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SUBJECT: GUIDANCE FOR PREPARATION OF BACKGROUND ASSESSMENTS ON BIOLOGICAL DIVERSITY AND TROPICAL FORESTS FOR USE IN CDSS OR OTHER COUNTRY PLANS

# 1. SUMMARY

AMENDMENT TO TROPICAL FOREST AND 119 BIOLOGICAL DIVERSITY OF THE FOREIGN ASSISTANCE ACT (FAA) REQUIRE THAT CDSS OR OTHER COUNTRY PLANS INCLUDE AN ANLYSIS OF (A) THE ACTIONS NECESSARY IN THAT COUNTRY TO CONSERVE BIOLOGICAL DIVERSITY AND TROPICAL FORESTS AND (B) THE EXTENT TO WHICH CURRENT OR PROPOSED AID ACTIONS (IF ANY EXIST IN THAT COUNTRY) MEET THOSE NEEDS. IN COUNTRIES WHERE NECESSARY INFORMATION FOR PREPARATION OF THE CDSS OR OTHER COUNTRY PLAN IS NOT AVAILABLE, MISSION MAY ELECT TO SUPPORT A BACKGROUND ASSESSMENT.

### 2. INTRODUCTION

PPC RECENTLY ISSUED GUIDANCE ON THE NEW STATUTORY REQUIREMENT FOR MISSIONS TO ADDRESS BIOLOGICAL

DIVERSITY AND TROPICAL FOREST CONSERVATION IN THEIR CDSS AND OTHER COUNTRY PLANS (REFERENCE A). IN RESPONSE, A NUMBER OF CDSS AND OTHER COUNTRY PLAN TREATMENTS OF BIODIVERSITY AND TROPICAL FORESTS HAVE BEEN RECEIVED BY AID/W IN A RANGE OF FORMATS AND LEVEL OF DETAIL.

IN MANY COUNTRIES, SUFFICIENT INFORMATION MAY NOT BE AVAILABLE TO COMPLETE THE CDSS OR OTHER COUNTRY PLAN SECTION ON BIODIVERSITY AND TROPICAL FORESTRY. IF SUFFICIENT INFORMATION IS NOT AVAILABLE, THE AGENCY'S BIOLOGICAL DIVERSITY WORKING GROUP RECOMMENDS, WHERE APPROPRIATE, PREPARATION OF A COMBINED BIODIVERSITY/TROPICAL FORESTRY BACKGROUND ASSESSMENT. SUCH BACKGROUND ASSESMENTS SHOULD PROVIDE THE BASIS FOR THE REQUIRED BIODIVERSITY/TROPICAL FORESTRY SECTION IN MISSION CDSS AND OTHER COUNTRY PLANS. THE BACKGROUND ASSESSMENT SHOULD ALSO IDENTIFY NEEDS AND PRIORITY ACTIONS IN ASSISTED COUNTRIES, AND BE USEFUL TO OTHER DONORS, THE HOST COUNTRY GOVERNMENT (HCG) AND NGOS IN ESTABLISHING PRIORITIES AND IDENTIFYING OPPORTUNITIES FOR SUPPORTING BIOLOGICAL DIVERSITY ACTIVITIES. THE CDSS OR OTHER COUNTRY PLAN SECTION ON BIOLOGICAL DIVERSITY AND TROPICAL FORESTS SHOULD SUMMARIZE THE MAJOR ISSUES IDENTIFIED BY THE BACKGROUND ASSESSMENT OR ANLYSIS AND RECOMMEND REMEDIAL ACTIONS, AS APPROPRIATE, THAT MAYBE TAKEN. IN REVIEWING ACTIONS THAT MAY ADDRESS ISSUES IDENTIFIED IN THE BACKGROUND ASSESSMENT, MISSION SHOULD GIVE SPECIAL CONSIDERATION TO THOSE THAT CAN BE UNDERTAKEN BY THE PRIVATE SECTOR (INCLUDING PVOS AND NGOS), OR IN COLLABORATION WITH THE PEACE CORPS, AND THAT CAN BE FINANCED BY LOCAL CURRENCY.

