

**Table 1 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX I**

CATEGORIES FOR THE CRITERION

√	(√)	[√]	N/A	X	0	?
works well	works with additional guidance	would work with amendments	not applicable	doesn't work	blank	clarify with the reviewers

Criteria ⇒ Taxon ↓	Trade Criterion Is or may the species be affected by trade?	A) The wild population is small, and is characterized by at least one of the following (see definitions below):					B) The wild population has a restricted area of distribution and is characterized by at least one of the following (see definitions below):				C) A marked decline in <u>population size</u> in the wild, which has been either (see definitions below):		D) If not included in App I, is likely to satisfy one or more of criteria A-C within 5 years?
		A)(i)	A)(ii)	A)(iii)	A)(iv)	A)(v)	B)(i)	B)(ii)	B)(iii)	B)(iv)	C)(i)	C)(ii)	
1. <i>Acipenser transmontanus</i>	The reviewer suggests adding the word "international".	A)(i):The reviewers suggests that "decline in individuals" and "decline in area or quality of habitat" become separate criteria. A)(iii) could be changed to "a majority of individuals, during one or more life phases, being concentrated in one sub-population or habitat" A)(iv): When defining fluctuations, the reviewer suggest addressing biological, physical and artificial (manmade) causes of fluctuations, to clarify the definition.					B): The criterion is applicable and especially important for migratory populations. B)(i): The definition for fragmentation should clearly state if it applies to habitat or species distribution pattern.				C)(ii) –threats from extrinsic human-induced factors...: May be very difficult to assess.		
	?	?	?	?	?	√	?	?	?	?	?	?	?

**Table 2 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX II**

Criteria ⇒ <u>Taxon</u> ↓	Trade Criterion Is or may the species be affected by trade?	A) It is known, or can be inferred, that the regulation of trade in the species is necessary to avoid it becoming eligible for inclusion in Appendix I in the near future.	B) It is known, or can be inferred or projected, that harvesting of specimens from the wild for international trade has, or may have, a detrimental impact on the species by either:		C) 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 a non-expert, with reasonable effort, is unlikely to be able to distinguish between them.	D) There are compelling reasons, other than those given in C to ensure that effective control of trade in currently listed species is achieved.
			B)(i) Exceeding, over an extended period, the level that can be continued to perpetuity.	B)(ii) Reducing it to a population level at which its survival would be threatened by other influences.		
1. <i>Acipenser transmontanus</i>	The reviewer suggests adding the word "international"		B)(ii): The reviewer suggests to give examples of "other influences".			
	?	√	√	(√)	√	?

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		A) (i)	A)(ii)	A)(iii)	A)(iv)	A)(v)	B)(i)	B)(ii)	B)(iii)	B)(iv)	C)(i)	C)(ii)	
2. <i>Sardinops sagax</i>	The reviewer suggests adding the word "international"	The Annex 5 numeric guideline for a small wild population is not at all useful for <i>Sardinops sagax</i> , nor perhaps for any taxa other than some large terrestrial vertebrates or some marine mammals. It would be useful if Annex 5 provided more guidance on how to apply the vulnerability factors.									It would be useful if Annex 5 gave more guidance on how to define historical baselines for assessing the historical extent of decline, how to define and measure population "productivity", and a rationale for the choice of the 5-30% range for historical extent of decline, as well as better guidance on when to use which part of this range. The criterion "a high vulnerability due to the species' biology or behaviour (including migration)" should be added to the list under C, as it is for A and B.		
	?	?	?	?	?	?	?	?	?	?	?	?	?

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2. <i>Sardinops sagax</i>	The reviewer suggests adding the word "international"					
	?	?	?	?	N/A	N/A

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		A) (i)	A)(ii)	A)(iii)	A)(iv)	A)(v)	B)(i)	B)(ii)	B)(iii)	B)(iv)	C)(i)	C)(ii)	
3. <i>Melanogrammus aeglefinus</i>	The reviewer suggests adding the word "international"	The Annex 5 numeric guideline for a small wild population is not useful for <i>Melanogrammus aeglefinus</i> , nor perhaps for any taxa other than some large terrestrial vertebrates or some marine mammals. It would be useful if Annex 5 provided more guidance on how to apply the vulnerability factors.									It would be useful if Annex 5 gave more guidance on how to define historical baselines for assessing the historical extent of decline, how to define and measure population "productivity", and a rationale for the choice of the 5-30% range for historical extent of decline, as well as better guidance on when to use which part of this range. The criterion "a high vulnerability due to the species' biology or behaviour (including migration)" should be added to the list under C, as it is for A and B.		
	?	?	?	?	?	?	?	?	?	?	?	?	?

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3. <i>Melanogrammus aeglefinus</i>	The reviewer suggests adding the word "international"					
	?	?	?	?	N/A	N/A

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		A) (i)	A)(ii)	A)(iii)	A)(iv)	A)(v)	B)(i)	B)(ii)	B)(iii)	B)(iv)	C)(i)	C)(ii)	
4. <i>Scleropages formosus</i>	The reviewer suggests adding the word "international"	Annex 5: "population size", the text currently states: "In the case of species biologically dependent on other species...". It seems the listing analysis should primarily consider population size for the dependent species that is under consideration for listing in the Appendices. Also, the reviewer suggests an alternate definition that avoids the use of numerical point estimates for small population or sub-population size.					Recommend abandoning the absolute number of 10,000 km ² as a guideline as noted in Annex 5. B)(iv) 1: ✓ B)(iv) 2-3: ? B)(iv) 4: ✓ B)(iv) 5: ✓ B)(iv) 6: ✓				The reviewer suggests some changes in the annex 5 concerning "decline". C)(ii) 1: ✓, the reviewer has some comments on how the criterion could be applied to national or global populations. C)(ii) 2: ✓, " C)(ii) 3: ✓ C)(ii) 4: ✓ C)(ii) 5: ✓		
	?	?	?	?	N/A	?	?	N/A	?	? / ✓	?	? / ✓	✓

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			B)(i) Exceeding, over an extended period, the level that can be continued to perpetuity.	B)(ii) Reducing it to a population level at which its survival would be threatened by other influences.		
4. <i>Scleropages formosus</i>	The reviewer suggests adding the word "international".					This criterion could be enhanced if examples of "compelling reasons" were provided in the notes and definitions.
	?	√	?	?	?	?

