The Unintended Consequences of Transporting Animals: Diseases, Behaviour, and Genetics



# IUCN Guidelines for the Placement of Confiscated Animals

















# International Union for the Conservation of **Nature and Natural Resources (IUCN)**

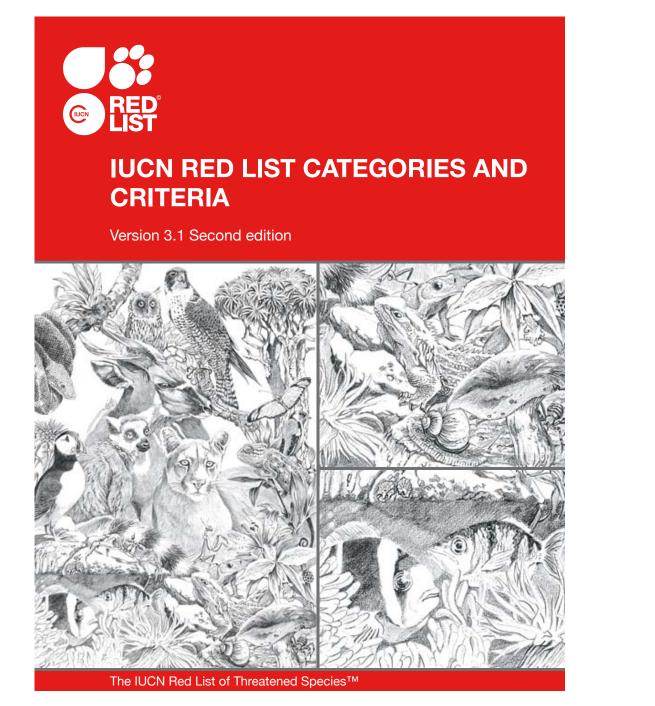
- **1.** Commission on Education and Communication
- 2. Commission on Environmental, Economic, and Social Policy
- 3. Commission on Ecosystem Management
- 4. IUCN World Commission on Protected Areas
- 5. Species Survival Commission
- 6. World Commission on Environmental Law



# **Species Survival Commission**

- > 8,500 Volunteers
- 130 Specialists Groups & Task Forces
- **Members:** 
  - Researchers
  - GOV officials
  - Wildlife veterinarians
  - Zoo and botanical institute employees
  - Protected area managers
  - Experts on fungi, plants, inverts., fish, amphibians, reptiles, birds & mammals