IT MUST BE EMPHASIZED THAT THIS CABLE IS TO PROVIDE GUIDANCE AND Ó( TENTIAL MODEL TO COMPLETE A BACKGROUND ASSESSMENT. THE ILLUSTRATIVE SCOPE OF WORK PROVIDED BELOW IS NOT, REPEAT, NOT INTENDED AS A MINIMUM REQUIREMENT FOR ALL MISSIONS, BUT IS ONLY SUGGESTIVE OF THE TYPE OF INFORMATION THAT WOULD BE COLLECTED IF POSSIBLE, AND ANALYZED IF AVAILABLE. THIS INFORMATION MAY FACILITATE PREPARATION OF THE REQUIRED CDSS OR OTHER COUNTRY PLAN SECTIONS.
MISSIONS ARE ASKED TO COMPLETE ONLY AS MUCH OF THE INFORMATION AS FEASIBLE. TO PREVENT REPETITION OF EFFORT, EXISTING INFORMATION SHOULD BE USED WHENEVER POSSIBLE.

THE LEVEL OF EFFORT FOR RECENT BACKGROUND ASSESSMENTS

HAS BEEN ON THE ORDER OF 6 TO 12 PERSON-WEEKS AT A COST OF UP TO U.S. DOLLOARS 80,080. FUNDING FOR THESE ASSESSMENTS SHOULD IN MOST CASES BE PROVIDED BY MISSIONS. HOWEVER, ASSISTANCE FROM AID/W CAN BE DISCUSSED ON A CASE BY CASE BASIS.

FINALLY, ALTHOUGH SECTIONS 118 AND 119 REQUIRE ONLY THAT THE CDSS AND OTHER COUNTRY PLAN INCLUDE AN ANALYSIS OF (A) THE ACTIONS NECESSARY IN THAT COUNTRY TO CONSERVE BIOLOGICAL DIVERSITY AND TROPICAL FORESTS AND (B) THE EXTENT TO WHICH CURRENT OR PROPOSED AID ACTIONS MEET THOSE NEEDS, THE BIOLOGICAL WORKING GROUP RECOMMENDS THAT THE CDSS OR OTHER COUNTRY PLAN ANALYSIS ALSO SUMMARIZE THE MAJOR ISSUES IDENTIFIED IN THE BACKGROUND ASSESSMENT AND RECOMMEND ACTIONS THAT THE MISSIONS AND AID/W SHOULD CONSIDER. SPECIAL ATTENTION SHOULD BE GIVEN TO THE PRIVATE SECTOR INCLUDING NGOS, THE USE OF LOCAL CURRENCIES, AND COLLABORATION WITH THE PEACE CORPS. A SUMMARY OF THE BIOLOGICAL DIVERSITY/ TROPICAL FORESTRY SECTIONS OF THE CDSS OR OTHER COUNTRY PLAN WILL BE PROVIDED TO CONGRESS.

#### 3. FUNDING FOR BIODIVERSITY PROJECTS

MISSIONS SHOULD BE AWARE THAT THE AGENCY IS COMMITTED TO OBLIGATING U.S. DOLLARS 4.5 MILLION FOR BIOLOGICAL DIVERSITY IN FY 88. ALTHOUGH A PORTION OF THIS IS PROGRAMMED THROUGH OTHER MECHANISMS, LAC AND OTHER COULD HAVE APPROXIMATELY U.S. DOLLARS 500,000 AVAILABLE FOR BIODIVERSITY, ADDITIVE TO BUREAU OYBS. AFR FUNDING IS STILL UNDER REVIEW. FUNDS WILL BE DISBURSED IN A MANNER SIMILAR TO FY 87. MISSION SHOULD COMMUNICATE WITH REGIONAL BUREAU ENVIRONMENTAL OFFICERS ABOUT PROJECTS WORTHY OF SUPPORT AS SOON AS POSSIBLE. AMONG OTHER RESTRICTIONS, THIS REGIONAL BUREAU MONEY MAY NOT BE USED TO FUND EXISTING PROJECTS AND SHOULD BE MATCHED WITH NON-AID SOURCE FUNDS.