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		A)(i)	A)(ii)	A)(iii)	A)(iv)	A)(v)	B)(i)	B)(ii)	B)(iii)	B)(iv)	C)(i)	C)(ii)	
5. <i>Bufo boreas</i>	This criterion seems appropriate for listing purposes, but should be modified to say "international" trade.	There needs to be better definitions of this section A (definition of "small" is very vague). A)(ii)(iii): This criterion is appropriate, if the purpose of the listing is to single out such pop. groups. For amphibians such as the boreal toad, the "subpopulation" definition should be expanded to include breeding populations. Also, the definition of "small" is very vague A)(iv): This criterion does not seem to apply to the species. However, it is unclear whether this criterion would apply to this species based on the definition. This criterion seems to be highly subjective and needs clarification.					The criterion B applies to part of the species. B)(i): The fragmented nature of habitat should also be considered in criterion. B)(ii): see A)(iv) B)(iii): It does not seem as though this criterion is really necessary. Wouldn't all species be vulnerable to threats due to it's biology? Some to it's behaviour? This criterion seems to be a given. B)(iv): This criteria appears to be repetitive. If you leave it as inferred or projected and clarify that the above criteria in B and A are observed then all of the criteria under B(iv) would still be valuable. B)(iv) 1: (√) Probably could be dropped, unless it refers to the distribution of a critical subspecies or pop. within in the taxon's total range. B)(iv) 2-6: √				C): Is a "marked" decline what separates this criteria from A? This is a bit confusing. C)(i): This criterion appears repetitive with A(i). This category should be left as "ongoing" since declines occurring in the past should be covered in A(i). C)(ii): This criterion is somewhat repetitive with A and B, especially the habitat criteria. However, if A is observed, then this criterion could be inferred or projected. However, B seems to cover area and quality of habitat, unless you are emphasizing "marked" population declines as a result of habitat changes. C)(ii) 1-2: Seems to be covered under A(i), but √. C)(ii) 3: N/A, C)(ii) 4: √ C)(ii) 5: This criterion can possibly be covered in A or B, but √		If you are going to put a time limit here, then there should be clear time limits established for criteria that asks for inferred or projected declines in population size or distribution (or habitat quantity and quality). Otherwise, ask to project for 5 years into the future in the above categories so this criterion is not needed.
		√	(√)	√	N/A	√	√	N/A	√	(√)/√	[√]	√ / N/A	

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5. <i>Bufo boreas</i>	The reviewer suggests adding the word "international".					
	[√]	√	?	?	√	?

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6. <i>Macrochelys temminckii</i>	The reviewer suggests adding the word "international". Domestic trade issues should be covered under other criterion.	Guideline numbers given in the definition should be deleted as they are not useful and may be misleading. A)(iv): Numerical guidelines used in the definition should be deleted – not useful and could be misleading.					Numerical references in the definition should be deleted. B)(iv) 1-4: ✓ B)(iv) 5: ? B)(iv) 6: ✓				C)(ii) 1- 3: ✓ C)(ii) 4: This criterion needs to be expanded to include naturally occurring stochastic events. Suggest that "human-induced" be removed and add "effects of naturally occurring stochastic events". [✓] C)(ii) 5: ✓		
	[✓]	✓	?	✓	?	✓	?	?	✓	✓ / ?	✓	✓ / [✓]	✓

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<u>Taxon</u> ↓						
6. <i>Macrochelys temminckii</i>	The reviewer suggests adding the word "international".		B)(i): Length of "extended period" is unclear. Concept needs to be defined.			Criterion is valid, although examples of compelling reasons would be useful – perhaps clarify if the "compelling reasons" are things that are not related directly to the biology of the species.
	?	√	[√]	√	√	(√)

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		A) (i)	A)(ii)	A)(iii)	A)(iv)	A)(v)	B)(i)	B)(ii)	B)(iii)	B)(iv)	C)(i)	C)(ii)	
7. <i>Sardinops melanostictus</i>													
	?	?	?	?	?	?	?	?	?	?	?	?	?

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<u>Taxon</u> ↓						
7. <i>Sardinops melanostictus</i>						
	?	?	?	?	?	?

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8. <i>Clupea harengus</i>		The term “The wild population is small, and” does not always fit as criterion for commercially exploited aquatic species.											
	?	?	?	?	?	?	?	?	?	?	?	?	?

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<u>Taxon</u> ↓						
<i>8. Clupea harengus</i>						
	?	?	?	?	?	?

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9. <i>Python anchietae</i>	<p>Def. of species; "any speciesor phenotype or genotype.."</p> <p>Def. "geographically separate pops" – refer to "portions" or segments" rather than "parts".</p> <p>Def. "affected by trade" –indicate "international" once here but not elsewhere.</p>	<p>A)(ii): Optimally, a definition based on density may be more appropriate i.e. optimal density (based on carrying capacity) vs. current density.</p> <p>A)(iv): Consider changing text to read "large short-term fluctuations in the number of individuals required to measure population size..". Perhaps "fluctuations" could be defined in terms of generation cycle.</p>					<p>B) Def. appropriate and clear, except for "restricted" – which is open to interpretation; perhaps a def. based on minimum, maximum an mean sizes of ranger of all species in that "group".</p> <p>B)(i): Ideally, a figure could be given e.g. 20% of pop exists in fragmented pops.</p> <p>B)(i) change to: ...fluctuations within the area...</p> <p>B)(iv): [√] Decrease needs clarifying.</p>				<p>C)(ii) 1+ 5: A quantification would be ideal (e.g. X%/year).</p>		
	[√]	√	√	√	[√]	√	(√)	√	√	[√]	√	√	√

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<i>9. Python anchietae</i>		Define "near future"; 5 years would work with this species.	B) Generally clear and appropriate, however the reviewer recommends an insertion to read "...a detrimental impact on the species, <u>sub-populations or localized populations...</u> ".			It's not clear, what this criterion means. Should the last part read: "...currently listed species is achieved and/or maintained. "?
	√	(√)	[√]	[√]	√	?

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10. <i>Corallium rubrum</i>							B)(iv) 1-3: ? B)(iv) 4: ✓ B)(iv)5: ? B)(iv)6: ✓				Guidance in Annex 5 on measuring decline in colonial animals would be advantageous.		There appears to be a inconsistency of logic between this criterion and criterion A for listing under Appendix II – see comments below.
	✓	✓	✓	?	?	✓	?	?	✓	? / ✓	?	?	(✓)

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Criteria ⇒	Trade Criterion Is or may the species be affected by trade?	A) It is known, or can be inferred, that the regulation of trade in the species is necessary to avoid it becoming eligible for inclusion in Appendix I in the near future.	B)		C) 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 a non-expert, with reasonable effort, is unlikely to be able to distinguish between them.	D) There are compelling reasons, other than those given in C to ensure that effective control of trade in currently listed species is achieved.
			B)(i) Exceeding, over an extended period, the level that can be continued to perpetuity.	B)(ii) Reducing it to a population level at which its survival would be threatened by other influences.		
<u>Taxon</u> ↓						
10. <i>Corallium rubrum</i>		*			This criterion is relatively simple to apply but further work needed here to assess the degree of similarity between these species.	
	√	(√)	√	√	(√)	?

