

## **Implementation report format**

The format below follows the structure of the *CITES Strategic Vision: 2008-2020* and aims to collect information to enable the Strategic Vision indicators to be implemented.

### **CITES vision statement**

Conserve biodiversity and contribute to its sustainable use by ensuring that no species of wild fauna or flora becomes or remains subject to unsustainable exploitation through international trade, thereby contributing to the significant reduction of the rate of biodiversity loss and making a significant contribution towards achieving the relevant Aichi Biodiversity Targets.

Article VIII, paragraph 7 (b), of the Convention requires each Party to submit to the CITES Secretariat a report on legislative, regulatory and administrative measures taken to enforce the provisions of the Convention.

The report format allows Parties to present information in a standard manner, so that it can be easily collated, with three main objectives:

- i) To enable monitoring of the implementation and effectiveness of the Convention;
- ii) To facilitate the identification of major achievements, significant developments, or trends, gaps or problems and possible solutions; and
- iii) Provide a basis for substantive and procedural decision-making by the Conference of the Parties and various subsidiary bodies.

Information on the nature and extent of CITES trade should be incorporated into the annual report [Article VIII paragraph 7 (a)], whereas the report provided under Article VIII paragraph 7 (b) should focus on measures taken to implement the Convention.

The report should cover the period indicated in [Resolution Conf. 11.17 \(Rev. CoP16\)](#) which urges that the report should be submitted to the Secretariat one year before each meeting of the Conference of the Parties (CoP). The reason for setting the report to be due a year in advance of the following CoP is to allow information to be collated so it can be considered by the Standing Committee in advance of CoP, and enable publication of the Strategic Vision indicators in advance of CoP.

Reports should be prepared in one of the three working languages of the Convention (English, French, Spanish).

Parties are *strongly* encouraged to prepare and submit their reports in electronic form. This will facilitate timely integration of information from Parties into publication of the Strategic Vision Indicators. If reports are only provided in hard copy, resources will be needed at the Secretariat to make an electronic copy, and this is not good use of Secretariat resources.

The completed report should be sent to:

CITES Secretariat  
International Environment House  
Chemin des Anémones 11-13  
CH-1219 Châtelaine-Geneva  
Switzerland

Email: [info@cites.org](mailto:info@cites.org)  
Tel: +41-(0)22-917-81-39/40  
Fax: +41-(0)22-797-34-17

If a Party requires further guidance on completing their report, please contact the CITES Secretariat at the address above.

|  |                      |
|--|----------------------|
| Party  | BELIZE               |
| Period covered in this report                        | 2018-2020            |
| Department or agency preparing this report           | Forest Department    |
| Contributing departments, agencies and organizations | Fisheries Department |

## **GOAL 1 ENSURE COMPLIANCE WITH AND IMPLEMENTATION AND ENFORCEMENT OF THE CONVENTION**

**Objective 1.1** Parties comply with their obligations under the Convention through appropriate policies, legislation and procedures.

All Aichi Targets relevant to CITES, particularly Aichi Target 2, Target 6, Target 9, Target 12, Target 17 and Target 18.

**Indicator 1.1.1:** The number of Parties that are in category 1 under the national legislation project.

|        |   |
|--------|---|
| 1.1.1a | Have any CITES relevant policies or legislation been developed during the period covered in this report?<br>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/><br>If 'Yes', have you shared information with the Secretariat? Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable <input type="checkbox"/><br>If 'No', please provide details to the Secretariat with this report: |
| 1.1.1b | Does your legislation or legislative process allow easy amendment of your national law(s) to reflect changes in the CITES Appendices (e.g. to meet the 90 day implementation guidelines)?<br>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/><br>If 'No', please provide details of the constraints faced:   |

**Objective 1.2** Parties have in place administrative procedures that are transparent, practical, coherent and user-friendly, and reduce unnecessary administrative burdens.

Aichi Target 3.

**Indicator 1.2.1:** The number of Parties that have adopted standard transparent procedures for the timely issuance of permits in accordance with Article VI of the Convention.

|        |   | Yes                                 | No                                  | No information           |
|--------|---|-------------------------------------|-------------------------------------|--------------------------|
| 1.2.1a | Do you have standard operating procedures for application for and issuance of permits?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
|        | Are the procedures publicly available?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| 1.2.1b | Do you have:  |                                     |                                     |                          |
|        | Electronic data management and a paper-based permit issuance system?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
|        | Electronic permit information exchange between Management Authorities of some countries<br>If 'Yes', please list countries<br>-China<br>-Any other country upon request | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
|        | Electronic permit information exchange to Management Authorities of all countries?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|        | Electronic permit data exchange between Management Authorities and customs?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
|        | Electronic permit used to cross border with electronic validation by customs?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|        | If 'Yes' to any of the above, please provide information on challenges faced or issues overcome:  |                                     |                                     |                          |

|  |                                     |                          |                          |
|--|-------------------------------------|--------------------------|--------------------------|
| If 'No', do you have any plans to move towards e-permitting <sup>1</sup> ?   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| If you are planning to move towards e-permitting, please explain what might help you to do so:<br>The costs of moving towards such a system is cost prohibitive, therefore financial assistance is needed for us to move towards an e-permitting system. |                                     |                          |                          |

Indicator 1.2.2: The number of Parties making use of the simplified procedures provided for in [Resolution Conf. 12.3 \(Rev. CoP16\)](#).

|        |   |                                     |                                     |                          |
|--------|---|-------------------------------------|-------------------------------------|--------------------------|
| 1.2.2a | Has your country developed simplified procedures for any of the following?  | Tick all applicable                 |                                     |                          |
|        |   | Yes                                 | No                                  | No information           |
|        | Where biological samples of the type and size specified in Annex 4 of <a href="#">Resolution Conf. 12.3 (Rev. CoP16)</a> are urgently required.   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
|        | For the issuance of pre-Convention certificates or equivalent documents in accordance with <a href="#">Article VII</a> , paragraph 2.             | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
|        | For the issuance of certificates of captive breeding or artificial propagation in accordance with Article VII, paragraph 5.                       | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|        | For the issuance of export permits or re-export certificates in accordance with Article IV for specimens referred to in Article VII, paragraph 4. | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
|        | Are there other cases judged by a Management Authority to merit the use of simplified procedures?<br>If 'Yes', please provide details:            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

**Objective 1.3** Implementation of the Convention at the national level is consistent with decisions adopted by the Conference of the Parties.  
[All Aichi targets relevant to CITES, particularly Target 9, Target 14 and Target 18.](#)

Indicator 1.3.1: The number of Parties that have implemented relevant reporting under Resolutions and Decisions of the Conference of the Parties and/or Standing Committee recommendations.

|        |  |
|--------|--|
| 1.3.1a | Has your country responded to all relevant special reporting requirements that are active during the period covered in this report, including those in the Resolutions and Decisions of the Conference of the Parties, Standing Committee recommendations, and Notifications issued by the Secretariat (see <a href="#">link to location on the CITES website where the reporting requirements are listed</a> )?<br><br><div style="text-align: right;"> Responses provided to ALL relevant reporting requirements <input type="checkbox"/><br/> Responses provided to SOME of the relevant reporting requirements <input checked="" type="checkbox"/><br/> Responses provided to NONE of the relevant reporting requirements <input type="checkbox"/><br/> No special reporting requirements applicable <input type="checkbox"/> </div> |
| 1.3.1b | Were any difficulties encountered during the period covered in this report in implementing specific Resolutions or Decisions adopted by the Conference of the Parties? <span style="float: right;">Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></span><br>If 'Yes', please provide details of which Resolution(s) or Decision(s), and, for each, what difficulties were / are being encountered?<br>We have encountered challenges in moving ahead with the implementation of national legislation; however, in a significant milestone the CITES Bill was introduced to parliament for its first reading in September 2020.  |

<sup>1</sup> e-permitting refers to the electronic (paperless) management of the permit business process, including permit application, Management Authority – Scientific Authority consultations, permit issuance, notification to customs and reporting.

**Objective 1.4** The Appendices correctly reflect the conservation needs of species.

Aichi Target 1, Target 12, Target 14 and Target 19.

1.4.1: The number and proportion of species that have been found to meet the criteria contained in Resolution Conf. 9.24 or its successors. This includes both the periodic review and amendment proposals.

|        |  |
|--------|--|
| 1.4.1a | <p>Have you undertaken any reviews of whether species would benefit from listing on the CITES Appendices? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>If 'Yes', please provide a summary here, or a link to the report of the work (or a copy of that report to the Secretariat if the work is not available online):</p> |
|--------|--|

**Objective 1.5** Best available scientific information is the basis for non-detriment findings.

Aichi Target 2, Target 4, Target 5, Target 6, Target 7, Target 9, Target 12 and Target 14.

Indicator 1.5.1: The number of surveys, studies or other analyses undertaken by exporting countries based on the sources of information cited in Resolution Conf. 16.7 on Non-detriment findings related to:

- a) the population status of Appendix-II species;
- b) the trends and impact of trade upon Appendix-II species; and
- c) the status of and trend in naturally-occurring Appendix I species and the impact of any recovery plans.

| 1.5.1a | Have any surveys, studies or other analyses been undertaken <u>in your country</u> in relation to:                     | Yes                                 | No                                  | Not Applicable           | If Yes, How many?        |
|--------|--|-------------------------------------|-------------------------------------|--------------------------|--------------------------|
|        | - the population status of Appendix II species?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |
|        | - the trends and impact of trade on Appendix II species?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|        | - the status of and trend in naturally-occurring Appendix I species?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|        | - the impact of any recovery plans on Appendix I species?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|        | Have the surveys, studies or analyses integrated relevant knowledge and expertise of local and indigenous communities? | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |

|  | <p>If there are such studies that you are willing to share, please provide:</p> <p>Species name (scientific)</p> <p>A brief summary of the results of the survey, study or other analysis (e.g. population status, decline / stable / increase, off-take levels etc), or provide links to published reference material.</p>  |   |     |    |   |                                     |                          |  |                          |                                     |   |                                     |                          |  |                                     |                          |   |                                     |                          |  |                                     |                          |
|--|--|---|-----|----|---|-------------------------------------|--------------------------|--|--------------------------|-------------------------------------|---|-------------------------------------|--------------------------|--|-------------------------------------|--------------------------|---|-------------------------------------|--------------------------|--|-------------------------------------|--------------------------|
| 1.5.1b   | <p>How are the results of such surveys, studies or other analyses used in making non-detriment findings (NDFs)? Please tick all that apply</p> <p>Revised harvest or export quotas <input checked="" type="checkbox"/></p> <p>Banning export <input type="checkbox"/></p> <p>Stricter domestic measures <input type="checkbox"/></p> <p>Changed management of the species <input checked="" type="checkbox"/></p> <p>Discussion with Management Authorities <input type="checkbox"/></p> <p>Discussion with other stakeholders? <input type="checkbox"/></p> <p>Other (please provide a short summary):</p>  |   |     |    |   |                                     |                          |  |                          |                                     |   |                                     |                          |  |                                     |                          |   |                                     |                          |  |                                     |                          |
| 1.5.1c   | <p>Do you have specific conservation measures or recovery plans for naturally occurring Appendix-I listed species?</p> <p>Yes <input checked="" type="checkbox"/></p> <p>No <input type="checkbox"/></p> <p>Not Applicable <input type="checkbox"/></p> <p>No information <input type="checkbox"/></p> <p>If 'Yes', please provide a brief summary, including, if possible, an evaluation of their impact: We started a chick recovery program for <i>Ara macao</i> species in the Chiquibul Forest of Belize. Chicks which are confiscated, under threat of poaching or have been isolated by the parents are retrieved and reared for re-introduction into the wild. This program is supported by a Macaw Working Group and led by the Friends for Conservation and Development and the Forest Department.</p>   |   |     |    |   |                                     |                          |  |                          |                                     |   |                                     |                          |  |                                     |                          |   |                                     |                          |  |                                     |                          |
| 1.5.1d   | <p>Have you published any non-detriment findings that can be shared? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>If 'Yes', please provide links or examples to the Secretariat within this report:</p>  |   |     |    |   |                                     |                          |  |                          |                                     |   |                                     |                          |  |                                     |                          |   |                                     |                          |  |                                     |                          |
| 1.5.1e   | <table border="0"> <thead> <tr> <th>Which of the following (A to F of paragraph a) x) of <a href="#">Resolution Conf. 16.7</a>) do you use in making non-detriment findings?</th> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td>A. relevant scientific literature concerning species biology, life history, distribution and population trends.</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>B. details of any ecological risk assessments conducted.</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>C. scientific surveys conducted at harvest locations and at sites protected from harvest and other impacts.</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>D. relevant knowledge and expertise of local and indigenous communities.</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>E. consultations with relevant local, regional and international experts.</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>F. national and international trade information such as that available via the CITES trade database maintained by UNEP World Conservation Monitoring Centre (UNEP-WCMC), publications on trade, local knowledge on trade and investigations of sales at markets or through the Internet for example.</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </tbody> </table> | Which of the following (A to F of paragraph a) x) of <a href="#">Resolution Conf. 16.7</a> ) do you use in making non-detriment findings? | Yes | No | A. relevant scientific literature concerning species biology, life history, distribution and population trends. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | B. details of any ecological risk assessments conducted. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | C. scientific surveys conducted at harvest locations and at sites protected from harvest and other impacts. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | D. relevant knowledge and expertise of local and indigenous communities. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | E. consultations with relevant local, regional and international experts. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | F. national and international trade information such as that available via the CITES trade database maintained by UNEP World Conservation Monitoring Centre (UNEP-WCMC), publications on trade, local knowledge on trade and investigations of sales at markets or through the Internet for example. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Which of the following (A to F of paragraph a) x) of <a href="#">Resolution Conf. 16.7</a> ) do you use in making non-detriment findings?  | Yes  | No  |     |    |   |                                     |                          |  |                          |                                     |   |                                     |                          |  |                                     |                          |   |                                     |                          |  |                                     |                          |
| A. relevant scientific literature concerning species biology, life history, distribution and population trends.  | <input checked="" type="checkbox"/>  | <input type="checkbox"/>  |     |    |   |                                     |                          |  |                          |                                     |   |                                     |                          |  |                                     |                          |   |                                     |                          |  |                                     |                          |
| B. details of any ecological risk assessments conducted.   | <input type="checkbox"/>   | <input checked="" type="checkbox"/>   |     |    |   |                                     |                          |  |                          |                                     |   |                                     |                          |  |                                     |                          |   |                                     |                          |  |                                     |                          |
| C. scientific surveys conducted at harvest locations and at sites protected from harvest and other impacts.  | <input checked="" type="checkbox"/>  | <input type="checkbox"/>  |     |    |   |                                     |                          |  |                          |                                     |   |                                     |                          |  |                                     |                          |   |                                     |                          |  |                                     |                          |
| D. relevant knowledge and expertise of local and indigenous communities.   | <input checked="" type="checkbox"/>  | <input type="checkbox"/>  |     |    |   |                                     |                          |  |                          |                                     |   |                                     |                          |  |                                     |                          |   |                                     |                          |  |                                     |                          |
| E. consultations with relevant local, regional and international experts.  | <input checked="" type="checkbox"/>  | <input type="checkbox"/>  |     |    |   |                                     |                          |  |                          |                                     |   |                                     |                          |  |                                     |                          |   |                                     |                          |  |                                     |                          |
| F. national and international trade information such as that available via the CITES trade database maintained by UNEP World Conservation Monitoring Centre (UNEP-WCMC), publications on trade, local knowledge on trade and investigations of sales at markets or through the Internet for example. | <input checked="" type="checkbox"/>  | <input type="checkbox"/>  |     |    |   |                                     |                          |  |                          |                                     |   |                                     |                          |  |                                     |                          |   |                                     |                          |  |                                     |                          |

Indicator 1.5.2: The number of Parties that have adopted standard procedures for making non-detriment findings.

|        |  |  |
|--------|--|--|
| 1.5.2a | <p>Do you have standard procedures for making non-detriment findings in line with <a href="#">Resolution Conf. 16.7</a>?</p> <p>If 'Yes', please briefly describe your procedures for making non-detriment findings, or attach as an annex to this report, or provide a link to where the information can be found on the internet:</p> <p>We rely on several tools to carry out NDFs for CITES listed timber species. These include a Sustainable Forest Management Plan, Annual Plan of Operation and General Yield Model to determine sustainability which are peer reviewed and recommendation for export of not, is made to the CITES SA. The formats of these tools are attached to this report.</p> | <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No information <input type="checkbox"/></p> |
| 1.5.2b | <p>When establishing non-detriment findings, have any of the following guidance been used?</p> <p>Please tick all that apply</p> <p>Virtual College <input type="checkbox"/></p> <p>IUCN Checklist <input checked="" type="checkbox"/></p> <p>Resolution Conf. 16.7 <input checked="" type="checkbox"/></p> <p>2008 NDF workshop <input type="checkbox"/></p> <p>Species specific guidance <input checked="" type="checkbox"/></p> <p>Other <input type="checkbox"/></p> <p>If 'Other' or 'Species specific guidance', please specify details:</p>   |  |
| 1.5.2c | <p>How often do you review and/or change your non-detriment findings?</p> <p>Case by case <input type="checkbox"/></p> <p>Annually <input type="checkbox"/></p> <p>Every two years <input type="checkbox"/></p> <p>Less frequently <input checked="" type="checkbox"/></p> <p>A mix of the above <input type="checkbox"/></p> <p>Please describe the circumstances under which non-detriment findings would be changed:</p>  |  |

Indicator 1.5.3: The number and proportion of annual export quotas based on population surveys.

|        |  |  |
|--------|--|--|
| 1.5.3a | <p>Do you set annual export quotas?</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>If 'Yes', do you set quotas based on population survey, or by other means? Please specify, for each species, how quotas are set:</p> <p>Species Name (scientific)</p> <p>Swietenia macrophylla <input checked="" type="checkbox"/></p> <p>Cedrela odorata <input checked="" type="checkbox"/></p> <p>Dalbergia spp. <input checked="" type="checkbox"/></p> <p>Strombus gigas <input checked="" type="checkbox"/></p> <p>Population Survey? <input checked="" type="checkbox"/></p> <p>Other, please specify</p> |  |
| 1.5.3b | <p>Have annual export quotas been set at levels which will ensure sustainable production and consumption?</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>If 'Yes', please describe how this fits into your non-detriment finding process:</p> <p>In accordance with the guidelines provided by CITES and in adherence to national Forestry laws, the national export quota is set as according to the following basic steps:</p> <p>A. A long-term forest license is approved for a given private land or forest reserve.</p>   |  |

- B. A Management Plan is developed by the license holder and reviewed by the Forest Department and Forest Experts including the Scientific Authority. The Management Plan is approved.
- C. An Annual Plan of Operation for a given cutting block is prepared as per the established guidelines and framework and presented to the Forest Department for review and approval.
- D. In a given cutting block in a sustainable logging concession, a full count and measurement of all standing trees is performed. The group of trees is taken as a single, independent population and a sustainable harvest yield is determined using scientific methods.
- E. The previous step is repeated for all individual logging concessions in which a licensee proposes to harvest CITES listed species, and a national sustainable harvest yield is determined by summation.
- F. The CITES Scientific Authority then validates the proposed sustainable harvest yields and verifies the estimated volume of lumber to be produced – which forms the export quota.
- G. Once validated, the CITES Management Authority confirms an export quota to each individual logging concession, which can then begin to cut and export the lumber.
- H. Only licensees with approved export quotas can export CITES listed species, but only from areas to which the export quota applies. However, the licensee can sell such timber to third parties, who may then export the material under the export quota for the designated area from which the timber was cut.
- I. The Forest Department undergoes a legal acquisition finding process, as per the Convention and its Resolutions to ensure that the timber is sourced from legal sources. The sale or transfer of timber from one buyer to the other must adhere to this process to verify quota integrity.
- J. The Forest Department has established the volume of timber in log, flitch or sawn lumber form which may be exported based on conversion factors since the estimated standing export volume can not be the same as the volume of sawn lumber.

**Objective 1.6** Parties cooperate in managing shared wildlife resources.  
Aichi Target 4, Target 5, Target 6, Target 7, Target 10, Target 12 and Target 19.

**Indicator 1.6.1:** The number of bilateral and multilateral agreements that specifically provide for co-management of shared CITES listed species by range States.

|        |   |
|--------|---|
| 1.6.1a | <p>Is your country a signatory to any bilateral and/or multilateral agreements for co-management of shared species? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>If 'Yes', please provide brief details, including the names of the agreements, and which other countries are involved:</p> |
|--------|---|

**Indicator 1.6.2:** The number of cooperative management plans, including recovery plans, in place for shared populations of CITES-listed species.

|        |   |
|--------|---|
| 1.6.2a | <p>Do you have any cooperative management plans, including recovery plans, in place for shared populations of CITES-listed species? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>If 'Yes', please list the species for which these plans are in place and provide a link or reference to a published plan for each species.</p> <p>Species Name (scientific)      Link or reference to a published plan</p> |
|--------|---|

**Indicator 1.6.3:** The number of workshops and other capacity-building activities that bring range States together to address the conservation and management needs of shared, CITES listed, species.

|        |   |                                 |                                     |                          |                                     |                          |  |
|--------|---|---------------------------------|-------------------------------------|--------------------------|-------------------------------------|--------------------------|--|
| 1.6.3a | <p>Have the CITES authorities <i>received or benefited</i> from any of the following capacity-building activities provided by external sources?</p> |                                 |                                     |                          |                                     |                          |  |
|        | Please tick boxes to indicate which target group and which activity.  | Oral or written advice/guidance | Technical assistance                | Financial assistance     | Training                            | Other (specify)          |  |
|        | Target group  |                                 |                                     |                          |                                     |                          | What were the external sources <sup>1</sup> ?  |
|        | Staff of Management Authority   | <input type="checkbox"/>        | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | The Regional Authorities have been active in providing access to trainings on illegal wildlife trade, training with ROAVIS and US Embassy/ILEA |
|        | Staff of Scientific Authority   | <input type="checkbox"/>        | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |  |
|        | Staff of enforcement authorities  | <input type="checkbox"/>        | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |  |
|        | Traders   | <input type="checkbox"/>        | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Through the CITES MA   |
|        | NGOs  | <input type="checkbox"/>        | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |  |
|        | Public  | <input type="checkbox"/>        | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |  |
|        | Other (please specify):   | <input type="checkbox"/>        | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |  |

<sup>1</sup> Please provide the names of Parties, and any non-Parties, involved.

|                                |  |                                 |                          |                                     |                          |                          |                           |
|--------------------------------|--|---------------------------------|--------------------------|-------------------------------------|--------------------------|--------------------------|---------------------------|
| 1.6.3b                         | Have the CITES authorities been the <i>providers</i> of any of the following capacity-building activities to other range States? |                                 |                          |                                     |                          |                          |                           |
|                                | Please tick boxes to indicate which target group and which activity.   |                                 |                          |                                     |                          |                          |                           |
|                                | Target group   | Oral or written advice/guidance | Technical assistance     | Financial assistance                | Training                 | Other (specify)          | Details                   |
|                                | Staff of Management Authority  | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | No                        |
|                                | Staff of Scientific Authority  | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | No                        |
|                                | Staff of enforcement authorities   | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | No                        |
|                                | Traders  | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | No                        |
|                                | NGOs   | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | No                        |
|                                | Public   | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | No                        |
|                                | Other Parties/International meetings   | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | No                        |
| Other (please specify)         | <input type="checkbox"/>   | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | No                       |                           |
| 1.6.3c                         | In what ways do you collaborate with other CITES Parties?  |                                 |                          |                                     |                          |                          |                           |
|                                |  | Never                           | Rarely                   | Sometimes                           | Very Often               | Always                   | Further detail / examples |
|                                | Information exchange   | <input type="checkbox"/>        | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                           |
|                                | Monitoring / survey  | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |                           |
|                                | Habitat management   | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |                           |
|                                | Species management   | <input type="checkbox"/>        | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                           |
|                                | Law enforcement  | <input type="checkbox"/>        | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                           |
|                                | Capacity building  | <input type="checkbox"/>        | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                           |
| Other (please provide details) |  |                                 |                          |                                     |                          |                          |                           |

**Objective 1.7** Parties are enforcing the Convention to reduce illegal wildlife trade.  
[Aichi Target 4](#), [Target 5](#), [Target 6](#), [Target 7](#), [Target 9](#), [Target 10](#), [Target 12](#) and [Target 19](#).

**Indicator 1.7.1:** The number of Parties that have, are covered by, or engaged with:

- an international enforcement strategy and/or action plan;
- formal international cooperation, such as an international enforcement network;
- a national enforcement strategy and/or action plan; and
- formal national interagency cooperation, such as a national interagency enforcement committee.

|  |  |                                     |                          |                          |
|--|--|-------------------------------------|--------------------------|--------------------------|
| 1.7.1a   | Do you have, are you engaged in, or covered by:  | Yes                                 | No                       | No Information           |
|  | – an international enforcement strategy and/or action plan?                                      | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|  | – formal international cooperation, such as an international enforcement network?                | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|  | – a national enforcement strategy and/or action plan?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|  | – formal national interagency cooperation, such as a national interagency enforcement committee? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| If 'Yes' to any of the above, please specify the level of engagement and provide additional details: We participate in ROAVIS, InterPol discussions at the International and National Levels. At the National Level, we are engaged through our National Security Aparatus and Interagency |  |                                     |                          |                          |

Groups.

**Indicator 1.7.2:** The number of Parties with a process or mechanism for reviewing their enforcement strategies, and the activities taken to implement their strategies.

|        |   |   |
|--------|---|---|
| 1.7.2a | <p>Do you have a process or mechanism for reviewing your enforcement strategy(ies) and the activities taken to implement your strategy(ies)?</p> <p>If 'Yes', what do you do? There exist local/regional groupings of enforcement agencies to plan and execute enforcement activities. There is a national strategy which is reviewed periodically to evaluate execution. A review of the national strategy is pending.</p> <p>If 'Yes' or 'No, but review is under consideration', which tools do you find of value?</p> | <p>Yes <input type="checkbox"/></p> <p>No, but review is under consideration <input checked="" type="checkbox"/></p> <p>No <input type="checkbox"/></p> <p>No information <input type="checkbox"/></p>      |
| 1.7.2b | <p>Have you used the International Consortium on Combating Wildlife Crime (ICWC) Wildlife and Forest Crime Analytic Toolkit, or equivalent tools?</p> <p>If 'Yes', please provide feedback on the parts of the toolkit used and how useful the toolkit or equivalent tools have been. Please specify improvements that could be made:</p> <p>If 'No', please provide feedback on why not or what is needed to make the toolkit or equivalent tools useful to you:</p>   | <p>Yes <input type="checkbox"/></p> <p>No, but toolkit use is under consideration <input type="checkbox"/></p> <p>No <input checked="" type="checkbox"/></p> <p>No information <input type="checkbox"/></p> |

**Indicator 1.7.3:** The number of Parties that have criminal (penal) law and procedures, capacity to use forensic technology, and capacity to use specialized investigation techniques, for investigating, prosecuting, and penalizing CITES offences..

|        |   |  |
|--------|---|--|
| 1.7.3a | <p>Do you have law and procedures in place for investigating, prosecuting, and penalizing CITES offences as a crime?</p> <p>If 'Yes', please provide the title of the legislation and a summary of the penalties available: Wildlife Protection Act CAP 220, Forests Act CAP 213, Fisheries Resources Bill 2020, penalties range from \$500 and/or 6 months imprisonment to \$25,000 and/or 2 years imprisonment and possible seizure of equipment based on the courts determination.</p>   | <p>Yes <input checked="" type="checkbox"/></p> <p>No <input type="checkbox"/></p> <p>No information <input type="checkbox"/></p> |
| 1.7.3b | <p>Are criminal offences such as poaching and wildlife trafficking recognized as serious crime<sup>1</sup> in your country?</p> <p>If 'Yes', please explain what criteria must be met for poaching or wildlife trafficking offences to be treated as serious crimes: It is already determined to be a serious crime with the penalties and fines associated with the infraction. In Belize there are three laws as stated above that deal with wildlife crimes each with its sections that deal with the infraction and its penalties. A recent amendment to the Forests Act in 2017 increased penalties and fines, and the Fisheries Resources Act of 2020 imposes greater penalties and fines. The Wildlife Protection Act is weakest; however, it is expected to be revised in 2022.</p> | <p>Yes <input checked="" type="checkbox"/></p> <p>No <input type="checkbox"/></p> <p>No information <input type="checkbox"/></p> |

<sup>1</sup> The United Nations Convention against Transnational Organized Crime defines serious crime as conduct constituting an offence punishable by imprisonment for at least four years or a more serious penalty.

|        |  |   |  |   |
|--------|--|---|--|---|
| 1.7.3c | Do you have capacity to use forensic technology <sup>1</sup> to support the investigation of CITES offences?   | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> | No information <input type="checkbox"/> |
|        | <p>If 'Yes', please provide a brief summary of any samples from CITES-listed species that were collected and submitted to an appropriate forensic analysis facility (located in your country and/or another country) during the period covered in this report:</p> <p>If 'Yes', and your country has an appropriate forensic analysis facility for CITES-listed species, please indicate which species it applies to:</p>  |   |  |   |
| 1.7.3d | Did your authorities participate in or initiate any multi-disciplinary <sup>2</sup> law enforcement operation(s) targeting CITES-listed species during the period covered in this report?  | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            | No information <input type="checkbox"/> |
|        | <p>If 'Yes', please provide a brief summary, including any lessons learned which might be helpful for other Parties: We participated in various Interpol trainings held in Belize and El Salvador. This was to train on the networking capacity on the national and international tiers of Interpol, to build capacity on intelligence gathering, to establish the national and international contacts and to move towards improving the national structures that exist.</p> |   |  |   |
| 1.7.3e | Do you have a standard operating procedure among relevant agencies for submitting information related to CITES offences to INTERPOL and/or the World Customs Organization?   | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> | No information <input type="checkbox"/> |
| 1.7.3f | Do you have legislative provisions for any of the following that can be applied to the investigation, prosecution and/or sentencing of CITES offences as appropriate?  | Yes                                     | No                                     | No information                          |
|        | General crime <sup>3</sup>   | <input checked="" type="checkbox"/>     | <input type="checkbox"/>               | <input type="checkbox"/>                |
|        | Predicate offences <sup>4</sup>  | <input type="checkbox"/>                | <input type="checkbox"/>               | <input type="checkbox"/>                |
|        | Asset forfeiture <sup>5</sup>  | <input checked="" type="checkbox"/>     | <input type="checkbox"/>               | <input type="checkbox"/>                |
|        | Corruption <sup>6</sup>  | <input type="checkbox"/>                | <input type="checkbox"/>               | <input type="checkbox"/>                |
|        | International cooperation in criminal matters <sup>7</sup>   | <input type="checkbox"/>                | <input type="checkbox"/>               | <input type="checkbox"/>                |
|        | Organized crime <sup>8</sup>   | <input type="checkbox"/>                | <input type="checkbox"/>               | <input type="checkbox"/>                |
|        | Specialized investigation techniques <sup>9</sup>  | <input type="checkbox"/>                | <input type="checkbox"/>               | <input type="checkbox"/>                |
|        | <p>If 'Yes' to any of the above, please explain how each is used for CITES offences? Please provide a brief summary, including any lessons learned which might be helpful for other Parties: The Financial</p>   |   |  |   |

<sup>1</sup> Capacity to use forensic technology means the ability to collect, handle and submit samples from crime scenes involving CITES-listed species to an appropriate forensic analysis facility, located either in your country or in another country(ies).