4. THIS GUIDANCE AND POTENTIAL MODEL IS PROVIDED TO ALL MISSIONS FOR THEIR INFORMATION, BUT IS INTENDED MORE SPECIFICALLY FOR THOSE THAT WILL SUBMIT THEIR CDSS OR OTHER COUNTRY PLAN IN FY 88, OR THAT WILL PROVIDE ANNEXES TO DOCUMENTS OF FAA SECTIONS 118/119. IN ANE AND LAC, MISSIONS THAT HAVE NOT YET COMPLETED THEIR CDSS OR OTHER COUNTRY PLAN TREATMENT OF FAA SECTIONS 118/119 ARE:

ASIA BUREA: BANGLADESH, BURMA, AND INDIA,

LAC BUREA: BOLIVIA, COSTA RICA, DOMINICAN REPUBLIC, ECUADOR, EL SALVADOR (FORESTRY), GUATEMALA, HAITI, AND ROCAP.

5. FYI, AID/W RECORDS SHOW THAT THE FOLLOWING MISSIONS HAVE COMPLETED, ARE CONDUCTING, OR HAVE SCHEDULED THE REQUIRED CDSS OR OTHER COUNTRY PLAN ANALYSIS OF BIOLOGICAL DIVERSITY AND TROPICAL FORESTS:

AFR: MADAGASCAR, NIGER, RWANDA AND SUDAN

ANE: EGYPT, INDONESIA, JORDAN, MOROCCO, NEPAL, OMAN, PAKISTAN, PHILIPPINES, SOUTH PACIFIC, SRI LANKA, THAILAND, TUNESIA, AND YEMEN.

LAC: BELIZE, EL SALVADOR, (BIODIVERSITY), HONDURAS, JAMAICA, PANAMA, PERUS, AND RDO/C.

SHOULD THE INFORMATION IN PARAS 3 AND 4 BE INCORRECT, PLEASE ADVISE ASAP.

6. AFRICA-SPECIFIC INFORMATION. THE AGENCY RECOGNIZES THAT THE AFRICA BUREAU'Ó( OGRAMMATIC CATEGORY 3 MISSIONS DO NOT SUBMIT EITHER A CDSS OR AN ACTION PLAN. THIS DOES NOT ORVIATE THE NEED TO MEET THE REQUIREMENTS OF THE LEGISLATION. HOWEVER, THE GUIDANCE AND POTENTIAL MODEL PROVIDED HEREIN MAY NOT BE APPROPRIATE FOR THESE MISSIONS. NEVERTHELESS, PROGRAMMACTIC CATEGORY 3 MISSIONS SHOULD SUBMIT AN ANNEX TO THEIR 10 PAGE COUNTRY PROGRAM STATEMENT. THIS STATEMENT SHOULD INDICATE, TO THE EXTENT POSSIBLE, AND FROM THE BEST INFORMATION AVAILABLE, THE ACTIONS NEEDED IN THAT CCOUNTRY TO CONSERVE BIOLOGICAL DIVERSITY AND TROPICAL FORESTS, AND INDICATE CURRENT OR PROPOSED ACTIVITIES THAT MEET THOSE NEEDS.

### 7. ASSISTANCE AVAILABLE FROM AID/W

A NUMBER OF COUNTRIES NOW HAVE LOCAL ORGANIZATIONS THAT CAN BE CONTRACTED TO UNDERTAKE THESE BACKGROUND ASSESSMENTS. ALSO, THER ARE TWO ENVIRONMENTAL IQCS AND OTHER U.S. MECHANISM FOR UNDERTAKING SUCH STUDIES.

SUPPLEMENTARY SHORT"TERM TECHNICAL ASSISTANCE TO MISSIONS FOR THESE ASSESSMENTS IS AVAILABLE FROM A NUMBER OF SOURCES:

FIELD AND AID/W ENVIRONMENTAL AND NATURAL RESOURCES STAFF OR REGIONAL BUREAUS AND THEIR SUPPORT PROJECTS.

