**SUPPLEMENTARY INFORMATION**

Table S1. IUCN Red List Version 3.1 Second edition criteria (IUCN 2012) that depend on population estimates. For some species, population estimates are made by estimating a population density then multiplying that density by the estimated range size to obtain an overall population estimate. Categories with no populations in the wild (EX and EW), insufficient information (DD), and non-threatened categories (NT and LC) are not considered here. Criteria or subcriteria that depend on population estimates are indicated in boldface type.

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| --- | --- | --- |
| **Red List Category** | **Criterion** | **Subcriteria** |
| CR |  |  |
| A | Does not depend on population size | Evaluated on population declines |
| B | Does not depend on population size | Evaluated on range size, fragmentation, or fluctuations in range size or population |
| **C**  | **Population size estimated to number fewer than 250 mature individuals** | Evaluated on population decline, subpopulation size, or population fluctuation |
| **D** | **Population size estimated to number fewer than 50 mature individuals** | No subcriteria |
| E | Does not depend on population size | No subcriteria |
| EN |  |  |
| A | Does not depend on population size | Evaluated on population declines |
| B | Does not depend on population size | Evaluated on range size, fragmentation, or fluctuations in range size or population |
| **C** | **Population size estimated to number fewer than 2,500 mature individuals** | Evaluated on population decline, subpopulation size, or population fluctuation |
| **D** | **Population size estimated to number fewer than 250 mature individuals** | No subcriteria |
| E | Does not depend on population size | No subcriteria |
| VU |  |  |
| A | Does not depend on population size | Evaluated on population declines, levels of exploitation, or other threats |
| B | Does not depend on population size | Evaluated on range size, fragmentation, or fluctuations in range size or population |
| **C** | **Population size estimated to number fewer than 10,000 mature individuals** | Evaluated on population decline, subpopulation size, or population fluctuation |
| **D1** | Population very small or restricted | **Population size estimated to number fewer than 1,000 mature individuals** |
| D2 | Population very small or restricted | Very small area of occupancy or number of locations |
| E | Does not depend on population size | No subcriteria |