<sup>2</sup> A multi-disciplinary law enforcement operation is one that involves officers from all relevant enforcement disciplines as appropriate, for example officers from Police, Customs and the wildlife regulatory authority. It could be either sub-national, national or international in scope.

<sup>3</sup> General crime laws relate to offences such as fraud, conspiracy, possession of weapons, and other matters as set out in the national criminal code.

<sup>4</sup> Article 2, paragraph (h) of the United Nations Convention against Transnational Organized Crime defines a predicate offence is an offence whose proceeds may become the subject of any of the money-laundering offences established under the Convention.

<sup>5</sup> Asset forfeiture is the seizure and confiscation of assets obtained from criminal activities to ensure that criminals do not benefit from the proceeds of their crimes.

<sup>6</sup> Provisions against corruption include national laws to implement the United Nations Convention against Corruption covering offences such as bribery of officials, embezzlement or misappropriation of public funds, trading in influence and abuse of functions by public officials.

<sup>7</sup> International cooperation in criminal matters includes legislation through which a formal request for mutual legal assistance and/or extradition of a person for criminal prosecution can be forwarded to another country.

<sup>8</sup> Article 2, paragraph (a) of the United Nations Convention against Transnational Organized Crime defines an organized criminal group as a structured group of three or more persons, existing for a period of time and acting in concert with the aim of committing one or more serious crimes or offences established in accordance with the Convention, in order to obtain, directly or indirectly, a financial or other material benefit.

<sup>9</sup> Specialized investigation techniques are techniques that are deployed against serious and/or organized crime when conventional law enforcement techniques fail to adequately address the activities of crime groups. Examples include controlled deliveries and covert operations.

|        |   |   |
|--------|---|---|
|        | Investigation Unit, is a legislated body which is sanctioned to investigate any instance where a crime involving fraud or laundering allegedly occurred. As CITES MA we are linked to their Unit if we need to access them for assistance in any investigation which involves CITES specific species. In a similar instance, our laws provide for prosecution of any illegal wildlife trade, we may also draw on any other Law which deals with any other level of organized crime, including illegal weapons or migration. |   |
| 1.7.3g | Do you have institutional capacity to implement the legislative provisions listed in question 1.7.3f against CITES offences?  | Yes <input type="checkbox"/><br>No <input checked="" type="checkbox"/><br>No information <input type="checkbox"/> |
|        | If 'No', please provide a brief summary of your major capacity-building needs: We possess staff who are trained in criminal code, court case preparation and prosecution; however, these are forest officers with no paralegal training. While there is no lack of interest, the capacity building needs are in developing officers into legal counsels, as we increase our penalties and fines, criminals position themselves to access trained lawyers and attorneys to challenge our untrained officers.                 |   |

Indicator 1.7.4: The number of Parties using risk assessment and intelligence to combat illegal trade in CITES-listed species.

|        |  |   |
|--------|--|---|
| 1.7.4a | Do you use risk assessment to target CITES enforcement effort?   | Always <input type="checkbox"/><br>Very often <input type="checkbox"/><br>Sometimes <input type="checkbox"/><br>Rarely <input type="checkbox"/><br>Never <input checked="" type="checkbox"/><br>No information <input type="checkbox"/> |
| 1.7.4b | Do you have capacity to analyse information gathered on illegal trade in CITES-listed species?   | Yes <input type="checkbox"/><br>No <input checked="" type="checkbox"/><br>No information <input type="checkbox"/>   |
| 1.7.4c | Do you use criminal intelligence <sup>1</sup> to inform investigations into illegal trade in CITES-listed species?                         | Always <input type="checkbox"/><br>Very often <input type="checkbox"/><br>Sometimes <input type="checkbox"/><br>Rarely <input type="checkbox"/><br>Never <input checked="" type="checkbox"/><br>No information <input type="checkbox"/> |
| 1.7.4d | Have you implemented any supply-side activities to address illegal trade in CITES-listed species during the period covered in this report? | Yes <input type="checkbox"/><br>No, but activities are under development <input type="checkbox"/><br>No <input checked="" type="checkbox"/><br>No information <input type="checkbox"/>  |
| 1.7.4e | Have you implemented any demand-side activities to address illegal trade in CITES-listed species during the period covered in this report? | Yes <input type="checkbox"/><br>No, but activities are under development <input type="checkbox"/><br>No <input checked="" type="checkbox"/><br>No information <input type="checkbox"/>  |

<sup>1</sup> Criminal intelligence is information that is compiled, analyzed and disseminated in an effort to anticipate, prevent and/or monitor criminal activity. Examples include information on potential suspects held in a secure database and inferences about the methods, capabilities and intentions of specific criminal networks or individuals that are used to support effective law enforcement action.

**Indicator 1.7.5:** The number of administrative measures, criminal prosecutions and other court actions for CITES-related offences.

| During the period covered in this report: |   | Yes                      | No                                  | No Information           |
|---|---|--------------------------|-------------------------------------|--------------------------|
| 1.7.5a                                    | Have any administrative measures (e.g. fines, bans, suspensions) been imposed for CITES-related offences?<br>If 'Yes', please indicate how many and for what types of offences. If available, please attach details:  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 1.7.5b                                    | Have there been any criminal prosecutions of CITES-related offences?<br>If 'Yes', how many and for what types of offences? If available, please attach details:   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 1.7.5c                                    | Have there been any other court actions against CITES-related offences?<br>If 'Yes', what were the offences involved and what were the results? Please attach details:  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 1.7.5d                                    | How were any confiscated specimens disposed of?<br><div> <input type="checkbox"/> Return to country of export<br/> <input type="checkbox"/> Public zoos or botanical gardens<br/> <input type="checkbox"/> Designated rescue centres<br/> <input type="checkbox"/> Approved private facilities<br/> <input type="checkbox"/> Euthanasia<br/> <input type="checkbox"/> Other (please specify): </div> Have you encountered any challenges in disposing of confiscated specimens?<br><br>Do you have good practice that you would like to share with other Parties? | Tick all that apply      |                                     |                          |

**Objective 1.8** Parties and the Secretariat have adequate capacity-building programmes in place.  
[Aichi Target 1](#), [Target 12](#) and [Target 19](#).

**Indicator 1.8.1:** The number of Parties with national and regional training programmes and information resources in place to implement CITES including the making of non-detriment findings, issuance of permits and enforcement.

|        |   |                             |   |
|--------|---|-----------------------------|---|
| 1.8.1a | Do you have information resources or training in place to support:<br>The making of non-detriment findings? <input checked="" type="checkbox"/> <input type="checkbox"/><br>Permit officers? <input type="checkbox"/> <input type="checkbox"/><br>Enforcement officers? <input type="checkbox"/> <input type="checkbox"/> |                             |   |
| 1.8.1b | Is the CITES Virtual College used as part of your capacity building work?<br><br>What improvements could be made in using the Virtual College for capacity building?  | Yes<br>No<br>No information | <input type="checkbox"/><br><input checked="" type="checkbox"/><br><input type="checkbox"/> |
| 1.8.1c | Is the ICCWC Wildlife and Forest Crime Toolkit used in the development of capacity-building programmes, or does it form part of the curriculum of such programmes?<br>What improvements could be made in using the ICCWC Toolkit for capacity building?   | Yes<br>No<br>No information | <input type="checkbox"/><br><input checked="" type="checkbox"/><br><input type="checkbox"/> |

## **GOAL 2 SECURE THE NECESSARY FINANCIAL RESOURCES AND MEANS FOR THE OPERATION AND IMPLEMENTATION OF THE CONVENTION**

**Objective 2.1** Financial resources are sufficient to ensure operation of the Convention.

Information to be provided through records held by the Secretariat on financial management of the Convention.

**Objective 2.2** Sufficient resources are secured at the national and international levels to ensure compliance with and implementation and enforcement of the Convention.  
[Aichi Target 1](#), [Target 2](#), [Target 3](#), [Target 12](#), [Target 19](#) and [Target 20](#).

**Indicator 2.2.1:** The number of Parties with dedicated staff and funding for Management Authorities, Scientific Authorities and wildlife trade enforcement agencies.

|                            |  |                          |     |    |                            |                          |                          |                    |                          |                          |                         |                          |                          |  |
|----------------------------|--|--------------------------|-----|----|----------------------------|--------------------------|--------------------------|--------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--|
| 2.2.1a                     | <p>Do you have an approved service standard(s)<sup>1</sup> for your Management Authority(ies)?</p> <p>Yes <input type="checkbox"/><br/>No <input checked="" type="checkbox"/></p> <p>If 'No', please go to Question 2.2.1d.</p> <p>If 'Yes', for which services are there standards, and what are those standards?</p> <p>If 'Yes', do you have performance targets for these standards<sup>2</sup>? Yes <input type="checkbox"/><br/>No <input type="checkbox"/></p> <p>If 'Yes', what are your performance targets?</p> <p>Do you publish your performance against service standard targets? Yes <input type="checkbox"/><br/>No <input type="checkbox"/></p> <p>If possible, please provide your performance against service standards during the period covered in this report:</p> <p>If you did not meet your performance targets then was this shortfall a result of:</p> <table> <tr> <td></td><td>Yes</td><td>No</td></tr> <tr> <td>– availability of funding?</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr> <td>– number of staff?</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr> <td>– a shortage of skills?</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> </table> <p>If 'Yes' to a shortage of skills, which skills do you need more of?</p> |                          | Yes | No | – availability of funding? | <input type="checkbox"/> | <input type="checkbox"/> | – number of staff? | <input type="checkbox"/> | <input type="checkbox"/> | – a shortage of skills? | <input type="checkbox"/> | <input type="checkbox"/> |  |
|                            | Yes  | No                       |     |    |                            |                          |                          |                    |                          |                          |                         |                          |                          |  |
| – availability of funding? | <input type="checkbox"/>   | <input type="checkbox"/> |     |    |                            |                          |                          |                    |                          |                          |                         |                          |                          |  |
| – number of staff?         | <input type="checkbox"/>   | <input type="checkbox"/> |     |    |                            |                          |                          |                    |                          |                          |                         |                          |                          |  |
| – a shortage of skills?    | <input type="checkbox"/>   | <input type="checkbox"/> |     |    |                            |                          |                          |                    |                          |                          |                         |                          |                          |  |
| 2.2.1b                     | <p>Do you have an approved service standard(s)<sup>47</sup> for your Scientific Authority(ies)?</p> <p>Yes <input type="checkbox"/><br/>No <input type="checkbox"/></p> <p>If 'No', please go to Question 2.2.1d.</p> <p>If 'Yes', for which services are there standards, and what are those standards?</p> <p>If 'Yes', do you have performance targets for these standards<sup>48</sup>? Yes <input type="checkbox"/><br/>No <input type="checkbox"/></p> <p>If 'Yes', what are your performance targets?</p> <p>If possible, please provide your performance against service standards during the period covered in this report:</p> <p>If you did not meet your performance targets then was this shortfall a result of:</p> <table> <tr> <td></td><td>Yes</td><td>No</td></tr> <tr> <td>– availability of funding?</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr> <td>– number of staff?</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr> <td>– a shortage of skills?</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> </table> <p>If 'Yes' to a shortage of skills, which skills do you need more of?</p>  |                          | Yes | No | – availability of funding? | <input type="checkbox"/> | <input type="checkbox"/> | – number of staff? | <input type="checkbox"/> | <input type="checkbox"/> | – a shortage of skills? | <input type="checkbox"/> | <input type="checkbox"/> |  |
|                            | Yes  | No                       |     |    |                            |                          |                          |                    |                          |                          |                         |                          |                          |  |
| – availability of funding? | <input type="checkbox"/>   | <input type="checkbox"/> |     |    |                            |                          |                          |                    |                          |                          |                         |                          |                          |  |
| – number of staff?         | <input type="checkbox"/>   | <input type="checkbox"/> |     |    |                            |                          |                          |                    |                          |                          |                         |                          |                          |  |
| – a shortage of skills?    | <input type="checkbox"/>   | <input type="checkbox"/> |     |    |                            |                          |                          |                    |                          |                          |                         |                          |                          |  |
| 2.2.1c                     | <p>Do you have an approved service standard(s)<sup>47</sup> for your enforcement authority(ies)?</p> <p>Yes <input type="checkbox"/><br/>No <input type="checkbox"/></p> <p>If 'No', please go to Question 2.2.1d.</p> <p>If 'Yes', for which services are there standards, and what are those standards?</p>  |                          |     |    |                            |                          |                          |                    |                          |                          |                         |                          |                          |  |

<sup>1</sup> For example, a time frame in which you are required to provide a response on a decision to issue or not issue a permit, certificate, or re-export certificate.

<sup>2</sup> For example, 85% of all decisions will take place within the service standard.

|                            | <p>If 'Yes', do you have performance targets for these standards<sup>48</sup>? Yes <input type="checkbox"/></p> <p>If 'Yes', what are your performance targets? No <input type="checkbox"/></p> <p>If possible, please provide your performance against service standards during the period covered in this report:</p> <p>If you did not meet your performance targets then was this shortfall a result of:</p> <table border="0"> <tr> <td></td> <td>Yes</td> <td>No</td> </tr> <tr> <td>– availability of funding?</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>– number of staff?</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>– a shortage of skills?</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> <p>If 'Yes' to a shortage of skills, which skills do you need more of?</p>  |   | Yes   | No                        | – availability of funding? | <input type="checkbox"/> | <input type="checkbox"/>  | – number of staff?  | <input type="checkbox"/>  | <input type="checkbox"/> | – a shortage of skills?   | <input type="checkbox"/>  | <input type="checkbox"/>  |         |   |   |   |
|----------------------------|--|---|---|---------------------------|----------------------------|--------------------------|---|---|---|--------------------------|---|---|---|---------|---|---|---|
|                            | Yes  | No  |   |                           |                            |                          |   |   |   |                          |   |   |   |         |   |   |   |
| – availability of funding? | <input type="checkbox"/>   | <input type="checkbox"/>  |   |                           |                            |                          |   |   |   |                          |   |   |   |         |   |   |   |
| – number of staff?         | <input type="checkbox"/>   | <input type="checkbox"/>  |   |                           |                            |                          |   |   |   |                          |   |   |   |         |   |   |   |
| – a shortage of skills?    | <input type="checkbox"/>   | <input type="checkbox"/>  |   |                           |                            |                          |   |   |   |                          |   |   |   |         |   |   |   |
| 2.2.1d                     | <p>Please only complete this question if you answered 'No' to the first part of question 2.2.1a, 2.2.1b, or 2.2.1c, relating to the existence of approved service standards for your authorities:</p> <p>Do you have sufficient of the following for your authorities to function effectively?</p> <table border="1"> <thead> <tr> <th></th> <th>Management Authority(ies)</th> <th>Scientific Authority(ies)</th> <th>Enforcement Authority(ies)</th> </tr> </thead> <tbody> <tr> <td>Funding?</td> <td>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></td> <td>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></td> <td>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></td> </tr> <tr> <td>Staff?</td> <td>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></td> <td>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></td> <td>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></td> </tr> <tr> <td>Skills?</td> <td>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></td> <td>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></td> <td>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></td> </tr> </tbody> </table> |   | Management Authority(ies)   | Scientific Authority(ies) | Enforcement Authority(ies) | Funding?                 | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Staff?                   | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Skills? | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
|                            | Management Authority(ies)  | Scientific Authority(ies)   | Enforcement Authority(ies)  |                           |                            |                          |   |   |   |                          |   |   |   |         |   |   |   |
| Funding?                   | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>  | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |                           |                            |                          |   |   |   |                          |   |   |   |         |   |   |   |
| Staff?                     | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>  | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |                           |                            |                          |   |   |   |                          |   |   |   |         |   |   |   |
| Skills?                    | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |                           |                            |                          |   |   |   |                          |   |   |   |         |   |   |   |

**Indicator 2.2.2:** The number of Parties that have undertaken one or more of the following activities:

- changed the budget for activities;
- hired more staff;
- developed implementation tools;
- purchased technical equipment for implementation, monitoring or enforcement.

|        |  |                          |                                     |  |
|--------|--|--------------------------|-------------------------------------|--|
| 2.2.2a | <p>Have any of the following activities been undertaken during the period covered in this report to enhance the effectiveness of CITES implementation at the national level? Tick if applicable</p> <p>Hiring of more staff <input type="checkbox"/></p> <p>Development of implementation tools <input checked="" type="checkbox"/></p> <p>Purchase of technical equipment for implementation, monitoring or enforcement <input checked="" type="checkbox"/></p> <p>Other (please specify): We have been working with WCS on developing a database for the implementation of the Xylotron in Belize.</p> |                          |                                     |  |
| 2.2.2b | During the period covered in this report, was the budget for your:   | Increased                | Stable                              | Decreased  |
|        | Management Authority(ies)  | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> there is no assigned budget for MA, SA or EAs |
|        | Scientific Authority(ies)  | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>   |
|        | Enforcement authorities  | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>   |
| 2.2.2c | Have you been able to use international development funding assistance to increase the level of implementation of your   | Yes                      | No                                  | Not applicable   |
|        | Management Authority(ies)?   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>   |
|        | Scientific Authority(ies)?   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>   |
|        | Enforcement authorities?   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>   |

|        |  |                                     |                                     |                                     |                          |
|--------|--|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|
| 2.2.2d | What is the respective level of priority for enhancing the effectiveness of CITES implementation at the national level through the following activities? |                                     |                                     |                                     |                          |
|        | Activity   | High                                | Medium                              | Low                                 | Not a Priority           |
|        | Hiring of more staff   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
|        | Development of implementation tools  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
|        | Purchase of new technical equipment for implementation, monitoring or enforcement  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
|        | e-permitting   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
|        | Other (please specify):  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 2.2.2e | Do you have a operational system (e.g. electronic database) for managing   |                                     | Yes                                 | Under development                   | No                       |
|        | Species information  |                                     | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|        | Trade information  |                                     | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
|        | Non-detriment findings   |                                     | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Indicator 2.2.3: The number of Parties raising funds for CITES implementation through user fees or other mechanisms.

|   |   |                              |                             |  |     |    |   |                          |                          |   |                          |                          |   |                          |                          |   |  |  |   |                          |                          |   |  |  |
|---|---|------------------------------|-----------------------------|--|-----|----|---|--------------------------|--------------------------|---|--------------------------|--------------------------|---|--------------------------|--------------------------|---|--|--|---|--------------------------|--------------------------|---|--|--|
| 2.2.3a  | Does the Management Authority charge fees for:  | Tick all that are applicable |                             |  |     |    |   |                          |                          |   |                          |                          |   |                          |                          |   |  |  |   |                          |                          |   |  |  |
|   | – Administrative procedures   | <input type="checkbox"/>     |                             |  |     |    |   |                          |                          |   |                          |                          |   |                          |                          |   |  |  |   |                          |                          |   |  |  |
|   | – Issuance of CITES documents (e.g. for import, exports, re-export, or introduction from the sea)   | <input type="checkbox"/>     |                             |  |     |    |   |                          |                          |   |                          |                          |   |                          |                          |   |  |  |   |                          |                          |   |  |  |
|   | – Shipment clearance (e.g. for the import, export, re-export, or introduction from the sea of CITES-listed species)   | <input type="checkbox"/>     |                             |  |     |    |   |                          |                          |   |                          |                          |   |                          |                          |   |  |  |   |                          |                          |   |  |  |
|   | – Licensing or registration of operations that produce CITES species  | <input type="checkbox"/>     |                             |  |     |    |   |                          |                          |   |                          |                          |   |                          |                          |   |  |  |   |                          |                          |   |  |  |
|   | – Harvesting of CITES-listed species  | <input type="checkbox"/>     |                             |  |     |    |   |                          |                          |   |                          |                          |   |                          |                          |   |  |  |   |                          |                          |   |  |  |
|   | – Use of CITES-listed species   | <input type="checkbox"/>     |                             |  |     |    |   |                          |                          |   |                          |                          |   |                          |                          |   |  |  |   |                          |                          |   |  |  |
|   | – Assignment of quotas for CITES-listed species   | <input type="checkbox"/>     |                             |  |     |    |   |                          |                          |   |                          |                          |   |                          |                          |   |  |  |   |                          |                          |   |  |  |
|   | – Other (please specify):   | <input type="checkbox"/>     |                             |  |     |    |   |                          |                          |   |                          |                          |   |                          |                          |   |  |  |   |                          |                          |   |  |  |
| 2.2.3b  | Is a fee schedule publicly available?   | Yes <input type="checkbox"/> | No <input type="checkbox"/> |  |     |    |   |                          |                          |   |                          |                          |   |                          |                          |   |  |  |   |                          |                          |   |  |  |
|   | If 'Yes', please provide an internet link, or a copy of the schedule to the Secretariat:  |                              |                             |  |     |    |   |                          |                          |   |                          |                          |   |                          |                          |   |  |  |   |                          |                          |   |  |  |
| 2.2.3c  | Have revenues from fees been used for the implementation of CITES or wildlife conservation?   |                              |                             |  |     |    |   |                          |                          |   |                          |                          |   |                          |                          |   |  |  |   |                          |                          |   |  |  |
|   | Entirely  | <input type="checkbox"/>     |                             |  |     |    |   |                          |                          |   |                          |                          |   |                          |                          |   |  |  |   |                          |                          |   |  |  |
|   | Partly  | <input type="checkbox"/>     |                             |  |     |    |   |                          |                          |   |                          |                          |   |                          |                          |   |  |  |   |                          |                          |   |  |  |
|   | Not at all  | <input type="checkbox"/>     |                             |  |     |    |   |                          |                          |   |                          |                          |   |                          |                          |   |  |  |   |                          |                          |   |  |  |
|   | Not relevant  | <input type="checkbox"/>     |                             |  |     |    |   |                          |                          |   |                          |                          |   |                          |                          |   |  |  |   |                          |                          |   |  |  |
| 2.2.3d  | <table border="0"> <tr> <td></td> <td>Yes</td> <td>No</td> </tr> <tr> <td>Do you raise funds for CITES management through charging user fees?</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Do your fees recover the full economic cost of issuing permits?</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Do you have case studies on charging or using fees?</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td colspan="3">If 'Yes' to any of the above, please provide brief details:</td> </tr> <tr> <td>Do you use innovative financial mechanisms to raise funds for CITES implementation?</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td colspan="3">If 'Yes', please provide brief details:</td> </tr> </table> |                              |                             |  | Yes | No | Do you raise funds for CITES management through charging user fees? | <input type="checkbox"/> | <input type="checkbox"/> | Do your fees recover the full economic cost of issuing permits? | <input type="checkbox"/> | <input type="checkbox"/> | Do you have case studies on charging or using fees? | <input type="checkbox"/> | <input type="checkbox"/> | If 'Yes' to any of the above, please provide brief details: |  |  | Do you use innovative financial mechanisms to raise funds for CITES implementation? | <input type="checkbox"/> | <input type="checkbox"/> | If 'Yes', please provide brief details: |  |  |
|   | Yes   | No                           |                             |  |     |    |   |                          |                          |   |                          |                          |   |                          |                          |   |  |  |   |                          |                          |   |  |  |
| Do you raise funds for CITES management through charging user fees?                 | <input type="checkbox"/>  | <input type="checkbox"/>     |                             |  |     |    |   |                          |                          |   |                          |                          |   |                          |                          |   |  |  |   |                          |                          |   |  |  |
| Do your fees recover the full economic cost of issuing permits?                     | <input type="checkbox"/>  | <input type="checkbox"/>     |                             |  |     |    |   |                          |                          |   |                          |                          |   |                          |                          |   |  |  |   |                          |                          |   |  |  |
| Do you have case studies on charging or using fees?                                 | <input type="checkbox"/>  | <input type="checkbox"/>     |                             |  |     |    |   |                          |                          |   |                          |                          |   |                          |                          |   |  |  |   |                          |                          |   |  |  |
| If 'Yes' to any of the above, please provide brief details:                         |   |                              |                             |  |     |    |   |                          |                          |   |                          |                          |   |                          |                          |   |  |  |   |                          |                          |   |  |  |
| Do you use innovative financial mechanisms to raise funds for CITES implementation? | <input type="checkbox"/>  | <input type="checkbox"/>     |                             |  |     |    |   |                          |                          |   |                          |                          |   |                          |                          |   |  |  |   |                          |                          |   |  |  |
| If 'Yes', please provide brief details:   |   |                              |                             |  |     |    |   |                          |                          |   |                          |                          |   |                          |                          |   |  |  |   |                          |                          |   |  |  |

Indicator 2.2.4: The number of Parties using incentive measures as part of their implementation of the Convention.

|        |   |
|--------|---|
| 2.2.4a | <p>Do you use incentive measures<sup>1</sup> such as those described in <a href="#">CoP14 Doc 14.32</a> to implement the Convention?</p> <p style="text-align: right;">YesNo</p> <p>Due diligence <input type="checkbox"/> <input type="checkbox"/></p> <p>Compensatory mechanisms <input type="checkbox"/> <input type="checkbox"/></p> <p>Certification <input type="checkbox"/> <input type="checkbox"/></p> <p>Communal property rights <input type="checkbox"/> <input type="checkbox"/></p> <p>Auctioning of quotas <input type="checkbox"/> <input type="checkbox"/></p> <p>Cost recovery or environmental charges <input type="checkbox"/> <input type="checkbox"/></p> <p>Enforcement incentives <input type="checkbox"/> <input type="checkbox"/></p> <p>If 'Yes' to any of the above, or if you use other measures, please provide a summary or link to further information:</p> |
| 2.2.4b | <p>Have incentives harmful to biodiversity been eliminated? Not at all <input type="checkbox"/></p> <p style="padding-left: 100px;">Very little <input type="checkbox"/></p> <p style="padding-left: 100px;">Somewhat <input type="checkbox"/></p> <p style="padding-left: 100px;">Completely <input type="checkbox"/></p>  |

<sup>1</sup> Defined as 'Social and economic incentives that promote and regulate sustainable management of and responsible trade in, wild flora and fauna and promote effective enforcement of the Convention'. The intent of such measures is not to promote wildlife trade as such, but rather to ensure that any wildlife trade undertaken is conducted in a sustainable manner.

**Objective 2.3** Sufficient resources are secured at the national and international levels to implement capacity-building programmes.  
Aichi Target 12, Target 19 and Target 20.

**Indicator 2.3.1:** The number of capacity building activities mandated by Resolutions and Decisions that are fully funded.

|  |   |   |  |
|--|---|---|--|
| 2.3.1a   | How many training and capacity building activities <sup>1</sup> have you run during the period covered in this report?              | Without assistance from the Secretariat | Conducted or assisted by the Secretariat |
|  | None  | <input type="checkbox"/>                | <input type="checkbox"/>                 |
|  | 1   | <input type="checkbox"/>                | <input type="checkbox"/>                 |
|  | 2-5   | <input type="checkbox"/>                | <input type="checkbox"/>                 |
|  | 6-10  | <input type="checkbox"/>                | <input checked="" type="checkbox"/>      |
|  | 11-20   | <input type="checkbox"/>                | <input type="checkbox"/>                 |
|  | More than 20  | <input type="checkbox"/>                | <input type="checkbox"/>                 |
| Please list the Resolutions or Decisions involved: Resolution 16.7 |   |   |  |
| 2.3.1b   | What sorts of capacity building activities have taken place? Implementation of the Management Tools to ensure NDFs are implemented. |   |  |
| 2.3.1c   | What capacity building needs do you have?   |   |  |
|  | Please tick all boxes which apply to indicate which target group and which activity.  |   |  |
|  | Target group  | Oral or written advice/guidance         | Technical assistance                     |
|  |   | Financial assistance                    | Training                                 |
|  |   |   | Other (specify)                          |
|  | Staff of Management Authority   | <input checked="" type="checkbox"/>     | <input checked="" type="checkbox"/>      |
|  | Staff of Scientific Authority   | <input type="checkbox"/>                | <input checked="" type="checkbox"/>      |
|  | Staff of enforcement authorities  | <input checked="" type="checkbox"/>     | <input checked="" type="checkbox"/>      |
|  | Traders / other user groups   | <input type="checkbox"/>                | <input checked="" type="checkbox"/>      |
|  | NGOs  | <input type="checkbox"/>                | <input checked="" type="checkbox"/>      |
|  | Public  | <input checked="" type="checkbox"/>     | <input type="checkbox"/>                 |
|  | Other (please specify)  | <input type="checkbox"/>                | <input type="checkbox"/>                 |

<sup>1</sup> An activity might be a single day training e.g. for a group of staff from the Management Authority, or a longer course / project undertaken by an individual.