* See comments above criterion D for Appendix I – there appears to be inconsistent logic between these two criteria. This criterion (A) suggests a species can qualify for Appendix II in order to prevent it becoming eligible for Appendix I in the near future (5-10 years) whilst criterion D above advocates listing in Appendix I if it is likely to meet the criteria within 5 years? For those species that may meet Appendix I criteria in the near future, these criteria then give two options as to the way forward and no clear guidance as to how Parties should approach this. It might be appropriate to give parties guidance on this issue. However, these criteria might be reconciled if the ‘near future’ was fixed as 5-10 years (i.e. not as an example) to avoid overlap with criterion D above. Or, if criterion D was reserved for species already on Appendix II (which could then be up-listed to Appendix I) and this criterion (A) was used to add ‘new’, currently un-listed species to Appendix II in an effort to prevent them becoming eligible for Appendix I in the future.

**Table 1 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX I**

Criteria ⇒	Trade Criterion Is or may the species be affected by ↓ trade	A) The wild population is small, and is characterized by at least one of the following (see definitions below):					B) The wild population has a restricted area of distribution and is characterized by at least one of the following (see definitions below):				C) A marked decline in <u>population size</u> in the wild, which has been either (see definitions below):		D) If not included in App I, is likely to satisfy one or more of criteria A-C within 5 years?	
		A) (i)	A)(ii)	A)(iii)	A)(iv)	A)(v)	B)(i)	B)(ii)	B)(iii)	B)(iv)	C)(i)	C)(ii)		
11. <i>Pygoscelis adeliae</i>	The reviewer suggests adding the word "international". *	A)(iv): The reviewer suggests the following change in wording: If the population was/is characterized by large short-term <u>fluctuations</u> in the numbers of individuals, what was/is the average magnitude of the fluctuation? What was/is the average period of fluctuation in years? A)(v): It is not necessary to separate intrinsic and extrinsic factors.					The reviewer suggests substituting area of occupancy for area of distribution, and defining a critical number of colonies or subpopulations for colonial species. B)(i): ** B)(iii): The distinction between this sub-criterion and sub-criterion A(v) requires clarification.							
	[√]	√	√	√	[√]	(√)	[√]	√	?	√	√	√	√	?

* We agree with the reviewers of *Strombocactus* concerning suggested change to definition of "affected by **international** Trade" clauses 1 & 2, and suggest the following change to their clause 3:

"3. It was known that the species was subject to **and affected by** international trade in the past and there is a potential for that trade to be reinitiated."

** Appropriate, though some further clarification might be helpful in the definition. The guideline of 500 km² would not be appropriate for many species at all, particularly if the term "Area of Occupancy" was adopted, so we suggest that it be abandoned in favour of one that refers to significant fragmentation of once-continuous populations.

**Table 2 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX II**

Criteria ⇒	Trade Criterion Is or may the species be affected by trade?	A) It is known, or can be inferred, that the regulation of trade in the species is necessary to avoid it becoming eligible for inclusion in Appendix I in the near future.	B) It is known, or can be inferred or projected, that harvesting of specimens from the wild for international trade has, or may have, a detrimental impact on the species by either:		C) 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 a non-expert, with reasonable effort, is unlikely to be able to distinguish between them.	D) There are compelling reasons, other than those given in C to ensure that effective control of trade in currently listed species is achieved.
			B)(i) Exceeding, over an extended period, the level that can be continued to perpetuity.	B)(ii) Reducing it to a population level at which its survival would be threatened by other influences.		
<u>Taxon</u> ⇓						
11. <i>Pygoscelis adeliae</i>						The criterion is probably appropriate, but its wording should be clarified to ensure that its purpose is easily understood – e.g., it may be worth noting that this relates to look-alike species.
	√	√	√	√	√	(√)

**Table 1 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX I**

Criteria ⇒ Taxon ↓	Trade Criterion Is or may the species be affected by ↓ trade	A) The wild population is small, and is characterized by at least one of the following (see definitions below):					B) The wild population has a restricted area of distribution and is characterized by at least one of the following (see definitions below):				C) A marked decline in <u>population size</u> in the wild, which has been either (see definitions below):		D) If not included in App I, is likely to satisfy one or more of criteria A-C within 5 years?
		A) (i)	A)(ii)	A)(iii)	A)(iv)	A)(v)	B)(i)	B)(ii)	B)(iii)	B)(iv)	C)(i)	C)(ii)	
12. <i>Parnassius apollo</i>							B)(iv) 1: √ B)(iv) 2: ? B)(iv) 3-4: √ B)(iv) 5-6: ?						
	√	√	N/A	N/A	N/A	√	√	N/A	?	√ / ?	√	√	√

**Table 2 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX II**

Criteria ⇒	Trade Criterion Is or may the species be affected by trade?	A) It is known, or can be inferred, that the regulation of trade in the species is necessary to avoid it becoming eligible for inclusion in Appendix I in the near future.	B) It is known, or can be inferred or projected, that harvesting of specimens from the wild for international trade has, or may have, a detrimental impact on the species by either:		C) 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 a non-expert, with reasonable effort, is unlikely to be able to distinguish between them.	D) There are compelling reasons, other than those given in C to ensure that effective control of trade in currently listed species is achieved.
			B)(i) Exceeding, over an extended period, the level that can be continued to perpetuity.	B)(ii) Reducing it to a population level at which its survival would be threatened by other influences.		
<u>Taxon</u> ⇓						
12. <i>Parnassius apollo</i>					Further work needed here to give identification responsible agents the capacity to distinguish between these species.	
	√	√	√	√	(√)	?

