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**REPORT ON IMPLEMENTATION OF PROGRAMME OF WORK FOR THE
GLOBAL TAXONOMY INITIATIVE**

**Programme of Work for the Global Taxonomy Initiative
Annex to Decision VI/8**

Operational Objective 1. Assess taxonomic needs and capacities at national, regional and global levels for the implementation of the Convention

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| 1. Has your country undertaken any taxonomic needs assessments and identified priorities in this regard? | |
| a) no (please specify the reasons) | |
| b) no, but assessment is under way | X |
| c) yes, some needs assessments made (please provide details) | |
| d) yes, comprehensive assessments made (please provide details) | |
| Further comments on country-based taxonomic needs assessments and identification of priorities | |
| <p>The country has undertaken some taxonomic projects with regard to higher plants. The floral assessments have been carried out at the Brunei National Herbarium (BRUN). The faunal taxonomic assessments are centred at the Museums Department and University Brunei Darussalam.</p> <p>Specific plant taxonomic needs on study of Pteridophytes and Bryophytes. Highest priority for implementation is capacity-building of relevant staff. Lacking of staff in specialize fields of plant taxonomy, with the existing staff do not have sufficient academic training and experience in taxonomic research.</p> | |
| 2. Has your country worked with other countries in the region to undertake regional taxonomic needs assessments and identify priorities in this regard? | |
| a) no (please specify the reasons) | |
| b) no, but some collaborative projects are being considered or planned | X |
| c) yes, some activities undertaken (please provide details) | |
| d) yes, many activities undertaken (please provide details) | |
| Further comments on regional taxonomic needs assessment and identification of priorities | |
| To be involved with ASEANET project. | |
| 3. Is your country involved in any activities as part of a global taxonomic needs assessment? | |
| a) no | X |
| b) yes (please provide details) | |
| Further comments on the involvement in the activities for the global taxonomic needs assessment | |
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| 4. Is your country undertaking any activities of public education and awareness to promote the implementation of the programme of work for the GTI? | |
| a) no | |
| b) yes, some programmes developed and some activities undertaken (please provide details) | X |
| c) yes, comprehensive programmes developed and many activities undertaken (please provide details) | |
| Further comments on public education and awareness programmes and activities | |
| In 2003, the Museums department has organized a Botanical workshop of Merimbun Heritage Park for technical staffs of various research government agencies. Some research projects also involve some students to do their study on any forest ecosystems. They will promote awareness on the importance of taxonomy, inventory and conservation. | |

Operational objective 2. Provide focus to help build and maintain the systems and infrastructure needed to obtain, collate and curate the biological specimens that are the basis for taxonomic knowledge

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| 5. Is your country working to strengthen global and regional capacity building to support access to and generation of taxonomic information ¹ ? | |
| a) no (please specify the reasons) | |
| b) no, but some programmes under development | |
| c) yes, limited capacity building (please provide details) | X |
| d) yes, significant capacity building (please provide details) | |
| Further comments on global and regional capacity building to support access to and generation of taxonomic information | |
| Nominating staffs to participate in any taxonomic training, financial support by NGO or regional ARCBC. Generation of taxonomic information is done through cooperation with taxonomic research centres or universities. | |
| 6. Is your country working with other countries to create and/or strengthen the networks for regional cooperation in taxonomy? | |
| a) no | |
| b) no, but consultation is under way | |
| c) no, but some plans and programmes are under development | X |
| d) yes, some activities undertaken for this purpose (please provide details) | |
| e) yes, comprehensive activities undertaken for this purpose (please provide details) | |
| Further comments on strengthening of existing networks for regional cooperation in taxonomy | |
| Data and information from existing Brunei Plant Database to be compiled and linked with ARCBC networking. | |

¹ Responses to question 5 are expected to focus on, but not limited to (a) human capacity building; (b) infrastructure capacity building.

Operational objective 3. Facilitate an improved and effective infrastructure/system for access to taxonomic information, with priority on ensuring that countries of origin gain access to information concerning elements of their biodiversity

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| 7. Is your country involved in the development of a coordinated global taxonomy information system, in particular the infrastructure to access digitized data/information? | |
| a) no | X |
| b) no, but some plans are being considered | |
| c) yes, to a limited extent (please provide details) | |
| d) yes, to a significant extent (please provide details) | |
| Further comments on involvement in the development of a coordinated global taxonomy information system | |
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Operational objective 4. Within the major thematic work programmes of the Convention include key taxonomic objectives to generate information needed for decision-making in conservation and sustainable use of biological diversity and its components

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| 8. Has your country made any taxonomic studies and inventories at the national level, which provide a basic assessment of forest biological diversity, in particular in areas under current threat for habitat conversion, or of high conservation value? | |
| a) no (please provide the reasons) | |
| b) no, but some programmes are under development | |
| c) yes, some studies and inventories made (please provide details) | X |
| d) yes, comprehensive studies and inventories made (please provide details) | |
| Further comments on taxonomic studies and inventories made for a basic assessment of forest biological diversity | |
| Taxonomic inventory had been focused mainly on the flora. The checklist of Flowering Plants and Gymnosperms of Brunei Darussalam (produced in 1996), covered all forest types including conservation sites and forest reserves. The on-going project, The Tree Field Guide of Brunei Darussalam, the revisions of all tree families in Brunei. The fauna has been partly conducted. Mostly on vertebrates and invertebrates studies. | |
| 9. Has your country undertaken any taxonomy-related activities relating to marine and coastal biodiversity, in particular taxonomic work related to identification of ballast water organisms and monitoring health of mangrove systems through their invertebrate fauna? | |
| a) no | |
| b) not applicable | |
| c) no, but some programmes are under development | |
| d) yes, some activities undertaken (please provide details) | X |
| e) yes, many measures undertaken (please provide details) | |
| Further comments on taxonomy-related activities identified in the programme of work on marine and coastal biodiversity | |