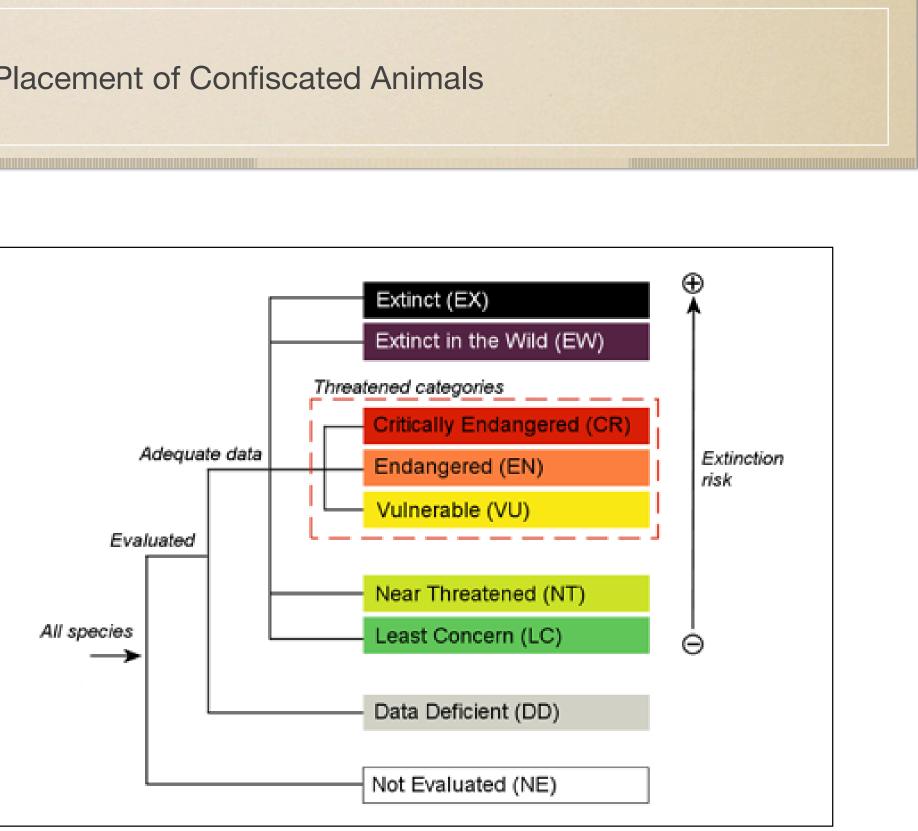


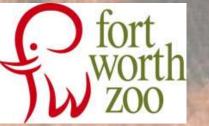
Figure 1. Structure of the categories



## **Orangutan SSP Veterinary Advisors Report**

Nancy P. Lung, VMD, MS Fort Worth Zoo **Veterinary Advisor, Orangutan SSP** 

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# Standards

#### Species Conservation and Management





Guidelines for Reintroductions and Other Conservation Translocations, June 2013



Guidelines for the Placement of Confiscated Animals approved by the 51st Meeting of the IUCN Council, February 2000. French, Spanish, Arabic.

#### **IUCN Policies, Guidelines &**

Guidelines for Wildlife Disease Risk Analysis

(Co-published by OIE and IUCN)



MSSC

#### IUCN Guidelines for the Placement of **Confiscated Animals**



## **Statement of Principle**

- I. Maximise the conservation value of the animal without in any way endangering the health, behavioural repertoire, genetic characteristics, or conservation status of wild or captive populations of the species or any other wild living organism;
- 2. Discourage further illegal trade;
- 3. Provide a humane solution.

Return-to-wild





## **Option I: Captivity**

## A. Facilities

- a. Zoos & aquaria
- b. Rescue centers (esp. for injured)
- c. Life-time care facilities
- d. Specialist societies
- e. Humane societies
- f. Commercial captive breeders
- g. Research institutions

### B. Sale, Loan, or Donation

- a. Ownership, incl. progeny?
- b. Violation by new owners?

## C. Benefits

- a. Educational exhibit
- b. Satisfaction animal not dead

- e. Research / surrogate

## D. Concerns

- a. Disease
- b. Escape pest or invasive
- c. Cost (housing, veterinary, etc.)
- d. Encourage trade



### **Option 2: Return to Wild**

"Because of the serious risks posed to wild animal populations from released confiscated animals, return to the wild is considered to be desirable in only a very small number of instances and under very specific conditions...poorly planned programmes are no better than dumping animals in the wild and should be vigorously opposed on both conservation and humane grounds."

## A. Concerns

- a. Welfare
- b. Conservation value & cost
- c. Disease
- d. Source of individuals (provenance unknown)

### **B.** Benefits



### a. Restore to historic range b. Reinforce existing small population c. Save from extinction

Option 3: Euthanasia - a humane option

You can take an animal out of the wild... but you can't take the wild out of an animal.

### A. Benefits

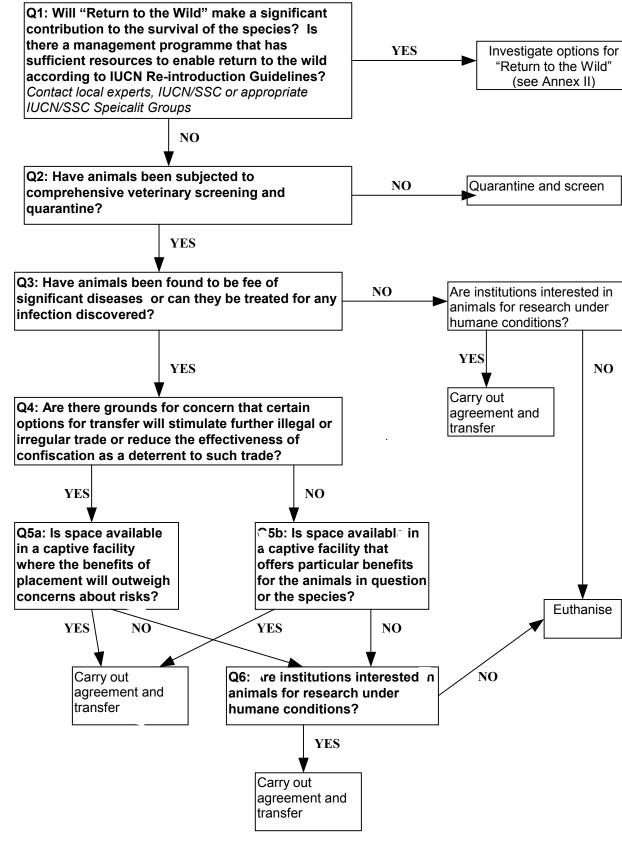
#### B. Concerns

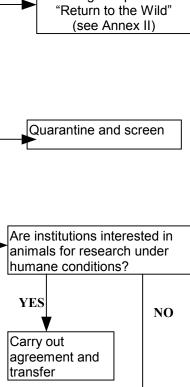
- a. Eliminate risks (disease, genetic pollution, invasion, etc.)
- b. Eliminate poor welfare / housing
- c. Discourage activities which gave rise to confiscation
- d. Educate public about the issues
- e. Re-allocate scarce resources