**GOAL 3 CONTRIBUTE TO SIGNIFICANTLY REDUCING THE RATE OF BIODIVERSITY LOSS AND TO ACHIEVING RELEVANT GLOBALLY-AGREED GOALS AND TARGETS BY ENSURING THAT CITES AND OTHER MULTILATERAL INSTRUMENTS AND PROCESSES ARE COHERENT AND MUTUALLY SUPPORTIVE**

**Objective 3.1** Cooperation between CITES and international financial mechanisms and other related institutions is enhanced in order to support CITES-related conservation and sustainable development projects, without diminishing funding for currently prioritized activities.  
[Aichi Target 2 and Target 20.](#)

**Indicator 3.1.1:** The number of Parties funded by international financial mechanisms and other related institutions to develop activities that include CITES-related conservation and sustainable development elements.

|        |   |   |  |   |   |
|--------|---|---|--|---|---|
| 3.1.1a | Has funding from international financial mechanisms and other related institutions been used to develop activities that include CITES-related conservation and sustainable development elements?  | Yes <input checked="" type="checkbox"/>       | No <input type="checkbox"/>              | Not applicable <input type="checkbox"/> | No information <input type="checkbox"/> |
|        | If 'Yes', please provide brief details: We have accessed funds to cover CITES related elements from KfW, GIZ, IUCN, GEF, World Bank which have focused on the Selva Maya Region and Key Biodiversity Areas including Protected Areas in Belize. |   |  |   |   |
| 3.1.1b | During the period covered in this report, has funding for your country from international funding mechanisms and other related institutions:  | Increased <input checked="" type="checkbox"/> | Remained stable <input type="checkbox"/> | Decreased <input type="checkbox"/>      |   |
|        |   |   |  |   |   |
|        |   |   |  |   |   |

**Indicator 3.1.2:** The number of countries and institutions that have provided additional funding from CITES Authorities to another country or activity for conservation and sustainable development projects in order to further the objectives of the Convention.

|        |   |                                 |                                 |                          |                          |                          |                              |  |   |
|--------|---|---------------------------------|---------------------------------|--------------------------|--------------------------|--------------------------|------------------------------|--|---|
| 3.1.2a | Have you provided technical or financial assistance to another country or countries in relation to CITES? |                                 |                                 |                          |                          |                          | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/>                         | No information <input type="checkbox"/> |
|        | If 'Yes', please tick boxes to indicate type of assistance provided                                       |                                 |                                 |                          |                          |                          |                              |  |   |
|        | Country(ies)  | Species Management <sup>1</sup> | Habitat Management <sup>2</sup> | Sustainable use          | Law Enforcement          | Livelihoods              | Other (specify)              | Details (provide more information in an Appendix if necessary) |   |
|        |   | <input type="checkbox"/>        | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>     |  |   |
|        |   | <input type="checkbox"/>        | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>     |  |   |
|        |   | <input type="checkbox"/>        | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>     |  |   |
|        |   | <input type="checkbox"/>        | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>     |  |   |
|        |   | <input type="checkbox"/>        | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>     |  |   |

<sup>1</sup> Use species conservation column for work directly related to species – e.g. population surveys, education programmes, conflict resolution, etc.

<sup>2</sup> Use habitat conservation column for work that will indirectly support species conservation – e.g. habitat management, development of policy frameworks for how land is managed, etc.

**Objective 3.2** Awareness of the role and purpose of CITES is increased globally.  
Aichi Target 1, Target 4, Target 12 and Target 18.

**Indicator 3.2.1:** The number of Parties that have been involved in CITES awareness raising activities to bring about better awareness by the wider public and relevant user groups of the Convention requirements.

|        |  |                          |                                     |
|--------|--|--------------------------|-------------------------------------|
| 3.2.1a | Have CITES authorities been involved in any of the following activities to bring about better awareness of the Convention's requirements by the wider public and relevant user groups? |                          |                                     |
|        | – Press conferences  | <input type="checkbox"/> | <input type="checkbox"/>            |
|        | – Press releases   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|        | – Newspaper articles, brochures, leaflets  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|        | – Television appearances   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|        | – Radio appearances  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|        | – Presentations  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|        | – Public consultations / meetings  | <input type="checkbox"/> | <input type="checkbox"/>            |
|        | – Market surveys   | <input type="checkbox"/> | <input type="checkbox"/>            |
|        | – Displays   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|        | – Information at border crossing points  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|        | – Telephone hotline  | <input type="checkbox"/> | <input type="checkbox"/>            |
|        | – Website(s) – if so please provide link(s)  | <input type="checkbox"/> | <input type="checkbox"/>            |
|        | – Other (specify): facebook.com/fdbelize   | <input type="checkbox"/> | <input type="checkbox"/>            |
|        | Please attach copies of any items or describe examples:  |                          |                                     |

**Indicator 3.2.2:** The number of visits to the CITES website.

|        |   |                                     |                          |                                     |                          |                          |
|--------|---|-------------------------------------|--------------------------|-------------------------------------|--------------------------|--------------------------|
| 3.2.2a | How regularly do your Authorities consult the CITES website?  |                                     |                          |                                     |                          |                          |
|        | Please tick boxes to indicate the most frequent usage (decide on an average amongst staff if necessary).  |                                     |                          |                                     |                          |                          |
|        | Target group  | Daily                               | Weekly                   | Monthly                             | Less frequently          | Not known                |
|        | Staff of Management Authority   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|        | Staff of Scientific Authority   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|        | Staff of enforcement authorities  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3.2.2b | What has been your experience with using the CITES website?   | Excellent                           | <input type="checkbox"/> |                                     |                          |                          |
|        | Good  | <input checked="" type="checkbox"/> |                          |                                     |                          |                          |
|        | Average   | <input type="checkbox"/>            |                          |                                     |                          |                          |
|        | Poor  | <input type="checkbox"/>            |                          |                                     |                          |                          |
|        | Very Poor   | <input type="checkbox"/>            |                          |                                     |                          |                          |
|        | No information  | <input type="checkbox"/>            |                          |                                     |                          |                          |
|        | Any further comments on the CITES Website? (e.g. useful aspects, any difficulties encountered, which authorities find which functions/tools most useful, what is missing, etc): |                                     |                          |                                     |                          |                          |

**Indicator 3.2.3:** The number of Parties with web pages on CITES and its requirements.

A question relating to this indicator is within question 3.2.1a.

**Objective 3.3** Cooperation with relevant international environmental, trade and development organizations is enhanced.

**Indicator 3.3.1** The number of Parties which report that they have achieved synergies in their implementation of CITES, other biodiversity-related conventions and other relevant multilateral environmental, trade and development agreements.

|        |   |                |                                     |
|--------|---|----------------|-------------------------------------|
| 3.3.1a | Have measures been taken to achieve coordination and reduce duplication of activities between the national CITES authorities and national focal points for other multilateral environmental agreements (e.g. the other biodiversity-related conventions: CBD, CMS, ITPGR, Ramsar, WHC) <sup>1</sup> to which your country is party?<br><br>If 'Yes', please give a brief description: | Yes            | <input type="checkbox"/>            |
|        |   | No             | <input checked="" type="checkbox"/> |
|        |   | No information | <input type="checkbox"/>            |
|        |   |                |                                     |

**Indicator 3.3.2:** The number of biodiversity conservation or sustainable use projects, trade and development goals, or scientific and technical programmes that integrate CITES requirements.

|        |  |                                     |                          |
|--------|--|-------------------------------------|--------------------------|
| 3.3.2a | How many international projects which integrate CITES issues has your country contributed towards?                       | 1                                   |                          |
| 3.3.2b | In addition to 3.2.2a, how many national level projects has your country implemented which integrate CITES issues?       | 4                                   |                          |
| 3.3.2c | Have there been any efforts at a national scale for your CITES Management or Scientific Authorities to collaborate with: | Yes                                 | No                       |
|        | Agencies for development?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|        | Agencies for trade?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|        | Provincial, state or territorial authorities?  | <input type="checkbox"/>            | <input type="checkbox"/> |
|        | Local authorities or communities?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|        | Indigenous or local peoples?   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|        | Trade or other private sector associations?  | <input type="checkbox"/>            | <input type="checkbox"/> |
|        | NGOs?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|        | Other (please specify)   | <input type="checkbox"/>            | <input type="checkbox"/> |
| 3.3.2d | Are CITES requirements integrated into?  | Yes                                 | No                       |
|        | National and local development strategies?   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|        | National and local poverty reduction strategies?   | <input type="checkbox"/>            | <input type="checkbox"/> |
|        | Planning processes?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|        | National accounting?   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

<sup>1</sup> CBD = Convention on Biological Diversity; CMS = Convention on the Conservation of Migratory Species of Wild Animals, ITPGR = International Treaty on Plant Genetic Resources for Food and Agriculture, Ramsar = The Convention on Wetlands of International Importance, WHC = World Heritage Convention.

**Indicator 3.3.3:** The number of Parties cooperating / collaborating with intergovernmental and non-governmental organizations to participate in and/or fund CITES workshops and other training and capacity-building activities.

|        |  |                                     |                                       |
|--------|--|-------------------------------------|---------------------------------------|
| 3.3.3a | Has funding been provided or received to facilitate CITES workshops, training or other capacity building activities to / from: | Tick if applicable                  | Which organizations?                  |
|        | Inter-governmental organizations?  | <input checked="" type="checkbox"/> | From USFWS through WCS and Local NGOs |
|        | Non-governmental organizations?  | <input type="checkbox"/>            |                                       |

**Objective 3.4** The contribution of CITES to the relevant Millennium Development Goals, the sustainable development goals set at WSSD, the *Strategic Plan for Biodiversity 2011-2020* and the relevant *Aichi Biodiversity Targets*, and the relevant outcomes of the United Nations Conference on Sustainable Development is strengthened by ensuring that international trade in wild fauna and flora is conducted at sustainable levels.

This objective may also be assessed by a variety of means beyond the reporting format, including action taken to implement many of the CITES resolutions and decisions.

[Aichi Target 1](#), [Target 2](#), [Target 3](#), [Target 4](#), [Target 5](#), [Target 6](#), [Target 7](#), [Target 12](#), [Target 14](#), [Target 17](#), [Target 18](#) and [Target 19](#).

**Indicator 3.4.1:** The conservation status of species listed on the CITES Appendices has stabilized or improved.

|        |   |                                      |                                     |                                     |
|--------|---|--------------------------------------|-------------------------------------|-------------------------------------|
| 3.4.1a | Do you have data which shows that the conservation status of naturally occurring species in your country listed on the CITES Appendices has stabilized or improved? |                                      |                                     |                                     |
|        |   | Yes                                  | No                                  | Not Applicable                      |
|        | Appendix I  | <input type="checkbox"/>             | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
|        | Appendix II   | <input type="checkbox"/>             | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
|        | Appendix III  | <input type="checkbox"/>             | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
|        | If there are such studies that you are willing to share, please provide:  |                                      |                                     |                                     |
|        | Species name (scientific)   | Link to the data, or a brief summary |                                     |                                     |
| 3.4.1b | Do you have examples of specific examples of success stories or emerging problems with any CITES listed species?  |                                      | Yes                                 | <input type="checkbox"/>            |
|        |   |                                      | No                                  | <input checked="" type="checkbox"/> |
|        |   |                                      | No information                      | <input type="checkbox"/>            |
|        | If 'Yes', please provide details:   |                                      |                                     |                                     |

**Indicator 3.4.2:** The number of Parties incorporating CITES into their National Biodiversity Strategy and Action Plan (NBSAP).

|        |  |                |                                     |
|--------|--|----------------|-------------------------------------|
| 3.4.2a | Has CITES been incorporated into your country's National Biodiversity Strategy and Action Plan (NBSAP)?  | Yes            | <input checked="" type="checkbox"/> |
|        |  | No             | <input type="checkbox"/>            |
|        |  | No information | <input type="checkbox"/>            |
| 3.4.2b | Have you been able to obtain funds from the Global Environment Facility (GEF) or other sources to support CITES aspects of NBSAP implementation? | Yes            | <input checked="" type="checkbox"/> |
|        |  | No             | <input type="checkbox"/>            |
|        |  | No information | <input type="checkbox"/>            |

**Objective 3.5** Parties and the Secretariat cooperate with other relevant international organizations and agreements dealing with natural resources, as appropriate, in order to achieve a coherent and collaborative approach to species which can be endangered by unsustainable trade, including those which are commercially exploited.  
[Aichi Target 2](#), [Target 4](#), [Target 5](#), [Target 6](#), [Target 7](#), [Target 10](#), [Target 12](#), [Target 14](#) and [Target 19](#).

**Indicator 3.5.1:** The number of cooperative actions taken under established bilateral or multilateral agreements to prevent species from being unsustainably exploited through international trade.

|        |   |                |                                     |
|--------|---|----------------|-------------------------------------|
| 3.5.1a | Has your country taken action under established bilateral or multilateral agreements other than CITES to prevent species from being unsustainably exploited through international trade?<br>If 'Yes', please provide details: For Marine species, through OSPESCA | Yes            | <input checked="" type="checkbox"/> |
|        |   | No             | <input type="checkbox"/>            |
|        |   | No information | <input type="checkbox"/>            |
|        |   |                |                                     |

**Indicator 3.5.2:** The number of times other relevant international organizations and agreements dealing with natural resources are consulted on issues relevant to species subject to unsustainable trade.

| 3.5.2a | Average number of times per year that international organizations or agreements have been consulted by CITES Authorities | Once                     | 2-5 times                           | 6-20 times               | More than 20 times       | No consultation          | Optional comment about which organizations and issues consulted on |
|--------|--|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--|
|        | Management Authority(ies)  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  |
|        | Scientific Authority(ies)  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  |
|        | Enforcement Authority(ies)   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  |

### General feedback

Please provide any additional comments you would like to make, including comments on this format.

| Item   |                     |                                     |
|--|---------------------|-------------------------------------|
| Copy of full text of CITES-relevant legislation if changed   | Enclosed            | <input checked="" type="checkbox"/> |
| Web link(s)  | Not available       | <input type="checkbox"/>            |
|  | Previously provided | <input type="checkbox"/>            |
| Please list any materials annexed to the report, e.g. fee schedules, awareness raising materials, etc:             |                     |                                     |
| Have any constraints to implementation of the Convention arisen in your country requiring attention or assistance? | Yes                 | <input type="checkbox"/>            |
|  | No                  | <input checked="" type="checkbox"/> |
|  | No Information      | <input type="checkbox"/>            |
| If 'Yes', please describe the constraint and the type of attention or assistance that is required.                 |                     |                                     |
| Are there examples of good practice you would like to share with other Parties?                                    | Yes                 | <input type="checkbox"/>            |
|  | No                  | <input checked="" type="checkbox"/> |
|  | No Information      | <input type="checkbox"/>            |
| If 'Yes' please provide details / links:   |                     |                                     |
| How could this report format be improved?  |                     |                                     |

Thank you for completing the report. Please remember to include relevant attachments referred to in the report when it is submitted to the Secretariat.

## **Sustainable Forest Management Plan Framework (for Forest Reserves) - Belize**

### **Belize, Selva Maya Natural Resources Protection Project (KfW/IUCN): Development of a Management Plan Framework for Forest Reserves in Belize**

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Final Report Draft prepared by Susan Otuokon, Ph.D., 4<sup>th</sup> July, 2019  
Under Contract with PACT: SMP/SER/008  
PROJECT ID NUMBER: P01889-BZ/CS-1

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### Abbreviations

|      |  |
|------|--|
| APO  | - Annual Plan of Operations                          |
| FD   | - Forest Department                                  |
| FSC  | - Forest Stewardship Council                         |
| IUCN | - International Union for the Conservation of Nature |
| ITTO | - International Tropical Timber Organisation         |
| KfW  | - German Development Bank                            |
| PACT | - Protected Areas Conservation Trust                 |
| SMP  | - Selva Maya Project/Programme                       |
| SFMP | - Sustainable Forest Management Plan                 |

## **Sustainable Forest Management Plan Framework (for Forest Reserves) - Belize**

### **Introduction**

The policies and legislation regarding the forests and trees of Belize seek to protect these resources as part of the natural heritage of the country in perpetuity whilst using the resources sustainably to provide for socio-economic benefits at the national and local levels. Forest Reserves comprise about 18% of the National Protected Area System and whilst the focus has been on sustainable harvesting of economically valuable timber species, the ultimate goal is the protection of biodiversity and ecosystem services. Recognising the need to challenge forest reserve licensees to consider themselves as co-managers, to strengthen the focus on protection of the forest and associated ecosystems and to aid the Forest Officers assessing and monitoring Sustainable Forest Management Plans, the Forest Department through the Selva Maya Project has requested the development of a Management Plan Framework to guide Sustainable Forest Management Plans for Forest Reserves.

This framework is based on literature review, stakeholder consultations and expert review. Stakeholder consultations took the form of meetings with individuals and group workshops (one with Forest Department personnel only and the other with private sector and Non-Government Organisation (NGO) stakeholders as well. A site visit to see sustainable forest management in practice at the Rio Bravo Conservation and Management Area was also conducted. In addition, a two-day training workshop, at which the second draft was thoroughly reviewed and tested, was held. The second draft document was shared with the National Liaison Officer, Belize – Selva Maya Project and the Manager, Sustainable Forest Management Program, Forest Department. These individuals commented on the document and circulated it to experts including Dr. Percival Cho, Chief Executive Officer, Ministry of Agriculture, Fisheries, Forestry, the Environment and Sustainable Development, Mr. Wilfred Sabido, Chief Forest Officer, Forest Department, Mr. Oswaldo Sabido, Sustainable Forest Management Consultant and the International Conservation Union for Nature (IUCN). Comments including recommendations were received from the latter two and these were incorporated into the document.

Relevant literature is listed in the Bibliography and these, in particular national documents such as the 2015 National Forest Policy, 2008, Code of Practice (Reduced Impact Logging) for Belize and the Long Term Licences and international guidelines such as the International Tropical Timber Organisation (ITTO) and Forest Stewardship Council (FSC) documents are of special relevance. In light of the significance of tropical forests internationally, regionally and nationally, sustainable forest management should be planned and practiced bearing in mind international voluntary principles. In Belize, several licensees already comply with these principles so they will provide a good basis for sustainable forest management. Key cross-cutting principles from these national and international guideline documents are:-

1. Ensuring the conservation of biodiversity, ecosystem health and watershed management functions of forests whilst practicing sustainable use.
2. Ensuring gender and social equity concerns are addressed in the sustainable use of forests.
3. Promoting collaboration and partnerships between government, private sector, non-government organisations and local communities.

Sustainable Forest Management Plans should clearly indicate that these principles are adhered to throughout description of the site and strategies for management. Further, this Framework provides the Table of Contents template which should be followed for the preparation of

Sustainable Forest Management Plans i.e. Management Plans for Forest Reserves or forest under Long-Term Forest Licences.

The template follows the guidelines provided by both the national Protected Area Management Planning document and the IUCN but ensures attention to the sustainable use for timber as this is the activity most likely to have negative impacts. The template seeks to ensure that the entity preparing the Plan considers the possible negative impacts from logging (and other factors) and the necessary mitigation measures to reduce these impacts and to ensure conservation of biodiversity, ecosystem and environmental health and the involvement of local and indigenous communities as well as gender and equity considerations more broadly. The Framework provides guidance regarding the formatting, content and the analytical process which will be followed for approval.

## **Process**

Sustainable Forest Management Plans are to be prepared and submitted to the Forest Department every 5 years within the context of 40 year Long Term Licences (with clear terms and requirements) and Annual Plan of Operations (APO). The APOs guide annual reduced impact logging and are based on the General Yield Model (Cho, year). This allows for sustainable forest management.

Currently, the Management Plan process is somewhat ad hoc but based on the fact that there may only be one or two coming on-stream annually, there is room to standardise the process. The following is recommended:-

- (i) For every Licencee, a schedule for 5 year Management Plans should be prepared by the Sustainable Forest Management (SFM) Programme of the Forest Department and shared with them. These schedules should be in the files for the Licencees but also posted in a prominent location with the SFM Office.
- (ii) The SFM Office should send a reminder about the Management Plan requirement nine months before the Plan is due and then again six months before due date. The Licencee should be required to respond to the Forest Department indicating and justifying the need for additional time if required. Legislation states that a management plan is required
- (iii) When the Licencee submits the Draft SFM Plan (by email) the Forest Department should acknowledge receipt.
- (iv) The SFM Programme of the Forest Department should assemble a team of at least 3 officers (they may be drawn from outside of the SFM Programme e.g. Conservation Programme – in order to draw on the expertise of those who may be familiar with a particular Forest Reserve).
- (v) The team should then review the document – reading it individually and meeting as a team to use the Framework to review the document. As needed, they will seek additional information and will validate the information within the document e.g. regarding community meetings, research opportunities, species information.
- (vi) At least one site visit should be conducted by the Team particularly visually inspect at least one of the sample plots from the Forest Inventory and any other on-site activity they deem necessary. This visit should be organized with the Licencee.

- (vii) Having reviewed and scored the Plan and made their recommendations, the SFM Officer should request that the Licencee revise and re-submit the Plan (if it requires major revision and/or additional consultations)
- (viii) If the Plan does not require major revisions, a meeting with the Licencee (consultant and key personnel) should be held in order to ask any questions and obtain clarification (include a timeframe for editing)
- (ix) This process should be repeated until the SFM Review Team is satisfied that they can recommend the Plan to the Chief Forest Officer for approval.
- (x) If there are major issues of concern, the Chief Forest Officer should be alerted and the matters taken up at the Ministry level as needed.
- (xi) A formal letter should be sent to the Licencee under the signature of the Chief Forest Officer - Forest Department, indicating approval of the Management Plan and reminding the Licencee of the requirement for APOs.

### Management Plan Framework

The following is the recommended framework for Sustainable Forest Management Plans (SFMP) for Forest Reserves in Belize, based on literature review and consultations:-

| <b>HEADINGS<br/>(Chapter and Sections)</b> | <b>Content</b>   | <b>Analysis</b>  | <b>Score<sup>1</sup><br/>(1 – 3)</b> | <b>Recommendations/<br/>Reservations</b> |
|--|--|--|--------------------------------------|--|
| <b>Cover Page</b>                          | <p><b>Title:</b> Sustainable Forest Management Plan for [Name of Forest Reserve] for [Year to Year]</p> <p>Prepared in compliance with requirements under Licence # [XXXXX]<br/> Name of Licencee:<br/> Name of Consultant/Authors:<br/> Date:</p> | Is the required information provided?  |                                      |  |
| <b>Executive Summary</b> (4 – 6 pg)        | Summarise the main points of the Management Plan, in particular, the strategies (organised into programmes) with a focus on what is to be done and by whom, when and where.  | <p>Does this chapter succinctly describe the management plan especially proposed strategies?</p> <p>Is the reviewer able (by reading just this section) to grasp the key strategies for management ?</p> |                                      |  |
| <b>Table of Contents</b> (2 - 3 pages)     | <p>List content by Chapter and Section with relevant page number</p> <p>Follow the Table of Contents described in this Framework document.</p>   | <p>Is there a Table of Contents and does it follow the new SFM Plan Framework Template ?</p> <p>Is it correctly numbered?</p>  |                                      |  |

<sup>1</sup> See Appendix 1 for Scoring System

| <b>HEADINGS<br/>(Chapter and Sections)</b>               | <b>Content</b>   | <b>Analysis</b>   | <b>Score<sup>1</sup><br/>(1 – 3)</b> | <b>Recommendations/<br/>Reservations</b> |
|--|--|---|--------------------------------------|--|
| <b>List of Figures &amp; Tables</b> (2 pages)            | List all figures e.g. photographs, maps, charts and tables along with the relevant page number   | Are all figures and tables properly listed?   |                                      |  |
| <b>Acknowledgements</b> (1/4 – 1/2 page)                 | List the key individuals and organisations that assisted e.g. financially and otherwise:<br>“The following individuals and/or organisations are acknowledged for the key role they played in the preparation of this Plan:-<br>[LIST]”   | Are key contributors e.g. of information, funding (financial donors or investors) or other support mentioned?   |                                      |  |
| <b>TOTAL SCORE (/15)</b>                                 |  |   |                                      |  |
| <b>Introduction</b> (2 – 3 pages)                        |  |   |                                      |  |
| 1.1 Purpose of the Plan                                  | The importance of the site and need for the plan   | Does the purpose include a triple bottom-line business approach inclusive: biodiversity & ecosystem conservation, socio-economic benefits as well as financial returns? |                                      |  |
| 1.2 Scope & Context e.g. authority, significance of area | Geographic Location and legal status of the area<br>Time-frame for the Plan (note previous plans)<br>Brief social and environmental context<br>Description of the Licensee – type of entity, mission, experience etc.<br>Indication of others involved e.g. donors, investors, community-based organisations, Forest Dept. | Does this section clearly outline the big picture for the sustainable forest management?  |                                      |  |
| 1.3 Description of the Management Planning Process       | Introduction of the Consultant/Consulting Team and their qualifications and experience   | Is the person responsible for SFM Plan (preparer/   |                                      |  |

| <b>HEADINGS<br/>(Chapter and Sections)</b>               | <b>Content</b>   | <b>Analysis</b>  | <b>Score<sup>1</sup><br/>(1 – 3)</b> | <b>Recommendations/<br/>Reservations</b> |
|--|--|--|--------------------------------------|--|
|  | <p>particularly the person(s) directly involved in preparing the Plan (1/2 page)</p> <p>Brief description of the process followed – which stakeholders were involved and how (provide a list with contact information as an Appendix) and provide segregated data regarding the involvement of men-women-youth (if they participated).</p> <p>Ensure gender equity and the involvement of indigenous &amp; local communities amongst other stakeholders. Stakeholder participation in management planning should include their participation in describing the area (including their use of it), identification of threats and pressures and potential solutions and mitigation strategies. It is best to identify stakeholders prior to seeking their involvement, to avoid leaving out any, when meetings are organised or so that special meetings can be organised as necessary. Standard participatory planning methodologies should be followed.</p> | <p>developer) a certified forester with adequate experience for the purpose?</p> <p>Is gender equity exhibited and have indigenous &amp; local communities been involved, amongst other stakeholders. Is there a list in an Appendix and a table showing data on participation of men-women-youth?</p> |                                      |  |
| <b>TOTAL SCORE (/9)</b>                                  |  |  |                                      |  |
| <b>2. Description of the area<br/>(1 – 3 pages each)</b> | <b>The description of the local physical, biological, cultural and socio-economic features may be based on secondary sources (e.g.</b>   | <b>For each section or sub-chapter below:-</b>   |                                      |  |

| HEADINGS<br>(Chapter and Sections)  | Content  | Analysis   | Score <sup>1</sup><br>(1 – 3) | Recommendations/<br>Reservations |
|---|--|--|-------------------------------|----------------------------------|
|   | <p>previous management plans, research, surveys, monitoring data), however the sources must be properly referenced. Further, updates are expected for each Plan, with at least some new work conducted either by the Licencee or reputable agency e.g. Forest Department, University of Belize or other universities using standard methodologies which must be referenced. Involvement of local communities in collecting field data is encouraged.</p> | <p>Is the data properly referenced and are these references appropriate.?</p> <p>Is the methodology used accepted by the scientific community and Forest Dept.?</p> <p>Is there updated information provided since the last plan?</p> <p>Did the production of new information involve the Licencee working with stakeholders and local communities?</p> |                               |                                  |
| 2.1 Location, size, boundary description  | <p>General location and size</p> <p>Land tenure</p> <p>Maps</p> <p>Detailed legal description of boundary, shapefiles, etc. in Appendices</p>  | <p>Is this description accurate and does it match the licence?</p>   |                               |                                  |
| 2.2 International/regional & national significance                                  | <p>Brief description of significance of area – biological, environmental, cultural, socio-economic</p> <p>National context e.g. neighbouring protected areas and communities</p>   | <p>Is any aspect of the significance left out?</p>   |                               |                                  |
| 2.3 Physical Environment – climate, landscape/topography, hydrology, geology, soils | <p>Description of the physical environment with references</p> <p>This should not just be a general description of the wider area in which the Forest Reserve is located but also</p>  | <p>Is the information clear?</p> <p>Is the information provided sufficient to guide sustainable forest</p>   |                               |                                  |