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| The Fisheries Department and the Biology department of University Brunei Darussalam study this marine and coastal biodiversity. | |
| Concerning mangrove, there were inventories that have been done. | |
| 10. Has your country developed taxonomic support for implementing relevant actions identified in the programme of work on dry and sub-humid lands biodiversity, in particular identification of key indicator taxa like lichens? | |
| a) no (please provide reasons and plans for improvement) | |
| b) not applicable | X |
| c) no, but some programmes are under development | |
| d) yes, some activities undertaken (please provide details) | |
| e) yes, many activities undertaken (please provide details) | |
| Further comments on taxonomic support for implementing the programme of work on dry and sub-humid lands biodiversity | |
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| 11. Has your country developed taxonomic support for implementing relevant actions identified in the programme of work on inland waters biodiversity, in particular regional guides to freshwater fish and invertebrates as an input to ecosystem monitoring for river and lake health? | |
| a) no | |
| b) no, but some programmes are under development | |
| c) yes, some activities undertaken (please provide details) | X |
| d) yes, many activities undertaken (please provide details) | |
| Further comments on taxonomic support for the implementation of the programme of work on inland waters biodiversity | |
| The Museums Department, Fisheries Department and University Brunei Darussalam have been studied our wetland ecosystems. | |
| 12. Has your country undertaken any taxonomy-related activities identified in the programme of work on agricultural biodiversity as well as relevant activities identified in the International Pollinator Initiative and the International Soil Biodiversity Initiative? | |
| a) no | |
| b) no, but some activities are being planned | |
| c) yes, some activities undertaken (please provide details) | X |
| d) yes, comprehensive activities undertaken (please provide details) | |
| Further comments on taxonomy-related activities for the implementation of the programme of work on agricultural biodiversity | |
| Some activities in relation to fruit species, are being undertaken by Agriculture department. ARCBC funding project on Durian species of Brunei Darussalam | |
| 13. Is your country developing any taxonomic support for the implementation of the programme of work on mountain biodiversity, in particular identification of biodiversity components unique to mountain ecosystems? | |
| a) no | X |

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| b) no, but some programmes are under development | |
| c) yes, limited support (please provide details) | |
| d) yes, significant support (please provide details) | |
| Further comments on taxonomic support for the implementation of the programme of work on mountain biodiversity | |
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| 14. Has your country developed taxonomic support for the implementation of the programme of work on protected areas? | |
| a) no | |
| b) no, but some programmes are under development | |
| c) yes, some programmes in place and are being implemented (please provide details) | X |
| d) yes, comprehensive programmes are being implemented (please provide details) | |
| Further comments on taxonomic support provided to the implementation of the programme of work on protected areas | |
| Some studies on protected areas have been carried out by government agencies and local and foreign universities. | |

Operational objective 5. Within the work on cross-cutting issues of the Convention include key taxonomic objectives to generate information needed for decision-making in conservation and sustainable use of biological diversity and its components

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| 15. Has your country taken any measures to strengthen capacity for the inventory and classification of biodiversity and its components in the development of a national strategy on access and benefit-sharing? | |
| a) no | |
| b) no, but some programmes are under development | X |
| c) yes, some measures taken (please provide details) | |
| d) yes, comprehensive measures taken (please provide details) | |
| Further comments on the measures to strengthen capacity for the inventory and classification of biodiversity and its components in the development of a national strategy on access and benefit-sharing | |
| Under the 8 th National Development Plan, the forestry department has developed Brunei Tropical Biodiversity Centre. | |
| 16. Has your country developed taxonomic support to address the issues of invasive alien species? | |
| a) no | |
| b) no, but relevant policy and programme under development | X |
| c) yes, some policies and programmes in place (please provide details) | |
| d) yes, comprehensive policies and programmes in place (please provide details) | |

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| Further comments on taxonomic support to address the issues of invasive alien species | |
| Some research work has been done with the assistance of academic researchers. | |
| 17. Has your country developed taxonomic information system to support the maintenance, preservation and protection of traditional knowledge, innovations and practices of indigenous and local communities in accordance with Article 8(j) and related provisions? | |
| a) no | |
| b) not applicable | |
| c) no, but some programmes are under development | X |
| d) yes, some activities undertaken but a system is not in place yet (please provide details) | |
| e) yes, a taxonomic information system in place (please provide details) | |
| Further comments on the taxonomic information system to support the maintenance, preservation and protection of traditional knowledge, innovations and practices of indigenous and local communities | |
| Some activities are undertaken but limited. The inventories carried out with local communities by some government agencies and local university to collect ethnobotanical information on medicinal and the uses of indigenous plants. The Agriculture Department has published a book on The Medicinal Plants of Brunei Darussalam. | |
| 18. Has your country undertaken any taxonomy-related activities that support the implementation of the ecosystem approach and the work in the field of assessments, monitoring and indicators? | |
| a) no | |
| b) no, but some programmes are under development | X |
| c) yes, some programmes in place (please provide details) | |
| d) yes, comprehensive programmes in place (please provide details) | |
| Further comments on programmes and activities to support the implementation of the ecosystem approach and the work in the field of assessments, monitoring and indicators | |
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If your country wishes to provide additional information on implementation of this programme of work, please do so in the following space

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