**Table 1 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX I**

Criteria ⇒	Trade Criterion Is or may the species be affected by ↓ trade	A) The wild population is small, and is characterized by at least one of the following (see definitions below):					B) The wild population has a restricted area of distribution and is characterized by at least one of the following (see definitions below):				C) A marked decline in <u>population size</u> in the wild, which has been either (see definitions below):		D) If not included in App I, is likely to satisfy one or more of criteria A-C within 5 years?
		A) (i)	A)(ii)	A)(iii)	A)(iv)	A)(v)	B)(i)	B)(ii)	B)(iii)	B)(iv)	C)(i)	C)(ii)	
13. <i>Eudyptes pachyrhynchus</i>	The reviewer suggests adding the word "international".	A)(ii): The criterion may be appropriate, though the guidelines do not readily apply to those species where sub-populations are naturally very small. A lot depends on the gene-flow between sub-populations.					B), B)(ii), B)(iv) : The reviewers recommend <u>Area of Occupancy</u> (as used by IUCN) as a more useful measure than <u>Area of Distribution</u> .						
	?	√	(√)	√	√	√	√	(√)	√	(√)	√	√	√

**Table 2 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX II**

Criteria ⇒	Trade Criterion Is or may the species be affected by trade?	A) It is known, or can be inferred, that the regulation of trade in the species is necessary to avoid it becoming eligible for inclusion in Appendix I in the near future.	B) It is known, or can be inferred or projected, that harvesting of specimens from the wild for international trade has, or may have, a detrimental impact on the species by either:		C) 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 a non-expert, with reasonable effort, is unlikely to be able to distinguish between them.	D) There are compelling reasons, other than those given in C to ensure that effective control of trade in currently listed species is achieved.
			B)(i) Exceeding, over an extended period, the level that can be continued to perpetuity.	B)(ii) Reducing it to a population level at which its survival would be threatened by other influences.		
<u>Taxon</u> ⇓						
13. <i>Eudiptes pachyrhynchus</i>	The reviewer suggests adding the word "international"					
	?	√	√	√	√	?

**Table 1 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX I**

Criteria ⇒	Trade Criterion Is or may the species be affected by ↓ trade	A) The wild population is small, and is characterized by at least one of the following (see definitions below):					B) The wild population has a restricted area of distribution and is characterized by at least one of the following (see definitions below):				C) A marked decline in <u>population size</u> in the wild, which has been either (see definitions below):		D) If not included in App I, is likely to satisfy one or more of criteria A-C within 5 years?
		A)(i)	A)(ii)	A)(iii)	A)(iv)	A)(v)	B)(i)	B)(ii)	B)(iii)	B)(iv)	C)(i)	C)(ii)	
Taxon ↓													
14. <i>Probarbus jullieni</i>		A) * A)(i)-(iv): Sub-criteria not assessed because don't meet main criterion A.					B) ** B)(i): No guidance is provided in Annex 5 as to what constitutes a 'location'. By contrast, IUCN red list criteria do define a location – it would be helpful to borrow this definition for the CITES criteria. B)(iv) 1-5: ✓ B)(iv) 6: No change, but in this instance easier to infer than to actually demonstrate.				C)(i) ***		There appears to be a inconsistency of logic between this criterion and criterion A for listing under Appendix II – see comments there.
	√	N/A	N/A	N/A	N/A	N/A	?	√	√	√	(√)	√	?

* For a species such as this (or for other species), it is difficult to see why CITES does not harmonize its measure of population size with that of IUCN – namely by referring only to mature individuals when assessing the population size criterion. Such an approach would thus be consistent with IUCN red list assessments and also be more precautionary.

** The guidance in Annex 5 was not particularly helpful for a species occupying long, linear habitats such as rivers (these do not easily convert into areas of distribution). The reference in Annex 5 to recognizing that, for migratory species such as *Probarbus*, it is the smallest area of distribution essential for the survival of the species (in this case spawning beds) is important and perhaps deserves greater emphasis in the guidance.

*** Not clear into which class (high, medium or low) of productivity this fish should be placed. Here taken as being 'medium productivity' but the decline is still consistent with meeting the criterion. However, to aid interpretation of this criterion for commercially exploited aquatic species, some indication should be provided as to how productivity of such species should be assessed (it is not always straightforward) – e.g. how are high, medium or low productivities distinguished.

**Table 2 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX II**

Criteria ⇒	Trade Criterion Is or may the species be affected by trade?	A) It is known, or can be inferred, that the regulation of trade in the species is necessary to avoid it becoming eligible for inclusion in Appendix I in the near future.	B)		C) 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 a non-expert, with reasonable effort, is unlikely to be able to distinguish between them.	D) There are compelling reasons, other than those given in C to ensure that effective control of trade in currently listed species is achieved.
			B)(i) Exceeding, over an extended period, the level that can be continued to perpetuity.	B)(ii) Reducing it to a population level at which its survival would be threatened by other influences.		
<u>Taxon</u> ⇓						
14. <i>Probarbus jullieni</i>		*	B)(ii): Some direct reference to the vulnerability of a species to 'other influences' would seem sensible in this criterion. Perhaps re-wording as 'reducing it to a population level at which its vulnerability to other factors would be increased'? The definition of vulnerability should include some reference to the stochastic risk to which small populations are prone?			Not clear what sorts of reasons might be valid here nor how they would relate to the provisions of Article II.2.b
	√	(√)	√	[√]	√	?

* Logical inconsistency between criterion D for Appendix I and criterion A here for Appendix II. This criterion (A) suggests a species can qualify for Appendix II to prevent it becoming eligible for Appendix I in the near future (5-10 years) whilst criterion D above advocates listing in Appendix I if it is likely to meet the criteria within 5 years? However, these criteria might be reconciled if the 'near future' was defined as 5-10 years (i.e. as a fixed period and not as an example) to avoid overlap with criterion D above. Or, if criterion D was reserved for species already on Appendix II (which could then be uplisted to Appendix I) and this criterion (A) was used to add new species to Appendix II in an effort to prevent them becoming eligible for Appendix I in the future.

**Table 1 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX I**

Criteria ⇒	Trade Criterion Is or may the species be affected by ↓ trade	A) The wild population is small, and is characterized by at least one of the following (see definitions below):					B) The wild population has a restricted area of distribution and is characterized by at least one of the following (see definitions below):				C) A marked decline in <u>population size</u> in the wild, which has been either (see definitions below):		D) If not included in App I, is likely to satisfy one or more of criteria A-C within 5 years?
		A) (i)	A)(ii)	A)(iii)	A)(iv)	A)(v)	B)(i)	B)(ii)	B)(iii)	B)(iv)	C)(i)	C)(ii)	
15. <i>Amazona finschi</i>	The reviewer suggests adding the word "international"	A) Proposed modification: The wild population is small (<u>please define this in relation to other species of the same taxonomic group¹</u>), and is characterized...					B) Proposed modification: The wild population has a restricted area of distribution (<u>if possible, please define this in relation to other species of the same taxonomic group¹</u>) or is <u>endemic to only one country</u> , and is characterized ... B)(iv): ² B)(iv) 1: (√) ⁴ B)(iv) 2: (√) ⁵ B)(iv) 3-6: √ B)(iv) 7 ⁶ : √				C)(ii) 1-3: √ C)(ii) 4: [√] Proposed modification: threats from extrinsic human-induced factors (<u>others than direct exploitation</u>) such as... C)(ii) 5: √ C)(ii) ⁷ C)(ii) ⁸		
	[√]	√	√	N/A	√	√	√	√	√	√ / (√)	√	[√] / √	√

¹The taxonomic level to which this criterion has to be referred depends on the species, so it can be related to the Order, the Family or the Genus. This has to be defined, explained and justified by the proponent.

