

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



Sixteenth meeting of the Animals Committee  
Shepherdstown (United States of America), 11-15 December 2000

Periodic review of animal taxa in the Appendices

BACKGROUND

This document has been prepared by the CITES Secretariat.

Introduction

1. Resolution Conf. 11.1 Annex 2 under RESOLVES paragraph h) provides, as part of the terms of reference of the Animals Committee, that the Committee shall:

*undertake a periodic review of animal or plant species included in the CITES Appendices by:*

- i) establishing a schedule for reviewing the biological and trade status of these species;*
  - ii) identifying problems or potential problems concerning the biological status of species being traded;*
  - iii) consulting the Parties on the need to review specific species, working directly with the range States in the selection process, and seeking their assistance in such reviews; and*
  - iv) preparing and submitting amendment proposals resulting from the review, through the Depositary Government, for consideration at meetings of the Conference of the Parties;*
2. This paragraph in Resolution Conf. 11.1 reflects amendments made at the 11th meeting of the Conference of the Parties to clarify the review process as well as expand the role of the Committee [see subparagraphs iii) and iv)].
  3. Of the 31 species and groups of species identified for review by the Committee at its 15th meeting (see Notification to the Parties No. 1999/56 provided in Annex 1), reviews have been completed for only nine species and groups of species at the time of writing (October 2000). The Committee is requested to review the list of outstanding species, and as provided in subparagraph iii), request Parties to assist with outstanding reviews.
  4. A standard format for reviews has not yet been determined, resulting in the varied approach followed so far (see Doc. AC.16.8.1). The Secretariat did provide guidelines with accompanying forms to conduct such reviews after consultation with the Chairman of the Committee (as provided in Annex 2) and the Committee is requested to consider possible amendments to the guidelines that would facilitate a more uniform response.



No. 1999/56

Geneva, 30 July 1999

CONCERNING:

Review of the appendices

Animals

1. At its 15th meeting (Antananarivo, Madagascar, 5-9 July 1999) the Animals Committee discussed in detail the possible approaches to its task of undertaking a periodic review of animal species included in the CITES Appendices [in accordance with Resolution Conf. 9.1 (Rev.) Annex 2, paragraph v].
2. The Animals Committee agreed to review a number of the animal taxa currently included in the appendices. This list of taxa to be reviewed is attached to this Notification.
3. The list contains the names of Parties whose representatives at the meeting agreed to carry out the review of the species concerned.
4. Parties that are range States for the taxa under review may be contacted direct by the nominated co-ordinators of the review for information and advice.
5. At the Animals Committee there were seven species for which no Party volunteered to conduct the review. For these the Chairman of the Animals Committee awaits offers from Parties, in particular range States, to carry out the review.
6. The various activities for this review will be coordinated by Dr Marinus Hoogmoed, regional representative for Europe to the Animals Committee.



List of animal species selected by the Animals Committee for the first phase of the review of the appendices (indicating which Party, if any, had undertaken to coordinate the review)

**Mammals**

Party	Species	Common name	App.	Area	Date first listed
	<i>Mirounga leonina</i>	Southern elephant seal	II	Africa; S. America	1/7/75
Kenya	<i>Panthera pardus</i>	Leopard	I	Africa; Asia	1/7/75
	<i>Cephalophus sylvicultor</i>	Yellow-backed duiker	II	W. Africa	29/7/83
United States of America	<i>Saiga tatarica</i>	Saiga antelope	II	C. Asia	16/2/95
Indonesia	<i>Macaca fascicularis</i>	Crab-eating macaque	II	Asia	4/2/77
Brazil (through the regional representative)	<i>Callithrix jacchus</i>	Common marmoset	I	E. Brazil	4/2/77
Australia	<i>Pteropus macrotis</i>	Big-eared flying fox	II	Pacific islands	22/10/87

**Birds**

Party	Species	Common name	App.	Area	Date first listed
	<i>Caloenas nicobarica</i>	Nicobar pigeon	I	Asia	28/6/79
Argentina	<i>Rhea americana</i>	Common rhea	II	S. America	14/7/76
Australia	<i>Anas aucklandica</i>	Brown teal	I	New Zealand	1/7/75
United States of America	<i>Falco peregrinus</i>	Peregrine falcon	I	Worldwide	1/7/75
Indonesia	<i>Macrocephalon maleo</i>	Maleo megapode	I	E. Indonesia	1/7/75
Guatemala	<i>Ara macao</i>	Scarlet macaw	I	N. South America	28/10/76
Switzerland/ United Republic of Tanzania	<i>Agapornis fischerii</i>	Fischer's lovebird	II	E. Africa	6/6/81

