

| | | | | | | |
|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|--------------------------|
| Swaziland | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Tanzania | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Uganda | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| United Kingdom | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| United States of America | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Zambia | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Zimbabwe | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Native - Presence Confirmed Native - Presence Possible Extinct Reintroduced Introduced

FAO Marine Habitats

Major Lakes

Major Rivers

Upper Level Habitat Preferences

Score

Lower Level Habitat Preferences

Score

| | | | |
|------------------------------------------------------------------------------------|---|---------------------------------|---|
| 1.6 Forest - Subtropical/Tropical Moist Lowland | 1 | Broadleaf Crops | 1 |
| 1.9 Forest - Subtropical/Tropical Moist Montane | 1 | Cool Fields and Woods | 1 |
| 2.1 Savanna - Dry | 1 | Corn and Beans Cropland | 1 |
| 2.2 Savanna - Moist | 1 | Crop and Water Mixtures | 1 |
| 3.4 Shrubland - Temperate | 1 | Crops and Towns | 1 |
| 3.5 Shrubland - Subtropical/Tropical Dry | 1 | Crops, Grass, Shrubs | 1 |
| 3.6 Shrubland - Subtropical/Tropical Moist | 1 | Deciduous Tree Crops | 1 |
| 3.7 Shrubland - Subtropical/Tropical High Altitude | 1 | Dry Tropical Woods | 1 |
| 3.8 Shrubland - Mediterranean-type Shrubby Vegetation | 1 | Dry Woody Scrub | 1 |
| 4.4 Grassland - Temperate | 1 | Evergreen Tree Crops | 1 |
| 4.5 Grassland - Subtropical/Tropical Dry | 1 | Fields and Woody Savanna | 1 |
| 4.6 Grassland - Subtropical/Tropical Seasonally Wet/Flooded | 1 | Forest and Field | 1 |
| 4.7 Grassland - Subtropical/Tropical High Altitude | 1 | Grass Crops | 1 |
| 5.1 Wetlands (inland) - Permanent Rivers/Streams/Creeks (includes waterfalls) | 2 | Hot and Mild Grasses and Shrubs | 1 |
| 5.2 Wetlands (inland) - Seasonal/Intermittent/Irregular Rivers/Streams/Creeks | 1 | Irrigated Grassland | 1 |
| 5.4 Wetlands (inland) - Bogs, Marshes, Swamps, Fens, Peatlands | 1 | Marsh Wetland | 1 |
| 5.5 Wetlands (inland) - Permanent Freshwater Lakes (over 8ha) | 1 | Savanna (Woods) | 1 |
| 5.6 Wetlands (inland) - Seasonal/Intermittent Freshwater Lakes (over 8ha) | 1 | Seasonal Tropical Forest | 1 |
| 5.7 Wetlands (inland) - Permanent Freshwater Marshes/Pools (under 8ha) | 1 | Succulent and Thorn Scrub | 1 |
| 5.8 Wetlands (inland) - Seasonal/Intermittent Freshwater Marshes/Pools (under 8ha) | 1 | Tropical Rainforest | 1 |
| 5.9 Wetlands (inland) - Freshwater Springs and Oases | 1 | Urban | 1 |
| 8.4 Desert - Semi-Desert (no trees present) | 1 | Woody Savanna | 1 |
| 11.1 Artificial/Terrestrial - Arable Land | 1 | | |
| 11.2 Artificial/Terrestrial - Pastureland | 1 | | |
| 11.3 Artificial/Terrestrial - Plantations | 1 | | |
| 11.4 Artificial/Terrestrial - Rural Gardens | 1 | | |
| 11.5 Artificial/Terrestrial - Urban Areas | 1 | | |
| 11.6 Artificial/Terrestrial - Subtropical/Tropical Heavily Degraded Former Forest | 1 | | |
| 12.1 Artificial/Aquatic - Water Storage Areas (over 8ha) | 1 | | |
| 12.2 Artificial/Aquatic - Ponds (below 8ha) | 1 | | |
| 12.3 Artificial/Aquatic - Aquaculture Ponds | 1 | | |
| 12.5 Artificial/Aquatic - Excavations (open) | 1 | | |
| 12.7 Artificial/Aquatic - Irrigated Land (includes irrigation channels) | 1 | | |
| 12.8 Artificial/Aquatic - Seasonally Flooded Agricultural Land | 1 | | |
| 12.9 Artificial/Aquatic - Canals and Drainage Channels, Ditches | 1 | | |

Major threats

Code Description of threat

Past Present Future

Conservation Measures

Code Conservation measures

In place Needed

| | | | | | | | | |
|----|------|-------------------------------------|-------------------------------------|-------------------------------------|-------|--------------------------------|-------------------------------------|-------------------------------------|
| 13 | None | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | 3 | Research actions | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | | | | | 3.1 | Taxonomy | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | | | | | 3.2 | Population numbers and range | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | | | | | 3.3 | Biology and Ecology | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | | | | | 3.4 | Habitat status | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | | | | | 3.9 | Trends/Monitoring | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | | | | | 4 | Habitat and site-based actions | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | | | | | 4.1 | Maintenance/Conservation | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | | | | | 4.4 | Protected areas | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | | | | | 4.4.2 | Establishment | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | | | | | 4.4.3 | Management | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Utilisation of Species

| | | | | | | |
|---------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------------|
| Purpose/Type of Use | | Subsistence | National | International | Other purpose: | |
| 1. Food - human | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |
| 14. Research | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| Primary forms removed from the wild | 100% | >75% | 51-75% | 26-50% | <25% | Other forms removed from the wild: |
| 1. Whole animal/plant | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Source of specimens in commercial trade | 100% | >75% | 51-75% | 26-50% | <25% | Other source of specimens: |
| Wild | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Captive breeding/farming | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Trend in wild offtake/harvest in relation to total wild population numbers over last five years: | | | | | | Unknown |
| Trend in offtake/harvest produced through domestication/cultivation over last five years: | | | | | | Unknown |
| CITES: | Not listed | | | | | |

Red Listing

Red List Assessment: Least Concern (LC) Possibly Extinct

Red List Criteria:

Rationale for the Red List Assessment: Listed as Least Concern in view of its very wide distribution, its tolerance of a broad range of habitats, its presumed large population, and because it is unlikely to be declining fast enough to qualify for listing in a more threatened category.

Current Population Trend: Increasing **Date of Assessment:** 5/15/2004

Assessor(s): Richard Tinsley, Leslie Minter, John Measey, Kim Howell, Alberto Veloso, Herman Núñez

Notes on Red listing:

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