| <b>HEADINGS<br/>(Chapter and Sections)</b>                        | <b>Content</b>  | <b>Analysis</b>  | <b>Score<sup>1</sup><br/>(1 – 3)</b> | <b>Recommendations/<br/>Reservations</b> |
|---|---|--|--------------------------------------|--|
|   | <p>as much information on the immediate locale including terrain and creeks.</p> <p>Maps should be included – general topographic within the document and other more detailed ones e.g. hydro-geology should be in Appendices</p>   | <p>management or is additional information needed?</p>   |                                      |  |
| <p>2.4 Biological Environment – ecosystems, flora &amp; fauna</p> | <p>Description of the broad ecosystem and habitat types including size and their importance within the Forest Reserve.</p> <p>Endemic, rare and threatened flora and fauna species should be highlighted as well as any of national and international significance including economic value. The status of these key species (if known) should be noted. Some of this information will be garnered from the Detailed Forest Inventory below.</p> <p>Lists of species should be provided in the Appendices or the location of this information must be referenced.</p> | <p>Is the information clear and succinct?</p> <p>Are key species highlighted?</p> <p>Are species Lists provided in Appendices or properly referenced?</p> <p>Is there any information on the status of the species or the importance of the habitats and species to SFM?</p> |                                      |  |
| <p>2.5 Detailed Forest Inventory</p>                              | <p>This section should describe the results of a detailed General Forest Inventory to assess the structure and composition of the forest. The information should provide the basis for assessing the economic viability of the management operations. However, it should also provide information on the forest ecosystem which will be valuable</p>  | <p>Is the information clear?</p> <p>Is all the required content provided? Does the description provide a good summary description of the forest in the Forest Reserve.</p>   |                                      |  |

| <b>HEADINGS<br/>(Chapter and Sections)</b> | <b>Content</b>  | <b>Analysis</b>  | <b>Score<sup>1</sup><br/>(1 – 3)</b> | <b>Recommendations/<br/>Reservations</b> |
|--|---|--|--------------------------------------|--|
|  | <p>for the protection and conservation aspects of management.</p> <p>The Sampling Intensity must be at least 0.2% of the Forest Reserve. There should be an inventory of all trees (over 25cm DBH) – only those of commercial value (merchantable trees) need to have details beyond DBH. Notes on all other vegetation e.g. epiphytes and shrubs should be provided – at least local names/family groups of the most common ones. Identify different forest types in the Production Zone.</p> <p>The methodology used should be referenced. The guidance in the Forest Dept/FAO Code of Practice for Timber Harvesting (Reduced Impact Logging – RIL) Van der Hout, 2008 should be followed.</p> <p>Provide GIS-based Forest Maps and Tables with details in the Appendices.</p> | <p>Are the maps and tables clear?</p> <p>Does the summary match the details in the Appendices?</p> <p>This should be verified by site visit to at least one of the sample plots.</p> |                                      |  |
| 2.6 Socio-economic Context                 | <p>Description of the characteristics of local communities: ethnic origin (s), populations, distribution and size of villages, etc.</p> <p>Description of the local socio-economy – main livelihoods and economic significance/social dependence of the forest for women and men in terms of</p>  | <p>Is the information clear and specific to the locale?</p> <p>If the Plan indicates that there are no communities nearby – is this an accurate assessment?</p>                      |                                      |  |

| HEADINGS<br>(Chapter and Sections)                 | Content  | Analysis  | Score <sup>1</sup><br>(1 – 3) | Recommendations/<br>Reservations |
|--|--|---|-------------------------------|----------------------------------|
|  | <p>traditional and productive use and practices. Provide segregated information as far as possible: women-men-youth.</p> <p>This section must not be left blank. Justification must be provided if the licensee indicates that there are no nearby communities that use the forest or may be impacted by harvesting.</p>   |   |                               |                                  |
| 2.7 Cultural and Socio-economic Values             | <p>Description of any cultural/archaeological features e.g. Maya mounds or traditional practices e.g. ceremonial use of a site in the Reserve.</p> <p>The information here should not just be general to the wider area but efforts to obtain site specific information must be shown.</p>   | Is the information clear, up-to-date and properly referenced? |                               |                                  |
| 2.8 Infrastructure and Equipment                   | <p>Description of any physical infrastructure present e.g. roads, buildings (with maps) and equipment needed with notation regarding its availability – owned/contracted.</p> <p>List details in Appendices</p>  | Is the information clear and relevant?                        |                               |                                  |
| <b>TOTAL SCORE (/24)</b>                           |  |   |                               |                                  |
| <b>3. Analysis of Issues</b><br>(2 – 3 pages each) | <p><b>The purpose of this chapter is to ensure that problems or potential problems are identified along with cause-effect relationship in order to devise strategies to effectively address the problems at root cause level (not just symptoms). This chapter should identify managerial implications based on the physical, biological, cultural, socio-economic and other features and context (including gender) as outlined in chapter 2.</b></p> |   |                               |                                  |

| <b>HEADINGS<br/>(Chapter and Sections)</b>   | <b>Content</b>   | <b>Analysis</b>  | <b>Score<sup>1</sup><br/>(1 – 3)</b> | <b>Recommendations/<br/>Reservations</b> |
|--|--|--|--------------------------------------|--|
| 3.1 Threats/pressures and their sources      | <p>Brief description of pressures (existing issues) and threats (potential issues) that are/could have a negative impact on sustainable forest management including biodiversity and ecosystem conservation.</p> <p>Information from the Descriptive Chapter should be used to identify any threats or pressures or managerial implications e.g. soils – what impact might the local soil type have on operations. This can be a list or table and the details should be provided in the sections below.</p> | <p>Are threats/pressures clearly stated along with sources.</p> <p>Did section 1.3 indicate that women-men-youth including indigenous people were present, were involved in the identification of these?</p> <p>Recommendations and mitigation strategies should be held until sections 3.4 – 3.8 and their implementation should be detailed in Chapter 4</p> |                                      |  |
| 3.2 Management History                       | <p>History of management and how that may impact current and proposed management.</p> <p>The complete history of the site is not required but rather an analysis of occurrences in the past that would have an impact on current processes and management. What are the managerial implications of the historical use of this Forest Reserve?</p>  | <p>Does this section provide a concise review of the history relevant to sustainable forest management?</p>  |                                      |  |
| 3.3 Economic Context                         | <p>Provide information on the proposed Markets (export, local etc) and Plans for utilisation – species etc.</p>  | <p>Does this information help to clarify plans?</p>  |                                      |  |
| 3.4 Socio-economic Issues – including gender | <p>Summarise existing or potential Social Conflicts with Forest Management and</p>   | <p>Is the description clear and holistic?</p>  |                                      |  |

| <b>HEADINGS<br/>(Chapter and Sections)</b>      | <b>Content</b>   | <b>Analysis</b>   | <b>Score<sup>1</sup><br/>(1 – 3)</b> | <b>Recommendations/<br/>Reservations</b> |
|---|--|---|--------------------------------------|--|
|   | <p>Logging e.g. encroachment, use of salvage materials, non-timber products. Identify potential impacts on local communities from the logging operations in particular. Include gender considerations vis a vis use of the forest or perceptions regarding its use.</p> <p>What are the managerial Implications of Socio-economic Issues for Sustainable Forest Management? Explore the possibility of women's participation in timber and other productive-commercial value chains.</p> | <p>Is the description specific to the local communities?</p> <p>Are the managerial implications logical and have all likely implications been considered?</p> |                                      |  |
| <p>3.5 Biodiversity<br/>Conservation Issues</p> | <p>Provide an analysis of the likely impact and the results of such impacts on the biodiversity of the site as described in section 2.4 and 2.5.</p> <p>What are the managerial Implications for the conservation of biodiversity within the site e.g. possible threats especially to rare, endemic and threatened species.</p>  | <p>Is the description clear and holistic?</p> <p>Are the managerial implications logical and have all likely implications been considered?</p>                |                                      |  |
| <p>3.6 Environmental Issues</p>                 | <p>Provide an analysis of the likely impact and the results of such impacts on the environmental features and values (aside from biodiversity) as described in section 2.3, resulting from Sustainable Forest Management particularly Logging (felling, skidding &amp; clearing of barquediers, roads) e.g. Soil and Water Conservation, Oil &amp; Fuel</p>  | <p>Is the description clear and holistic?</p> <p>Are the managerial implications logical and have all likely implications been considered?</p>                |                                      |  |

| <b>HEADINGS<br/>(Chapter and Sections)</b>   | <b>Content</b>  | <b>Analysis</b>  | <b>Score<sup>1</sup><br/>(1 – 3)</b> | <b>Recommendations/<br/>Reservations</b> |
|--|---|--|--------------------------------------|--|
|  | <p>Leaks and possible negative impacts on Ecotourism.</p> <p>Describe the Managerial Implications bearing in mind the environmental issues.</p>   |  |                                      |  |
| 3.7 Forest Protection & Security Issues  | <p>Summarise the Issues Concerning Protection of the Forest Reserve from Fire, Trespass, Shifting Cultivation and other potential threats including hurricanes, Climate Change threats</p> <p>Describe the Managerial Implications of Forest Protection and Security Issues</p>   | <p>Is the description clear and thorough?</p> <p>Are the managerial implications logical and have all likely implications been considered?</p> |                                      |  |
| <b>TOTAL SCORE (/21)</b>   |   |  |                                      |  |
| <b>4.0 Sustainable Forest Management</b>   |   |  |                                      |  |
| 4.1 Vision & Goal(s)<br>(1 page)   | Clear and concise statement of the Vision and Goal(s) for the Plan  | Is the Vision and Goal(s) clear and concise?   |                                      |  |
| 4.2 Objectives (1 page)<br>- Sustainable Harvesting<br>- Biodiversity & Environmental Conservation<br>- Forest Protection & Security<br>- Social Responsibility<br>- Staff Health & Safety<br>- Other Objectives, such as research, environmental conservation and business development.<br>- Financial Sustainability | <p>Objectives should not be limited to sustainable harvesting.</p> <p>Clearly state objectives in such a way that they can be monitored and ensure that they are SMART (Specific, Measurable, Achievable Realistic &amp; Time-bound)</p> <p>This section should just be a list of the objectives – strategies and plans their implementation should be described in the programmes.</p> | <p>Are there objectives to address biodiversity &amp; ecosystem conservation and socio-cultural issues?</p> <p>Are the objectives SMART?</p>   |                                      |  |

| <b>HEADINGS<br/>(Chapter and Sections)</b>     | <b>Content</b>  | <b>Analysis</b>   | <b>Score<sup>1</sup><br/>(1 – 3)</b> | <b>Recommendations/<br/>Reservations</b> |
|--|---|---|--------------------------------------|--|
| 4.3 Zoning                                     | <p>Description of zoning plan which addresses meeting of the objectives particularly conservation e.g. river buffers, biodiversity conservation and cultural heritage preservation zones</p> <p>Description of the methodology used for zoning and justification of the zoning plan inclusive the establishment of compartments e.g. protected areas on steep slopes, around creeks and special sites e.g. archaeological site, major nesting ground for a species etc.</p> | <p>Does the zoning plan follow the guidelines provided in the Code of Practice including provision of protection forest i.e. areas excluded from harvesting?</p> <p>Does it provide sufficient areas for sustainable harvesting and conservation (biodiversity, ecosystem &amp; cultural heritage)?</p> <p>Is the zoning plan and its components clearly justified?</p> |                                      |  |
| <b>4.4 Management Prescriptions/Programmes</b> | <p>Description of the strategies proposed to achieve the stated objectives and to address the current and potential negative impacts on the forest ecosystem and achievement of objectives.</p> <p>The following sections are the management programmes for the Forest Reserve and should provide information on why, what, how, when, where, who and how much.</p>   | <p>Prescriptions should be explicit, directly related to objectives expressed in the Plan and be sufficiently comprehensive to ensure that objectives are able to be implemented without difficulty and can be monitored.</p> <p>Any requirements within the Licence must be adhered to.</p>  |                                      |  |

| HEADINGS<br>(Chapter and Sections)  | Content   | Analysis   | Score <sup>1</sup><br>(1 – 3) | Recommendations/<br>Reservations |
|---|---|--|-------------------------------|----------------------------------|
| <b>4.4.1 Sustainable Harvesting Programme</b><br>State Objective from 4.2 |   |  |                               |                                  |
| 4.4.1.1 Forest Mapping and Inventory<br>(3 – 5 pages)                     | <p>This sub-programme should describe plans for regular forest mapping and inventory including annual pre- and post-harvest inventory and for the preparation of management plans. Detailed methodologies should be in the Appendices not in the main document. Methodologies and software applications should be highlighted.</p> <p>This programme should:-<br/>           (i) highlight any features of interest identified in the Forest Inventory results described at section 2.5 and indicate any plans for further investigation.<br/>           (ii) address the management implications identified in Chapter 3</p> <p>Both timber and non-timber resources should be considered.</p> | <p>Does the plan follow the guidelines in the Code of Practice e.g. use of the Naturaleza para la Vida (NPV, 2002) for broadleaf forests?</p> <p>Does the plan for Forest Mapping and Inventory clearly describe appropriate approaches?</p> <p>Are possibilities for further work with other entities explored?</p> |                               |                                  |
| 4.4.1.2 Silviculture<br>(2 – 3 pages)                                     | <p>Indicate silvicultural practices to be implemented and why i.e. justify the selection of particular practices. References must be provided.</p> <p>This section is not related only to silviculture specifically for lumber production but more broadly for conservation i.e. the description should not only relate to the production forest but also protection forest.</p>  | <p>Are all required silvicultural practices recommended in the Code of Practice included?</p>  |                               |                                  |

| <b>HEADINGS<br/>(Chapter and Sections)</b>         | <b>Content</b>   | <b>Analysis</b>   | <b>Score<sup>1</sup><br/>(1 – 3)</b> | <b>Recommendations/<br/>Reservations</b> |
|--|--|---|--------------------------------------|--|
| 4.4.1.3 Yield and Production<br>(5 – 7 pages)      | <p>This sub-programme should describe plans for management of production and all matters related to production of lumber. Reference should be made to the Code of Practice for Reduced Impact Logging and the General Yield Model. Provision of a summary justifying approach to harvesting (species, size and quantities) with details i.e. calculations, charts &amp; tables in the Appendices:-</p> <ul style="list-style-type: none"> <li>• Commercial species</li> <li>• Species requiring protection (and justification)</li> <li>• Calculation of cutting cycle and annual allowable cut</li> <li>• Division of the forest into annual harvesting units (justification)</li> <li>• Schedule of timber production</li> </ul> | <p>Does the programme follow the guidelines in the Code of Practice?<br/>Is each of the bulleted points addressed in summary form?</p> <p>Does the information follow recommendations in the Code of Practice?</p> <p>Does the information provide sufficient guidelines for the Annual Plan of Operations?</p> |                                      |  |
| 4.4.1.4 Timber Harvesting Operations (6 – 8 pages) | <p>Describe Timber Harvesting Operations based on minimum environmental standards specified in the legislation, licence and Code of Practice e.g., crown cover, maximum number of trees felled per hectare, restrictions against harvesting on slopes and watershed areas, minimum diameter at breast height for tree felling, a list of species to be protected, cutting techniques to optimize natural regeneration. Include the following:-</p> <ul style="list-style-type: none"> <li>• Pre-harvesting activities</li> <li>• Type of machinery</li> </ul>  | <p>Is there a clear description of plans and are all aspects of harvesting operations included from planning through to post-harvest operations?</p> <p>Are each of the bulleted points addressed in summary form?</p> <p>Do the mitigation measures described meet the existing</p>                            |                                      |  |

| HEADINGS<br>(Chapter and Sections)  | Content   | Analysis   | Score <sup>1</sup><br>(1 – 3) | Recommendations/<br>Reservations |
|---|---|--|-------------------------------|----------------------------------|
|   | <ul style="list-style-type: none"> <li>• Harvesting activities</li> <li>• Felling operations</li> <li>• Extraction/skidding operations</li> <li>• Hauling operations</li> <li>• Roads</li> <li>• Post-harvesting activities</li> <li>• Environmental considerations in logging</li> </ul>   | <p>standards as described in the legislation, licence and Code of Practice and are they sufficient for the particular Forest Reserve?</p> <p>Are the guidelines clear enough to guide annual plans and day-to-day operations in such a way as to result in minimum impact?</p> |                               |                                  |
| 4.4.1.5 Processing Operations (1 – 2 pages)   | <p>Describe plans for processing particularly if processing is implemented on site.<br/>Indicate names of companies involved</p>  | <p>If the processing is on site – are there mitigation measures in place?</p> <p>Is there information on the processing companies to be used – if not on site?</p>   |                               |                                  |
| <b>4.4.2 Environmental Protection and Biodiversity Conservation Programme</b><br>State objective from 4.2 |   |  |                               |                                  |
| Environmental Protection and Biodiversity Conservation (6 - 8 pages)                                      | <p>Provide plans to address environmental protection and wildlife conservation based on the ecosystems, habitats and species described earlier and any potential harm that may be caused by the operations i.e. the management implications identified in sections 3.6 and 3.7. Include plans for preventing chemical and other pollution and</p> | <p>Do the plans appear adequate &amp; feasible? –</p> <p>Do the plans address the issues identified in sections 3.6 and 3.7.</p>   |                               |                                  |

| <b>HEADINGS<br/>(Chapter and Sections)</b>  | <b>Content</b>  | <b>Analysis</b>  | <b>Score<sup>1</sup><br/>(1 – 3)</b> | <b>Recommendations/<br/>Reservations</b> |
|---|---|--|--------------------------------------|--|
|   | <p>addressing or cleaning-up pollution if it occurs.</p> <p>There should be an identification of Conservation Targets for focus, particularly for monitoring bearing in mind the challenges in addressing conservation on a species level.</p> <p>This section can highlight plans to collaborate with others e.g. academia, NGOs and the Forest Dept.</p>  | Which organisations will be partnered with for implementation?   |                                      |  |
| <b>4.4.3 Forest Protection and Security Programme</b><br>State objective from 4.2 |   |  |                                      |  |
| Forest Protection & Security<br>(3 – 4 pages)                                     | <p>Provide plans to address activities that may damage the forest including flora and fauna and threaten human safety and security e.g. fire, hunting/poaching, illegal logging, pests &amp; disease, hurricanes, climate change through e.g. boundary marking, patrolling, fire management plans.</p> <p>Where the Forest Reserve includes pine forest and savannah, the programme must include the preparation and implementation of a fire management plan.</p> <p>The programme should describe plans for preparing protocols for monitoring and surveillance, reporting in the event of any incident inclusive requesting action on the part of the Forest Dept.</p> | <p>Do the plans appear adequate &amp; feasible?</p> <p>Do they address the issues identified in section 3.8?</p> <p>Does boundary marking follow the guidelines in the Code of Practice?</p> <p>Are gender issues addressed?</p> <p>Which organisations will be partnered with for implementation?</p> |                                      |  |

| HEADINGS<br>(Chapter and Sections)   | Content  | Analysis   | Score <sup>1</sup><br>(1 – 3) | Recommendations/<br>Reservations |
|--|--|--|-------------------------------|----------------------------------|
| <b>4.4.4 Social Responsibility Programme</b><br>State objective from 4.2   |  |  |                               |                                  |
| Social Responsibility (2 – 3 pages)  | Provide plans to address socio-economic and cultural issues and practices (described earlier in sections 2.6, 2.7 and 3.5) which may impact on or be impacted by the goals and objectives. This programme should aim to address the managerial implications for sustainable forest management at this particular site. | <p>Do the plans appear adequate &amp; feasible?</p> <p>Do they address the issues identified in section 3.5?</p> <p>Are gender issues addressed?</p> <p>Which organisations will be partnered with for implementation?</p> |                               |                                  |
| <b>4.4.5 Staff Health &amp; Safety Programme</b><br>State objective from 4.2   |  |  |                               |                                  |
| Staff Health & Safety (2 – 3 pages)  | Provide plans to ensure health and safety of staff during all operations, from prevention through to first response. This should include employment policies, training, staff welfare including disease prevention, communications etc.  | <p>Do the plans cover all aspects of health and safety e.g. accidents and training?</p> <p>Are gender issues addressed?</p> <p>Are the plans compliant with Belize labour and public health legislation?</p>               |                               |                                  |
| <b>4.4.6 Other Management Programmes</b> (if they are any others to be implemented or if plans are being developed for their implementation) |  |  |                               |                                  |
| Other Management Programmes e.g. education,  | Provide plans for other activities including entities with whom the licensee will partner for implementation   | Do the plans appear adequate & feasible?   |                               |                                  |

| <b>HEADINGS<br/>(Chapter and Sections)</b>                | <b>Content</b>  | <b>Analysis</b>   | <b>Score<sup>1</sup><br/>(1 – 3)</b> | <b>Recommendations/<br/>Reservations</b> |
|---|---|---|--------------------------------------|--|
| non-timber products, tourism<br>(1 – 3 pages)             | For non-timber products, identify species to be utilised and specify plans for harvesting based on knowledge of life cycle.   | Do they address the issues identified?<br>Are gender issues addressed?<br>Which organisations and/or communities will be partnered with for implementation? |                                      |  |
| <b>4.5 Financial Sustainability and Administration</b>    |   |   |                                      |  |
| 4.5.1 Staffing (4 – 5 pages)                              | List required staff with qualifications & key responsibilities for each and the necessary budget – indicate whether these persons are on staff or will be contracted or if there is a gap i.e. a particular job is required but there are no funds e.g. wildlife conservation – indicate plans to address | Does the staff include qualified Foresters?<br><br>Does the staffing seem sufficient for the amount of work planned? Have gender issues been considered?    |                                      |  |
| 4.5.2 Five Year Plan and Budget                           | Indicate key activities to be implemented under each programme over the five-year period and estimate the cost. Indicate where there are gaps and identify possible solutions to address these.   | Is the budget clear inclusive of projected income and expenditure?  |                                      |  |
| 4.5.3 Plan for Review and Updating of the Management Plan | Describe the process to be used and especially how lessons learned over the period will be incorporated into the new Plan.  | Does the review process include gender and equity considerations?<br><br>Does the review and updating process allow for adaptive management?                |                                      |  |
| <b>TOTAL SCORE (/42)</b>                                  |   |   |                                      |  |

| <b>HEADINGS<br/>(Chapter and Sections)</b>    | <b>Content</b>  | <b>Analysis</b>  | <b>Score<sup>1</sup><br/>(1 – 3)</b> | <b>Recommendations/<br/>Reservations</b> |
|---|---|--|--------------------------------------|--|
| <b>5.0 Monitoring</b> (at least 2 pages each) | The purpose of Monitoring is to track the impact of sustainable forest management on the biodiversity and physical environment in particular.   |  |                                      |  |
| 5.1 Forest Cover (Canopy & Rooted)            | <p>Indicate proposed methodology including references and indicate a planned approach for implementation e.g. through pre- and post-harvest inventory. In addition, the use of remote-sensing tools including satellite imagery, fly-overs and drones should be explored. Collaborative approaches should be considered.</p> <p>The use of standardised methodologies accepted by academia &amp; Forest Dept. is required. References must be provided.</p> | <p>Do the plans appear adequate &amp; feasible?</p> <p>Do the plans address the issues identified in sections 3.6 and 3.7.</p> <p>Which organisations will be partnered with for implementation?</p> |                                      |  |
| 5.2 Wildlife                                  | <p>Indicate proposed methodology including references and indicate a planned approach for implementation</p> <p>For the monitoring of the Conservation Targets e.g. birds – the use of standardised methodology accepted by academia &amp; Forest Dept. is required. Collaborative approaches should be considered including with local community members.</p>  | <p>Do the plans appear adequate &amp; feasible?</p> <p>Do the plans address the issues identified in sections 3.6 and 3.7.</p> <p>Which organisations will be partnered with for implementation?</p> |                                      |  |
| 5.3 Water Quality                             | <p>Indicate proposed methodology including references and indicate a planned approach for implementation</p> <p>This component will depend on the amount of water-ways on the property but should at a minimum include</p>  | <p>Do the plans appear adequate &amp; feasible?</p> <p>Do the plans address the issues identified in sections 3.6 and 3.7.</p>   |                                      |  |

| <b>HEADINGS<br/>(Chapter and Sections)</b>             | <b>Content</b>   | <b>Analysis</b>  | <b>Score<sup>1</sup><br/>(1 – 3)</b> | <b>Recommendations/<br/>Reservations</b> |
|--|--|--|--------------------------------------|--|
|  | “turbidity” measurements e.g. with Secchi Disk before and after logging and skidding.  | Which organisations will be partnered with for implementation?   |                                      |  |
| <b>TOTAL SCORE (/9)</b>                                |  |  |                                      |  |
| <b>6.0 Research</b> (4 - 5 pages)                      | <p>Summary of past research and key findings that will influence the management of the Forest Reserve.</p> <p>Summary of gaps in knowledge which require research for improved sustainable forest management.</p> <p>Describe the approach to be implemented in order to get the needed research done.</p> | <p>Is there a comprehensive list of research and are there any gaps i.e. research needed but not listed?</p> <p>Is the plan to address research adequate?</p> <p>Are there other researchers, universities or NGOs that could be involved?</p> |                                      |  |
| <b>TOTAL SCORE (/3)</b>                                |  |  |                                      |  |
| <b>7.0 Information Management System</b> (2 – 3 pages) | Description of Information Management System for compartments & sub-compartments, accounting, fire management, pest management, road maintenance and any other regular activity.   | Is there a brief description of the system for each aspect of management?  |                                      |  |
| <b>TOTAL SCORE (/3)</b>                                |  |  |                                      |  |
| <b>8.0 References</b> (as many pages as needed)        | <p>List of documents referred to and/or used in preparing the Plan</p> <p>Methodologies should have been referenced within the document as well as information from secondary sources.</p>   | Does the Reference section list in a standardised format, the relevant documents that appear to have guided the Plan.  |                                      |  |

| <b>HEADINGS<br/>(Chapter and Sections)</b>         | <b>Content</b>  | <b>Analysis</b>   | <b>Score<sup>1</sup><br/>(1 – 3)</b> | <b>Recommendations/<br/>Reservations</b>  |
|--|---|---|--------------------------------------|---|
|  |   | Should a particular document have been referenced that is not?  |                                      |   |
| <b>TOTAL SCORE (/3)</b>                            |   |   |                                      |   |
| <b>9.0 Appendices</b><br>(as many pages as needed) | Detailed information e.g. Forest Inventory & Stock Survey, Species Lists, Sustainable Yield calculation for each species. | Do the Appendices provide sufficient detailed information to help decision-making and are these summarised concisely within the Plan? |                                      |   |
| <b>TOTAL SCORE (/3)</b>                            |   |   |                                      |   |
| <b>GRAND TOTAL SCORE</b>                           |   |   |                                      | <p>&lt; 60% - send back for revision and re-submission</p> <p>&gt;60% - request meeting with Licencee and then request editing for final submission and approval.</p> |

## Appendix 1 – Scoring System

1. Basic content has been provided but there are significant concerns.
2. Adequate content has been provided but there are some concerns.
3. Adequate content has been provided and there are no significant concerns.

### Content

Content relates to **all** chapters and sections of the Management Plan as per the Framework. All components highlighted in the Framework should be included.

### Concerns

The concerns may be regarding:-

- (i) quality of the data
- (ii) methodologies used or proposed for use e.g. for inventories or monitoring
- (iii) level of participation e.g. indigenous communities, gender equity
- (iv) meeting of criteria

Concerns must be indicated in the column “Recommendations/Reservations”

| Chapters/Sections                  | Total Possible Score | Instructions   |
|------------------------------------|----------------------|--|
| Cover Page through Acknowledgement | 15                   | If the score is 60% or less, the Draft Plan should be sent back to the Licencee for revision and re-submission.  |
| Introduction                       | 9                    |  |
| Chapter 2: Description of the Area | 24                   |  |
| Chapter 3: Analysis of Issues      | 21                   |  |
| Chapter 4: Management              | 43                   | If the score is 61% or over, the Licencee (with consultant) should be invited to a meeting to review the Plan and make queries. Based on the feedback, the Licencee should be asked to edit the document for approval. |
| Monitoring                         | 3                    |  |
| Research                           | 3                    |  |
| Information Management System      | 3                    |  |
| References                         | 3                    |  |
| Appendices                         | 3                    |  |
| GRAND TOTAL POSSIBLE SCORE         | 127                  |  |

## **Appendix 2 – Definitions** (from the National Forest Policy, 2015)

### **Endemic Species**

An endemic species is a native species restricted to a particular geographic region owing to factors such as isolation or in response to soil or climatic conditions.

### **Forest**

A forest is a land area of more than 0.5 ha, with a tree canopy cover of more than 10%, which is not primarily under agricultural or other specific non-forest land use<sup>4</sup>.

### **Forest Biological Diversity**

Forest biological diversity (biodiversity) means the variability among forest living organisms and the ecological processes of which they are part; this includes diversity in forests within species, between species and of ecosystems and landscapes.

### **Forest Ecosystem**

A forest ecosystem can be defined at a range of scales. It is a dynamic complex of plant, animal and micro-organism communities and their abiotic environment interacting as a functional unit, where trees are a key component of the system. Humans, with their cultural, economic and environmental needs are an integral part of many forest ecosystems.

### **Sustainable Forest Management**

The sustainable use and conservation of forests with the aim of maintaining and enhancing multiple forest values through human interventions. People are at the centre of SFM because it aims to contribute to society's diverse needs in perpetuity. The United Nations describes SFM as: *"[a] dynamic and evolving concept [that] aims to maintain and enhance the economic, social and environmental values of all types of forests, for the benefit of present and future generations"*.

