their status. The results of this review are included in Annex 2.

PC14 WG3.3 Doc. 1
(English only/Únicamente en inglés/Seulement en anglais)

Report of the working group on the selection of new species for inclusion in the Review of Significant Trade

The working group comprised the regional representatives of Africa (J. Donaldson, Chairman, Q. Luke), Asia (Irawati, N.P. Singh), North America (P. Davila), the Chairman of the Animals Committee, observers from Austria, Germany, the United Kingdom, United Republic of Tanzania, United States of America, the European Commission, TRAFFIC, Fauna and Flora International (FFI), Species Survival Network (SSN), UNEP-WCMC and the Secretariat.

The working group was given two tasks.

1. To discuss the methodology proposed by UNEP-WCMC and the complementary process proposed by TRAFFIC; and
2. To provide a list of species for the next round of Significant Trade Review process.

Methodology

The working group felt that the UNEP-WCMC analysis provided a sounded basis for selecting species. To overcome potential problems WCMC should also include:

- The inclusion of the significance of the regression analyses; and
- An analysis of specimens traded as artificially propagated to identify species for review where there may be a problem with reporting.

The proposal by TRAFFIC to include an initial expert review of taxa identified by UNEP-WCMC provided important additional information. However members of the working group felt that aspects of the proposal by TRAFFIC include work that should be done by the Plants Committee or that would form part of the Significant Trade Review process once species had been selected. As a result the decision was that the process should be as follows: the UNEP-WCMC analysis is distributed to members of the Plants Committee and the PC members should then solicit information for species in their area. This information could then be brought to the PC meeting where the selection would be made.

UNEP-WCMC requested the Plants Committee to consider the time frames. At present, the Secretariat is required to request information 90 days after the CoP. A more Suitable arrangement could be to request UNEP-WCMC to supply their analysis 90 days before the meeting of the Plants Committee where a selection would be made.

Species selected for review

Species were selected based on information provided by UNEP-WCMC and TRAFFIC. A decision was made not to focus on a specific country until the out comes from the review of Madagascar were further advanced. However, the working group decided to include Species from Viet Nam (*Cibotium barometz* and *Dendrobium nobile*) and Belize (an orchid species still to be decided on) as way of getting preliminary information for countries where a country-based review may be necessary.

- *Galanthus woronowii*
- *Podophyllum hexandrum*
- *Cyathea contaminans*
- *Cibotium barometz*
- *Dendrobium nobile*
- An orchid species from Belize (to be selected)

PC14 WG4 Doc. 1 (Rev. 1)
(English only/Únicamente en inglés/Seulement en anglais)

Report of the working group on plant Resolutions

The working group comprised the regional representative of Africa, observers from Chile, France, Mexico, the United States (Chairman) and the Secretariat], and the observers from the European Commission and IWMC.

PC14 Doc. 7.4
Annex 3

Draft Revision of Resolution Conf. 11.11

Regulation of trade in plants

RECALLING Resolution Conf. 9.18 (Rev.), adopted by the Conference of the Parties at its ninth meeting (Fort Lauderdale, 1994) and amended at its 10th meeting (Harare, 1997), relating to the implementation of CITES for plants;

AWARE that the Convention provides measures for international cooperation for the protection of certain species of wild plants against over-exploitation through international trade;

AWARE that the text of the Convention and several of the Resolutions of the Conference of the Parties on plants may not or could not have been drafted in the light of modern developments in plant propagation and of the trade in artificially propagated plants;

RECALLING the many specific problems the Parties to the Convention have faced and still face in implementing the Convention for plants;

RECOGNIZING that there are unique aspects of the plant trade and plant biology, such as those related to flaked orchid seedlings, that are not considered analogous to those for animals and that a different approach for plants is sometimes necessary;

RECOGNIZING that the control of the trade in flaked seedlings of orchids from closed nursery systems generally is not considered to be relevant to the protection of the natural populations of orchid species;

RECOGNIZING that many of the problems associated with regulating international trade in plants under the Convention involve artificially propagated specimens;

RECOGNIZING ALSO that the provisions of Article III of the Convention remain the basis for permitting trade in specimens of Appendix-I species of plants that do not qualify for the exemptions of paragraphs 4 and 5 of Article VII;