² Proposed modification: ..an observed, inferred or projected marked / significant ³ decrease in any one of the following: ...

³ The following can be used to define a marked / significant decrease in number of individuals and sub-populations: A reduction of 70% or more over the last 10 years or three generations (whichever is the longer), of the original number of individuals or sub-populations. (Note: This values are based on the proposed percentages proposed by the IUCN 2001 Criteria for inclusion in the Endangered category).

⁴ The reviewers propose to delete this sub-criterion, because it is already covered by the next one.

⁵ To determine whether it is an important reduction of habitat or not, this factor has to be evaluated in relation to other species within the same taxonomic group (e.g. Order, Family, Genus) or justified for that particular species. Some factors such as home range, territoriality, specialization degree, and habitat availability, can help to conduct the evaluation of this criterion and that of habitat quality.

⁶ “-areas of critical habitat or of high concentration of the species (e.g. seasonal, of certain life stages, etc.)” We propose this new sub-criterion, which we consider very important for the evaluation of the species’ risk of extinction and that not necessarily is covered by the criteria mentioned above. Besides, it can help proponents to notice or focus on important risk factors.

⁷ The reviewers propose a new sub-criterion (to place after sub-criterion “threats from extrinsic human-induced factors...”):
-threats from intrinsic or non-human factors. (Intrinsic factors: demographic bottlenecks; natural high levels of inbreeding; life history traits (e.g., low fecundity, slow growth rate, high age at first maturity, long generation time), population structure (age/size structure, sex ratio); behavioral factors (e.g., social structure, migration, aggregating behaviour); high 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; depensation (prone to continuing decline even in the absence of exploitation); natural catastrophes or rapid environmental changes (e.g., climate regime shifts).

⁸ The reviewers propose a new sub-criterion (to place after sub-criterion “a decreasing recruitment”):
-A reduction of critical habitat or high concentration areas of the species (e.g. seasonal, of certain life stages, etc.).
The reviewers consider this new sub-criterion very important for the evaluation of the species’ risk of extinction and that not necessarily is covered by the criteria mentioned above. Besides, it can help proponents to notice or focus on important risk factors.

**Table 2 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX II**

Criteria ⇒	Trade Criterion Is or may the species be affected by trade?	A) It is known, or can be inferred, that the regulation of trade in the species is necessary to avoid it becoming eligible for inclusion in Appendix I in the near future.	B) It is known, or can be inferred or projected, that harvesting of specimens from the wild for international trade has, or may have, a detrimental impact on the species by either:		C) 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 a non-expert, with reasonable effort, is unlikely to be able to distinguish between them.	D) There are compelling reasons, other than those given in C to ensure that effective control of trade in currently listed species is achieved.
			B)(i) Exceeding, over an extended period, the level that can be continued to perpetuity.	B)(ii) Reducing it to a population level at which its survival would be threatened by other influences.		
<u>Taxon</u> ⇓						
15. <i>Amazona finschi</i>	The reviewer suggests adding the word "international"	Proposed modification: It is known, or can be inferred (<u>on the basis of some evidence</u>), that ...in the near future. <u>Please explain how.</u>	B) Proposed modification: It is known, or can be inferred or projected (<u>on the basis of some evidence</u>), that ... B)(i) Proposed modification: Exceeding, over an extended period , the level that can be continued to perpetuity. B)(ii) Proposed modification: Reducing it to...by other influences (<u>Indicate what other influences are affecting the species</u>).			It would be useful to exemplify these other reasons to guide the proponents.
	[√]	[√]	[√]	[√]	√	(√)

**Table 1 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX I**

Criteria ⇒	Trade Criterion Is or may the species be affected by ↓ trade	A) The wild population is small, and is characterized by at least one of the following (see definitions below):					B) The wild population has a restricted area of distribution and is characterized by at least one of the following (see definitions below):				C) A marked decline in <u>population size</u> in the wild, which has been either (see definitions below):		D) If not included in App I, is likely to satisfy one or more of criteria A-C within 5 years?
		A) (i)	A)(ii)	A)(iii)	A)(iv)	A)(v)	B)(i)	B)(ii)	B)(iii)	B)(iv)	C)(i)	C)(ii)	
Taxon ↓	The reviewer suggests adding the word "international"	Proposed modification: The wild population is small, (if possible, please define this in relation to other species of the same taxonomic group ¹), and is characterized...					B) Proposed modification: The wild population has a restricted area of distribution (if possible, please define this in relation to other species of the same taxonomic group ¹) or is endemic to only one country, and is				C)(ii) 1-3: √ C)(ii) 4: (√); Proposed modification: threats from extrinsic human-induced factors (others than direct exploitation) such as...		
		A)(ii) Proposed modification: each sub-population being very small (if possible, please define this in relation to other species of the same taxonomic group*),;or...					... B)(iv): ² B)(iv) 1: ⁴ (√) B)(iv)2: ⁵ (√) B)(iv)3-6: √ B)(iv): ⁷ : √				C)(ii) 5: √ C)(ii) ⁷ C)(ii) ⁸		
16. <i>Amazona oratrix</i>	[√]	[√]	[√]	√	√	√	√	√	√	(√) / √	√	√ / (√)	√

¹ The taxonomic level to which this criterion has to be referred depends on the species, so it can be related to the Order, the Family or the Genus. If possible, this should be defined, explained and justified by the proponent.

² Proposed modification: ...an observed, inferred or projected marked / significant³ decrease in any one of the following: ...

³ The following can be used to define an marked / significant decrease in number of individuals and sub-populations: A reduction of 70% or more over the last 10 years or three generations (whichever is the longer), of the original number of individuals or sub-populations. (Note: This values are based on the proposed percentages proposed by the IUCN 2001 Criteria for inclusion in the Endangered category).

⁴ The reviewers propose to delete this sub-criterion, because it is already covered by the next one.

⁵ To determine whether it is an important reduction of habitat or not, this factor has to be evaluated in relation to other species within the same taxonomic group (e.g. Order, Family, Genus) or justified for that particular species. Some factors such as home range, territoriality, specialization degree, and habitat availability, can help to conduct the evaluation of this criterion and that of habitat quality.