BUREAU FOR SCIENCE AND TECHNOLOGY TECHNICAL SUPPORT PROJECTS WHICH INCLUDE:

ENVIRONMENTAL PLANNING AND MANAGEMENT PROJECT
(9365517, ST/FEMR WITH IIED)

FOREST RESOURCES MANAGEMENT PROGRAM (FORESTRY SUPPORT PROGRAM), (936-5519; ST/FEMR WITH USDA)

BIOLOGICAL DIVERSITY CONSERVATION PROJECT
((9365554, ST/FEMR WITH IIED)

DESFIL, FRAGILE LANDS PROJECT (IN LAC ONLY;

IN SOME COUNTRIES, FOR EXAMPLE IN MOROCCO AND TUNESIA, BACKGROUND ASSESSMENTS HAVE BEEN PREPARED IN COOPERATION WITH THE PEACE CORPS.

ASSISTANCE WOULD INCLUDE TDYS AND CONSULTANT SERVICES, AND HELP IN IDENTIFYING AND PROVIDING BACKGROUND INFORMATION, SUCH AS COUNTRY ENVIRONMENTAL PROFILES, NATIONAL CONSERVATION STRATEGIES, AND FORESTRY SECTOR REVIEWS. ASSISTANCE MAY ALSO BE PROVIDED IN CONDUCTING LITERATURE REVIEWS AS THE BASIS FOR FIELD WORK FUNDING SOURCES FOR THIS ASSISTANCE (AID/W, PROJECT, OR MISSION) WILL BE DISCUSSED ON A CASE BY CASE BASIS.

# 8. ILLUSTRATIVE SCOPE OF WORK

THE FOLLOWING RECOMMENDED OUTLINE FOR THE BACKGROUND ASSESSMENT FOCUSES ON THE GATHERING OF EXISTING DATA AND INFORMATION TO REVIEW THE STATUS OF BIOLOGICAL DIVERSITY AND TROPICAL FOREST CONSERVATION IN HOST COUNTRIES. THE BACKGROUND ASSESSMENT SHOULD IDENTIFY NEEDS AND PRIORITIES FOR FUTURE BIOLOGICAL DIVERSITY AND TROPICAL FOREST CONSERVAATION ACTIONS BY AID, OTHER DEVELOPMENT ASSISTANCE DONORS, THE HOST-COUNTRY GOVERNMENT, AND THE NONGOVERNMENTAL CONSERVATION COMMUNITY. THE IDENTIFICATION OF NEEDS AND PRIORITIES SHOULD BE AS COMPREHENSIVE AS POSSIBLE, KEEPING IN MIND THAT THE AGENCY IS NOT COMMITTED TO MEETING ALL OF THE NEEDS IDENTIFIED.

AGAIN, IT IS EMPHASIZED THAT THIS ILLUSTRATIVE SCOPE OF WORK IS INTENDED ONLY AS A SUGGESSTIVE MODEL TO HELP THE MISSION IDENTIFY THE TYPE OF INFORMATION THAT SHOULD BE GATHERED AND ANALYZED IF POSSIBLE.

## A. INTRODUCTION

THE BIOLOGICAL DIVERSITY AND TROPICAL FOREST CONSERVATION ASSESSMENT SHOULD DESCRIBED THE HOST-COUNTRY'S BIOLOGICAL RESOURCES, EVALUATE THEIR STATUS, IDENTIFY PRESSURES AFFECTING THOSE RESOURCES, AND PROPOSE COST EFFECTIVE AND IMPLEMENTABLE ACTIONS WHICH CAN BE TAKEN TO ASSURE THE SUSTAINABLE USE OF THOSE RESOURCES. (EXPERIENCE HAS SHOWN THAT AN EFFECTIVE WAY TO CONDUCT THE BIODIVERSITY/TROPICAL FORESTRY ASSESSMENT IS, IN THE FIRST PHASE, TO COLLECT RELEVANT BACKGROUND INFORMATION AND REPORT. THIS INFORMATION IS MOST USEFUL IF IT IS SUMMARIZED AND AVAILABLE BEFORE THE ARRIVAL OF THE ASSESSMENT TEAM. AID/W ASSISTANCE IDENTIFIED IN PARAGRAPH 7 CAN BE USED IN THIS PRELIMINARY PHASE). THE ASSESSMENT SHOULD INCLUDE PARENTHETICAL REFERENCES TO THE SOURCES OF ALL INFORMATION AND A BIBLIOGRAPHY.