NOTING that import of wild-collected specimens of Appendix-I plant species for purposes of establishing a commercial operation for artificial propagation is precluded by Article III, paragraph 3 (c), of the Convention, as explained further in Resolution Conf. 5.10, adopted by the Conference of the Parties at its fifth meeting (Buenos Aires, 1985);

OBSERVING that certain Parties that export large quantities of artificially propagated plants need to find ways of reducing paperwork while maintaining protection for wild plants, and helping exporters of artificially propagated plants to understand and to comply with the requirements of the Convention;

THE CONFERENCE OF THE PARTIES TO THE CONVENTION

Regarding the definition of "artificially propagated"

ADOPTS the following definitions for terms used in this Resolution:

- a) "under controlled conditions" means in a non-natural environment that is intensively manipulated by human intervention for the purpose of plant production. General characteristics of controlled conditions may include but are not limited to tillage, fertilization, weed and pest control, irrigation, or nursery operations such as potting, bedding or protection from weather;
- b) "cultivated parental stock" means the ensemble of plants grown under controlled conditions that are used for artificial propagation which:
- i) has been established in accordance with the provisions of CITES and relevant national laws and in a manner not detrimental to the survival of the species in the wild; and
 - ii) will be retained for propagation in sufficient quantities in order to minimize or eliminate the need for augmentation from the wild, with such augmentation occurring only as an exception and limited to the amount necessary to maintain the vigour and productivity of the cultivated parental stock;

DETERMINES that the term 'artificially propagated' shall be interpreted to refer only to specimens produced from cultivated parental stock, under controlled conditions; and shall

- a) for specimens grown from wild-collected seeds:
- i) in the case of specimens in Appendix II apply only if the seeds are exempt from the provisions of the Convention; or
 - ii) in the case of species in Appendix I apply only if:
 - A) the establishment of a cultivated parental stock presents significant difficulties in practice because specimens take a long time to reach reproductive age, as for many tree species;
 - B) the propagules are collected from the wild and grown under controlled conditions in a range country; and
 - C) the relevant Scientific Authority of that range country has determined that collection of the seeds or other propagules is not detrimental to the survival of the species in the wild;
- b) in the case of all other parts and derivatives shall be applied only if they are taken from specimens that have been artificially propagated in accordance with the provisions of paragraph a) above; and

Regarding artificially propagated grafted plants

RECOMMENDS that:

- a) grafted plants shall be recognized as artificially propagated only when both the root-stock and the graft have been taken from specimens that have been artificially propagated in accordance with the definition above; and
- b) grafted specimens consisting of taxa from different Appendices shall be treated as specimens of the taxon included in the more restrictive Appendix;

Regarding higher-taxon listings of plants [no wording change, just reformatted]

RECOMMENDS that:

~~current higher-taxon listings of plants in the Appendices, including the families of Orchidaceae and Cactaceae, be maintained as long as they are essential for effective control of trade in the many specie~~

RECOMMENDS that current higher-taxon listings of plants in the Appendices, including the families of Orchidaceae and Cactaceae, be maintained as long as they are essential for effective control of trade in the many species within those taxa that are threatened or potentially at risk;

Regarding rainsticks

RECOMMENDS that Parties consider the harmonization of their national legislation related to personal exemptions for rainsticks of Cactaceae spp. granted under the personal effects exemption under Article VII, paragraph 3, and consider limiting this exemption to no more than three rain sticks of the species concerned per person;

Regarding hybrids

DETERMINES that:

- a) hybrids shall be subject to the provisions of the Convention even though not specifically included in the Appendices if one or both of their parents are of taxa included in the Appendices, unless the hybrids are excluded from CITES controls by a specific annotation in Appendix II or III; and
- b) if the parents of a hybrid are of taxa included in different Appendices, the provisions of the less restrictive Appendix shall apply, unless otherwise annotated;

Regarding flaked seedlings of Appendix-I orchids

RECOMMENDS that flaked seedlings of orchid species listed in Appendix I be interpreted as being exempt from CITES control only if they have been artificially propagated in accordance with the definition provided above. [taking into account the provisions of Article VII, paragraph 4, and Article I, paragraph (b)(iii), and agreeing to a derogation from Resolution Conf. 9.6 (Rev.) for this exemption;"]