### a. Encourage poaching for "replacement" b. Negative public perception

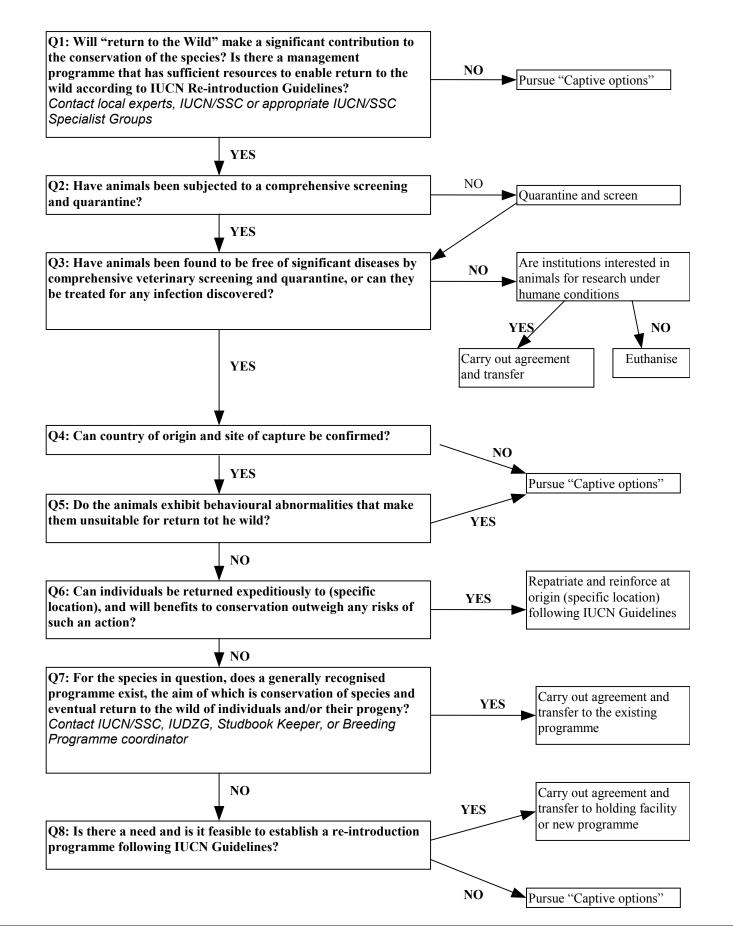
#### 1. Assess population status

- 2. Assess human resources & capacity
- 3. Assess the individual animal





#### Annex 2 - Decision Tree for Return to the Wild



#### **Improving Risk Assessments to Protect Endemic Wildlife**

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## **OBJECTIVES:**

- 1. Up-to-date screening list for infectious diseases in psittacines and reptiles.
- 2. Guidelines for the translocation of wildlife and for the placement of confiscated wildlife
- 3. Sensitizing the public to issues associated with translocating wildlife.

#### Improving Risk Assessments to Protect Endemic Wildlife The Unintended Consequences of Transporting Animals: Diseases, Behaviour, and Genetics



#### **WORKING SESSION:**

Q1: What are the major diseases of concern in psittacines and reptiles, with regards to: (a) transporting species into Jamaica; and (b) moving species within the island (including wildlife brought into captivity or released into the wild)?

Q2: Are there species or taxonomic groups for which we should restrict entry into the island because of risks to our endemic animals? (Yellow-billed Parrot, Black-billed Parrot, Olive-throated Parakeet, Jamaican Iguana, and Jamaican Boa are case studies but other examples should be considered.)

Q3: Can we adopt / adapt IUCN Confiscated Animals Guidelines1 to meet Jamaica's needs with regards to: (a) bringing wildlife into captive holding facilities; (b) establishing captive-breeding programmes for endangered species: and (c) translocating wildlife?

Q4: What categories of behaviours must we screen in evaluating an animal's fitness for return-to-the wild?