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Van der Hout Forestry Consulting, 2017. Sustainable Forest Management Plan for Chiquibul Forest Reserve 2018 - 2022. Bull Ridge Ltd.

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#### **Author Not Indicated**

Preparation of Community Forest Management Plans – Easy to Use Guide, 2016

Project Fact Sheet: Protection and Sustainable Use of the Selva Maya.

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# 1. Cutting Permit



## FOREST DEPARTMENT

Ministry of Forestry, Fisheries and Sustainable Development

Forest Drive, Belmopan, Belize

Tel: (501) 822-1524/2079 Fax: (501) 822-1523

General email: [secretary.fd@ffsd.gov.bz](mailto:secretary.fd@ffsd.gov.bz)



Cutting Permit No.  /  Year

Name and Address of Licensee

Greyed out  
boxes for official  
use only.

## Cutting Permit For Sustained Yield of Timber

In compliance with clauses 50 and 51 of Long Term Forest License No.  No./year held by the above named licensee, the Forest Department hereby grants this Cutting Permit for the area specified below under the following conditions:

1. This permit is valid for  Compartment no. as described in the Annual Plan of Operations for  Year.
2. This permit is valid for  Licensee name ly.
3. This permit is valid from  to 31 December  Year.
4. An Annual Plan of Operations has been approved by the Chief Forest Officer, attached hereto and to which the permit holder shall adhere.
5. The permit holder shall report to and be guided by the Forest Officer responsible for Sustainable Forest Management.
6. A non-refundable fee of \$500.00 (Five-hundred Belize dollars) has been paid vide RCR #

\_\_\_\_\_  
Chief Forest Officer

cc: DFO -

## 2. Cover Page and Submission Statement

Licensee Name

LTFL Number

License Duration

License Area

ANNUAL  
PLAN OF  
OPERATION  
(APO)

20XX

Licensee name

plans to harvest a sustainable yield of XXX round  
m<sup>3</sup> (XXX boardfeet) of primary and secondary  
hardwoods in the above calendar year.

|               |                                       |
|---------------|---------------------------------------|
| Submitted by: | Licensee or authorized representative |
| Signature:    |                                       |
| Date:         |                                       |

### 3. Professional Certification of the Forester

This document was prepared by the undersigned in accordance with the Forest Department standard template version **2015.1**:

---

Sign above, type name here

Date

Credentials:

List relevant formal qualifications and any other relevant training courses completed.

## 4. Basic Information about the Forest Management Area

Name of forest area:

Is there a management plan in place?:    Yes ☐    or    No ☐

If No, give reasons and state earliest expected date of completion of the management plan:

Period covered by present management plan:

Extent of forest inventory:    Property Wide ☐    or    5-year Zone ☐

Date of last forest inventory:

Contact person regarding forest management:

## 5. Report on Previous Year's APO

**Table 1.** *Report on previous year's APO.*

| Indicator  | Planned  | Actual (explain deviations) |
|--|--|-----------------------------|
| Compartment(s) and sub-compartment(s) logged:                |  |                             |
| Class of produce harvested:                                  |  |                             |
| Number of species harvested:                                 |  |                             |
| Total allowable cut (no. trees):                             |  |                             |
| Total allowable cut (round m <sup>3</sup> ):                 |  |                             |
| Residual stocking (no. trees):                               |  |                             |
| Residual volume (round m <sup>3</sup> ):                     |  |                             |
| Length of main roads upgraded (map required see Fig. 1):     |  |                             |
| Length of extraction roads opened (map required see Fig. 1): |  |                             |
| Length of skid roads opened (map required see Fig. 1):       |  |                             |
| Number of waterway crossings constructed:                    |  |                             |
| Number of barquadiers opened (map required see Fig. 1):      |  |                             |
| Number and aim of trainings:                                 |  |                             |
| Extent and location of pest treatments:                      |  |                             |
| Extent and location of silvicultural treatments:             |  |                             |
| Challenges/setbacks:   | Explain  |                             |
| Opportunities:   | Explain  |                             |
| Natural disasters/fires:                                     | Explain  |                             |
| Accidents:   | Explain  |                             |
| Final harvested trees list in Annex I (digital)?             | Yes <input type="checkbox"/> No <input type="checkbox"/> |                             |

**Table 2a.** *Summary of previous APO's harvest operations.*

| <b>Species</b> | <b>Number of Planned Crop Trees<sup>1</sup></b> | <b>Number of Trees Felled<sup>2</sup></b> | <b>Number of Trees Extracted<sup>3</sup></b> | <b>Reason for variance in harvest (if any)</b> |
|----------------|---|---|--|--|
| Species 1      |   |   |  |  |
| Species 2      |   |   |  |  |
| Species 3      |   |   |  |  |
| Species 4      |   |   |  |  |
| Species 5      |   |   |  |  |
| Species 6      |   |   |  |  |
| Species 7      |   |   |  |  |
| Species 8      |   |   |  |  |
| Species 9      |   |   |  |  |
| Species 10     |   |   |  |  |
| Species 11     |   |   |  |  |
| Species 12     |   |   |  |  |
| Species 13     |   |   |  |  |
| Species 14     |   |   |  |  |

<sup>1</sup> - Number of sustainable crop trees from yield model

<sup>2</sup> - Includes any future, seed, reserve or preserve trees felled for whatever reason, or which died in the time between the stock survey and the harvest

<sup>3</sup> - Trees that arrived at the sawmill

**Table 2b.** *Summary of previous APO's salvage operations.*

| <b>Species</b> | <b>Number of Planned Salvage Trees<sup>1</sup></b> | <b>Number of Trees Extracted<sup>2</sup></b> | <b>Reason for variance in harvest (if any)</b> |
|----------------|--|--|--|
| Species 1      |  |  |  |
| Species 2      |  |  |  |
| Species 3      |  |  |  |
| Species 4      |  |  |  |
| Species 5      |  |  |  |
| Species 6      |  |  |  |
| Species 7      |  |  |  |
| Species 8      |  |  |  |
| Species 9      |  |  |  |
| Species 10     |  |  |  |
| Species 11     |  |  |  |
| Species 12     |  |  |  |
| Species 13     |  |  |  |
| Species 14     |  |  |  |

<sup>1</sup> - Number of salvage trees dead at time of stock survey (do not include here trees surveyed as alive but died during the time between the stock survey and the harvest)

<sup>2</sup> - Trees that arrived at the sawmill

**Figure 1.** *Main roads, extraction roads, skid roads, and barquadiers actually opened in previous year's APO.*

## 6. Summary of Current APO

Is this APO in line with the management plan? Yes ☐ No ☐

If not, how is it deviating and why?

Explain.

**Table 3.** *Summary of current year's APO.*

| Indicator  | Planned                                       |
|--|---|
| Compartment(s) and sub-compartment(s) to be logged:      |   |
| Cutting cycle length:                                    |   |
| Class of produce harvested:                              |   |
| Number of species harvested:                             |   |
| Total allowable cut (no. trees):                         |   |
| Total allowable cut (round m <sup>3</sup> ):             |   |
| Residual stocking (no. trees):                           |   |
| Residual volume (round m <sup>3</sup> ):                 |   |
| Length of main roads to be upgraded:                     |   |
| Length of extraction roads to be opened:                 |   |
| Length of skid roads to be opened:                       |   |
| Number of waterway crossings to be constructed:          |   |
| Number of barquadiers to be opened:                      |   |
| Number and aim of planned trainings:                     |   |
| Extent and location of planned pest treatments:          |   |
| Extent and location of planned silvicultural treatments: | Plantings, liberation, prescribed burns, etc. |

## 7. Biophysical Information about the Compartment

**Table 4.** *Basic biophysical information about the current year's compartment.*

|                         |                |                |
|-------------------------|----------------|----------------|
| Compartment(s) and sub- | One column per | One column per |
|-------------------------|----------------|----------------|

|  |  |  |
|--|--|--|
| <b>compartment(s) number(s):</b>                                   | compartment and associated sub-compartments              | compartment and associated sub-compartments              |
| <b>Year last logged (if known):</b>                                |  |  |
| <b>NAD27 UTM coordinate for geodetic centre:</b>                   |  |  |
| <b>Describe location:</b>  |  |  |
| <b>Boundaries demarcated?:</b>                                     | Yes <input type="checkbox"/> No <input type="checkbox"/> | Yes <input type="checkbox"/> No <input type="checkbox"/> |
| <b>Total area (hectares):</b>                                      |  |  |
| Effective area of loggable broadleaf forest:                       |  |  |
| Area of unloggable broadleaf forest (steep slope, buffers, etc):   |  |  |
| Effective area of loggable pine forest:                            |  |  |
| Area of unloggable pine forest (steep slope, buffers, etc):        |  |  |
| Area of savannah:  |  |  |
| Area of swamp forest:  |  |  |
| Area of wetlands:  |  |  |
| Area of agriculture:   |  |  |
| Area of other cover (describe):                                    |  |  |
| <b>Compartment location map included?:</b>                         | Yes <input type="checkbox"/> No <input type="checkbox"/> | Yes <input type="checkbox"/> No <input type="checkbox"/> |
| <b>Topographic map included?:</b>                                  | Yes <input type="checkbox"/> No <input type="checkbox"/> | Yes <input type="checkbox"/> No <input type="checkbox"/> |
| <b>Forest type (vegetation) map included?:</b>                     | Yes <input type="checkbox"/> No <input type="checkbox"/> | Yes <input type="checkbox"/> No <input type="checkbox"/> |
| <b>Main access road map included?:</b>                             | Yes <input type="checkbox"/> No <input type="checkbox"/> | Yes <input type="checkbox"/> No <input type="checkbox"/> |
| <b>Watercourses map included?:</b>                                 | Yes <input type="checkbox"/> No <input type="checkbox"/> | Yes <input type="checkbox"/> No <input type="checkbox"/> |
| <b>Shapefile of compartment submitted (NAD27 UTM projection)?:</b> | Yes <input type="checkbox"/> No <input type="checkbox"/> | Yes <input type="checkbox"/> No <input type="checkbox"/> |

**Figure 2.** *Location of compartment(s) and sub-compartments in the wider management area.*

**Figure 3.** *Topography and watercourses in the compartment(s).*

**Figure 4.** *Forest types and main access roads in the compartment(s).*

## **8. Information about the Pre-harvest Inventory (Stock Survey)**

**Table 5.** *Information about the pre-harvest inventory (stock survey).*

|  |   |  |
|--|---|--|
| <b>Survey methodology used:</b>  | FPMP <input type="checkbox"/> TFF <input type="checkbox"/> GPS <input type="checkbox"/> Pine <input type="checkbox"/>   |  |
| <b>What data was recorded in the survey for each tree (check relevant boxes):</b>  | <input type="checkbox"/> MDI Mahogany $\geq 10$ cm<br><input type="checkbox"/> MDI other species $\geq 25$ cm<br><input type="checkbox"/> Tree number<br><input type="checkbox"/> Species name<br><input type="checkbox"/> DBH (to nearest 0.1 cm)<br><input type="checkbox"/> X,Y coordinate<br><input type="checkbox"/> Stem height (to nearest 0.1 m)<br><input type="checkbox"/> Log grade<br><input type="checkbox"/> Crown position<br><input type="checkbox"/> Crown form<br><input type="checkbox"/> Climber presence<br><input type="checkbox"/> Regeneration<br><input type="checkbox"/> Seed/cone presence<br><input type="checkbox"/> Stand boundary (pine) |  |
| <b>What was the total percent of the area of the compartment(s) surveyed (a map is required showing area with transects/quadrats see Fig. 5)?:</b> |   |  |
| <b>If parts of the compartment were not surveyed, give reasons:</b>  |   |  |
| <b>Shapefile of layout of survey transects submitted with APO?:</b>  | Yes <input type="checkbox"/> No <input type="checkbox"/>  |  |
| <b>List all the species surveyed with the total number of live trees of each:</b>  | Species 1   |  |
|  | Species 2   |  |
|  | Species 3   |  |
|  | Species 4   |  |
|  | Species 5   |  |
|  | Species 6   |  |
|  | Species 7   |  |
|  | Species 8   |  |
|  | Species 9   |  |
|  | Species 10  |  |
|  | Species 11  |  |
|  | Species 12  |  |
|  | Species 13  |  |
|  | Species 14  |  |
| <b>List the number of dead trees/logs of each species found during the stock</b>   | Species 1   |  |
|  | Species 2   |  |
|  | Species 3   |  |
|  | Species 4   |  |
|  | Species 5   |  |
|  | Species 6   |  |
|  | Species 7   |  |

|  |  |  |
|--|--|--|
| <b>survey:</b>   | Species 8  |  |
|  | Species 9  |  |
|  | Species 10   |  |
|  | Species 11   |  |
|  | Species 12   |  |
|  | Species 13   |  |
|  | Species 14   |  |
| <b>Were all trees liberated of all vines?:</b>   | Yes <input type="checkbox"/> No <input type="checkbox"/> |  |
| <b>What equation was used for estimating standing round volume?:</b>                   | Give equation  |  |
| <b>What conversion factor was used to estimate sawn bdf from round m<sup>3</sup>?:</b> | Give conversion factor                                   |  |

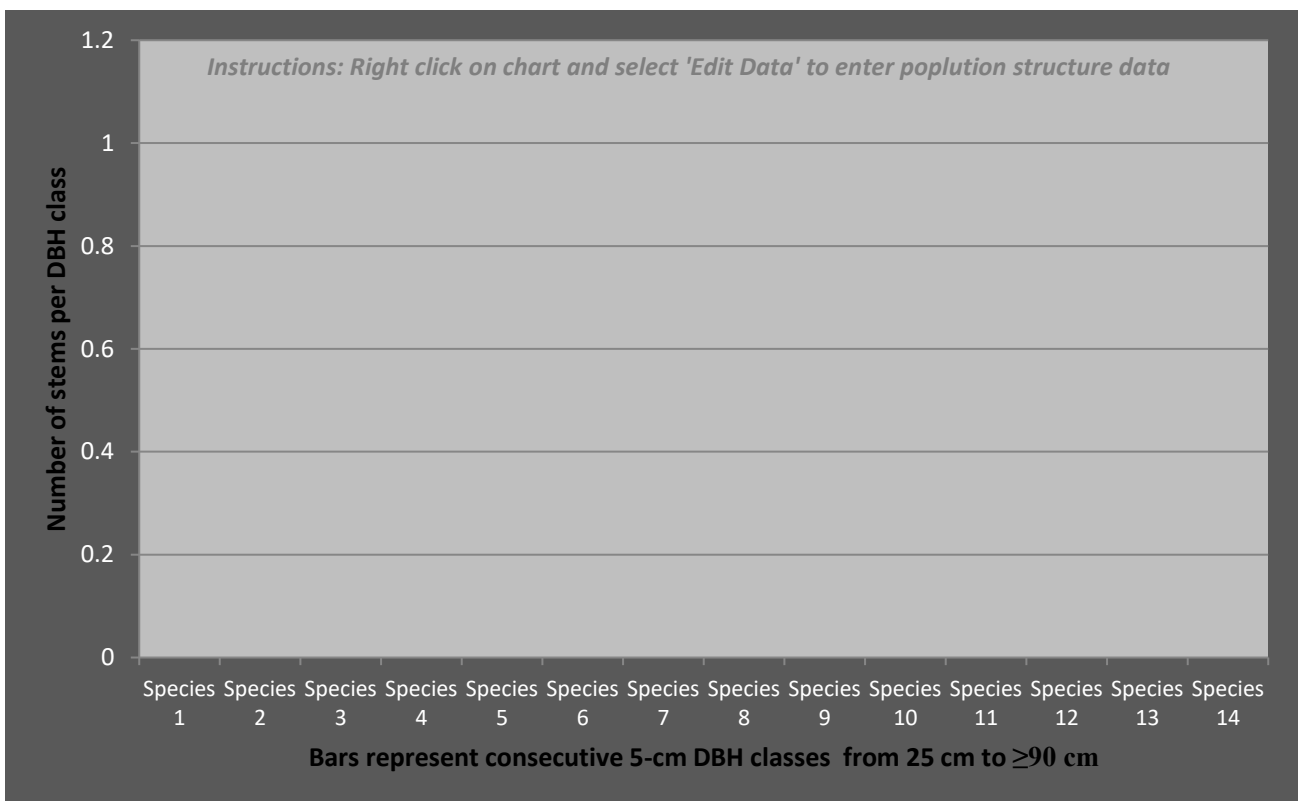
**Figure 5.** Map of compartments showing area inventoried/stock surveyed along with all transects/quadrats used in the survey, and indicating any areas not surveyed.

## 9. Results of the Pre-harvest Inventory (Stock Survey)

**Table 6.** Diametric distribution of the species showing trees from 10 cm up.

| 5cm DBH class | Spp 1 | Spp 2 | Spp 3 | Spp 4 | Spp 5 | Spp 6 | Spp 7 | Spp 8 | Spp 9 | Spp 10 | Spp 11 |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|

|            |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 10 to 14.9 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 to 19.9 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 to 24.9 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25 to 29.9 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30 to 34.9 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 35 to 39.9 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 40 to 44.9 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45 to 49.9 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 50 to 54.9 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 55 to 59.9 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 60 to 64.9 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65 to 69.9 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 70 to 74.9 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 75 to 79.9 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 80 to 84.9 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 85 to 89.9 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ≥90        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL      |  |  |  |  |  |  |  |  |  |  |  |  |  |



**Figure 6.** Population structure of the species showing trees from 25 cm up.

**Figure 7.** Map showing the distribution of all trees of all sizes measured in the survey (need not distinguish different species).

## 10. Determination of the Cutting Cycle, Minimum Cutting Diameter and Allowable Cut

**Table 7.** *Determination of the cutting cycle and minimum cutting diameters.*

|   |   |
|---|---|
| What is the cutting cycle length for the compartment(s)?: |   |
| How was the cutting cycle length determined?:             | <input type="checkbox"/> FPMP 40 years<br><input type="checkbox"/> Based on the sustainable yield analysis of |

|   |  |  |
|---|--|--|
|   | Mahogany (see Table 7)   |  |
|   | <input type="checkbox"/> Other method (specify: )  |  |
| <b>What is the MCD for each species?:</b> | Species 1  |  |
|   | Species 2  |  |
|   | Species 3  |  |
|   | Species 4  |  |
|   | Species 5  |  |
|   | Species 6  |  |
|   | Species 7  |  |
|   | Species 8  |  |
|   | Species 9  |  |
|   | Species 10   |  |
|   | Species 11   |  |
|   | Species 12   |  |
|   | Species 13   |  |
|   | Species 14   |  |
| <b>How was the MCD determined?:</b>       | <input type="checkbox"/> Adopted from Forest Rules<br><br><input type="checkbox"/> Based on analysis of peak periodic annual increment<br><br><input type="checkbox"/> Based on the sustainable yield analysis of each species (see Table 7)<br><br><input type="checkbox"/> Other (specify: ) |  |

Insert the relevant allowable cut data in the tables below (one for each species), which are obtained from the sustainable yield models:

**Table 8.** *Determination of the Allowable Cut (Sustainable Yield).*

| Presentation of Allowable Cut for Species 1 |                      |      |                   |                      |                       |      |                   |                      |
|---|----------------------|------|-------------------|----------------------|-----------------------|------|-------------------|----------------------|
|   | Present              |      |                   |                      | At next cutting cycle |      |                   |                      |
| 5cm DBH class                               | Stocking (no. trees) | CI % | Yield (no. trees) | Residual (no. trees) | Stocking (no. trees)  | CI % | Yield (no. trees) | Residual (no. trees) |
| 10 to 14.9                                  |                      |      |                   |                      |                       |      |                   |                      |
| 15 to 19.9                                  |                      |      |                   |                      |                       |      |                   |                      |
| 20 to 24.9                                  |                      |      |                   |                      |                       |      |                   |                      |
| 25 to 29.9                                  |                      |      |                   |                      |                       |      |                   |                      |
| 30 to 34.9                                  |                      |      |                   |                      |                       |      |                   |                      |
| 35 to 39.9                                  |                      |      |                   |                      |                       |      |                   |                      |
| 40 to 44.9                                  |                      |      |                   |                      |                       |      |                   |                      |

|            |  |  |  |  |  |  |  |  |
|------------|--|--|--|--|--|--|--|--|
| 45 to 49.9 |  |  |  |  |  |  |  |  |
| 50 to 54.9 |  |  |  |  |  |  |  |  |
| 55 to 59.9 |  |  |  |  |  |  |  |  |
| 60 to 64.9 |  |  |  |  |  |  |  |  |
| 65 to 69.9 |  |  |  |  |  |  |  |  |
| 70 to 74.9 |  |  |  |  |  |  |  |  |
| 75 to 79.9 |  |  |  |  |  |  |  |  |
| 80 to 84.9 |  |  |  |  |  |  |  |  |
| 85 to 89.9 |  |  |  |  |  |  |  |  |
| ≥90        |  |  |  |  |  |  |  |  |
| TOTAL      |  |  |  |  |  |  |  |  |

### Presentation of Allowable Cut for Species 2

|               | Present                 |      |                      |                         | At next cutting cycle   |      |                      |                         |
|---------------|-------------------------|------|----------------------|-------------------------|-------------------------|------|----------------------|-------------------------|
| 5cm DBH class | Stocking<br>(no. trees) | CI % | Yield<br>(no. trees) | Residual<br>(no. trees) | Stocking<br>(no. trees) | CI % | Yield<br>(no. trees) | Residual<br>(no. trees) |
| 10 to 14.9    |                         |      |                      |                         |                         |      |                      |                         |
| 15 to 19.9    |                         |      |                      |                         |                         |      |                      |                         |
| 20 to 24.9    |                         |      |                      |                         |                         |      |                      |                         |
| 25 to 29.9    |                         |      |                      |                         |                         |      |                      |                         |
| 30 to 34.9    |                         |      |                      |                         |                         |      |                      |                         |
| 35 to 39.9    |                         |      |                      |                         |                         |      |                      |                         |
| 40 to 44.9    |                         |      |                      |                         |                         |      |                      |                         |
| 45 to 49.9    |                         |      |                      |                         |                         |      |                      |                         |
| 50 to 54.9    |                         |      |                      |                         |                         |      |                      |                         |
| 55 to 59.9    |                         |      |                      |                         |                         |      |                      |                         |
| 60 to 64.9    |                         |      |                      |                         |                         |      |                      |                         |
| 65 to 69.9    |                         |      |                      |                         |                         |      |                      |                         |
| 70 to 74.9    |                         |      |                      |                         |                         |      |                      |                         |
| 75 to 79.9    |                         |      |                      |                         |                         |      |                      |                         |
| 80 to 84.9    |                         |      |                      |                         |                         |      |                      |                         |
| 85 to 89.9    |                         |      |                      |                         |                         |      |                      |                         |
| ≥90           |                         |      |                      |                         |                         |      |                      |                         |
| TOTAL         |                         |      |                      |                         |                         |      |                      |                         |

### Presentation of Allowable Cut for Species 3

|               | Present                 |      |                      |                         | At next cutting cycle   |      |                      |                         |
|---------------|-------------------------|------|----------------------|-------------------------|-------------------------|------|----------------------|-------------------------|
| 5cm DBH class | Stocking<br>(no. trees) | CI % | Yield<br>(no. trees) | Residual<br>(no. trees) | Stocking<br>(no. trees) | CI % | Yield<br>(no. trees) | Residual<br>(no. trees) |
| 10 to 14.9    |                         |      |                      |                         |                         |      |                      |                         |
| 15 to 19.9    |                         |      |                      |                         |                         |      |                      |                         |
| 20 to 24.9    |                         |      |                      |                         |                         |      |                      |                         |
| 25 to 29.9    |                         |      |                      |                         |                         |      |                      |                         |
| 30 to 34.9    |                         |      |                      |                         |                         |      |                      |                         |
| 35 to 39.9    |                         |      |                      |                         |                         |      |                      |                         |
| 40 to 44.9    |                         |      |                      |                         |                         |      |                      |                         |
| 45 to 49.9    |                         |      |                      |                         |                         |      |                      |                         |
| 50 to 54.9    |                         |      |                      |                         |                         |      |                      |                         |
| 55 to 59.9    |                         |      |                      |                         |                         |      |                      |                         |
| 60 to 64.9    |                         |      |                      |                         |                         |      |                      |                         |
| 65 to 69.9    |                         |      |                      |                         |                         |      |                      |                         |
| 70 to 74.9    |                         |      |                      |                         |                         |      |                      |                         |
| 75 to 79.9    |                         |      |                      |                         |                         |      |                      |                         |
| 80 to 84.9    |                         |      |                      |                         |                         |      |                      |                         |
| 85 to 89.9    |                         |      |                      |                         |                         |      |                      |                         |
| ≥90           |                         |      |                      |                         |                         |      |                      |                         |
| TOTAL         |                         |      |                      |                         |                         |      |                      |                         |

| Presentation of Allowable Cut for Species 4 |                         |      |                      |                         |                         |      |                      |                         |
|---|-------------------------|------|----------------------|-------------------------|-------------------------|------|----------------------|-------------------------|
|   | Present                 |      |                      |                         | At next cutting cycle   |      |                      |                         |
| 5cm DBH class                               | Stocking<br>(no. trees) | CI % | Yield<br>(no. trees) | Residual<br>(no. trees) | Stocking<br>(no. trees) | CI % | Yield<br>(no. trees) | Residual<br>(no. trees) |
| 10 to 14.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 15 to 19.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 20 to 24.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 25 to 29.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 30 to 34.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 35 to 39.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 40 to 44.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 45 to 49.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 50 to 54.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 55 to 59.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 60 to 64.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 65 to 69.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 70 to 74.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 75 to 79.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 80 to 84.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 85 to 89.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| ≥90   |                         |      |                      |                         |                         |      |                      |                         |
| TOTAL                                       |                         |      |                      |                         |                         |      |                      |                         |
| Presentation of Allowable Cut for Species 5 |                         |      |                      |                         |                         |      |                      |                         |
|   | Present                 |      |                      |                         | At next cutting cycle   |      |                      |                         |
| 5cm DBH class                               | Stocking<br>(no. trees) | CI % | Yield<br>(no. trees) | Residual<br>(no. trees) | Stocking<br>(no. trees) | CI % | Yield<br>(no. trees) | Residual<br>(no. trees) |
| 10 to 14.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 15 to 19.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 20 to 24.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 25 to 29.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 30 to 34.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 35 to 39.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 40 to 44.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 45 to 49.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 50 to 54.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 55 to 59.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 60 to 64.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 65 to 69.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 70 to 74.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 75 to 79.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 80 to 84.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 85 to 89.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| ≥90   |                         |      |                      |                         |                         |      |                      |                         |
| TOTAL                                       |                         |      |                      |                         |                         |      |                      |                         |
| Presentation of Allowable Cut for Species 6 |                         |      |                      |                         |                         |      |                      |                         |
|   | Present                 |      |                      |                         | At next cutting cycle   |      |                      |                         |
| 5cm DBH class                               | Stocking<br>(no. trees) | CI % | Yield<br>(no. trees) | Residual<br>(no. trees) | Stocking<br>(no. trees) | CI % | Yield<br>(no. trees) | Residual<br>(no. trees) |
| 10 to 14.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 15 to 19.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 20 to 24.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 25 to 29.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 30 to 34.9                                  |                         |      |                      |                         |                         |      |                      |                         |
| 35 to 39.9                                  |                         |      |                      |                         |                         |      |                      |                         |

|            |  |  |  |  |  |  |  |  |
|------------|--|--|--|--|--|--|--|--|
| 40 to 44.9 |  |  |  |  |  |  |  |  |
| 45 to 49.9 |  |  |  |  |  |  |  |  |
| 50 to 54.9 |  |  |  |  |  |  |  |  |
| 55 to 59.9 |  |  |  |  |  |  |  |  |
| 60 to 64.9 |  |  |  |  |  |  |  |  |
| 65 to 69.9 |  |  |  |  |  |  |  |  |
| 70 to 74.9 |  |  |  |  |  |  |  |  |
| 75 to 79.9 |  |  |  |  |  |  |  |  |
| 80 to 84.9 |  |  |  |  |  |  |  |  |
| 85 to 89.9 |  |  |  |  |  |  |  |  |
| ≥90        |  |  |  |  |  |  |  |  |
| TOTAL      |  |  |  |  |  |  |  |  |

### Presentation of Allowable Cut for Species 7

|               | Present              |      |                   |                      | At next cutting cycle |      |                   |                      |
|---------------|----------------------|------|-------------------|----------------------|-----------------------|------|-------------------|----------------------|
| 5cm DBH class | Stocking (no. trees) | CI % | Yield (no. trees) | Residual (no. trees) | Stocking (no. trees)  | CI % | Yield (no. trees) | Residual (no. trees) |
| 10 to 14.9    |                      |      |                   |                      |                       |      |                   |                      |
| 15 to 19.9    |                      |      |                   |                      |                       |      |                   |                      |
| 20 to 24.9    |                      |      |                   |                      |                       |      |                   |                      |
| 25 to 29.9    |                      |      |                   |                      |                       |      |                   |                      |
| 30 to 34.9    |                      |      |                   |                      |                       |      |                   |                      |
| 35 to 39.9    |                      |      |                   |                      |                       |      |                   |                      |
| 40 to 44.9    |                      |      |                   |                      |                       |      |                   |                      |
| 45 to 49.9    |                      |      |                   |                      |                       |      |                   |                      |
| 50 to 54.9    |                      |      |                   |                      |                       |      |                   |                      |
| 55 to 59.9    |                      |      |                   |                      |                       |      |                   |                      |
| 60 to 64.9    |                      |      |                   |                      |                       |      |                   |                      |
| 65 to 69.9    |                      |      |                   |                      |                       |      |                   |                      |
| 70 to 74.9    |                      |      |                   |                      |                       |      |                   |                      |
| 75 to 79.9    |                      |      |                   |                      |                       |      |                   |                      |
| 80 to 84.9    |                      |      |                   |                      |                       |      |                   |                      |
| 85 to 89.9    |                      |      |                   |                      |                       |      |                   |                      |
| ≥90           |                      |      |                   |                      |                       |      |                   |                      |
| TOTAL         |                      |      |                   |                      |                       |      |                   |                      |