Regarding enforcement for plants

RECOMMENDS that Parties ensure that:

- a) enforcement officers are adequately informed of CITES requirements, procedures governing inspection and clearance of CITES plant specimens, and procedures necessary for the detection of illegal trade;
- b) enforcing agencies obtain access to materials and expertise enabling identification of plant specimens in trade, including whether the specimen is of wild or artificially propagated origin;
- c) enforcing agencies utilize annual reports, plant health documents, nursery catalogues and other sources of information to detect possible illegal trade; and
- d) enforcing agencies maintain close liaison with the Management and Scientific Authorities for the purpose of setting and implementing enforcement priorities;

Regarding trade in salvaged plant specimens

RECOMMENDS that:

- a) whenever possible, Parties ensure programmes of environment modification do not threaten the survival of plant species included in the CITES Appendices, and that protection of Appendix-I species *in situ* be considered as a national and international obligation;
- b) Parties establish salvaged specimens in cultivation where concerted attempts have failed to ensure that such programmes do not put at risk wild populations of species included in the CITES Appendices; and
- c) international trade in salvaged specimens of Appendix-I plants, and of Appendix-II plants whose entry into trade might otherwise have been considered detrimental to the survival of the species in the wild, be permitted where all of the following conditions are met:
 - i) such trade would clearly enhance the survival of the species, albeit not in the wild;
 - ii) import is for the purposes of care and propagation of the species; and

- iii) import is by bona fide botanic garden or scientific institution;

Regarding education about plant conservation through CITES

RECOMMENDS that:

- a) Parties routinely provide updates of information on all aspects of CITES implementation for plants for publication in scientific, horticultural or plant trade journals and in the publications of plant associations;
- b) Parties regularly provide updates of information on all aspects of CITES implementation to botanic gardens, tourist organizations and relevant non-governmental organizations for further dissemination to the general public;
- c) Parties develop and maintain a good liaison with national plant-trade organizations, to inform them about all aspects of the implementation of CITES for plants, and to communicate to the Secretariat specific implementation problems presented by these national organizations, for consideration by the Plants Committee;
- d) the Secretariat develop and maintain a good liaison with international plant-trade organizations and botanic garden associations (in particular with the International Association of Botanic Gardens and Botanic Gardens Conservation International); and
- e) the Secretariat distribute information on the potential conservation benefits that may be derived from artificial propagation and, where appropriate, encourage artificial propagation as an alternative to the removal of specimens from the wild; and

AMENDS Resolution Conf. 11.11 (Nairobi, 2000), Regulation of trade in plants.

PC14 WG5

Working group to review the proposals drafted by Switzerland

The working group would comprise the representative of Asia, the observers from China, Germany, Mexico, the Netherlands, Switzerland, the United States (Chairman), TRAFFIC and the Chairman.

The Committee established this working group to review the proposals drafted by Switzerland and recommend possible amendments in light of the discussion and recommendations made by the meeting participants, for consideration later in the meeting.

The working group reported orally to the Plants Committee on its conclusions.

PC14 WG6

Working group to provide final recommendations regarding the definition of the term 'plywood'

The working group would comprise the observers from Canada, Chile, Italy, Mexico, the United Kingdom and the United States (Chairman), and the Secretariat.

The Committee established this working group to provide final recommendations regarding the definition of the term 'plywood', outlined in document PC14 Doc. 7.5.1, and to recommend possible amendments to the draft revision of Resolution Conf. 10.13, as proposed in the Annex of document PC14 Doc. 7.5.2 (Rev. 1), for consideration later in the meeting.

The working group reported orally to the Plants Committee on its conclusions.

