

Registration Form and Contact Details

Please fill in the details below and send the completed document, as appropriate, to the Chairman of the Animals Committee or the Chairman of the Plants Committee.

<p>Name(s) and affiliation(s) of reviewer(s):</p> <p>METIVIER Bernard</p> <p>Muséum National d'Histoire Naturelle</p> <p>Département Milieux et Peuplements Aquatiques</p> <p>57 rue Cuvier</p> <p>75005 Paris</p>

<p>Contact person: RIGOULET Jacques</p>
<p>Contact address:</p> <p>Muséum National d'Histoire Naturelle</p> <p>Tel: 33 (0)1 40 79 48 31</p> <p>Fax: 33 (0)1 40 79 38 16</p> <p>e-mail: rigoulet@mnhn.fr</p>

<p>Taxon reviewed (including common and taxonomic names):</p> <p><i>Hippopus hippopus</i> (Linnaeus)</p> <p><i>Bénitier</i></p> <p><i>Bear Paw Clam</i></p>

<p>Please return your completed paper or electronic document to one of the below:</p>	
<p>Margarita A. Clemente Muñoz Presidenta del Comité de Flora CITES Universidad de Córdoba / Jardín Botánico Avenida de Linneo s/n E-14004 CÓRDOBA Spain / España / Espagne email cr1clmum@uco.es</p>	<p>Thomas Althaus Chair of the CITES Animals Committee Federal Veterinary Office Schwarzenburgstrasse 161 CH-3097 LIEBEFELD Switzerland / Suiza / Suisse email: thomas.althaus@bvet.admin.ch</p>

Table 1 – Comments from reviewer on applicability of criteria for listing on Appendix I

<p style="text-align: center;">CRITERION</p> <p>For your information for a species to fulfill the draft criteria for Appendix I it must meet the trade criteria and at least one of the criteria A-D.</p>	<p style="text-align: center;">NOTES</p> <p>Whenever appropriate, indicate ways in which this criterion and definitions, explanations and guidelines could be improved and/or quantified to better suit this taxon and its relatives (If you need additional space, please use a separate sheet of paper).</p> <p>For the following specific questions, if a point estimate is not available, please provide a likely range of values (e.g., “about 6,000 – 10,000 individuals”) or some kind of rough estimate or inference (e.g., “likely to be less than 500 square kilometres”). Please try to make a numerical guess or give a verbal description and only use DNW (Do Not Know) if there is truly no information available on the quantity in question.</p>
<p>Trade Criterion Is or may the <u>species</u> be <u>affected by trade</u>?</p>	<p>oui</p>
<p>A) The <u>wild population is small</u>, and is characterized by at least one of the following (see definitions below):</p>	<p>What was/is the estimated size of the <u>population</u>? Please include units of measurement.</p> <p>DNW</p>
<p>A)(i) an observed, inferred or projected <u>decline</u> in the number of individuals or the area and quality of habitat; or</p>	
<p>A)(ii) each <u>sub-population being very small</u>; or</p>	<p>What were/are the estimated sizes of the <u>subpopulation</u>(s)? Please include units of measurement.</p>
<p>A)(iii) a majority of individuals, during one or more life-history phases, being concentrated in one <u>sub-population</u>; or</p>	

<p>A)(iv) large short-term fluctuations in the number of individuals appropriate to measuring population size for the species concerned;</p>	<p>If the population was/is characterized by large short-term fluctuations in the numbers of individuals, what was/is the average magnitude in orders of magnitude? What was/is the average period of fluctuation in years?</p>
<p>A)(v) a high vulnerability due to the species' biology or behaviour (including migration).</p>	<p>Faible taux de croissance; âge élevé pour atteindre la maturité (6 ans ou plus) Habitat très limité</p>
<p>B) The wild population has a restricted area of distribution and is characterized by at least one of the following (see definitions below):</p>	<p>What was/is the estimated area of distribution? If listing on the basis of one or more sub-populations, what were/are the estimated areas of distribution of the subpopulation(s)? Please include units of measurement? DNW</p> <p>Oui DNW</p>
<p>B)(i) fragmentation or occurrence at very few locations; or</p>	<p>Non</p>
<p>B)(ii) large fluctuations in the area of distribution or the number of sub-populations; or</p>	<p>Non</p>
<p>B)(iii) a high vulnerability due to the species' biology or behaviour (including migration); or</p>	<p>Faible taux de croissance, âge élevé (6 ans ou plus) pour atteindre la première maturité, biotope particulier</p>
<p>B)(iv) an observed, inferred or projected decrease in any one of the following:</p>	
<ul style="list-style-type: none"> • the area of distribution; or 	<p>Oui, extinction de certaines populations</p>
<ul style="list-style-type: none"> • the area of habitat; or 	