### Presentation of Allowable Cut for Species 8

|               | Present              |      |                   |                      | At next cutting cycle |      |                   |                      |
|---------------|----------------------|------|-------------------|----------------------|-----------------------|------|-------------------|----------------------|
| 5cm DBH class | Stocking (no. trees) | CI % | Yield (no. trees) | Residual (no. trees) | Stocking (no. trees)  | CI % | Yield (no. trees) | Residual (no. trees) |
| 10 to 14.9    |                      |      |                   |                      |                       |      |                   |                      |
| 15 to 19.9    |                      |      |                   |                      |                       |      |                   |                      |
| 20 to 24.9    |                      |      |                   |                      |                       |      |                   |                      |
| 25 to 29.9    |                      |      |                   |                      |                       |      |                   |                      |
| 30 to 34.9    |                      |      |                   |                      |                       |      |                   |                      |
| 35 to 39.9    |                      |      |                   |                      |                       |      |                   |                      |
| 40 to 44.9    |                      |      |                   |                      |                       |      |                   |                      |
| 45 to 49.9    |                      |      |                   |                      |                       |      |                   |                      |
| 50 to 54.9    |                      |      |                   |                      |                       |      |                   |                      |
| 55 to 59.9    |                      |      |                   |                      |                       |      |                   |                      |
| 60 to 64.9    |                      |      |                   |                      |                       |      |                   |                      |
| 65 to 69.9    |                      |      |                   |                      |                       |      |                   |                      |
| 70 to 74.9    |                      |      |                   |                      |                       |      |                   |                      |
| 75 to 79.9    |                      |      |                   |                      |                       |      |                   |                      |
| 80 to 84.9    |                      |      |                   |                      |                       |      |                   |                      |
| 85 to 89.9    |                      |      |                   |                      |                       |      |                   |                      |
| ≥90           |                      |      |                   |                      |                       |      |                   |                      |

|   |                                 |             |                              |                                 |                                 |             |                              |                                 |
|---|---------------------------------|-------------|------------------------------|---------------------------------|---------------------------------|-------------|------------------------------|---------------------------------|
| TOTAL   |                                 |             |                              |                                 |                                 |             |                              |                                 |
| <b>Presentation of Allowable Cut for Species 9</b>  |                                 |             |                              |                                 |                                 |             |                              |                                 |
|   | <b>Present</b>                  |             |                              |                                 | <b>At next cutting cycle</b>    |             |                              |                                 |
| <b>5cm DBH class</b>                                | <b>Stocking<br/>(no. trees)</b> | <b>CI %</b> | <b>Yield<br/>(no. trees)</b> | <b>Residual<br/>(no. trees)</b> | <b>Stocking<br/>(no. trees)</b> | <b>CI %</b> | <b>Yield<br/>(no. trees)</b> | <b>Residual<br/>(no. trees)</b> |
| 10 to 14.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 15 to 19.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 20 to 24.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 25 to 29.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 30 to 34.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 35 to 39.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 40 to 44.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 45 to 49.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 50 to 54.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 55 to 59.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 60 to 64.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 65 to 69.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 70 to 74.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 75 to 79.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 80 to 84.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 85 to 89.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| ≥90   |                                 |             |                              |                                 |                                 |             |                              |                                 |
| TOTAL   |                                 |             |                              |                                 |                                 |             |                              |                                 |
| <b>Presentation of Allowable Cut for Species 10</b> |                                 |             |                              |                                 |                                 |             |                              |                                 |
|   | <b>Present</b>                  |             |                              |                                 | <b>At next cutting cycle</b>    |             |                              |                                 |
| <b>5cm DBH class</b>                                | <b>Stocking<br/>(no. trees)</b> | <b>CI %</b> | <b>Yield<br/>(no. trees)</b> | <b>Residual<br/>(no. trees)</b> | <b>Stocking<br/>(no. trees)</b> | <b>CI %</b> | <b>Yield<br/>(no. trees)</b> | <b>Residual<br/>(no. trees)</b> |
| 10 to 14.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 15 to 19.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 20 to 24.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 25 to 29.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 30 to 34.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 35 to 39.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 40 to 44.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 45 to 49.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 50 to 54.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 55 to 59.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 60 to 64.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 65 to 69.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 70 to 74.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 75 to 79.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 80 to 84.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 85 to 89.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| ≥90   |                                 |             |                              |                                 |                                 |             |                              |                                 |
| TOTAL   |                                 |             |                              |                                 |                                 |             |                              |                                 |
| <b>Presentation of Allowable Cut for Species 11</b> |                                 |             |                              |                                 |                                 |             |                              |                                 |
|   | <b>Present</b>                  |             |                              |                                 | <b>At next cutting cycle</b>    |             |                              |                                 |
| <b>5cm DBH class</b>                                | <b>Stocking<br/>(no. trees)</b> | <b>CI %</b> | <b>Yield<br/>(no. trees)</b> | <b>Residual<br/>(no. trees)</b> | <b>Stocking<br/>(no. trees)</b> | <b>CI %</b> | <b>Yield<br/>(no. trees)</b> | <b>Residual<br/>(no. trees)</b> |
| 10 to 14.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 15 to 19.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 20 to 24.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 25 to 29.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 30 to 34.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |

|            |  |  |  |  |  |  |  |  |
|------------|--|--|--|--|--|--|--|--|
| 35 to 39.9 |  |  |  |  |  |  |  |  |
| 40 to 44.9 |  |  |  |  |  |  |  |  |
| 45 to 49.9 |  |  |  |  |  |  |  |  |
| 50 to 54.9 |  |  |  |  |  |  |  |  |
| 55 to 59.9 |  |  |  |  |  |  |  |  |
| 60 to 64.9 |  |  |  |  |  |  |  |  |
| 65 to 69.9 |  |  |  |  |  |  |  |  |
| 70 to 74.9 |  |  |  |  |  |  |  |  |
| 75 to 79.9 |  |  |  |  |  |  |  |  |
| 80 to 84.9 |  |  |  |  |  |  |  |  |
| 85 to 89.9 |  |  |  |  |  |  |  |  |
| ≥90        |  |  |  |  |  |  |  |  |
| TOTAL      |  |  |  |  |  |  |  |  |

### Presentation of Allowable Cut for Species 12

|               | Present                 |      |                      |                         | At next cutting cycle   |      |                      |                         |
|---------------|-------------------------|------|----------------------|-------------------------|-------------------------|------|----------------------|-------------------------|
| 5cm DBH class | Stocking<br>(no. trees) | CI % | Yield<br>(no. trees) | Residual<br>(no. trees) | Stocking<br>(no. trees) | CI % | Yield<br>(no. trees) | Residual<br>(no. trees) |
| 10 to 14.9    |                         |      |                      |                         |                         |      |                      |                         |
| 15 to 19.9    |                         |      |                      |                         |                         |      |                      |                         |
| 20 to 24.9    |                         |      |                      |                         |                         |      |                      |                         |
| 25 to 29.9    |                         |      |                      |                         |                         |      |                      |                         |
| 30 to 34.9    |                         |      |                      |                         |                         |      |                      |                         |
| 35 to 39.9    |                         |      |                      |                         |                         |      |                      |                         |
| 40 to 44.9    |                         |      |                      |                         |                         |      |                      |                         |
| 45 to 49.9    |                         |      |                      |                         |                         |      |                      |                         |
| 50 to 54.9    |                         |      |                      |                         |                         |      |                      |                         |
| 55 to 59.9    |                         |      |                      |                         |                         |      |                      |                         |
| 60 to 64.9    |                         |      |                      |                         |                         |      |                      |                         |
| 65 to 69.9    |                         |      |                      |                         |                         |      |                      |                         |
| 70 to 74.9    |                         |      |                      |                         |                         |      |                      |                         |
| 75 to 79.9    |                         |      |                      |                         |                         |      |                      |                         |
| 80 to 84.9    |                         |      |                      |                         |                         |      |                      |                         |
| 85 to 89.9    |                         |      |                      |                         |                         |      |                      |                         |
| ≥90           |                         |      |                      |                         |                         |      |                      |                         |
| TOTAL         |                         |      |                      |                         |                         |      |                      |                         |

### Presentation of Allowable Cut for Species 13

|               | Present                 |      |                      |                         | At next cutting cycle   |      |                      |                         |
|---------------|-------------------------|------|----------------------|-------------------------|-------------------------|------|----------------------|-------------------------|
| 5cm DBH class | Stocking<br>(no. trees) | CI % | Yield<br>(no. trees) | Residual<br>(no. trees) | Stocking<br>(no. trees) | CI % | Yield<br>(no. trees) | Residual<br>(no. trees) |
| 10 to 14.9    |                         |      |                      |                         |                         |      |                      |                         |
| 15 to 19.9    |                         |      |                      |                         |                         |      |                      |                         |
| 20 to 24.9    |                         |      |                      |                         |                         |      |                      |                         |
| 25 to 29.9    |                         |      |                      |                         |                         |      |                      |                         |
| 30 to 34.9    |                         |      |                      |                         |                         |      |                      |                         |
| 35 to 39.9    |                         |      |                      |                         |                         |      |                      |                         |
| 40 to 44.9    |                         |      |                      |                         |                         |      |                      |                         |
| 45 to 49.9    |                         |      |                      |                         |                         |      |                      |                         |
| 50 to 54.9    |                         |      |                      |                         |                         |      |                      |                         |
| 55 to 59.9    |                         |      |                      |                         |                         |      |                      |                         |
| 60 to 64.9    |                         |      |                      |                         |                         |      |                      |                         |
| 65 to 69.9    |                         |      |                      |                         |                         |      |                      |                         |
| 70 to 74.9    |                         |      |                      |                         |                         |      |                      |                         |
| 75 to 79.9    |                         |      |                      |                         |                         |      |                      |                         |
| 80 to 84.9    |                         |      |                      |                         |                         |      |                      |                         |
| 85 to 89.9    |                         |      |                      |                         |                         |      |                      |                         |

|   |                                 |             |                              |                                 |                                 |             |                              |                                 |
|---|---------------------------------|-------------|------------------------------|---------------------------------|---------------------------------|-------------|------------------------------|---------------------------------|
| ≥90   |                                 |             |                              |                                 |                                 |             |                              |                                 |
| TOTAL   |                                 |             |                              |                                 |                                 |             |                              |                                 |
| <b>Presentation of Allowable Cut for Species 14</b> |                                 |             |                              |                                 |                                 |             |                              |                                 |
|   | <b>Present</b>                  |             |                              |                                 | <b>At next cutting cycle</b>    |             |                              |                                 |
| <b>5cm DBH class</b>                                | <b>Stocking<br/>(no. trees)</b> | <b>CI %</b> | <b>Yield<br/>(no. trees)</b> | <b>Residual<br/>(no. trees)</b> | <b>Stocking<br/>(no. trees)</b> | <b>CI %</b> | <b>Yield<br/>(no. trees)</b> | <b>Residual<br/>(no. trees)</b> |
| 10 to 14.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 15 to 19.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 20 to 24.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 25 to 29.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 30 to 34.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 35 to 39.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 40 to 44.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 45 to 49.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 50 to 54.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 55 to 59.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 60 to 64.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 65 to 69.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 70 to 74.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 75 to 79.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 80 to 84.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| 85 to 89.9  |                                 |             |                              |                                 |                                 |             |                              |                                 |
| ≥90   |                                 |             |                              |                                 |                                 |             |                              |                                 |
| TOTAL   |                                 |             |                              |                                 |                                 |             |                              |                                 |

## 11. Allocation of Crop, Future, Seed and Reserve Trees

**Table 9.** *Allocation of tree populations into functional categories.*

| Species    | Crop Trees | Future Trees | Seed Trees | Reserve Trees | Preserve Trees | Residual Stocking % | Salvage |
|------------|------------|--------------|------------|---------------|----------------|---------------------|---------|
| Species 1  |            |              |            |               |                | (F+S+R+P)/Total     |         |
| Species 2  |            |              |            |               |                |                     |         |
| Species 3  |            |              |            |               |                |                     |         |
| Species 4  |            |              |            |               |                |                     |         |
| Species 5  |            |              |            |               |                |                     |         |
| Species 6  |            |              |            |               |                |                     |         |
| Species 7  |            |              |            |               |                |                     |         |
| Species 8  |            |              |            |               |                |                     |         |
| Species 9  |            |              |            |               |                |                     |         |
| Species 10 |            |              |            |               |                |                     |         |
| Species 11 |            |              |            |               |                |                     |         |
| Species 12 |            |              |            |               |                |                     |         |
| Species 13 |            |              |            |               |                |                     |         |
| Species 14 |            |              |            |               |                |                     |         |

**Table 10.** *Identification and marking of seed, crop, future, and reserve trees.*

|  |   |
|--|---|
| <b>Where and how were seed trees identified?:</b>                                      | <input type="checkbox"/> In the field by observing tree crown and stem form<br><input type="checkbox"/> In the office, using an algorithm that assesses Dawkins tree crown and stem form, followed by uniformed distribution in the GIS |
| <b>After seed trees were identified in the office, were they marked in the field?:</b> | Yes <input type="checkbox"/> No <input type="checkbox"/>  |
| <b>How were seed trees marked in the field, and if they were not, why?:</b>            |   |
| <b>Were crop trees marked in the field?:</b>   | Yes <input type="checkbox"/> No <input type="checkbox"/>  |
| <b>How were crop trees marked in the field, and if they were not, why?:</b>            |   |
| <b>Were future trees marked in the field?:</b>   | Yes <input type="checkbox"/> No <input type="checkbox"/>  |
| <b>How were future trees marked in the field, and if they were not, why?:</b>          |   |
| <b>Were reserve trees marked in the field?:</b>  | Yes <input type="checkbox"/> No <input type="checkbox"/>  |
| <b>How were reserve trees marked in the field, and if they were not, why?:</b>         |   |

## 12. Planning of the Harvest and Volume Projections by Size Classes

**Table 11.** *Planning of skidding and harvesting.*

|  |   |
|--|---|
| <b>How were skid trails designed?:</b>   | <input type="checkbox"/> In the office, following allocation<br><input type="checkbox"/> In the field, following allocation in the office                       |
| <b>What types of skidders will be used?:</b>   | <input type="checkbox"/> Rubber-wheeled articulating<br><input type="checkbox"/> Tracked<br><input type="checkbox"/> Bulldozer (if used, state number and type) |
| <b>Will directional felling be practiced?:</b>   | Yes <input type="checkbox"/> No <input type="checkbox"/>  |
| <b>Have stock maps been prepared at a minimum scale of 1:6,000, by sub-compartments (see Fig. 8)?:</b> | Yes <input type="checkbox"/> No <input type="checkbox"/>  |
| <b>Has the detailed tree list been included in Annex II (digital)?</b>                                 | Yes <input type="checkbox"/> No <input type="checkbox"/>  |

**Table 12a.** *Summary of the projected harvest volumes by size class.*

| Species   | Value          | 30 to 34.9 | 35 to 39.9 | 40 to 44.9 | 45 to 49.9 | 50 to 54.9 | 55 to 59.9 | 60 to 64.9 | 65 to 69.9 | 70 to 74.9 | 75 to 79.9 | 80 to 84.9 | 85 to 89.9 | ≥90 | Total |
|-----------|----------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----|-------|
| Species 1 | Trees          |            |            |            |            |            |            |            |            |            |            |            |            |     |       |
|           | m <sup>3</sup> |            |            |            |            |            |            |            |            |            |            |            |            |     |       |
|           | bdf            |            |            |            |            |            |            |            |            |            |            |            |            |     |       |
| Species 2 | Trees          |            |            |            |            |            |            |            |            |            |            |            |            |     |       |

|            |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------------|----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|            | m <sup>3</sup> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | bdf            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | Trees          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Species 3  | m <sup>3</sup> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | bdf            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | Trees          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Species 4  | m <sup>3</sup> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | bdf            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | Trees          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Species 5  | m <sup>3</sup> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | bdf            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | Trees          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Species 6  | m <sup>3</sup> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | bdf            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | Trees          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Species 7  | m <sup>3</sup> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | bdf            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | Trees          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Species 8  | m <sup>3</sup> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | bdf            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | Trees          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Species 9  | m <sup>3</sup> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | bdf            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | Trees          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Species 10 | m <sup>3</sup> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | bdf            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | Trees          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Species 11 | m <sup>3</sup> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | bdf            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | Trees          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Species 12 | m <sup>3</sup> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | bdf            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | Trees          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Species 13 | m <sup>3</sup> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | bdf            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | Trees          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Species 14 | m <sup>3</sup> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | bdf            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | Trees          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Table 12b.** *Summary of the salvage volumes by size class.*

| Species   | Value          | 30<br>to<br>34.9 | 35<br>to<br>39.9 | 40<br>to<br>44.9 | 45<br>to<br>49.9 | 50<br>to<br>54.9 | 55<br>to<br>59.9 | 60<br>to<br>64.9 | 65<br>to<br>69.9 | 70<br>to<br>74.9 | 75<br>to<br>79.9 | 80<br>to<br>84.9 | 85<br>to<br>89.9 | ≥90 | Total |
|-----------|----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----|-------|
| Species 1 | Trees          |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |     |       |
|           | m <sup>3</sup> |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |     |       |
|           | bdf            |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |     |       |
| Species 2 | Trees          |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |     |       |
|           | m <sup>3</sup> |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |     |       |
|           | bdf            |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |     |       |
| Species 3 | Trees          |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |     |       |
|           | m <sup>3</sup> |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |     |       |
|           | bdf            |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |     |       |
| Species 4 | Trees          |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |     |       |
|           | m <sup>3</sup> |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |     |       |
|           | bdf            |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |     |       |
| Species 5 | Trees          |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |     |       |
|           | m <sup>3</sup> |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |     |       |
|           | bdf            |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |     |       |
| Species 6 | Trees          |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |     |       |

|            |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------------|----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|            | m <sup>3</sup> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | bdf            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Species 7  | Trees          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | m <sup>3</sup> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Species 8  | bdf            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | Trees          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Species 9  | m <sup>3</sup> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | bdf            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Species 10 | Trees          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | m <sup>3</sup> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Species 11 | bdf            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | Trees          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Species 12 | m <sup>3</sup> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | bdf            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Species 13 | Trees          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | m <sup>3</sup> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Species 14 | bdf            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | Trees          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Table 13.** *Summary of the projected residual growing stock (future + seed + reserve trees) by size class.*

| Species    | Value          | 10 to 14.9 | 15 to 19.9 | 20 to 24.9 | 25 to 29.9 | 30 to 34.9 | 35 to 39.9 | 40 to 44.9 | 45 to 49.9 | 50 to 54.9 | 55 to 59.9 | 60 to 64.9 | 65 to 69.9 | 70 to 74.9 | 75 to 79.9 | 80 to 84.9 | 85 to 89.9 | ≥90 | Total |
|------------|----------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----|-------|
| Species 1  | Trees          |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |     |       |
|            | m <sup>3</sup> |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |     |       |
| Species 2  |                |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |     |       |
| Species 3  |                |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |     |       |
| Species 4  |                |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |     |       |
| Species 5  |                |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |     |       |
| Species 6  |                |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |     |       |
| Species 7  |                |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |     |       |
| Species 8  |                |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |     |       |
| Species 9  |                |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |     |       |
| Species 10 |                |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |     |       |
| Species 11 |                |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |     |       |
| Species 12 |                |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |     |       |
| Species 13 |                |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |     |       |
| Species    |                |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |     |       |

|    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

**Figure 8.** Stock map (minimum scale 1:6,000) by sub-compartment(s) showing location of all crop, future, seed and reserve trees, watercourses and their buffers, unloggable zones, access and extraction roads and their water crossings, skid trails and barquadiers.

## **13. Annexes**

**Annex I.** *Log source to Barquadier tracking form from previous year's APO (digital submission).*

**Annex II.** *Total tree list (Future, Crop, Seed, Reserve, Preserve, and Salvage) for the current APO (digital submission).*

[illegible]



## Using the general yield model version 3 to select the yield.

| Steps |   | What the model does  |
|-------|---|--|
| 1     | <b>Import population data:</b> In the sheet named <Annex II Trees> import Annex II formatted data for species X. Ensure that data are in the right columns. Make sure that the Fxn column is empty.   | The model calculates seed tree suitability, stem volume and crown volume where appropriate.  |
| 2     | <b>Set model parameters:</b> In the sheet named <Model parameters> specify the required parameters in the yellow boxes. Choose the appropriate species group, set the cutting cycle, input the size the annual cutting compartment, and specify the MCD to be used.   | Based on the parameters entered, the model calculates required seed trees and restocking threshold. It then displays the growth model coefficients as well as the mortality rates to be used in population modelling. The model then estimates the diameter of each tree at the specified cutting cycle. It then kills off trees based on the mortality rate in order to estimate a population at the specified cutting cycle. It subtracts the present from the future population to estimate accrument within merchantable size classes based on the specified MCD. The accrument is used as an indicative yield and the model then estimates how many trees can be cut from each diameter class to make up this indicative yield now and in the future. |
| 3     | <b>Seed tree selection:</b> Prior to yield selection, the required number of seed trees need to be designated. In the sheet named <Annex II Trees>, use the Seed Tree Suitability (STS) index to select the required number of seed trees that have an STS score of 65% or greater by entering "Seed" into the "Fxn" column for each.   | The model checks that the required number of seed trees are selected.  |
| 4     | <b>Set desired yield:</b> In the sheet named <Yield Analysis> examine accrument and indicative yield. To check if the indicative yield is a good starting point for crop selection, the future yield should not be more than half of the future residual stocking. If it is more than half, then enter a "User specified yield" in the yellow box that is less than the indicative yield. Continue to enter | The model tries to determine a present indicative yield equal to the accrument while respecting a maximum cutting intensity of 80%. The indicative yield may therefore be less than the accrument. If a "User specified yield" is entered, the model uses that instead of the accrument to estimate the present and future yield from each diameter class. The   |



|   |   |   |
|---|---|---|
|   | different iterations until the future yield is approximately half of the future residual stocking. Note the "Indicative yield" column is now called "User specified yield". Only here is it a criteria for the future yield to be not more than half of the future residual stocking. This is the starting point for crop selection, but after crop selection the same principle does not apply.  | name of Column D then changes from "Indicative yield" to "User specified yield".  |
| 5 | <b>Crop selection:</b> In the sheet named <Annex II Trees>, examine the "Indicative yield" or "User specified yield" column, whichever the case may be. Note the number of trees from each diameter class that comprises the yield. Now go to the sheet named <Annex II Trees> and select the corresponding number of crop trees from each diameter class by entering "Crop" into the "Fxn" column. Note that in some cases it may not be possible to find all the crop trees due to stem quality, etc. | The model then calculates "Actual CI%" and "Actual Yield" which are based on what the user selects as the final "Crop" in the sheet named <Annex II Trees>. The model then kills of the trees selected as crop and grows the rest to the next cutting cycle. The model also kills of other trees based on the natural mortality rate. The model then attempts to cut the same number of trees comprising the present yield from the population at the next cutting cycle. It then calculates the residual stocking. |
| 6 | <b>Sustainability checks:</b> In the sheet named <Yield Analysis> check to make sure all values read "Yes" under the heading "Does the harvest meet all numerical criteria?". If not, adjust the crop selection until they do.  | Here, the model checks that the restocking threshold is met at present and at the next felling cycle. It also checks that the required number of seed trees were selected. Finally, it checks whether the yield at the next felling cycle is more or less equal to the present yield.   |
| 7 | <b>Classify the residual trees:</b> In the sheet named <Annex II Trees> designate all other trees as either Future, Reserve, Preserve, Salvage or Dead, as appropriate, in the "Fxn" column.  | The model then calculates the harvest and residual volumes.   |

**Company:****LTFL #:****APO Year:****Reviewed on:** 14 January 2019 (Submission 1)

| Section | Proposed Content  | Complete<br>(Yes or No) | Quality<br>(1-3) | Recommendations<br>/Reservations |
|---------|---|-------------------------|------------------|----------------------------------|
| 1       | <b>Cutting Permit</b> showing that the APO is an integral part of the permit  |                         |                  |                                  |
| 2       | <b>Cover page</b> with company name, license number, license duration, license area, operational year   |                         |                  |                                  |
| 3       | <b>Professional certification</b> of APO preparer   |                         |                  |                                  |
| 4       | <b>Basic information about the Forest Management Area</b> which shows whether a management plan is in place, period covered by the plan, date of last forest inventory, and contact person for the plan.  |                         |                  |                                  |
| 5 *     | <b>Report on previous year's operations</b> as stated in the APO for that year including: compartment number worked, challenges, setbacks, opportunities, trainings, pests, fires, natural disasters, accidents, silvicultural treatments undertaken, map of actual roads constructed and used, map of actual barquadiers opened, map of actual skid trails opened, a harvested trees list, and a summary of trees harvested (see Table 1). This section should be a side by side comparison (where possible), preferably in tabular format, to allow for an audit of accomplishments on the previous year's plans. |                         |                  |                                  |
| 6       | <b>Information about current year's compartment</b> including: compartment(s) to be logged, class of produce to be harvested, number of species, total allowable cut, residual stocking, length of roads, number of barquadiers, main activities to be carried out (harvesting, replanting, silvicultural treatments, prescribed burning).  |                         |                  |                                  |
| 7       | <b>Biophysical information about the compartment</b> including compartment(s) number, location, total area of the compartment, area of different forest and vegetation types, topographic maps, vegetation map, road map, Shapefile of the compartment should be provided.  |                         |                  |                                  |
| 8       | <b>Information about the pre-harvest inventory (stock survey)</b> including: methodology used (see van der Hout 2008), data recorded, volume equation used, conversion factors used, total area actually censused, number of species censused, number of trees of each species, map of area intended to be stock surveyed showing all transects/quadrats and indicating any exclusions with justification.  |                         |                  |                                  |
| 9 *     | <b>Results of the pre-harvest inventory (stock survey)</b> including: a summary table showing the total number of stems of each species measured by diameter class for  |                         |                  |                                  |

**Company:**

**LTFL #:**

**APO Year:**

**Reviewed on:** 14 January 2019 (Submission 1)

| Section | Proposed Content  | Complete<br>(Yes or No) | Quality<br>(1-3) | Recommendations<br>/Reservations |
|---------|---|-------------------------|------------------|----------------------------------|
|         | use in the yield model (Table 6), graph of the population structure of each species down to the minimum inventoried diameter of 25 cm, and a map showing location of all trees measured in the compartment.   |                         |                  |                                  |
| 10 *    | <b>Determination of the Cutting Cycle, Minimum Cutting Diameter, and Annual Allowable Cut</b> including: statement of the cutting cycle length, how it was determined, a list of the MCD of each species, how it was determined, <i>table showing the determination of the Annual Allowable Cut (sustainable yield) for each species in terms of numbers of trees per diameter class and which also indicates the minimum cutting diameter at which the yield is sustainable (Table 8).</i>   |                         |                  |                                  |
| 11 *    | <b>Allocation of Future (&lt;MCD), Crop (MCD to 89.9), Seed (≥40), Reserve (MCD to 89.9), Preserve (≥90) trees</b> including: a summary table of the allocation for each species showing the number of Future, Crop, Seed, Reserve and Preserve trees (Table 9), and information about how each type of tree was marked in the forest.  |                         |                  |                                  |
| 12      | <b>Planning of the Timber Harvesting Operation</b> including: information about how the skid trails were designed, felling practices to be used, a summary table of the harvest showing for each species the number of crop trees and volume (bdft) per DBH class (Table 12), a summary table of the residual growing stock showing for each species the number of future, seed and reserve trees and volume (m <sup>3</sup> ) per DBH class (Table 13), and stock maps showing all crop trees, all watercourses, slopes, other terrain features and archaeological sites, planned skid trails, main and secondary extraction routes and location of all barquadiers. |                         |                  |                                  |
| 13 *    | <b>Annex I</b> showing the list of trees harvested in the previous APO <b>and Annex II</b> showing a detailed list of trees to be harvested in the current APO showing each Future, Crop, Seed, Reserve or Preserve tree with their block number, tree number, DBH, Height, Log Grade, NAD27 UTM Coordinates, CP, CF, CL and volume (m <sup>3</sup> ).  |                         |                  |                                  |

Footnotes: Quality 1 - Return for revision before cutting permit is issued (if not an \* section, it can be forwarded to the CITES Scientific Authority)

Quality 2 - Needs revision, but will not impede cutting permit (if not an \* section, it can be forwarded to the CITES Scientific Authority)

Quality 3 - Acceptable as is

All sections should be at Quality 2 or 3 at the time of issuance of cutting permit. Only a score of Quality 3 on \* sections will be forwarded to the CITES SA.