#### B. OUTLINE

THE SCOPE OF WORK FOR THE BIOLOGICAL DIVERSITY AND TROPICAL FOREST ASSESSMENT FOR EACH COUNTRY SHOULD INCLUDE, BUT NOT LIMITED TO, ITEMS IDENTIFIED IN THE OUTLINE PROVIDED BELOW. WHILE ALL OF THE INFORMATION OUTLINED BELOW WOULD BE DESIRABLE, IT IS UNDERSTOOD THAT MISSIONS MAY NEED TO MODIFY THE OUTLINE IN RESPONSE TO ACTUAL INFORMATION AVAILABLE AND INSTITUTIONAL STRUCTURE IN MOST COUNTRIES, AND MAY WISH TO UPDATE IT IN THE FUTURE

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# A. INTRODUCTION

THIS SECTION OF THE ASSESSMENT WILL PROVIDE AN OVERVIEW OF THE INFORMATION AVAILABLE AND USED IN THE ASSESSMENT. IT SHOULD IDENTIFY SIGNIFICANT GAPS IN INFORMATION ON THE STATUS AND MANAGEMENT OF BIOLOGICAL DIVERSITY AND TROPICAL FOREST RESOURCES IN THE HOST-COUNTRY.

### B. LEGISLATIVE AND INSTITUTIONAL STRUCTURE

THE BACKGROUND ASSESSMENT SHOULD INCLUDE A REVIEW OF THE CURRENT LEGISLATIVE INSTITUTIONAL INSTRUCTURE FOR THE MANAGEMENT OF BIOLOGICAL DIVERSITY AND TROPICAL FORESTS. THIS REVIEW SHOULD INCLUDE A DESCRIPTION OF MAJOR ORGANIZATIONS, BOTH PUBLIC AND PRIVATE, WHICH HAVE A ROLE IN THIS PROCESS.

(J.) HOST-COUNTRY GOVERNMENT

THE BACKGROUND ASSESSMENT SHOULD INCLUDE A REVIEW OF THE LEGISLATIVE BASIS, BOTH NATIONAL AND LOCAL, FOR THE PROTECTION AND MANAGEMENT OF BIOLOGICAL RESOURCES, INCLUDING TROPICAL FORESTS, IN THE HOSTCOUNTRY. THIS SHOULD INCLUDE A REVIEW OF INTERNATIONAL TREATIES AND AGREEMENTS, WHICH HAVE BEEN RATIFIED BY HCG (CITIES, RAMSAR, ETC.), AND THE EFFECTIVENESS OF NATIONAL IMPLEMENTATION. A DESCRIPTION SHOULD BE PROVIDED OF THE INSTITUTIONS RESPONSIBLE FOR BIOLOGICAL DIVERSITY AND TROPICAL FOREST ISSUES, AND MANAGEMENT OF ALL NATURAL RESOURCES, WITHIN THE HCG. IT SHOULD ASEESS THE INTEREST AND COMMITMENT OF THE GOVERNMENT TO THE CONSERVATION OF BIOLOGICAL DIVERSITY AND TROPICAL FORESTS, AND SUMMARIZE HCG WHETHER ENVIRONMENTAL PROFILES OR NATIONAL CONSERVATION STRATEGIES HAVE BEEN PRODUCED OR ARE CURRENTLY UNDERWAY.

