



**HUMANE SOCIETY  
INTERNATIONAL**

FIRST PANGOLIN  
RANGE STATES MEETING  
JUNE 2015 • DA NANG, VIET NAM



**PANGOLINS AND THE CITES LISTING CRITERIA**

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## Current Listing: App. II

- Pangolins are currently listed on Appendix II at the genus level, *Manis* spp.
- Consider advantage of Appendix I listing which is dual control over international trade.





# CITES Listing Criteria

- **Resolution Conf. 9.24 (Rev. CoP16)**
- **Used by CITES Parties to evaluate proposals to change listing status (re: App. I or II).**
- **Parts:**
  - **Criteria for listing on App. I or II**
  - **Special cases**
  - **Definitions and explanations**
  - **Format for proposals**





# Listing Criteria: App. II

- **Criteria for listing on Appendix II:**
  - **Annex 2 (a): It is known, or can be inferred or projected, that the regulation of trade in the species ...**
    - is necessary to avoid it becoming eligible for inclusion in Appendix I in the near future; or
    - is required to ensure that the harvest of specimens from the wild is not reducing the wild population to a level at which its survival might be threatened by continued harvesting or other influences.



# **Listing Criteria: App. II** (continued)

- **Criteria for listing on Appendix II:**
  - **Annex 2 (b): either ...**
    - **specimens of the species in the form in which they are traded resemble specimens of a species included in Appendix II under 2 (a) criteria, or in Appendix I, so that enforcement officers who encounter specimens are unlikely to be able to distinguish between them; or**
    - **There are compelling reasons other than those above to ensure effective control of trade.**



# Listing Criteria: App. I

- **Trade** criterion: are or may be affected by trade
- **Biological** criteria (must meet one of three):
  1. The wild population is small (*guideline is < 5000 for K-selected species*), OR
  2. The wild population has a restricted area of distribution (*“restricted” not defined*), OR

(continued)



## Criteria for Listing: App. I (continued)

- 3. A **marked** decline in the population size in the wild, which has been either:
  - i) observed as ongoing or as having occurred in the past (but with a potential to resume); or
  - ii) inferred or projected on the basis of any one of the following:
    - a decrease in area of habitat;
    - a decrease in quality of habitat;
    - levels or patterns of exploitation;
    - a high vulnerability to either intrinsic or extrinsic factors; or
    - a decreasing recruitment.



# Criteria for Listing: App. I (continued)

## What is a “marked” decline?

- “The judgement that a decline is marked is **taxon-specific.**”
- “A **general guideline** for a **marked recent rate of decline** is a percentage decline of 50% or more in the last 10 years or three generations, whichever is the longer.”
- “**However, these figures are presented only as examples, since it is impossible to give numerical values that are applicable to all taxa because of differences in their biology.**”





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# Evaluation: Pangolins and App. I





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# Pangolins Are Affected by Trade

*One million pangolins taken from the wild in the last decade to meet demand.*





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# Pangolin Populations: Marked Decline

Species	% Decline (IUCN 2014)
<i>Manis pentadactyla</i>	Projected: $\leq 90\%$ over next 21 years (3 generations)
<i>Manis javanica</i>	Suspected: $\leq 80\%$ over last 21 years Projected: $\geq 80\%$ over next 21 years
<i>Manis crassicaudata</i>	Projected: $\geq 50\%$ over next 21 years
<i>Manis culionensis</i>	Projected: $\geq 50\%$ over next 21 years
<i>Manis temminckii</i>	Inferred past/ongoing/projected future: 30-40% over a 27 year period (3 generations; nine years past, 18 years future)
<i>Manis gigantea</i>	Projected: at least 40% over next 27 years
<i>Manis tricuspis</i>	Inferred past/ projected future: at least 40% over a 21 year period (3 generations; seven years past, 14 years future)
<i>Manis tetradactyla</i>	Projected: at least 30-40% over next 21 years



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# Do Pangolins Meet the Criteria for Listing on CITES Appendix I?

Are or may be affected by trade? ✓

Marked decline of wild populations? ✓

**Answer: Yes**





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# Thank you!