⁶ The reviewers propose a new sub-criterion: -areas of critical habitat or of high concentration of the species (e.g. seasonal, of certain life stages, etc.) The reviewers consider this sub-criterion very important for the evaluation of the species' risk of extinction and that not necessarily is covered by the criteria mentioned above. Besides, it can help proponents to notice or focus on important risk factors.

⁷ The reviewers propose a new sub-criterion (to place after: "threats from extrinsic human-induced factors...").
- threats from intrinsic or non-human factors. (Intrinsic factors: demographic bottlenecks; natural high levels of inbreeding; life history traits (e.g., low fecundity, slow growth rate, high age at first maturity, long generation time); population structure (age/size structure, sex ratio); behavioural factors (e.g., social structure, migration, aggregating behaviour); high 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; depensation (prone to continuing decline even in the absence of exploitation); natural catastrophes or rapid environmental changes (e.g., climate regime shifts).

⁸ The reviewers propose a new sub-criterion (to place after: "a decreasing recruitment")
- A reduction of critical habitat or high concentration areas of the species (e.g. seasonal, of certain life stages, etc.).
The reviewers consider this new sub-criterion very important for the evaluation of the species' risk of extinction and that not necessarily is covered by the criteria mentioned above. Besides, it can help proponents to notice or focus on important risk factors.

**Table 2 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX II**

Criteria ⇒	Trade Criterion Is or may the species be affected by trade?	A) It is known, or can be inferred, that the regulation of trade in the species is necessary to avoid it becoming eligible for inclusion in Appendix I in the near future.	B) It is known, or can be inferred or projected, that harvesting of specimens from the wild for international trade has, or may have, a detrimental impact on the species by either:		C) 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 a non-expert, with reasonable effort, is unlikely to be able to distinguish between them.	D) There are compelling reasons, other than those given in C to ensure that effective control of trade in currently listed species is achieved.
			B)(i) Exceeding, over an extended period, the level that can be continued to perpetuity.	B)(ii) Reducing it to a population level at which its survival would be threatened by other influences.		
<u>Taxon</u> ⇓						
16. <i>Amazona oratrix</i>	The reviewer suggests adding the word "international"	Proposed modification: It is known, or can be inferred (<u>on the basis of some evidence</u>), that ...in the near future. <u>Please explain how.</u>	B) Proposed modification: It is known, or can be inferred or projected (<u>on the basis of some evidence</u>), that ... B)(i) Proposed modification: Exceeding, over an extended period , the level that can be continued to perpetuity. B)(ii) Proposed modification: Reducing it to...by other influences (<u>Indicate what other influences are affecting the species</u>).			It would be useful to exemplify these other reasons to guide the proponents.
	[√]	[√]	[√]	[√]	√	(√)

**Table 1 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX I**

Criteria ⇒	Trade Criterion Is or may the species be affected by ↓ trade	A) The wild population is small, and is characterized by at least one of the following (see definitions below):					B) The wild population has a restricted area of distribution and is characterized by at least one of the following (see definitions below):				C) A marked decline in <u>population size</u> in the wild, which has been either (see definitions below):		D) If not included in App I, is likely to satisfy one or more of criteria A-C within 5 years?
		A) (i)	A)(ii)	A)(iii)	A)(iv)	A)(v)	B)(i)	B)(ii)	B)(iii)	B)(iv)	C)(i)	C)(ii)	
<u>Taxon</u> ↓													
17. <i>Pandinus imperator</i>													
	?	?	?	?	?	x	?	?	x	? / x	?	? / x	?

**Table 2 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX II**

Criteria ⇒	Trade Criterion Is or may the species be affected by trade?	A) It is known, or can be inferred, that the regulation of trade in the species is necessary to avoid it becoming eligible for inclusion in Appendix I in the near future.	B) It is known, or can be inferred or projected, that harvesting of specimens from the wild for international trade has, or may have, a detrimental impact on the species by either:		C) 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 a non-expert, with reasonable effort, is unlikely to be able to distinguish between them.	D) There are compelling reasons, other than those given in C to ensure that effective control of trade in currently listed species is achieved.
			B)(i) Exceeding, over an extended period, the level that can be continued to perpetuity.	B)(ii) Reducing it to a population level at which its survival would be threatened by other influences.		
<u>Taxon</u> ↓						
17. <i>Pandinus imperator</i>	?	?	?	x	?	?

**Table 1 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX I**

Criteria ⇒ Taxon ↓	Trade Criterion Is or may the species be affected by ↓ trade	A) The wild population is small, and is characterized by at least one of the following (see definitions below):					B) The wild population has a restricted area of distribution and is characterized by at least one of the following (see definitions below):				C) A marked decline in <u>population size</u> in the wild, which has been either (see definitions below):		D) If not included in App I, is likely to satisfy one or more of criteria A-C within 5 years?
		A) (i)	A)(ii)	A)(iii)	A)(iv)	A)(v)	B)(i)	B)(ii)	B)(iii)	B)(iv)	C)(i)	C)(ii)	
18. <i>Hippopus hippopus</i>													
	?	?	?	?	?	?	?	?	?	?	?	?	?

**Table 2 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX II**

Criteria ⇒	Trade Criterion Is or may the species be affected by trade?	A) It is known, or can be inferred, that the regulation of trade in the species is necessary to avoid it becoming eligible for inclusion in Appendix I in the near future.	B) It is known, or can be inferred or projected, that harvesting of specimens from the wild for international trade has, or may have, a detrimental impact on the species by either:		C) 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 a non-expert, with reasonable effort, is unlikely to be able to distinguish between them.	D) There are compelling reasons, other than those given in C to ensure that effective control of trade in currently listed species is achieved.
			B)(i) Exceeding, over an extended period, the level that can be continued to perpetuity.	B)(ii) Reducing it to a population level at which its survival would be threatened by other influences.		
<u>Taxon</u> ⇓						
18. <i>Hippopus hippopus</i>	?	?	?	x	?	?