#### (2) NONGOVERNMENTAL ORGANIZATIONS

THIS SECTION SHOULD INCLUDE A DESCRIPTION OF MAJOR ORGANIZATIONS, BOTH PUBLIC AND PRIVATE, WHICH HAVE A ROLE IN CONSERVING BIOLOGICAL DIVERSITY AND TROPICAL FORESTS AND THE LEVELS OF FUNDING THEY CONTRIBUTE TOWARD THIS ISSUE.

### (3) AID, OTHER DONORS AND INTERNATIONAL ORGANIZATIONS

THIS SECTION SHOULD INCLUDE A DESCRIPTION OF OTHER DONORS AND INTERNATIONAL ORGANIZATIONS, BOTH INDIGENOUS AND EXTERNAL, WHICH HAVE A ROLE IN CONSERVING BIOLOGICAL DIVERSITY (INCLUDING TROPICAL FORESTS) AND THE LEVELS OF FUNDING THEY RECEIVE OR CONTRIBUTE TOWARD THIS ISSUE. THEIR RELATIONSHIP WITH THE GOVERNMENT, MEMBERSHIP, AND PRINCIPAL PROGRAMS SHOULD BE IDENTIFIED.

# C. STATUS AND MANAGEMENT OF PROTECTED AREAS

THIS SECTION SHOULD INCLUDE AN INVENTORY OF DECLARED AND PROPOSED NATIONAL PARKS, WILDLIFE REFUGES, FOREST RESERVES, SANCTUARIES HUNTING PRESERVES AND OTHER PROTECTED AREAS. THE GOVERNMENT AGENCY OR NONGOVERNMENTAL ORGANIZATION CONTROLLING EACH OF THE TYPES OF PROTECTED AREA SHOULD BE IDENTIFIED. A COUNTRY MAP WITH THE LOCATION OF ALL EXISTING AND PROPOSED PROTECTED AREAS SHOULD BE USEFUL. AN ASSESSMENT SHOULD BE MADE OF THE EFFECTIVENESS OF THESE AREAS IN PROTECTING PLANT AND ANIMAL RESOURCES, AND OF THEIR IMPORTANCE TO HOST-COUNTRY'S ECONOMY

(E.G. FOR PROVIDING TOURIST OPPORTUNITIES OR FOR PROTECTING IMPORTANT WATERSHEDS). AN ANALYSIS OF THE MANAGEMENT EFFECTIVENESS IN THESE AREAS SHOULD BE INCLUDED.

### D. STATUS AND PROTECTION OF ENDANGERED SPECIES

THIS SECTION SHOULD INCLUDE AN INVENTORY OF RARE AND ENDNGERED SPECIES FOUND IN HOST-COUNTRY AND ITS TERRITORIAL WATERS. IT SHOULD IDENTIFY THEIR CRITICAL HABITATS AND EVALUATE PRESSURES ON THESE HABITATS. IT SHOULD REVIEW EFFORTS WHICH HAVE BEEN ACCEPTED FOR PROTECTION OF THESE SPECIES AND THEIR HABITATS AND ASSESS THEIR EFFECTIVENESS.

# E. CONSERVATION OUTSIDE OF PROTECTED AREAS

THIS SECTION SHOULD INCLUDE A DESCRIPTION OF CONSERVATION ACTIVITIES IN HOST-COUNTRY WHICH ARE BEING UNDERTAKEN OUTSIDE DESIGNATED PROTECTED AREAS. THIS SHOULD INCLUDE, BUT NOT BE LIMITED TO REVIEW OF THE FOLLOWING ITEMS:

#### (1.) MANAGED NATURAL ECOSYSSTEMS

THIS SECTION SHOULD INCLUDE A DESCRIPTION OF THE MAJOR ECOSYSTEMS OF HOSTCOUNTRY AND AN ANALYSIS OF THEIR PRESENT CONSERVATION STATUS. A COUNTRY MAP (TO THE SAME SCALE AS THE PROTECTED AREA MAP) OF THE NATURAL VEGETATION OR HABITAT TYPES WOULD BE USEFUL. THE TEXT SHOULD REVIEW THE STATUS OF MANAGED NATURAL ECOSYSTEMS INCLUDING BUT NOT LIMITED TO:

FOREST RESOSURCES
RANGELAND RESOURCES
COASTAL AND MARINE RESOSURCES
WETLANDS
AGRICULTURAL SYSTEMS

THE TEXT SHOULD INCLUDE A DISCUSSION OF THE ECONOMIC, ECOLOGICAL AND SOCIAL IMPORTANCE OF THESE ECOSYSTEMS TO HOSTCOUNTRY, IT SHOULD ADDRESS THEIR ROLE IN THE REGULATION OF EROSION, MANAGEMENT OF WATER FLOW, AND THE MAINTENANCE OF PRODUCTIVE SOILS. THE ASSESSMENT SHOULD PLACE SPECIAL EMPHASIS AND WETLANDS OF HOST-COUNTRY AND DESCRIBE THEIR STATUS AND CURRENT THREATS. THE RELATIONSHIP BETWEEN LAND OWNERSHIP PATTERNS AND EFFECTIVE CONSERVATION SHOULD BE ADDRESSED.

# (2.) IMPACTS OF DEVELOPMENT PROJECTS

THE TEXT SHOULD INCLUDE A REVIEW, BY MAJOR ECOSYSTEM, OF THE IMPACTS OF INTERNATIONALLY AND LOCALLY FUNDED MAJOR DEVELOPMENT PROJECTS ON BIOLOGICAL DIVERSITY AND TROPICAL FOREST RESOURCES. THE TEXT SHOULD REVIEW THE REGULATORY FRAMEWORK CONCERNING THE IMPLEMENTATION OF DEVELOPMENT PROJECTS AS THEY AFFECT BIOLOGICAL DIVERSITY INCLUDING TROPICAL FORESTS. THE TEXT SHOULD SPECIFY THE ENVIRONMENTAL REVIEW AND PERMITTING REQUIREMENTS OF THE HOST-COUNTRY GOVERNMENT AS THEY CONCERN MAJOR PROJECTS.

### (3.) EXSITU CONSERVATION

THIS SUBSECTION SHOULD PROVIDE A DESCRIPTION OF EX-SITU SPECIES CONSERVATION EFFORTS BEING UNDERTAKEN AND/OR PLANNED IN HOST-COUNTRY, IT SHOULD REVIEW THE PROGRAMS OF NATURAL HISTORY MUSEUMS, HERBERINGS, BOTANICAL GARDENS, ZOOS, AND CAPTIVE BREEDING PROGRAMS AND INCLUDE A SUMMARY OF ANY EXISTING CONSERVATION AND DATA BASES.

F. CONSERVATION OF ECONOMICALLY IMPORTANT SPECIES AND GERMPLASM

THIS SECTION SHOULD PROVIDE A DESCRIPTION OF THE ACTIVIES BEING UNDERTAKEN IN HOSTCOUNTRY FOR THE CONSERVATION OF ECONOMICALLY IMPORTANT SPECIES AND GERMPLASM. IT SHOULD REVIEW THE STATUS OF GENE BANKS FOR CROP AND LIVESTOCK SPECIES, NATIVE SEED SELECTION, AND ACTIVITIES BEING UNDERTAKEN TO SUPPORT THE SUSTAINED PRODUCTION OF COMMERCIALLY IMPORTANT WILD PLANT AND ANIMAL SPECIES (E.G. FOR FORESTRY PRODUCTION, HUNTING, FISHING OR COMMERCIAL TRADE), AND IN-SITU CONSERVATION OF LAND RACES AND WILD RELATIVES OF IMPORTANT CROPS.