**Reptiles**

Party	Species	Common name	App.	Area	Date first listed
United States of America	<i>Dermochelys coriacea</i>	Leatherback sea turtle	I	Worldwide	1/7/75
Guatemala	<i>Dermatemys mawii</i>	Central America river turtle	II	C. America	6/6/81
	<i>Boa constrictor</i>	Boa constrictor	II	N./S. America	1/7/75
Netherlands	<i>Crocodylurus lacertinus</i>	Dragon lizardet	II	S. America	4/2/77
Argentina	<i>Tupinambis teguixin</i>	Tupinambis	II	S. America	4/2/77
Namibia	<i>Python anchietae</i>	Angola python	II	Africa	1/7/75

### Amphibians

Party	Species	Common name	App.	Area	Date first listed
Netherlands	<i>Dyscophus antongilli</i>	Tomato frog	I	Madagascar	22/10/87
Netherlands	<i>Bufo superciliaris</i>	Cameroon toad	I	W. Africa	1/7/75
United States of America; Mexico	<i>Ambystoma mexicanum</i>	Axolotl	II	Mexico	1/7/75
Netherlands	<i>Rana tigerina</i>	Indian bullfrog	II	Indian subcontinent	1/8/85

### Fishes

Party	Species	Common name	App.	Area	Date first listed
Indonesia	<i>Scleropages formosus</i>	Asian bonytongue	I	S.E. Asia	1/7/75
United Kingdom	<i>Probarbus jullieni</i>	Ikan temolek	I	S.E. Asia	1/7/75
	<i>Cynoscion macdonaldi</i>	Totoaba	I	Mexico	4/2/77

### Invertebrates

Party	Species	Common name	App.	Area	Date first listed
	<i>Hirudo medicinalis</i>	Medicinal leech	II	Europe, W. Asia	22/10/87
Spain	<i>Parnassius apollo</i>	Mountain apollo butterfly	II	Europe	4/2/77
United States of America	Order: Antipatharia	Black corals	II	Tropical worldwide	6/6/81
	<i>Goniopora</i> spp.	Flower pot coral	II	Tropical worldwide	18/1/90

**Guidelines for the review of animal species listed in CITES Appendices  
(pursuant to Resolution Conf. 9.1 (Rev.), Annex 2, paragraph v)**

The following should be taken into account by reviewers:

1. Consultation with range States

It is important that the range States be involved in the process from the beginning onwards. It is for that reason that the Secretariat has already sent out Notification to the Parties No. 1999/56, explaining the process and mentioning the various co-ordinators involved. It is important that a copy of this Notification be included when range States are requested to participate in the review of the Appendices.

2. Objective

Resolution Conf. 9.1 (Rev.), Annex 2, paragraph v) directs the Animals Committee to undertake a periodic review of animal species included in the CITES appendices by:

- A) establishing a schedule for reviewing the biological and trade status of these species;
- B) identifying problems or potential problems concerning the biological status of species being traded; and
- C) informing the Parties of the need to review specific species, and assisting them in such reviews.

Concerning sub-paragraph A, the Animals Committee decided to initially concentrate on species listed prior to the adoption of Resolution Conf. 9.24, in order to assess whether the current status of species listed prior to 1994 matches the criteria established in Resolution Conf. 9.24.

3. Methodology

The review of the taxa should, wherever possible, be based on the information requirements outlined in Annex 6 of Resolution Conf. 9.24, applying all the criteria and requirements included in the operative part of this resolution and its annexes. A copy of this resolution is attached.

The following information is required to do such a review:

- Conservation status and rationale for initial listing (where available)
- Summary of trade since the initial listing
- Current population status
- Information on population trends.

The Secretariat will search for relevant information in its files for each species concerned and will provide this information along with information from the proceedings of the first and second meeting of the Conference of the Parties to reviewers. The Secretariat will furthermore obtain summaries of trade data from WCMC and provide such summaries to reviewers.