**Company:****LTFL #:****APO Year:****Reviewed on:** 14 January 2019 (Submission 1)

| Section | Proposed Content  | Complete<br>(Yes or No) | Quality<br>(1-3) | Recommendations<br>/Reservations |
|---------|---|-------------------------|------------------|----------------------------------|
| 1       | <b>Cutting Permit</b> showing that the APO is an integral part of the permit  |                         |                  |                                  |
| 2       | <b>Cover page</b> with company name, license number, license duration, license area, operational year   |                         |                  |                                  |
| 3       | <b>Professional certification</b> of APO preparer   |                         |                  |                                  |
| 4       | <b>Basic information about the Forest Management Area</b> which shows whether a management plan is in place, period covered by the plan, date of last forest inventory, and contact person for the plan.  |                         |                  |                                  |
| 5 *     | <b>Report on previous year's operations</b> as stated in the APO for that year including: compartment number worked, challenges, setbacks, opportunities, trainings, pests, fires, natural disasters, accidents, silvicultural treatments undertaken, map of actual roads constructed and used, map of actual barquadiers opened, map of actual skid trails opened, a harvested trees list, and a summary of trees harvested (see Table 1). This section should be a side by side comparison (where possible), preferably in tabular format, to allow for an audit of accomplishments on the previous year's plans. |                         |                  |                                  |
| 6       | <b>Information about current year's compartment</b> including: compartment(s) to be logged, class of produce to be harvested, number of species, total allowable cut, residual stocking, length of roads, number of barquadiers, main activities to be carried out (harvesting, replanting, silvicultural treatments, prescribed burning).  |                         |                  |                                  |
| 7       | <b>Biophysical information about the compartment</b> including compartment(s) number, location, total area of the compartment, area of different forest and vegetation types, topographic maps, vegetation map, road map, Shapefile of the compartment should be provided.  |                         |                  |                                  |
| 8       | <b>Information about the pre-harvest inventory (stock survey)</b> including: methodology used (see van der Hout 2008), data recorded, volume equation used, conversion factors used, total area actually censused, number of species censused, number of trees of each species, map of area intended to be stock surveyed showing all transects/quadrats and indicating any exclusions with justification.  |                         |                  |                                  |
| 9 *     | <b>Results of the pre-harvest inventory (stock survey)</b> including: a summary table showing the total number of stems of each species measured by diameter class for  |                         |                  |                                  |

**Company:**

**LTFL #:**

**APO Year:**

**Reviewed on:** 14 January 2019 (Submission 1)

| Section | Proposed Content  | Complete<br>(Yes or No) | Quality<br>(1-3) | Recommendations<br>/Reservations |
|---------|---|-------------------------|------------------|----------------------------------|
|         | use in the yield model (Table 6), graph of the population structure of each species down to the minimum inventoried diameter of 25 cm, and a map showing location of all trees measured in the compartment.   |                         |                  |                                  |
| 10 *    | <b>Determination of the Cutting Cycle, Minimum Cutting Diameter, and Annual Allowable Cut</b> including: statement of the cutting cycle length, how it was determined, a list of the MCD of each species, how it was determined, <i>table showing the determination of the Annual Allowable Cut (sustainable yield) for each species in terms of numbers of trees per diameter class and which also indicates the minimum cutting diameter at which the yield is sustainable (Table 8).</i>   |                         |                  |                                  |
| 11 *    | <b>Allocation of Future (&lt;MCD), Crop (MCD to 89.9), Seed (≥40), Reserve (MCD to 89.9), Preserve (≥90) trees</b> including: a summary table of the allocation for each species showing the number of Future, Crop, Seed, Reserve and Preserve trees (Table 9), and information about how each type of tree was marked in the forest.  |                         |                  |                                  |
| 12      | <b>Planning of the Timber Harvesting Operation</b> including: information about how the skid trails were designed, felling practices to be used, a summary table of the harvest showing for each species the number of crop trees and volume (bdft) per DBH class (Table 12), a summary table of the residual growing stock showing for each species the number of future, seed and reserve trees and volume (m <sup>3</sup> ) per DBH class (Table 13), and stock maps showing all crop trees, all watercourses, slopes, other terrain features and archaeological sites, planned skid trails, main and secondary extraction routes and location of all barquadiers. |                         |                  |                                  |
| 13 *    | <b>Annex I</b> showing the list of trees harvested in the previous APO <b>and Annex II</b> showing a detailed list of trees to be harvested in the current APO showing each Future, Crop, Seed, Reserve or Preserve tree with their block number, tree number, DBH, Height, Log Grade, NAD27 UTM Coordinates, CP, CF, CL and volume (m <sup>3</sup> ).  |                         |                  |                                  |

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CITES Export Quota Review Sheet

|  |     |   |   |
|--|-----|---|---|
| Quota Year   |     |   |   |
| APO  |     |   |   |
| Date   |     |   |   |
| Reviewer   |     |   |   |
| Sustainability Checks for: Mahogany/Cedar/ Rosewood?                     |     |   |   |
| Yield sustainable?   | Yes | No  |   |
| Seed trees sufficient?   | Yes | No  |   |
| Trees ≥90 cm protected?<br>(≥70 cm for Rosewood)                         | Yes | No  |   |
| Cutting cycle OK?  | Yes | No  |   |
| MCD OK?  | Yes | No  |   |
| Volume Checks  |     |   |   |
| Volume (BDFT) OK?<br>(provide detailed breakdown<br>as per GYM analysis) | Yes | No  | <b>Crop Trees:</b><br>No. of Trees =<br>GYM Volume (v. 13 July 2018) =<br>APO Volume =<br><br><b>Salvage Trees:</b><br>No. of Trees =<br>GYM Volume (v. 13 July 2018) =<br>APO Volume =<br><br><b>Branches:</b> |
| Calculated Export Quota (BDFT):  |     | Crop Trees (main stem) & Salvage Trees =<br><br>Branches (if applicable) =<br><br>Total = |   |

Verified by:

-----  
CITES SA Chair

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Date

-----  
SFMP, Forest Department

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Date

**BELIZE:**

**TRADE IN ENDANGERED SPECIES (CITES) BILL, 2022**

**ARRANGEMENT OF CLAUSES**

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*Preliminary*

1. Short title.
2. Interpretation.

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*Administration*

SUB-PART I

*Management Authority*

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4. Functions of Management Authority.

SUB-PART II

*Scientific Authority*

5. Establishment and constitution of Scientific Authority.
6. Appointment of Chairperson.
7. Publication of membership.
8. Tenure of office.
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11. Replacement of member.
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15. Exportation of species in Appendix I, Appendix II and Appendix III.
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17. Re-exportation of species in Appendix I, Appendix II and Appendix III.
18. Introduction from the sea of species in Appendix I.
19. Introduction from the sea of species Appendix II.
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21. Verification.
22. Terms and conditions of a permit or certificate.
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24. Expiration of permit or certificate.
25. Modification, suspension or revocation of a permit or certificate.
26. Transferability and validity of permit or certificate.

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- 
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SCHEDULE I

**BELIZE:****BILL****for**

**AN ACT** to give effect to the provisions of the CITES on International Trade in Endangered Species of Wild Fauna and Flora; to promote the management, conservation and protection of threatened and endangered species; and to provide for matters connected therewith or incidental thereto.

*(Gazetted ....., 20.....)*

**BE IT ENACTED**, by and with the advice and consent of the House of Representatives and Senate of Belize and by the authority of the same, as follows:

**PART I***Preliminary*

Short title.

**1.** This Act may be cited as the

**TRADE IN ENDANGERED SPECIES (CITES) ACT, 2022.**

Interpretation.

**2.-(1)** In this Act—

“Appendix I” means Appendix I of the CITES;

“Appendix II” means Appendix II of the CITES;

“Appendix III” means Appendix III of the CITES;

“authorized officer” means a—

- 
- (a) person appointed as such by the Managing Authority;
  - (b) customs officer;
  - (c) fisheries officer;
  - (d) forest officer;
  - (e) police officer;
  - (f) coast guard; or
  - (g) an officer designated by the Belize Agricultural Health Authority under the Belize Agricultural Health Act; CAP. 211.

“bred in captivity” means any specimen defined in Article I paragraph (b) of the CITES, born or otherwise produced in a controlled environment, and if–

- (a) the parents mated or gametes were otherwise transferred in a controlled environment, if reproduction is sexual, or the parents were in a controlled environment when development of the offspring began, if reproduction is asexual;
- (b) the breeding stock, to the satisfaction of the competent government authorities of the exporting country–
  - (i) was established in accordance with the provisions of the CITES and relevant national laws and in a manner not detrimental to the survival of the species in the wild; and
  - (ii) is maintained without the introduction of specimens from the wild, except for the occasional addition of animals, eggs or gametes, in accordance with the provisions of the CITES and relevant national laws and in a manner not detrimental to the survival of the species in the wild as advised by the Scientific Authority to prevent or alleviate deleterious inbreeding, with the magnitude of such addition determined by the need for new genetic material, to dispose of confiscated animals in accordance with Resolution Conf. 17.81 or exceptionally, for use as breeding stock; and (c) has produced offspring of second-generation (F2) or subsequent generations in a controlled environment or is managed in a manner that has been demonstrated to be capable of reliably producing second-generation offspring in a controlled environment;

“breeding stock of an operation” means the ensemble of the animals in the operation that are used for reproduction;

“CITES” means the Convention on International Trade in Endangered Species of Wild Fauna and Flora, concluded at Washington, DC, on 3<sup>rd</sup> March 1973 as amended in Bonn on 22 June 1979, and any amendment thereto as adopted, from time to time, by the Government of Belize;

“controlled environment” means an environment that is manipulated for the purpose of producing animals of a particular species, that has boundaries designed to prevent animals, eggs or gametes of the species from entering or leaving the controlled environment, and the general characteristics of which may include but are not limited to—

- (a) artificial housing;
- (b) waste removal
- (c) health care;
- (d) protection from predators and
- (e) artificially supplied food;

“derivative” in relation to an animal, plant or other organism, means any part, tissue or extract of an animal, plant, or other organism, whether fresh, preserved or processed, and includes any chemical compound derived from such part, tissue or extract;

“endangered” in relation to an animal, plant or other organism, means any animal, plant or other organism that is listed in the Appendix I, Appendix II or Appendix III;

“export” means the shipment of a specimen outside of Belize by any means, but does not include the re-export or the shipment in transit of a specimen;

“Funds Committee” means the CITES Funds Committee established under section 67;

“import” means the bringing in of a specimen into Belize by any means, but does not include introduction from the sea or the shipment in transit of a specimen;

“introduce from the sea” means the transportation into Belize of a specimen that was harvested or fished from any marine environment not under the jurisdiction of any State;

“Management Authority” means the Management Authority designated by the Minister pursuant to section 3;

“Minister” means the Minister responsible for fisheries, forestry, wildlife and biodiversity and Ministry shall be construed accordingly;

“Party” means a State Party to the CITES;

“personal or household effects” means specimens that are—

- (a) personally owned or possessed for non-commercial purposes;
- (b) legally acquired;
- (c) at the time of import, export or re-export either—
  - (i) worn, carried or included in personal baggage; or
  - (ii) part of a household move; or
- (d) dead specimens, parts and derivatives that are the belongings of a private individual and that form or are intended to form part of his normal possessions;

“re-export” means export of a specimen that was previously imported, whether or not in the same form as at the time of its importation;

“relevant authority” means—

- (a) the Management Authority of a State that is a Party to the CITES; or
- (b) the competent authority of a State that is not a Party to the CITES;

“Resolution” means a Resolution passed at the Conference of the Parties to the CITES;

“Scientific Authority” means the scientific authority established under section 5;

“Secretariat” means the Secretariat of the CITES as referred to in Article XII of the CITES;

“species” includes any species, subspecies, variety, form, or geographically separate population thereof;

“specimen” includes—

- (a) any animal or plant, whether alive or dead, of a species included in Appendix I, Appendix II or Appendix III;
- (b) any part or derivative which appears from an accompanying document, the packaging or a mark or label or from any other circumstances to be a part or derivative of an animal or plant of species included Appendix I, Appendix II or Appendix III, unless such part or derivative is specifically exempted from the provisions of the CITES.

“trade” includes—

- (a) export;
- (b) re-export;
- (c) import; or
- (d) introduction from the sea;

CAP. 49. “transshipment” means the transshipment procedures as prescribed in the Customs Regulations; and

CAP. 49. “transit” means the transit procedures as prescribed in the Customs Regulations Act.

## PART II

### *Administration*

#### SUB-PART I

##### *Management Authority*

Designation of  
Management  
Authority.

**3.**—(1) The Minister shall, by Notice published in the *Gazette*, designate and constitute within the Ministry, a body to be known as the Management Authority.

(2) The Management Authority shall consist of no more than five persons and shall include officers from the Fisheries Department and Forest Department.

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**4. The Management Authority shall–**

Functions of  
Management  
Authority.

- (a) serve as the focal point to effectively liaise and communicate with the Secretariat and other countries on administrative, enforcement and other issues related to implementation of the CITES;
- (b) grant permits and certificates in accordance with the provisions of the CITES and this Act, and to attach to any permit or certificate any condition that it may judge necessary;
- (c) before issuing permits and certificates, obtain the advice from the Scientific Authority in accordance with this Act, the CITES and relevant Resolutions;
- (d) before issuing permits and certificates, determine in accordance with Articles III, IV, and V of the CITES and its Resolutions, in particular Resolution Conf. 18.7 on legal acquisition findings or its successor, that the specimen was not obtained in contravention of the laws for the protection of fauna and flora of Belize or the exporting State;
- (e) in consultation with the Scientific Authority, establish rescue centers or facilities for the holding of living specimens seized or forfeited;
- (f) prepare and submit annual reports to the Secretariat regarding trade in the CITES listed species;
- (g) advise the Minister on matters relating to the CITES, including the suitability and appropriateness of adopting any proposed resolution, decision or amendments to the CITES Appendices at CITES meetings of the Conference of the Parties;
- (h) create public awareness of the importance of the CITES and its decisions and this Act for the conservation and protection of the CITES listed species;
- (i) appoint authorized officers to carry out its functions under this Act;
- (j) maintain registers and records in respect of the trade in endangered species of wild fauna and flora;

- (k) collaborate with the Scientific Authority in the preparation of non-detriment findings by making available data and information in its possession;
- (l) maintain a database of records in relation to all applications and permits issued under this Act, which shall be made available to the Scientific Authority upon request; and
- (m) perform such other functions as are necessary and expedient to secure the proper execution of the purposes of this Act.

## SUB-PART II

### *Scientific Authority*

Establishment  
and constitution  
of Scientific  
Authority.

**5.-(1)** There shall be established a body to be known as the Scientific Authority which shall consist of no more than nine members appointed by the Minister.

(2) The members of the Scientific Authority shall be persons with expertise in—

- (a) wildlife biology and management;
- (b) ecology of terrestrial plants and animals;
- (c) ecology of freshwater and marine plants and animals;
- (d) plant and animal taxonomy;
- (e) plant and animal health; and
- (f) any other expertise as determined by the Minister.

(3) A member of the Scientific Authority shall possess at a minimum, a Bachelor's degree in his respective field and shall have a minimum of five years' experience in the thematic area.

(4) The Scientific Authority shall have the power to co-opt experts as required, but such co-opted experts shall not have the right to vote.

(5) A member of the Management Authority shall not be appointed as a member of the Scientific Authority.

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- 6.-(1)** The Minister shall appoint one of the members of the Scientific Authority to be the Chairperson. Appointment of Chairperson.
- (2) The Chairperson shall preside at all meetings of the Scientific Authority, and in the absence of the Chairperson, the members may elect one of their members to preside at that meeting.
- 7.** The names of all the members of the Scientific Authority as first constituted and every change in membership shall be published in the *Gazette*. Publication of membership.
- 8.** A member of the Scientific Authority shall hold office for a period of three years and shall be eligible for reappointment. Tenure of office.
- 9.** A member of the Scientific Authority may resign his term of office by notice in writing to the Minister. Resignation.
- 10.** The Minister may, by notice in writing, revoke the appointment of a member of the Scientific Authority, if that member— Revocation of appointment.
- (a) is unable to perform the duties of his office by reason of illness or infirmity;
- (b) is absent from three consecutive meetings without a valid reason; or
- (c) has engaged in unethical or criminal behavior compromising the integrity of the Scientific Authority.
- 11.-(1)** The Minister may appoint another person to act in the place of a member of the Scientific Authority who ceases to be a member. Replacement of member.
- (2) A person appointed in place of a member pursuant to sub-section (1) shall hold office for the unexpired period of office of the member for which he has been appointed and is eligible for reappointment.
- 12.** The Scientific Authority shall meet at such time and place as may be necessary for the carrying out of its functions and shall determine its own procedures. Procedure and meetings.
- 13.** The Scientific Authority shall— Functions of Scientific Authority.
- (a) advise the Management Authority on—
- (i) the issuance of all permits for import, export, re-export or introduction from the sea of a specimen in Appendix I, Appendix II or Appendix III, stating whether or not

- the proposed trade would be detrimental to the survival of that species in the wild;
- (ii) whether the recipient of a live specimen of Appendix I species is suitably equipped to house and care for the live specimen;
  - (iii) the disposal of forfeited or confiscated specimens;
  - (iv) any matter at the request of the Management Authority or any matter the Scientific Authority considers relevant in the sphere of species protection;
  - (v) proposed additions or deletions to Appendices in accordance with Articles XV and XVI of the CITES, in advance of meetings of the CITES Conference of the Parties;
  - (vi) whether or not scientific institutions seeking registration for the purpose of being issued labels for scientific exchange meet the criteria established in Resolution Conf. 11.15 (Rev. CoP18) or its successor, and other standards or any stricter national requirements; and
  - (vii) all applications submitted for consideration under Article VII, paragraphs 4 or 5 of the CITES, and whether the facility concerned meets the criteria for producing specimens considered to be bred in captivity or artificially propagated in accordance with the CITES and relevant Resolutions;
- (b) monitor the export permits and the actual export of specimens of species listed in Appendix I Appendix II or Appendix III;
  - (c) gather and analyse information on the biological status of species affected by trade to assist in the preparation of proposals necessary to amend the Appendices, for consideration at a meeting of the CITES Conference of the Parties;
  - (d) review proposals to amend the Appendices submitted by other Parties and make recommendations to the Management Authority as to how the delegation of Belize should address each proposal, basing findings and advice on the scientific review of available information on the population status, distribution, population trend, harvest and

other biological and ecological factors, as appropriate, and trade information relating to the species concerned;

- (e) monitor the status of native Appendix II species and export data, and recommend, if necessary, suitable remedial measures to limit the export of specimens in order to maintain each species throughout its range at a level consistent with its role in the ecosystem and well above the level at which the species might become eligible for inclusion in Appendix I;
- (f) advise the Management Authority on suitable measures to limit the grant of export permits of specimens whenever the Scientific Authority determines that the export of specimens of such species should be limited in order—
  - (i) to maintain that species throughout its range at a level consistent with its role in the ecosystems in which it occurs; and
  - (ii) to maintain that species well above the level at which that species might become eligible for inclusion in Appendix I;
- (g) advise the Management Authority on any matter the Scientific Authority considers relevant in the sphere of species conservation and protection; and
- (h) perform any other tasks or functions as provided in a Resolution or assigned to it by this Act.

### PART III

#### *Trade in Endangered CITES listed Species*

**14.—(1)** Every person who proposes to trade in any specimen of species listed in Appendix I, Appendix II or Appendix III shall apply to the Management Authority for the appropriate permit or certificate as follows—

Application to  
trade in CITES  
listed species.

- (a) an export permit;
- (b) an import permit;
- (c) a re-export certificate; or
- (d) an introduction from the sea certificate.

(2) An application under sub-section (1) shall be made in the prescribed form and shall specify—

- (a) the full name and address of the applicant;
- (b) the type of trade to which the application relates;
- (c) the species, part or derivative, and the number of specimens of that species to be traded;
- (d) the country to or from which the specimens are to be conveyed;
- (e) such further information as the Management Authority may require; and
- (f) the result of any analysis required by the Management Authority.

Schedule.

(3) An application under sub-section (1) shall be accompanied by the fee prescribed in the Schedule.

(4) A separate application shall be made for each consignment of specimen unless otherwise directed by the Management Authority.

(5) A person shall not apply under this section to trade in a specimen where trade in that specimen is subject to controls under any other Act or Regulation, unless authorization in respect of such trade is first obtained under that Act.

(6) An application may be cancelled if the applicant fails to provide further information or the results of analysis as requested under sub-section (2) (e) or (f) respectively, within the time stipulated by the Management Authority.

(7) The Management Authority or Scientific Authority, in carrying out their functions stipulated under sections 4 and section 13 respectively, may conduct an interview or carry out an inspection of a specimen or premises for the purpose of determining an application for a permit or certificate.

(8) An application for an import permit in relation to any species specified in Appendix I shall be accompanied by an export permit or re-export certificate from the relevant authority in the State of export or re-export.

(9) An application for an import permit in relation to any species specified in the Appendix III Schedule shall be accompanied by—

- (a) a certificate of origin; and

- (b) an export permit if the specimen is imported from a Party.

**15.-(1)** The Management Authority may grant an export permit for any specimen of species—

Exportation of species in Appendix I, Appendix II and Appendix III.

- (a) in Appendix I or Appendix II, if the Scientific Authority advises the Management Authority that it is satisfied that the exportation of the specimen is not detrimental to the survival of the species; and
- (b) in the Appendix I, Appendix II or Appendix III, if the Management Authority is satisfied that—
  - (i) the specimen was not obtained in contravention of the laws of Belize;
  - (ii) any living specimen will be prepared and shipped in a manner as to minimize the risk of injury, damage to health or cruel treatment of the specimen; and
  - (iii) in relation to specimen of species in Appendix I, an import permit has been granted for the specimen by the relevant authority of the State of import.

(2) Any person who is granted a permit under this section shall present that permit to the customs officer at the port of exit.

**16.-(1)** The Management Authority may grant an import permit for any specimen of species—

Importation of species in Appendix I, Appendix II and Appendix III.

- (a) in Appendix I or Appendix II, if the Scientific Authority advises the Management Authority that it is satisfied that—
  - (i) the importation of the specimen is for a purpose not detrimental to the survival of the species; and
  - (ii) the proposed recipient of a living specimen is suitably equipped to house and care for the living specimen;
- (b) in Appendix I, if the Management Authority is satisfied that the specimen is not intended to be used primarily for commercial purposes; and
- (c) in Appendix I, Appendix II or Appendix III, if the Management Authority is satisfied that—
  - (i) the specimen will not be used for an unlawful purpose or a purpose contrary to this Act or the CITES; and

- (ii) an export permit or certificate of origin, as applicable, has been granted for the specimen by the relevant authority of the State of export.

(2) Any person who is granted a permit under this section shall present that permit to the customs officer at the port of entry.

Re-exportation  
of species in  
Appendix I,  
Appendix II and  
Appendix III.

**17.-(1)** The Management Authority may grant a re-export certificate for any specimen of species in Appendix I, Appendix II or Appendix III, if the Management Authority is satisfied that—

- (a) the specimen was imported into Belize in accordance with the provisions of this Act;
- (b) any living specimen will be prepared and shipped in a manner as to minimize the risk of injury, damage to health or cruel treatment of the specimen; and
- (c) in relation to living specimen in Appendix I, an import permit for the living specimen has been granted by the relevant authority of the State to which the specimen is to be re-exported.

(2) Any person who is granted a certificate under this section shall present that certificate to the customs officer at the port of exit.

Introduction  
from the sea of  
species in  
Appendix I.

**18.-(1)** The Management Authority may grant an introduction from the sea certificate for any specimen of species in the Appendix I if—

- (a) the Scientific Authority advises the Management Authority that the introduction of the specimen is not detrimental to the survival of the species in the wild;
- (b) the Management Authority is satisfied that—
  - (i) the specimen is not intended to be used for commercial purposes; and
  - (ii) the proposed recipient of any living specimen is suitably equipped to house and care for the specimen; and
- (c) the Management Authority is satisfied that any living specimen of a species listed in Schedule I will be so handled as to minimize the risk of injury, damage to health or cruel treatment.

(2) Any person who is granted a certificate under this section shall present that certificate to the customs officer at the port of entry.

**19.**—(1) Subject to sub-section (2), the Management Authority may grant an introduction from the sea certificate for any specimen of species in Appendix II if—

Introduction from the sea of species in Appendix II.

- (a) the Scientific Authority advises the Management Authority that the introduction of the specimen is not detrimental to the survival of the species; and
- (b) the Management Authority is satisfied that any living specimen will be prepared and shipped in a manner as to minimize the risk of injury, damage to health or cruel treatment of the specimen.

(2) A certificate under this section may be granted on the advice of the Scientific Authority in consultation with other scientific authorities.

(3) A certificate granted under this section shall be granted for a period not exceeding one year for the total number of specimens to be introduced in such period.

(4) Any person who is granted a certificate under this section shall present that certificate to the customs officer at the port of entry.

**20.** In determining whether to grant a permit or certificate under this Part, the Management Authority may take into consideration such other matters as may be provided for in any current CITES Decision or Resolution, or as may be prescribed.

Further considerations for the granting of a permit or certificate.

**21.** A foreign permit or certificate furnished to the Management Authority for the purpose of obtaining a permit or certificate under this Part shall be verified by the Management Authority in accordance with section 38.

Verification.

**22.**—(1) The Management Authority may impose such terms and conditions as it considers appropriate on any permit or certificate.

Terms and conditions of a permit or certificate.

(2) A permit or certificate shall not be accepted to authorize the export, re-export, import, introduction from the sea, any exemption or special treatment where the holder of that permit or certificate has failed to comply with the terms and conditions of such permit or certificate required to be performed prior to the export, re-export, import, introduction from the sea, the exemption or special treatment.

(3) Where the terms and conditions of a permit or certificate requires some action to be taken or state of affairs to be maintained after the importation or introduction of a specimen, and the holder of the permit or

certificate fails to comply with such terms and conditions, the Management Authority may detain or seize the specimen until the holder has complied with the terms and conditions of the permit or certificate.

Duration of  
permit or  
certificate.

**23.—(1)** The Management Authority shall state on the permit or certificate the duration of the permit or certificate granted.

(2) Notwithstanding sub-section (1), an export permit shall be valid for export within a period of six months from the date on which it was granted.

Expiration of  
permit or  
certificate.

**24.—(1)** A person granted a permit or certificate shall surrender that permit or certificate to the Management Authority within thirty days of its expiration.

(2) A person who fails to comply with this section commits an offence and is liable on summary conviction to a fine of not less than one thousand dollars or imprisonment for a period not exceeding three months or both.

Modification,  
suspension or  
revocation of  
permit or  
certificate.

**25.—(1)** The Management Authority may modify a permit or certificate—

- (a) if it deems it necessary to do so in the interest of the species involved;
- (b) if there is a change of circumstance since the time of the granting of the permit or certificate, which circumstances if they had existed at that time would have had a direct effect on the extent and substance of the permit or certificate; or
- (c) on such other grounds as may be prescribed.

(2) The Management Authority may suspend a permit or certificate if the holder of the permit or certificate fails to comply with any term or condition of the permit or certificate.

(3) The Management Authority may revoke a permit or certificate—

- (a) if the holder of the permit or certificate fails to remedy a breach of the terms or conditions within the time specified in the notice under sub-section 4 (b);
- (b) if the application for the permit or certificate contained false information;
- (c) if the holder of the permit or certificate contravenes any of the provisions of this Act in relation to the permit, certificate or specimen concerned; or
- (d) on any other ground as may be prescribed.

(4) The Management Authority shall give written notice of the modification, suspension or revocation of a permit or certificate to the holder of the permit or certificate stating the reason for the modification, suspension or revocation.

(5) A notice of suspension of a permit or certificate shall provide the holder of the permit or certificate a period of time to remedy a breach if the suspension is based on a breach of a term or condition.

(6) Modification, suspension or revocation of a permit or certificate shall not be invalid if the Management Authority fails to give written notice or state reasons for the modification, suspension or revocation.

(7) During the course of any review by any court under any law of a decision made by the Management Authority under this section, the revocation, suspension or modification shall remain in effect and the holder of the permit or certificate shall comply with the decision.

**26.-(1)** The Management Authority shall not grant a permit or certificate to take effect retrospectively, unless otherwise prescribed.

Transferability  
and validity of  
permit or  
certificate.

(2) A permit or certificate shall be personal to the applicant, and shall not be transferable to, nor vested by operation of law in any other person.

#### PART IV

##### *Special provisions and exemptions*

**27.-(1)** Specimens of species included in Appendix I shall be deemed to be specimens of species in Appendix II if—

Treatment of  
species.

- (a) it is a specimen of animal species that is bred in captivity for commercial purposes; or
- (b) it is a specimen of plant species that is artificially propagated for commercial purposes.

(2) A specimen shall only be accorded the treatment provided for in sub-section (1) if the requirements as set out in Resolution 12.10 and Resolution 10.16 or their successors, have been met.

(3) A foreign captive-bred or foreign artificially propagated specimen, shall only be accorded the treatment provided for in sub-section (1) if the prescribed qualifications have been met.

(4) A captive bred operation and any specimen originating from any captive bred operation shall register with the Management Authority which in turn, shall register the information with the CITES Secretariat.

(5) The conditions for registration with the Management Authority, of a captive bred operation and any specimen originating from any captive bred operation shall be prescribed by the Management Authority.