<ul style="list-style-type: none"> the number of sub-populations; or 	Diminution du nombre de sous-populations
<ul style="list-style-type: none"> the number of individuals; or 	Diminution du nombre d'individus
<ul style="list-style-type: none"> the quality of habitat; or 	Non
<ul style="list-style-type: none"> the recruitment. 	Non
C) A marked decline in population size in the wild, which has been either (see definitions below):	Historical extent of decline - To what extent has the population or the area of distribution (please specify which) declined since historical times (i.e., going back 100 years or more if known; else based on whatever information is available)? (Ex. The ___ has declined down to ___% of the historical levels of ___ years ago.)
	Recent rate of decline - Characterize the recent (10-20 year) trends in population size or area of distribution (please specify which).
	Déclin certain de la population dans les 20 dernières années, non chiffré mais observé, avec la disparition de sous-populations géographiques
C)(i) observed as ongoing or as having occurred in the past (but with a potential to resume); or	Oui
C)(ii) inferred or projected on the basis of any one of the following:	
<ul style="list-style-type: none"> a decrease in area of habitat; or 	
<ul style="list-style-type: none"> a decrease in quality of habitat; or 	

<ul style="list-style-type: none"> • levels or pattern of exploitation; or 	Les extinctions locales résultent d'une sur-exploitation
<ul style="list-style-type: none"> • threats from extrinsic human-induced factors such as competition/predation by introduced species or the effects of hybridization, toxins and pollutants; or 	
<ul style="list-style-type: none"> • a decreasing recruitment 	
D) If not included in Appendix I, is likely to satisfy one or more of criteria A-C within 5 years?	Non inscrite à l'annexe I mais remplit déjà des critères qui permettraient dès maintenant des critères son inscription

For criteria **A)(v)** and **B)(iii)**, please check which if any of the vulnerability factors listed below apply:

- | | | |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <input type="checkbox"/> low fecundity | <input type="checkbox"/> specialized niche requirements (e.g. diet and habitat) | <input type="checkbox"/> threats from disease |
| <input type="checkbox"/> slow growth rate | <input type="checkbox"/> species associations such as symbiosis and other forms of co-dependency | <input type="checkbox"/> threats from invasive species |
| <input type="checkbox"/> high age at first maturity | <input type="checkbox"/> fragmentation and habitat loss | <input type="checkbox"/> threats from rapid environmental change (e.g. climate regime shifts) |
| <input type="checkbox"/> distorted age, size or sex ratio | <input type="checkbox"/> reduced genetic diversity | <input type="checkbox"/> selectivity of removals (that may compromise recruitment) |
| <input type="checkbox"/> complex social structure | <input type="checkbox"/> depensation (prone to continuing decline, even in the absence of exploitation) | <input type="checkbox"/> Other (please specify) |
| <input type="checkbox"/> extensive migratory behaviour | <input type="checkbox"/> high degree of endemism | |
| <input type="checkbox"/> strong aggregating behaviour (e.g., schooling) | | |
| <input type="checkbox"/> low population density (for sessile or semi-sessile species) | | |

Table 2 – Comments from reviewer on applicability of criteria for listing on Appendix II

<p style="text-align: center;">Criterion</p> <p>For your information for a species to fulfill the draft criteria for Appendix II it must meet at least one of the criteria A-D.</p>	<p style="text-align: center;">NOTES</p> <p>Whenever appropriate, indicate ways in which this criterion and definitions, explanations and guidelines could be improved and/or quantified to better suit this taxon and its relatives (If you need additional space, please use a separate sheet of paper).</p>
<p>Trade Criterion Is or may the <u>species</u> be <u>affected by trade</u>?</p>	<p>OUI</p>
<p>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.</p>	<p>Oui. Une réglementation de son commerce est nécessaire. Le meilleur exemple : le commerce non réglementé a conduit à une sur-exploitation avec diminution des effectifs et des extinctions localisées. Il ne faut pas oublier qu'une consommation locale importante et traditionnelle s'ajoute au commerce.</p>
<p>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:</p>	<p>Oui</p>
<p>B)(i) Exceeding, over an extended period, the level that can be continued to perpetuity.</p>	<p>Oui</p>
<p>B)(ii) Reducing it to a population level at which its survival would be threatened by other influences.</p>	

<p>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.</p>	
<p>D) There are compelling reasons, other than those given in C to ensure that effective control of trade in currently listed species is achieved.</p>	

For criteria **A)** and **B)**, please check which if any of the vulnerability factors listed below apply:

- | | |
|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> low fecundity | <input type="checkbox"/> depensation (prone to continuing decline, even in the absence of exploitation) |
| <input type="checkbox"/> slow growth rate | <input type="checkbox"/> high degree of endemism |
| <input type="checkbox"/> high age at first maturity | <input type="checkbox"/> threats from disease |
| <input type="checkbox"/> distorted age, size or sex ratio | <input type="checkbox"/> threats from invasive species |
| <input type="checkbox"/> complex social structure | <input type="checkbox"/> threats from rapid environmental change (e.g. climate regime shifts) |
| <input type="checkbox"/> extensive migratory behaviour | <input type="checkbox"/> selectivity of removals (that may compromise recruitment) |
| <input type="checkbox"/> strong aggregating behaviour (e.g., schooling) | <input type="checkbox"/> Other (please specify) |
| <input type="checkbox"/> low population density (for sessile or semi-sessile species) | |
| <input type="checkbox"/> specialized niche requirements (e.g. diet and habitat) | |
| <input type="checkbox"/> species associations such as symbiosis and other forms of co-dependency | |
| <input type="checkbox"/> fragmentation and habitat loss | |
| <input type="checkbox"/> reduced genetic diversity | |

