

ANNEX 1

Biological Criteria for Appendix I

The following criteria are intended to be read in conjunction with the definitions, notes and guidelines listed in Annex 5 of Resolution Conf. 9.24.

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; 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 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.