(6) A specimen of animal species listed in Appendix I that has been bred in captivity may not be traded unless the specimen originates from a breeding operation registered with the CITES Secretariat by the Management Authority, and has been individually and permanently marked in a manner so as to render alteration or modification by unauthorized persons difficult.

(7) All persons registered with the Management Authority for captive breeding of animals or artificial propagation of plants shall keep records of their stocks and of any transactions.

(8) The Management Authority may inspect the premises and records of persons registered with the Management Authority at any reasonable time.

Bred in captivity  
and artificially  
propagated  
certificates.

**28–(1)** The Management Authority may issue a bred in captivity certificate or an artificially propagated certificate in lieu of any permit or certificate required under Part III if the Management Authority is satisfied that—

- (a) a specimen of animal species is bred in captivity; or
- (b) a plant species is artificially propagated.

(2) In the case of a foreign captive-bred or artificially propagated specimen or specimen which is a part or derivative of a foreign captive-bred animal or artificially propagated plant, subject to sub-section (3), a certificate by the competent authority to the effect that such a specimen was bred in captivity or artificially propagated, or is part of such an animal or plant or was derived therefrom shall be accepted in lieu of any permit or certificate required under Part III.

(3) This section shall apply to the species in Appendix I, Appendix II or Appendix III or to an individual species, only to the extent provided for in Resolution 12.10 and Resolution 10.16, or their successors or any other applicable CITES Decision or Resolution.

Exemptions.

**29.–(1)** The provisions of Part III shall not apply to—

- (a) the transit or transshipment of specimens through or in Belize;

- 
- (b) a specimen that was acquired before the CITES applied to that specimen and the exporter or importer holds a certificate to that effect, issued by the Management Authority or the relevant authority as the case may be;
    - (c) subject to sub-section (3), specimens that are personal or household effects, or not for resale; or
    - (d) to the non-commercial loan, donation, or exchange between scientists or scientific institutions in Belize recognized by the Management Authority and scientists or scientific institutions in other States recognized by the relevant authorities of those States, of the following specimens that carry a label issued or approved by the Management Authority or relevant authority—
      - (i) herbarium specimens;
      - (ii) preserved, dried or embedded plants;
      - (iii) live plants;
      - (iv) preserved animals;
      - (v) preserved animal skin; or
      - (vi) live animals.
  - (2) For the purposes of this section, transit or transshipment of specimens means—
    - (a) specimens that remain in the control of the Customs and Excise Department and are in the process of shipment to a named consignee when any interruption in the movement arises only from the arrangements necessitated by this form of traffic; and
    - (b) cross-border movements of sample collections of specimens that comply with the provisions of section XV of Resolution Conf. 12.3 (Rev. CoP13) and are accompanied by an authorization for temporary import or export issued by the Customs Department.
  - (3) The provisions of Part III shall apply to sub-section (1)(c) in the following circumstances—
    - (a) if any specimens of a species specified in Appendix I was acquired by the owner outside of Belize; or

- (b) if any specimen of a species in Appendix II is–
  - (i) acquired by the owner outside of Belize in a State where removal from the wild occurred and the State requires the prior grant of an export permit before the exportation of any such specimen; and
  - (ii) being imported into Belize,

unless the Management Authority is satisfied that the specimens were acquired before the provisions of CITES applied to those specimens.

Other  
exemptions.

**30.**–(1) The Management Authority may allow the movement without permits or certificates of specimens which form part of a travelling zoo, circus, menagerie, plant exhibition or other travelling exhibition based in Belize, provided that–

- (a) the specimens are in either of the categories specified in section 28 (1) or section 29 (1) (b);
- (b) the Management Authority is satisfied that any living specimen will be so transported and cared for as to minimize the risk of injury, damage to health or cruel treatment;
- (c) the movement of specimens is for exhibition purposes only and shall be returned to Belize; and
- (d) the traveling exhibition registers with the Management Authority the full details of its specimens and is issued a permit or certificate in respect of each animal.

(2) In the case of a foreign based traveling-exhibition, the movement in and out of Belize of specimens forming part of such exhibition shall not be allowed without permits or certificates issued by the Management Authority unless the exhibition possesses travelling-exhibition certificates issued by the competent authority of the State in which the exhibition is based, in respect of each specimen concerned.

(3) In the case of the death of any live animal specimen which is part of the traveling exhibition, while in Belize, the Management Authority shall be notified so as to verify the status in respect to the specimen concerned.

Progeny of  
exempt animal.

**31.** Part III shall apply to–

- (a) the exportation from Belize of any progeny of an exempt animal born in Belize during the parent’s stay in Belize; and

- (b) the importation into Belize of any progeny of an exempt animal born outside Belize during the parent's visit to another country.

**32.** For the avoidance of doubt, notwithstanding anything in any other law, diplomats and persons with diplomatic privileges shall not be exempted from the provisions of this Act.

Non-exemption  
of diplomats.

**33.** Notwithstanding anything in this Act regarding the procedures for application, processing thereof, the issuance, or clearance of permits and certificates, simplified procedures in respect of such processes may be adopted in the following instances—

Simplified  
procedures.

- (a) where biological samples of a type and size prescribed, in conformity with the CITES, are urgently required—
  - (i) in the interest of an individual animal;
  - (ii) in the interest of the conservation of the species concerned or other species listed in the Appendices;
  - (iii) for judicial or law enforcement purposes;
  - (iv) for the control of diseases transferable between species listed in the Appendices; or
  - (v) for diagnostic or identification purposes;
- (b) where a certificate is issued under section 29 (b);
- (c) where a certificate is issued for captive breeding or artificial propagation under section 28 or for the issuance of export permits or re-export certificates for specimens of Appendix I species deemed to be specimens of species included in Appendix II under section 27; and
- (d) any other case where the Management Authority thinks the use of simplified procedures to facilitate and expedite trade will have a negligible impact or none, on the conservation of the species concerned.

## PART V

*Verification, clearance, and enforcement*

Documents  
required to be  
produced on  
inspection.

**34.—(1)** The Management Authority may require the holder of a permit or certificate to produce for inspection such information, documents, books, records or accounts relating to the trade of the specimen concerned.

(2) The Management Authority or an authorized officer may at any reasonable time enter the business premises of the holder of a permit or certificate to inspect any information, documents, books, records or accounts relating to the trade of the specimen concerned.

(3) If a person fails to produce such information, documents, books, records or accounts to the Management Authority or an authorized officer as required or to allow entry and provide access to such information, documents, books, records or accounts, that person commits an offence and is liable on summary conviction to a fine of not less than five thousand dollars or imprisonment for a period not exceeding six months or both.

(4) The Management Authority may make and keep copies of any information, document, books, records or accounts inspected under this section.

Inspection of  
specimen.

**35.—(1)** The Management Authority may require the holder of a permit or certificate to produce for inspection the specimen concerned.

(2) Subject to sub-section (3), the Management Authority or any authorized officer by the Management Authority may at any reasonable time enter any premises in which a specimen is being stored or kept to inspect such specimen and premises.

(3) The Management Authority or an authorized officer shall not enter a dwelling house unless the Management Authority or an authorized officer—

- (a) obtains the consent of the occupant of the dwelling house; or
- (b) is under the authority of a warrant issued by the Court.

(3) A person who fails to produce a specimen for inspection as required or to allow entry into any premises and inspection of any premises or specimen commits an offence and is liable on summary conviction to a fine of not less than five thousand dollars or imprisonment for a period not exceeding six months or both.

Power of  
inspection by  
customs officers.

**36.** A customs officer shall take custody of and inspect each consignment of specimens at the port of entry or exit as the case may be—

- (a) to identify the specimens contained in the consignment;

- (b) to examine the required documents for trade, and exemption documents;
- (c) to ensure that the specimens in the consignment are the same as those indicated in the accompanying permit or certificate, including the description and quantity of the specimens, and that the specimens are being imported from or exported to the country mentioned in such documents;
- (d) to determine identity of the person exporting, importing or introducing the specimens; and
- (e) for any other matters as may be prescribed.

**37.**—(1) A customs officer may consult with the Management Authority after an inspection is completed on whether or not the consignment of specimens is eligible for release and shall deliver to the Management Authority the permits, certificates and any relevant information obtained during the course of the inspection.

Verification of documents by Management Authority.

(2) The Management Authority shall authorize the release of consigned specimens if—

- (a) the permits or certificates presented in relation to the consignment are authentic;
- (b) such documents are valid; and
- (c) they correspond to the actual specimens in the shipment.

(3) The specimens shall remain in the possession and control of the Customs Department officer until the Management Authority authorizes the release of consigned specimens, by way of a memorandum in writing.

**38.**—(1) The Management Authority shall verify the authenticity and validity against its records and the requirements for the validity of a local or foreign permit or certificate.

Examination to determine validity.

(2) The Management Authority may consult with the Secretariat or the relevant authority of the State that issued the foreign permit or certificate on the authenticity and validity.

(3) The Management Authority may conduct such inspections of the specimens and carry out such inquiries and investigations as it deems necessary as part of the process to examine the eligibility of specimens for release.

Clearance of  
specimen.

**39.**—(1) The Management Authority shall inform the customs officer upon ascertaining the eligibility or otherwise of specimens for release.

(2) A customs officer shall release the consigned specimen, without prejudice to the provisions or requirement of any other law relating to the import, export or introduction from the sea of the specimen or consignment if the Management Authority authorizes the release.

(3) A customs officer shall seize a specimen or consignment and transfer the custody to the Management Authority if the Management Authority has notified that the specimen or consignment is not eligible for release.

(4) The Management Authority shall, upon request by the importer, exporter or person introducing specimens from the sea, provide that person with the reason for refusing to authorize the import, export, re-export or introduction, as the case may be.

(5) The Management Authority shall retain all permits and certificates including permits and certificates deemed invalid, except for export permits and re-export certificates which shall be returned to the exporter and any other certificates which from their nature are required to be returned to the holder.

Power to detain  
for further  
investigation.

**40.**—(1) A customs officer shall have power to detain and take custody of an animal or plant that the customs officer suspects to be listed Appendix I, Appendix II or Appendix III, for further investigations—

- (a) a consignment of specimens that is unaccompanied by a permit or certificate, notwithstanding a purported exemption; and
- (b) an animal or plant, dead or alive;
- (c) a part or derivative of an animal or plant;
- (d) an item or good which appears from an accompanying document, the packaging or mark or a label, or from any other circumstances to be or to contain or to be manufactured from parts or derivatives of any animal or plant; or
- (e) any shipment thereof.

(2) Where a consignment, animal or plant, part or derivative thereof, item or shipment is detained under sub-section (1), the customs officer shall conduct an inspection and inventory of the consignment and may require from the person undertaking the importation, exportation or introduction from the sea such information as it deems necessary.

(3) Upon completion of the inspection and inventory, the customs officer shall immediately consult the Management Authority on whether or not the specimens are eligible for release, or if the provisions of this Act apply to the animal or plant concerned, and shall deliver to the Management Authority the information obtained during the inspection and inventory.

(4) Until the Management Authority authorizes the release of a specimen, by way of a memorandum in writing to that effect addressed to the customs officer, or notifies the customs officer that the animal or plant concerned is not a listed species, the specimen, consignment, animal, plant, part, derivative, item or shipment shall remain in the possession and control of the customs officer.

(5) For the purposes of determining whether or not the specimens are eligible for release, or the provisions of this Act apply to the animal or plant, the Management Authority may conduct such inspections of the specimens, animal, plant, part, derivative, item or shipment and such inquiries and investigations as it deems necessary, including consultation with the Secretariat or any relevant authority.

**41.-(1)** Where the Management Authority has determined that an exemption applies, or the provisions of this Act are not applicable, the Management Authority shall inform the customs officer and the customs officer shall, without prejudice to the provisions or requirement of any other law regulating the import, export or introduction of such specimen, consignment, animal, plant, part, derivative, item or shipment, release the same.

Determination of applicability of exemption.

(2) Where the Management Authority has notified the customs officer that the specimen or consignment is not eligible for exemption or that the animal, plant, part, derivative, item or shipment is subject to the provisions of this Act, the customs officer shall seize the specimen or consignment and transfer the custody thereof to the Management Authority.

**42.** The Forest Department, Fisheries Department, Belize Agricultural Health Authority and any other authorized officer shall assist a customs officer in carrying out the necessary checks and inspections at the port of entry or exit as required under this Part.

Relevant departments to render assistance.

**43.** All living specimens, during any period of holding by a customs officer, shall be properly cared for in accordance with guidelines issued by the Management Authority or prescribed guidelines, so as to minimize the risk of injury, damage to health or cruel treatment.

Care of specimen during holding period.

**44.-(1)** The Management Authority and Customs Department shall ensure that specimens pass through the formalities required for trade with minimum delay.

Port of entry and exit.

(2) The Minister may by Order published in the *Gazette* designate ports of entry and exits to which all imports, export, re-export, introduction from the sea, transit or transshipment of specimens shall be restricted.

CAP. 211.

(3) The ports designated under the Belize Agricultural Health Authority Act may, where possible, be the same port designated under sub-section (2).

Power to enter,  
search, seize and  
detain.

**45.**—(1) Subject to sub-section (2), an authorized officer may enter and search any premises where it is reasonably suspected that specimens illegally traded are or were kept or stored and may make copies of any book, document, records or accounts, take such photographs and seize any equipment or other article which may constitute evidence of an offence under this Act.

(2) Notwithstanding sub-section (1) an authorized officer shall not enter a dwelling house except—

(a) with the consent of the occupant of the house; or

(b) under the authority of a warrant issued by a magistrate.

(3) Where a specimen is found, an authorized officer shall seize such specimen and thereafter shall forthwith transfer custody of such specimen to the Management Authority.

## PART VI

### *Appeals, Confiscations, and Disposal*

Appeals.

**46.**—(1) An aggrieved person may appeal to the Supreme Court within thirty days of the seizure of a specimen.

(2) The aggrieved person shall immediately notify the Management Authority after lodging an appeal with the Court.

(3) The specimen shall remain in the custody of the Management Authority pending determination of the appeal.

(4) The costs of storing, and in the case of live specimens, the cost of maintaining such specimens shall be borne by the appellant, notwithstanding the success of his appeal.

(6) The appellant shall have the burden of proving that the specimens were not subject to seizure under the relevant provision of this Act.

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- 47.** Where the appeal was allowed under section 46, the Management Authority shall immediately return a specimen to the successful appellant, upon payment by such person of the costs referred to in section 46(5). Return of specimen.
- 48.** Where the appeal was dismissed or where no appeal was made within the thirty-day period referred to in section 46(1) and the period has expired, the specimen shall be forfeited to the Government. Forfeiture of specimen.
- 49.-(1)** The Management Authority shall dispose of a forfeited specimen in the most appropriate manner and in accordance with Resolution 17.8 or its successor. Disposal of forfeited specimen.
- (2) The Management Authority may consult the Scientific Authority, the Secretariat or any international scientific institution to determine how to dispose of forfeited specimens.
- 50.-(1)** The Management Authority or any authorized officer shall not be liable for— Exclusion of liability.
- (a) the destruction of specimen brought into Belize contrary to this Act;
- (b) damage done, delays, or loss as a result of the revocation, suspension, or modification of a permit or certificate, unless otherwise provided under this Act;
- (c) costs relating to any inspection, investigation and verification of permits or certificates carried out by the Management Authority or customs officer under this Part, including the costs of storage during the period of verification and such costs shall be recoverable by the Government as a civil debt.
- (2) Notwithstanding anything in this Act, no specimen or consignment of specimen shall be released from the Customs Department or the Management Authority until the importer, exporter or person introducing the specimen has paid all the costs referred to above.
- 51.-(1)** An authorized officer may detain a person, vehicle, aircraft, boat, ship or other conveyance, where there is reasonable suspicion that an offence has been or is likely to be committed under this Act, and in the exercise of this power, may request a person to produce his identification. Detention of conveyance or person.
- (2) Where a specimen is found in a conveyance or on a person which, in the opinion of the authorized officer, may constitute evidence of an offence under this Act, the authorized officer may seize any such specimen and shall forthwith transfer custody of such specimens to the Management Authority.

## PART VII

*Offences*

Falsification.

**52.—(1)** A person commits an offence if that person, whether for himself or another person, seeks to obtain the grant of a permit or certificate by—

- (a) making a statement or representation which is false in a material particular;
- (b) furnishing a document or information which is false in a material particular; or
- (c) using or furnishing a false, falsified or invalid foreign permit or certificate or one altered without authorization.

(2) A person who commits an offence under this section is liable on summary conviction to—

- (a) a fine of thirty thousand dollars;
- (b) imprisonment for three months; or
- (c) both a fine and imprisonment.

(3) Any permit or certificate in relation to which an offence under subsection (1) has been committed shall be void.

(4) A person who knowingly in possession or control of specimens traded under a permit or certificate falsely obtained commits an offence and is liable on summary conviction to a fine of not less than thirty thousand dollars or imprisonment for a period not exceeding six months or both.

(5) The Management Authority shall seize the specimen imported or introduced from the sea under a falsely obtained permit or certificate.

Illegal trade in  
endangered  
species.

**53.—(1)** A person who does not qualify for any exemptions under this Act, and trades any specimen of a listed species without a permit or certificate as required under this Act, commits an offence and is liable, on summary conviction to—

- (a) a fine of thirty thousand dollars;
- (b) imprisonment for three months; or
- (c) both a fine and imprisonment.

(2) Any specimen traded illegally shall be seized and be liable to forfeiture.

(3) A person who attempts to import, export, re-export or introduce from the sea any specimen of a listed species—

(a) without a permit or certificate as required under Part II of this Act; or

(b) notwithstanding the applicability of any exemption,

other than through a customs control point, commits an offence and is liable on summary conviction to a fine not exceeding thirty thousand dollars or to imprisonment for a term not exceeding three months, or to both and any specimen shall be seized and be liable to forfeiture.

**54.—(1)** A person who receives, possesses or is in control of a specimen illegally traded, commits an offence, and is liable, on summary conviction to—

Possession of specimen illegally traded.

(a) a fine of thirty thousand dollars;

(b) imprisonment for three months; or

(c) both a fine and imprisonment.

(2) Any specimen that is illegally traded shall be seized and is liable to forfeiture, unless the person can account for the possession or can show that he came by such specimen innocently and without knowledge of the illegal trade.

**55.** A person who interferes or tampers with or makes any unauthorized alterations to any permit or certificate commits an offence, and is liable on summary conviction to a fine of not less than thirty thousand dollars or imprisonment for a period not exceeding three months, or both.

Offence of tampering.

**56.** A person who aids and abets the commission of any offence under this Act commits an offence and is liable on summary conviction to a fine of not less than thirty thousand dollars or imprisonment for a period not exceeding six months or both.

Offence of aiding and abetting.

**57.** The burden of proving lawful possession of any specimen shall be upon the person possessing such specimen.

Burden of proof.

**58.** (1) Where a specimen is seized, such specimen shall remain in the custody of the Management Authority pending the conclusion of the trial.

Forfeiture of specimen on conviction.

(2) Where a person has been convicted of an offence under this Act, any specimen seized in relation thereto, shall be forfeited to the Government of Belize.

(3) A forfeited specimen shall be dealt with in accordance with section 49.

Offence by  
corporation.

**59.** Where an offence under this Act is committed by a body corporate, every person who at the time of the commission of the offence was a director, general manager, secretary or other similar officer of the body corporate, or a person purporting to act in any such capacity shall be deemed to have committed the offence unless he proves that the offence was committed without his consent or connivance and that he exercised all such diligence to prevent the commission of the offence as he ought to have exercised, having regard to the nature of his functions in that capacity and to all the circumstances.

Limitation  
period.

**60.** A prosecution for an offence under this Act may be commenced within two years after the commission of the offence or within two years after the Management Authority becomes aware of the offence, whichever is the later.

General penalty.

**61.-(1)** A person who commits an offence under this Act for which no penalty is specifically provided is liable on summary conviction to a fine not exceeding thirty thousand dollars or to imprisonment for a term not exceeding three months, or to both.

(2) Where a person is convicted of an offence under this Act, a vehicle or container detained in respect of that offence may, subject to an order of the Court, be forfeited to the Government of Belize, and the Minister may dispose of that vehicle or container as the Minister thinks fit.

(3) A forfeiture ordered under this section is in addition to any other penalty that may be imposed.

Leave for  
prosecution.

**62.** The Management Authority may appoint a person to prosecute offences under this Act.

Sale of  
endangered  
species  
prohibited.

**63.-(1)** A person who sells a specimen of a listed species, in any commercial free zone, designated processing area, airport, seaport, border crossing, duty free areas beyond custom control points or at other locations of international departure and arrival, commits an offence and is liable on summary conviction, to a fine of thirty thousand dollars or to imprisonment for three months, or to both.

(2) Subject to a conviction under this section, the specimen is liable to forfeiture by order of the court.

(3) The Management Authority or a person authorised by the Management Authority may conduct regular inspection of such premises, including inspection of any books, records or accounts and shall not be required to give to any person prior notice of such inspection.

(4) A person who refuses to provide access to or to facilitate such inspection by the Management Authority or an authorized person commits an offence.

## PART VIII

### *CITES Fund*

**64.—**(1) There shall be established a CITES Fund for the purpose of supporting the carrying out the provisions of this Act. Establishment of  
CITES Fund.

(2) The CITES Fund shall be in the name of the Management Authority and Scientific Authority and maintained at a bank approved by the Ministry of Finance.

(3) Expenses incurred or payable by the Management Authority or Scientific Authority pursuant to this Act shall be paid out of the CITES Fund and any disbursement shall be in accordance with generally accepted accounting principles.

**65.—**(1) The revenues of the CITES Fund shall consist of— Revenue.

- (a) such sums as may be appropriated from time to time by the National Assembly for the purposes of the Fund;
- (b) such sums as may be received for the purposes of the Fund by way of voluntary contributions or donations, including donations received from the government of any State Party, international organization, or the Secretariat for the purpose of implementing CITES; and
- (c) any other money which may become payable to or vested in the Management Authority or received by the Management Authority from any other source.

(2) Notwithstanding sub-section (1), the following revenues shall be paid into the Consolidated Revenue Fund—

- (a) application, permit fees and charges prescribed for provision of services rendered by the Management Authority or the Scientific Authority;

- (b) proceeds from fines or sale of confiscated Appendix II or Appendix III specimens;

Submission of  
budget estimates.

**66.**—(1) The Management Authority and the Scientific Authority may, in such form and by such dates as may be prescribed by the Financial Secretary, prepare and submit to the Minister of Finance, through the Minister, estimates of revenue and expenditure (including any supplementary estimates) for each financial year, and the Minister of Finance shall present the said estimates to the National Assembly with such amendments, if any, as he may consider necessary.

(2) Except with the approval of the Minister of Finance, no further sum shall be expended in any financial year other than that provided in the budget relating to such financial year.

Establishment of  
Funds  
Committee.

**67.**—(1) There is established a CITES Funds Committee consisting of six members appointed by the Minister.

(2) The members of the Fund Committee shall be—

- (a) the Chief Executive Officer of the Ministry who shall be the Chairperson of the Fund Committee;
- (b) two members of the Management Authority;
- (c) two members of the Scientific Authority;
- (d) the Financial Secretary or his nominee.

Functions of the  
Funds  
Committee.

**68.** The functions of the Fund Committee are to—

- (a) administer the CITES Fund in accordance with the Finance and Audit (Reform) Act and the Financial and Stores Orders;
- (b) determine the distribution of the CITES Fund to—
  - (i) assist the Management Authority and Scientific Authority in carrying out their functions;
  - (ii) undertake research, studies and activities relating to the fulfillment the Belize's commitments under the CITES; and
- (c) perform any other function which may be necessary for the effective functioning of the CITES Fund.

CAP. 15.

## PART IX

*Miscellaneous*

**69.**—(1) The Management Authority shall prepare reports required under the CITES and submit such reports to the Minister for his review prior to delivery to the Secretariat. Reports.

(2) The Management Authority shall, within four months of the end of each year, prepare and submit to the Minister a report on the administration and enforcement of this Act for that year and shall include in such report any report delivered to the Secretariat.

**70.**—(1) The provisions of this Act are in addition to, and not in derogation of, or in substitution for the provisions of any other Act or regulations pertaining to the management, protection or conservation of fauna and flora, endangered or otherwise, or regulating the export or import of or trade in any goods, and do not affect the exercise of any power in those Acts, including the— Effect of Act on other enactments.

- (a) Belize Agricultural Health Authority Act; CAP. 211.
- (b) Forests Act; CAP. 213.
- (c) Wildlife Protection Act; CAP. 220.
- (d) Environmental Protection Act; CAP. 328.
- (e) Supplies Control Act; CAP. 293.
- (f) Customs Regulations Act; CAP. 49.
- (g) Fisheries Resources Act; CAP. 210.
- (h) High Seas Fishing Act. CAP201:01.

provided that such other Act or regulations shall prevail where there is an inconsistency with this Act.

(2) Nothing in this Act shall be construed as prohibiting—

- (a) the imposition, whether under this Act, the Wildlife Protection Act or any other law, of stricter measures in relation to trade in listed species, including the complete prohibition of trade in certain species or for conservation reasons, regulating the export of some native CITES species in accordance with the requirements for trade in species CAP. 220.

listed in an Appendix above the one in which the native species is listed; or

CAP. 220.

- (b) the regulation, whether under this Act, the Wildlife Protection Act or any other law, of trade in non-CITES species along the lines of the provisions of this Act,

provided that any permit or certificate which may be required for non-CITES species shall not be in the forms prescribed for permits and certificates required.

Publications.

**71.**—(1) Where the CITES is amended, the Minister may, as soon as possible, by notice published in the *Gazette* together with the date of the entry into force along with any corresponding reservations entered into by Belize and the extent of such reservations.

(2) All withdrawals of reservation shall, as soon as possible, be published by way of notice in the *Gazette* together with the date the withdrawal takes effect and the amendment concerned comes into force for Belize.

(3) A magistrate or judge shall take judicial notice of all amendments to the Appendices whether or not a notice thereof has already been published in the *Gazette* pursuant to this section and of all such notice as may be published.

Regulations.

**72.**—(1) The Minister may, on the advice of the Management Authority, make Regulations to provide for—

- (a) a matter that is necessary or desirable for the purpose of implementing CITES or a decision, resolution or agreement including the Resolutions and Decisions of the Conference of the Parties;
- (b) preconditions for the grant of certificates under Part III;
- (c) the presentation and verification of a permit or certificate issued by the Management Authority or a competent authority, as the case may be, where none is expressly required under this Act for the importation or exportation of any specimen or prior to the issuance of a permit or certificate by the Management Authority;
- (d) the procedures and monitoring of exemptions under section 29;

- 
- (e) disqualifications from obtaining registration, permit, or certificate;
  - (f) the manner of appeals against decisions of the Management Authority relating to registration, permit or certificate;
  - (g) the procedures and cost of disposal of forfeited specimens;
  - (h) the conditions for the transport, packing or shipment of live specimens being traded;
  - (i) the prohibition or restriction by way of a quota system;
  - (j) the export, import, re-export or introduction from the sea of CITES species;
  - (k) the marking of any specimen by the Management Authority and fee payable in respect therefor;
  - (l) the terms and conditions for particular permits or certificates;
  - (m) the criteria for selection of a rescue center or facility for the holding of specimens seized;
  - (n) the criteria and procedures for commercial or captive breeding of specimen included in the CITES Appendices;
  - (o) the procedure to effect the return of forfeited specimens to the country of export;
  - (p) fees payable;
  - (q) the procedure for public participation in the development of negotiating positions for meetings of the Conference of the Parties and amendments to the Appendices;
  - (r) the inspection of parcels, packages, envelopes sent by mail, post or through a courier service and the procedures therefor;
  - (s) the factors the Management Authority or the Scientific Authority shall take into consideration in making certain findings under this Act;
  - (t) provide for the inspection of specimens in transit or transshipment to ascertain the existence of valid documentation required for trade under this Act as if though Belize is the final destination for such specimens and for the

manner in which specimens in transit or transshipment without valid documentation shall be dealt with;

- (u) provide for the exemption of non-exempted personal or household effects from the requirement for permits and certificates in specified instances;
- (v) provide in the case of live animals forming personal or household effects, that for any exemption to be applicable, such animals must be registered with the Management Authority in the case where the owner is ordinarily resident in Belize and in the case of a foreign owner, with the competent authority of the owner's State of usual residence and that the owner holds a certificate of ownership issued by the Management Authority or the competent authority as the case may be;
- (w) require the registration with the Management Authority of pre-CITES specimens referred to in section 29(b) and the procedure therefor;
- (x) for any other matter pertaining to the application of any exemption under section 29, in conformity with any CITES Decision or Resolution on the application and implementation of such exemption; or
- (y) anything required to be prescribed under this Act.

(2) Regulations made may provide that a contravention thereof shall constitute an offence punishable on summary conviction to a fine of thirty thousand dollars or to imprisonment for three months or to both.

Commencement.

**73.** This Act shall come into force on a day appointed by the Minister by Order published in the *Gazette*.

## SCHEDULE

**FEEs***[section 14]*

| <b>Permit/Certificate</b>  | <b>Fee</b> |
|--|------------|
| <i>Appendix I</i>  | \$200      |
| <i>Appendix II</i><br>Commercial purposes                                      | \$500      |
| Personal (non-commercial purposes)<br>( <i>Strombus gigas</i> up to 20 pounds) | \$25       |
| ( <i>Dalbergia spp.</i> up to 22 pounds)                                       | \$50       |
| Research and Education   | \$50       |
| <i>Appendix III</i>  | \$100      |