Reviewers should request Parties who are range States for the species under review to provide information about the current status of the species under review. Subjects to be included in a questionnaire are suggested below.

Questionnaire:

- a) Name of the Party the questionnaire will be addressed to;
- b) Name of the reviewer in the country responsible (see Notification to the Parties No. 1999/56), including the address to which completed questionnaires should be returned;
- c) Information that should already be provided by the reviewer:
  - Name of the taxon (including all taxonomic information as required in the Annex to Resolution Conf. 9.24)
  - Area of distribution
  - Summary of trade data
  - All information currently available from other sources.
- d) Information should be requested from the Party concerning the following:
  - For communication purposes: the name and address of the person providing information on the taxa concerned.
  - Current population status
  - Information on population trends
  - Corrections/additions to the information provided to the country concerned
  - Habitat preferences/details
  - Detail on legislation (if available) under which the species receives protection at the national level
  - Detail on legislation (if available) providing protection on the international level
  - Information on national trade
  - Existing management measures
  - Known captive breeding
  - Detail on literature or other references on which the information is based.

(Note: It is important that the first communication with a Party be in the language used in that country. In such a letter, it could be requested to use English in future communications. If the texts are not too long, the Secretariat might be able to help with translations, but bear in mind that we are currently preparing for COP11.)

4. The Chairman of the Animals Committee requests that reviewers attempt, wherever possible, to follow the timetable below:

31 March 2000: Drafts/questionnaires to be sent to the Parties concerned.

31 May 2000: Reminders to Parties that have not responded.

1 July 2000: Deadline for providing sheets on reviewed taxa to the Secretariat.

1 August 2000: All sheets on reviewed taxa to be sent to the members of the Animals Committee.

**Appendix I criteria**

Criteria⇒	<b>A</b>					<b>B</b>				<b>C</b>		<b>D</b>	<b>Trade Criteria</b>				<b>Appendix I (Y/N)</b>	<b>Application problems</b>
	The wild population is small, and is characterized by <b>at least one</b> of the following (i-v):					The wild population has a restricted area of distribution and is characterized by <b>at least one</b> of the following (i-iv):				A decline in the number of individuals in the wild, which has been <b>either</b> (i-ii):		If not included in AI, species would satisfy A, B or C within 5 yrs	At least one of the following (i-iv):					
Taxon ↓	i	ii	iii	iv	v	i	ii	iii	iv	i	ii			i	ii	iii	iv	

Doc. AC.16:8 – p. 9

- Key:**
- Y      taxon satisfies the criteria
  - N1     taxon does not meet the criteria: sufficient information
  - N2     taxon does not meet the criteria: insufficient information
  - N3     taxon does not meet the criteria: no information

### Appendix-I biological 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; or
- v) a high vulnerability due to the species' 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 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 number of sub-populations; or
  - the number of individuals; or
  - the area or quality of habitat; or
  - reproductive potential.

C. A decline in the number of individuals 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 or quality of habitat; or
  - levels or patterns of exploitation; or
  - threats from extrinsic factors such as the effects of pathogens, competitors, parasites, predators, hybridization, introduced species and the effects of toxins and pollutants; or
  - decreasing reproductive potential.

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.

**Appendix II criteria**

A species should be included in Appendix II when <i>either</i> A or B and at least <i>one</i> of the trade criteria is met:									
Criteria⇒	<b>A</b> It is known, inferred or projected that unless trade in a species is subject to strict regulation, it will meet <b>at least one</b> of Appendix I criteria in the near future	<b>B</b> It is known, inferred or projected that the harvesting of specimens from the wild for international trade has, or may have, a detrimental impact on the species by <b>either</b> :		<b>Trade Criteria</b>  A species must meet <b>at least one</b> of the following (i-iv):				<b>Appendix II (Y/N)</b>	<b>Application problems</b>
Taxon ↓		i) exceeding, over an extended period the level that can be continued in perpetuity	ii) reducing it to a population level at which its survival would be threatened by other influences	i	ii	iii	iv		

Doc. AC.16.8 – p. 11

- Key:**
- Y      taxon satisfies the criteria
  - N1     taxon does not meet the criteria: sufficient information
  - N2     taxon does not meet the criteria: insufficient information
  - N3     taxon does not meet the criteria: no information