**Table 1 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX I**

Criteria ⇒ Taxon ↓	Trade Criterion Is or may the species be affected by ↓ trade	A) The wild population is small, and is characterized by at least one of the following (see definitions below):					B) The wild population has a restricted area of distribution and is characterized by at least one of the following (see definitions below):				C) A marked decline in <u>population size</u> in the wild, which has been either (see definitions below):		D) If not included in App I, is likely to satisfy one or more of criteria A-C within 5 years?
		A) (i)	A)(ii)	A)(iii)	A)(iv)	A)(v)	B)(i)	B)(ii)	B)(iii)	B)(iv)	C)(i)	C)(ii)	
19. <i>Rhacodactylus leachianus</i>							B)(i) : Here we have to take care that this does not recover the notion of sub-population of A)(ii). B)(iii): Does the criterion mean naturally vulnerability (through predation) or/and vulnerability through commercial use by man? B)(iv)3: Another way to formulate this criteria is :” Will all or most of the fragmented populations survive in the coming years” or “Are there threats on some of the fragmented populations”?					C)(i): The reviewer suggests to precise what this criterion means by “past”. C)(ii)4: The reviewer suggests to introduce the Global Warming since this change is a human-induced factor which can considerably change the distribution area of some species.	
	?	?	?	?	?	?	?	?	?	?	?	?	?

**Table 2 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX II**

Criteria ⇒	Trade Criterion Is or may the species be affected by trade?	A) It is known, or can be inferred, that the regulation of trade in the species is necessary to avoid it becoming eligible for inclusion in Appendix I in the near future.	B) It is known, or can be inferred or projected, that harvesting of specimens from the wild for international trade has, or may have, a detrimental impact on the species by either:		C) 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 a non-expert, with reasonable effort, is unlikely to be able to distinguish between them.	D) There are compelling reasons, other than those given in C to ensure that effective control of trade in currently listed species is achieved.
			B)(i) Exceeding, over an extended period, the level that can be continued to perpetuity.	B)(ii) Reducing it to a population level at which its survival would be threatened by other influences.		
<u>Taxon</u> ⇓						
19. <i>Rhacodactylus leachianus</i>	*					
	?	?	?	x	?	?

* The reviewer suggests to precise the actual extend of the trade: e.g. Widespread in the country only, neighbour countries, the continent or in the whole world. One other important data is to give the price of a specimen or an animal product in the country of origin so we have an idea of the local interest and pressure in collecting this species; this is really an important data for the pressure on an animal species. Another important point is to give the price in the importing country and thus also can give a good idea of the collect pressure that importing countries create in the origin countries.

**Table 1 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX I**

Criteria ⇒	Trade Criterion Is or may the species be affected by ↓ trade	A) The wild population is small, and is characterized by at least one of the following (see definitions below):					B) The wild population has a restricted area of distribution and is characterized by at least one of the following (see definitions below):				C) A marked decline in <u>population size</u> in the wild, which has been either (see definitions below):		D) If not included in App I, is likely to satisfy one or more of criteria A-C within 5 years?
		A) (i)	A)(ii)	A)(iii)	A)(iv)	A)(v)	B)(i)	B)(ii)	B)(iii)	B)(iv)	C)(i)	C)(ii)	
Taxon ↓ 20. <i>Falco rusticolus</i>	The reviewer suggests adding the word "international"	A)(iv): With this species, the criterion would work better if modified to focus on "breeding pairs". Number of individuals does not reflect the sex or age demographics.					B) Unclear how this species should be classified. Is a particular habitat a restricted area of distribution? Couldn't most non-human species be said to have a restricted area of distribution? B)(i): The definition for fragmentation should clearly state if it applies to habitat or species distribution pattern. B)(ii): The reviewer suggests to add " <u>or breeding pairs</u> ". B)(iii): Why is this criterion repeated? B)(iv)1-5: √ B)(iv)6: ? Should also be included in Criterion A.				C)(ii)1-2: √ C)(ii) 3: ? C)(ii) 4: ? :The reviewer suggests to remove the words "human-induced" so that stochastic events can also be included. C)(ii)5: ?		
	[√]	√	√	√	(√)	√	?	?	√	√ / ?	√	√ / ?	√

**Table 2 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX II**

Criteria ⇒	Trade Criterion Is or may the species be affected by trade?	A) It is known, or can be inferred, that the regulation of trade in the species is necessary to avoid it becoming eligible for inclusion in Appendix I in the near future.	B) It is known, or can be inferred or projected, that harvesting of specimens from the wild for international trade has, or may have, a detrimental impact on the species by either:		C) 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 a non-expert, with reasonable effort, is unlikely to be able to distinguish between them.	D) There are compelling reasons, other than those given in C to ensure that effective control of trade in currently listed species is achieved.
			B)(i) Exceeding, over an extended period, the level that can be continued to perpetuity.	B)(ii) Reducing it to a population level at which its survival would be threatened by other influences.		
<u>Taxon</u> ⇓						
20. <i>Falco rusticolus</i>	The reviewer suggests adding the word "international"		B)* B)(i), (ii): This population level is very difficult if not impossible to determine for presumably any species.			
	[√]	√	?	?	√	√

* The vulnerability factors listed are not complete enough to assist the evaluation of this criterion. It is suggested that traditional factors from IUCN checklist for making non-detriment findings also be included. These are: low reproductive rate, short-lived; poor adaptability; poor dispersal efficiency; sensitive interaction with humans; restricted distribution; low abundance; decreasing population trend; little or no management of harvest; low control of harvest; limited or no harvest monitoring program; little or no incentives/benefits from harvest.

**Table 1 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX I**

Criteria ⇒ Taxon ↓	Trade Criterion Is or may the species be affected by ↓ trade	A) The wild population is small, and is characterized by at least one of the following (see definitions below):					B) The wild population has a restricted area of distribution and is characterized by at least one of the following (see definitions below):				C) A marked decline in <u>population size</u> in the wild, which has been either (see definitions below):		D) If not included in App I, is likely to satisfy one or more of criteria A-C within 5 years?
		A)(i)	A)(ii)	A)(iii)	A)(iv)	A)(v)	B)(i)	B)(ii)	B)(iii)	B)(iv)	C)(i)	C)(ii)	
21. <i>Eschrichtius robustus</i> (Eastern Pop., R.Gabel)		This criterion of size may also be based on percentages in relation with historical abundances, when available, previous to a decline due to human activities or natural causes. For example: Small wild pop.: 25-50% of the historical abundance; very small wild pop.: less than 50% of the historical abundance. When there are no historical abundance estimates it might be feasible to look at reproductive parameters instead. A)(i): * A)(iii) **					B)(iii): It is not clear that it is particularly useful for cetaceans. Many animal populations would appear to meet the definition of vulnerability as defined. B)(iv)1-5: √ B)(iv)6: [√]; The reviewer suggests to modify it to: "the recruitment, <u>natality rate or infant survival</u> ".				C)(ii)1: [√] " a decrease in area of <u>habitat use</u> " is a more useful index for whales. C)(ii)2-4: √ C)(ii)5: [√]; The reviewer suggests to modify it to: "a decreasing recruitment, <u>natality rate or infant survival</u> "		
		√	(√)	√	[√]	N/A	√	√	√	(√)	√ / [√]	√	

* Even though declines in percentage might be a way to go, current information on decline to a population size of ~300 animals seems to be the limit to large whales. At this population size the effect of small population size seems too surface (e.g. right whales).