G. MAJOR ISSUES IN BIOLOGICAL DIVERSITY AND TROPICAL FOREST CONSERVATION

THIS SECTION OF THE ASSESSMENT SHOULD PROVIDE A SUMMARY OF THE MAJOR ISSUES REQUIRING ATTENTION IN ORDER TO IMPROVE THE CONSERVATION OF BIOLOGICAL DIVERSITY AND FOREST RESOURCES. THE PRESENT AND FUTURE REQUIREMENTS FOR THE DEVELOPMENT OF LOCAL

INSTITUTIONS AND TRAINING, BOTH GOVERNMENT AND NONGOVERNMENTAL, SHOULD BE ADDRESSED. ISSUES CONCERNING THE MANAGEMENT OF PROTECTED AREAS SHOULD BE REVIEWED. SPECIAL ATTENTION SHOULD BE GIVEN TO THE PROBLEMS OF ASSURING ADEQUATE PROTECTION OF WETLANDS, COASTAL, AND MARINE ENVIRONMENTS (E.G. DO EXISTING PROTECTED AREAS ENCOMPAS MOST SIGNIFICANT BIOLOGICAL RESOURCES). AN ATTEMPT SHOULD BE MADE TO PRIORITIZE ISSUES NEEDING MOST IMMEDIATE ATTENTION.

#### H. RECOMMENDATIONS FOR PROPOSED ACTIONS

THIS SECTION SHOULD PROVIDE A REVIEW OF PROPOSED ACTIONS TO ADDRESS ISSUES CONCERNING BIOLOGICAL DIVERSITY AND TROPICAL FORESTS WHICH MAYBE IMPLEMENTED, WITH SUPPORT FROM AID, THE HCG, INTERNATIONAL DEVELOPMENT ORGANIZATIONS, AND LOCAL AND INTERNATIONAL NONGOVERMENTAL ORGANIZATIONS. RECOMMENDATIONS SHOULD BE IDENTIFIED WITH REGARD TO THEIR RELATIVE PRIORITY AND LENGTH OF IMPLEMENTATION PERIOD. IF AVAILABLE, PROPOSED ACTIONS SHALL INCLUDE A BRIEF DESCRIPTION OF THEIR OBJECTIVE AND ANTICIPATED BENEFITS. THIS SHALL INCLUDE A CONCISE ANALYSIS OF COST (FOREIGN AND LOCAL CURRENCY), IDENTIFICATION OF THE APPROPRIATE INSTITUTION (S) FOR IMPLEMENTATION, ESTIMATED IMPLEMENTATION PERIOD, AND OUTLINE REQUIREMENTS FOR INSTITUTIONAL DEVELOPMENT AND TRAINING TO ASSURE THE SUSTAINABILITY OF THE PROPOSED PROGRAM.

THIS SECTION SHOULD ALSO INCLUDE THE IDENTIFICATION AND ASSESSMENT OF THE HCG AND NGO INSTITUTIONAL AND EDUCATION AND TRAINING PROGRAMS TO PRESERVE AND AUGMENT BIOLOGICAL DIVERSITY AND TROPICAL FORESTS, ESPECIALLY WHERE ENDANGERED SPECIES ARE APPARENT. THE ASSESSMENT WILL ADDRESS PROGRAM CONSTRAINTS, INCLUDING THE NEED TO CONSIDER CONDITIONING CERTAIN ASSISTANCE UPON HCG LEGISLATIVE OR ADMINISTRATIVE ACTION IN ORDER TO OFFICIALLY DESIGNATE AID STRENGTHEN HCG COMMITMENTS FOR PROTECTED AREAS, AND FOREST CONSERVATION.

#### I. APPENDICES

THE ASSESSMENT SHOULD INCLUDE, BUT NOT LIMITED TO THE FOLLOWING APPENDICES:

- (1.) BIBLIOGRAPHY AND A LISST OF RELEVANT GOVERNMENT AGENCIES AND NGOS  $\,$
- (2.) BIODATA SKETCH OF TEEN MEMBERS
- (3.) LIST OF PERSONS AND INSTITUTIONS CONTACTED

OTHER APPENDICES MAY BE ADDED AS APPROPRIATE TO THE OBJECTIVE OF THE BIOLOGICAL DIVERSITY/TROPICAL FOREST ASSESSMENT.

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