PC14 WG7 Doc. 1
(Spanish only/Únicamente en español/Seulement en espagnol)

Informe del grupo de trabajo sobre la caoba

Prioridades en la implementación de la Decisión 12.21 sobre caoba (*Swietenia macrophylla*)

1. Este documento ha sido preparado por el grupo de trabajo que incluyo al representante regional de América Central, del Sur y el Caribe, los observadores de Guatemala y los Países Bajos, y la Secretaría.
2. Del informe de la Segunda reunión del Grupo de trabajo sobre caoba realizada en Belem (Brasil) en octubre de 2003, en el cual se analizan las medidas prioritarias y se dan unas recomendaciones para la implementación de la Decisión 12.21, el grupo de trabajo establecido en la 14ª reunión del Comité de Flora ha identificado las siguientes prioridades:
 - a) Planes de manejo: Es prioritaria la preparación y oficialización de planes de manejo de la caoba a nivel nacional y subregional.
 - b) Inventarios: Es importante promover la realización de inventarios forestales, así como adelantar y promover programas para determinar y monitorear la distribución de la caoba, el tamaño de sus poblaciones y su estado de conservación.
 - c) Capacitación: Es necesario desarrollar programas de capacitación en el monitoreo y en el manejo de procesos y documentos relacionados con CITES.
 - d) Grupos de trabajo: Se recomienda la formación de grupos de trabajo sobre caoba en los países del área de distribución.
 - e) Colaboración internacional: Se recomienda que los países Parte, la Secretaría CITES, las organizaciones internacionales y las organizaciones no gubernamentales busquen la forma de compartir información a través de la realización de talleres regionales, programas de capacitación, intercambio de experiencias e identificación de fuentes de financiación, entre otros.
3. Se solicita a la Secretaría que comunique estas prioridades a los miembros del Grupo de trabajo sobre caoba. Estas prioridades se deben tener en cuenta en la preparación del informe que ese grupo debe presentar a la 13ª reunión de la Conferencia de las Partes. Se insta a Brasil a liderar la preparación de este informe.
4. El grupo de trabajo sugiere también que la Secretaría consulte con los miembros del Grupo de trabajo sobre caoba en relación con la posibilidad de realizar una nueva reunión antes de la CoP13 para evaluar, entre otras cosas, los avances alcanzados desde que entró en vigor la inclusión de la caoba en el Apéndice II en noviembre de 2003. Esta reunión podría servir también para conocer en el terreno la situación de las poblaciones de caoba en alguno de los países del área de distribución.

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(English only/Únicamente en inglés/Seulement en anglais)

Report from a meeting of range States for *Harpagophytum*
17 February 2004

1. Present: Representatives from Botswana, Namibia and South Africa, the PC representative for Africa (John Donaldson), and observers from TRAFFIC East/ Southern Africa and Fauna & Flora International.
2. As directed by the Chairman of the Plants Committee, the range States met to discuss what further involvement by the Plants Committee is required in relation to trade in *Harpagophytum*. It was noted that plans to manage the trade sustainably were being developed and implemented in Namibia and Botswana before any Decisions from CITES CoPs were directed at range States, but that Decisions from CoP11 and CoP12 (12.63, 12.64 and 12.65) had prompted positive action in South Africa to evaluate the resource and to develop management plans. The CITES Decisions had also led to far greater regional co-operation. It was further noted that Botswana, Namibia and South Africa believe they have fulfilled their obligations in terms of Decisions 12.63 and 12.64 and that further action with regard to Decisions 12.64 and 12.65 could best be dealt with through intergovernmental dialogue and marketing strategies to promote trade in products that provide a fair deal to harvesters. These actions do not require further CITES Decisions.
3. The discussions regarding *Harpagophytum* in the Plants Committee make it clear that there are lessons to be learnt from the Decisions affecting this species, particularly regarding the impact of CITES decisions on the livelihoods of poor people. The suggestion is that an information document is drawn up for CoP13 to highlight these lessons learnt and that the Chairperson of the PC includes a statement in her report that could lead to a Decision at the CoP.

Recommendations:

- a) That the Plants Committee accepts the reports from range States
- b) That the PC decide on what action is required for outstanding reports from importing countries
- c) That the Regional Devils Claw Working Group compile an information document for CoP13 on lessons learnt from the DC experience.
- d) That a suitable statement is included in the Chairs report, e.g.:

“Through experience with the proposed listing of *Harpagophytum* on CITES Appendix II and subsequent CoP Decisions (11.63, 12.63, 12.64, 12.65), the Plants Committee recognizes that the implementation of CITES Decisions may impact on the livelihoods of poor people. The Plants Committee recommends that the Secretariat be requested to explore options for including information on the impact of CITES listing on poor people’s livelihoods as part of the process of drawing up and reviewing proposals to alter the Appendices”.