** The reviewer suggests to modify the next sentence to be more applicable: " a majority of individuals, during one or more life-history phases or age classes, being concentrated in one sub-population or a majority of individuals being concentrated in some geographic region of its distribution area during some specific time; or".

**Table 2 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX II**

Criteria ⇒	Trade Criterion Is or may the species be affected by trade?	A) It is known, or can be inferred, that the regulation of trade in the species is necessary to avoid it becoming eligible for inclusion in Appendix I in the near future.	B) It is known, or can be inferred or projected, that harvesting of specimens from the wild for international trade has, or may have, a detrimental impact on the species by either:		C) 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 a non-expert, with reasonable effort, is unlikely to be able to distinguish between them.	D) There are compelling reasons, other than those given in C to ensure that effective control of trade in currently listed species is achieved.
			B)(i) Exceeding, over an extended period, the level that can be continued to perpetuity.	B)(ii) Reducing it to a population level at which its survival would be threatened by other influences.		
<u>Taxon</u> ↓						
21. <i>Eschrichtius robustus</i> (Eastern Pop., R.Gabel)	√	√	√	√	√	√

**Table 1 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX I**

Criteria ⇒	Trade Criterion Is or may the species be affected by ↓ trade	A) The wild population is small, and is characterized by at least one of the following (see definitions below):					B) The wild population has a restricted area of distribution and is characterized by at least one of the following (see definitions below):				C) A marked decline in <u>population size</u> in the wild, which has been either (see definitions below):		D) If not included in App I, is likely to satisfy one or more of criteria A-C within 5 years?
		A) (i)	A)(ii)	A)(iii)	A)(iv)	A)(v)	B)(i)	B)(ii)	B)(iii)	B)(iv)	C)(i)	C)(ii)	
Taxon ↓↓													
22. <i>Eschrichtius robustus</i> (Eastern Pop., Hidehiro Kato)													
	?	?	?	?	?	?	?	?	?	?	?	?	?

**Table 2 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX II**

Criteria ⇒	Trade Criterion Is or may the species be affected by trade?	A) It is known, or can be inferred, that the regulation of trade in the species is necessary to avoid it becoming eligible for inclusion in Appendix I in the near future.	B) It is known, or can be inferred or projected, that harvesting of specimens from the wild for international trade has, or may have, a detrimental impact on the species by either:		C) 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 a non-expert, with reasonable effort, is unlikely to be able to distinguish between them.	D) There are compelling reasons, other than those given in C to ensure that effective control of trade in currently listed species is achieved.
			B)(i) Exceeding, over an extended period, the level that can be continued to perpetuity.	B)(ii) Reducing it to a population level at which its survival would be threatened by other influences.		
<u>Taxon</u> ↓						
22. <i>Eschrichtius robustus</i> (Eastern Pop., Hidehiro Kato)	?	?	?	?	N/A	?

**Table 1 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX I**

Criteria ⇒	Trade Criterion Is or may the species be affected by ↓ trade	A) The wild population is small, and is characterized by at least one of the following (see definitions below):					B) The wild population has a restricted area of distribution and is characterized by at least one of the following (see definitions below):				C) A marked decline in <u>population size</u> in the wild, which has been either (see definitions below):		D) If not included in App I, is likely to satisfy one or more of criteria A-C within 5 years?
		A) (i)	A)(ii)	A)(iii)	A)(iv)	A)(v)	B)(i)	B)(ii)	B)(iii)	B)(iv)	C)(i)	C)(ii)	
Taxon ↓↓													
23. <i>Eschrichtius robustus</i> (Western Pop., Hidehiro Kato)	?	?	?	?	?	?	?	?	?	?	?	?	?

**Table 2 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX II**

Criteria ⇒	Trade Criterion Is or may the species be affected by trade?	A) It is known, or can be inferred, that the regulation of trade in the species is necessary to avoid it becoming eligible for inclusion in Appendix I in the near future.	B) It is known, or can be inferred or projected, that harvesting of specimens from the wild for international trade has, or may have, a detrimental impact on the species by either:		C) 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 a non-expert, with reasonable effort, is unlikely to be able to distinguish between them.	D) There are compelling reasons, other than those given in C to ensure that effective control of trade in currently listed species is achieved.
			B)(i) Exceeding, over an extended period, the level that can be continued to perpetuity.	B)(ii) Reducing it to a population level at which its survival would be threatened by other influences.		
<u>Taxon</u> ↓						
23. <i>Eschrichtius robustus</i> (Western Pop., Hidehiro Kato)	?	?	?	?	N/A	?

**Table 1 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX I**

Criteria ⇒	Trade Criterion Is or may the species be affected by ↓ trade	A) The wild population is small, and is characterized by at least one of the following (see definitions below):					B) The wild population has a restricted area of distribution and is characterized by at least one of the following (see definitions below):				C) A marked decline in <u>population size</u> in the wild, which has been either (see definitions below):		D) If not included in App I, is likely to satisfy one or more of criteria A-C within 5 years?
		A) (i)	A)(ii)	A)(iii)	A)(iv)	A)(v)	B)(i)	B)(ii)	B)(iii)	B)(iv)	C)(i)	C)(ii)	
Taxon ↓													
24. <i>Vicugna vicugna</i>													
	?	?	?	?	?	?	?	?	?	?	?	?	?

**Table 2 - Proposed revision of Resolution Conf. 9.24 (CoP12 Com. I. 3):
EVALUATION OF THE CRITERIA FOR LISTING ON APPENDIX II**

Criteria ⇒	Trade Criterion Is or may the species be affected by trade?	A) It is known, or can be inferred, that the regulation of trade in the species is necessary to avoid it becoming eligible for inclusion in Appendix I in the near future.	B) It is known, or can be inferred or projected, that harvesting of specimens from the wild for international trade has, or may have, a detrimental impact on the species by either:		C) 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 a non-expert, with reasonable effort, is unlikely to be able to distinguish between them.	D) There are compelling reasons, other than those given in C to ensure that effective control of trade in currently listed species is achieved.
			B)(i) Exceeding, over an extended period, the level that can be continued to perpetuity.	B)(ii) Reducing it to a population level at which its survival would be threatened by other influences.		
<u>Taxon</u> ⇓						
24. <i>Vicugna vicugna</i>	?	?	?	?	?	?