**Comprehensive Assessment Template**

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| **Initial Information Gathering** |
| Species name |  |
| Range state name |  |
| Report compiled by |  |
| Date compiled |  |
| 1. Is the species correctly identified and named? |  |
| 2. Is the species or specimen listed in Appendix I or II? |  |
| 3. Is the species exempted or excluded from CITES controls? |  |
| 4. Have recommendations been issued to suspend trade in the species being exported? |  |
| 5. What is the quantity of specimens exported? |  |
| 6. Describe the specimen |  |
| 7. What is the source of the specimens? |  |
| 8. What is the purpose of exports? |  |
| 9. Where were (or will) the specimens (be) harvested from? |  |
| 10. What is the scale of the current NDF assessment (e.g., national, or area-specific)? |  |
| 11. National legislation – can national regulations help to understand potential detriment from harvesting or extinction risks? Are there national stricter domestic measures? |  |

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| **PART ONE: RISK EVALUATION** |
| **Factor** | **Assessment may consider** | **Evaluation – example indicators (not exhaustive)** |
| **Species’ biology and life-history characteristics** | **Intrinsic vulnerability of species or population (reproductive capacity, niche width)** | **r-selected species (early maturity, short-lived, many offspring), adapts to various habitat types** |  | **K-selected species (late maturity, long-lived, few offspring), specialist** | **Unknown** |
| *Scientific Authority Assessment and relevant information/data* |
| **Species’ range (historical and current)** | **Distribution and trends** | **Widespread, stable distribution over time, connected populations** |  | **Endemic, restricted, fragmented distribution, declined over time, shared stocks** | **Unknown** |
| *Scientific Authority Assessment and relevant information/data* |
| **Population structure, status and trends** | **Population size / structure/ density and trends (harvest area and nationally)** | **Population size large, stable or increasing. Representative inventories/surveys over time** |  | **Low population size, declining trend, skewed populations (age classes or sex).** | **Unknown** |
| *Scientific Authority Assessment and relevant information/data* |

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| **Conservation status** | **Status and trends (global, national, and local scales)** | **Least Concern (LC)** | **Vulnerable (VU) and Near Threatened (NT)** | **Critically Endangered (CR), Endangered (EN), Data Deficient (DD), CITES Appendix I** | **Unknown** |
| *Scientific Authority Assessment and relevant information/data* |
| **Threats** | **Other threats and threat trends** | **No other significant known threats** |  | **Subject to multiple threats (habitat loss, climate change, invasive alien species)** | **Unknown** |
| *Scientific Authority Assessment and relevant information/data* |

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| **PART TWO: IMPACT AND MANAGEMENT EVALUATION** |
| **Factor** | **Assessment may consider** | **Evaluation – example indicators (not exhaustive)** |
| **Harvest impacts/total offtake impacts** | **Impact of harvest/total offtake on harvest area, national population and internationally. Consider total volume of harvest/offtake (both for domestic and export as well as any other offtake, or removal of specimens from the wild) and legal and illegal harvest. Consider harvest/offtake from harvest area in context****of national level trade and trend.** | **Low impact (e.g., Non-lethal harvest that does not imply removal of individuals from the wild; Harvest of life stages with low survival rate (r-selected); Harvest is in post- reproductive stages only - (e.g. older males). Harvest not impacting other areas.** | **Impacts severe (e.g., harvest doesn’t take into account age/sex of specimens or is done at critical life stages for reproduction). Harvest area acting as sink for surrounding areas.** | **Unknown** |
| *Scientific Authority Assessment and relevant information/data* |
| **Trade impacts** | **Impact of trade on harvest area, national and international population. Consider total volume of (domestic and export) trade (known, inferred, projected, estimated).** | **Low levels of trade relative to population. Little illegal trade known,** | **High levels of trade in comparison with population. Illegal trade known.** | **Unknown** |
| *Scientific Authority Assessment and relevant information/data* |
| **Population monitoring** | **Is a monitoring program in place? Frequency of monitoring depending on species characteristics.****Methods for monitoring** | **Regular, using robust methods (changes in density, distribution, demography considered)** | **No/infrequent monitoring, unreliable methods** | **Unknown** |
| *Scientific Authority Assessment and relevant information/data* |
| **Management measures in place/proposed including adaptive management** | **Harvest management/ compliance / land and resource tenure** | **Measures in place (e.g. quotas, size/sex limits, protected/no- take areas, limits on hunting effort/ gear. Tenure: strong long- term control** | **No or inadequate management measures in place. Tenure: Open access e.g. fisheries in ABNJ, no harvest controls** | **Unknown** |
| *Scientific Authority Assessment and relevant information/data* |

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| **Ecosystem Impacts (Consider in detail only if harvesting/offtake represents a high risk or if a complex NDF is needed)** |
| **Impacts on role of the species in their ecosystems and direct impact on other species and on the ecosystem** | **Does harvesting/offtake impact other species or the ecosystem directly or the species’ roles in their species ecosystems resulting in?** | **Evaluate the following for impacts on role in ecosystems and direct impact on the ecosystem based on best available information:*** **a significant change in the abundance of another native species,**
* **an increase in the abundance of a non-native species or over-abundance of another species,**
* **a reduction in a demographic rate in any life stage of another native species (e.g., germination, seed production, nest success, natal dispersal, etc.) that has the potential to decrease its abundance or otherwise reduce its viability,**
* **change in any ecosystem process or structural feature,**
* **change in the typical patterns of behaviour (e.g., social interactions, patterns of aggregation, movement) among individuals of the species being assessed or other species, and**
* **change in genetic structure or variability of the population that indicates that one or more of the ecological functions of the species' are, or will become, impaired.**
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| *Scientific Authority Assessment and relevant information/data* |

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| **PART THREE: CONCLUSION / DECISION** |
| **Conclusion / Decision** |  |
| **Conditions / Management Advice** |  |