

# Biodiversity Support Program



PD ABW-088  
113834

U.S.A.I.D.-funded consortium of World Wildlife Fund, The Nature Conservancy, and World Resources Institute

June 29, 1995

Mr. Michael Philley  
Office of Environment and Natural Resources  
G/ENR, Rm. 509, SA-18  
U.S. Agency for International Development  
Washington, D.C. 20523-1822

Dear Mike,

Enclosed is the Biodiversity Support Program's Thirteenth Semi-Annual Progress Report, for the period October 1, 1994 - March 31, 1995:

Please let me know if you have any questions or comments on the report.

Sincerely,

Kathryn A. Saterson  
Executive Director

cc:

Glenn Prickett, PPC  
Jerry Bisson, G/ENR  
George Taylor, G/ENR  
Jeff Brokaw, LAC  
Molly Kux, Asia  
Ron Greenberg, ENI  
Lori Freer, ENI  
Tim Resch, Africa  
Jim Hester, PPC  
Eric Loken, USAID/REDSO/EAST  
David Hess, USAID/India  
Julie Otterbein, USAID/Thailand  
Ben Stoner, USAID/Indonesia  
Daniel Miller, USAID/Nepal

Paul Greenough, USAID/PNG  
Del McCluskey, USAID/Philippines  
David Leong, USAID/Cambodia  
Frank Zadroga, USAID/Mexico  
John Warren, USAID/Honduras  
Abdul Wahab, USAID/Haiti  
Ronald Venezia, USAID/Costa Rica  
Tobey Pierce, USAID/Guatemala  
WRI: Walter Arensberg  
Nels Johnson  
TNC: Greg Miller  
WWF: Jim Leape  
Gary Hartshorn  
Frances Seymour

# Biodiversity Support Program



A U.S.A.I.D.-funded consortium of World Wildlife Fund, The Nature Conservancy, and World Resources Institute

---

## *The Biodiversity Support Program's Thirteenth Semi-Annual Progress Report*

*October 1, 1994 - March 31, 1995*

### **I. Introduction and Background Information**

The Biodiversity Support Program (BSP) is funded by USAID through the Global Bureau's Office of Environment and Natural Resources (G/ENR) under the Conservation of Biodiversity Project (No. 936-5554). On September 30, 1988, USAID and World Wildlife Fund, Inc. (WWF) jointly entered into the Cooperative Agreement (No. DHR-5554-A-00-8044-00) that inaugurated BSP. The initial Agreement established a ceiling of \$12,844,931 for a period of five years. Due to strong interest in BSP by overseas USAID Missions and other USAID bureaus, demonstrated by a record number of requests for assistance and follow-on commitments, and USAID's high degree of satisfaction with BSP, BSP's funding limit increased over its very active first five years to \$22,500,000. With the approval of Amendment No. 25 on January 13, 1994, extending the cooperative agreement (Phase II), BSP has a 10-year authorization of over \$31.76 million, of which \$23.36 million will be provided by G/ENR, with the balance of \$8.4 million available for Mission and Regional Bureau "follow-on assistance." Additional follow-on assistance can be provided with a raise in the ceiling of the Cooperative Agreement in the form of earmarked funds channeled through G/ENR.

To date, BSP's funding has come from two sources: 1) core funding from G/ENR, and 2) follow-on assistance and OYB transfers from missions and regional bureaus interested in participating in the program.

BSP is a consortium of WWF, The Nature Conservancy (TNC) and World Resources Institute (WRI). The program's initiatives are implemented by a Washington-based staff that is guided by BSP's Executive Director and overseen by an executive committee made up of senior representatives from the three consortium organizations. Beyond its collaboration with the three-member consortium, BSP has implemented projects and collaborated with over 300 US and other international conservation, scientific, and educational institutions involved in international conservation and development (see the section titled "Implementors and Collaborators").



BSP's goal is to conserve biodiversity by supporting innovative, on-the-ground projects that integrate conservation with social and economic development; conducting research and analysis of conservation approaches; and providing information exchange and outreach. Functionally, BSP facilitates conservation by assisting USAID missions and bureaus, as well as government institutions and nongovernmental organizations in USAID-assisted countries.

BSP's approach to conservation involves working:

- 1) as a catalyst to focus increased attention to biodiversity conservation on the part of USAID, developing country governments, agencies, nongovernmental organizations (NGOs), private voluntary organizations (PVOs), and communities;
- 2) as a facilitator in the discussion of conservation needs and the development of ideas for conservation initiatives and methods;
- 3) as a promoter and implementor of participatory processes for resource planning, use and management;
- 4) as a provider of training and direct technical assistance to USAID and to organizations and agencies in host countries to increase their capacity to set priorities, develop conservation initiatives and implement projects;
- 5) as a supporter of important applied research, the results of which are applicable to conservation techniques in the US as well as overseas;
- 6) as a developer and evaluator of innovative and effective conservation techniques.

BSP is in the process of supplementing its capacity for implementation with increased emphasis on analysis and dissemination of information to the conservation community. This report covers the second half of a year of transition from Phase I to Phase II. BSP has re-configured the five program components in Phase I to four components in Phase II:

- 1) ***technical assistance and implementation*** - technical assistance is provided to missions and bureaus, host country governments and NGOs. Implementation of innovative conservation and development initiatives is intended to act as a catalyst for follow-on conservation projects funded by others;
- 2) ***applied research*** - most of BSP's research is concentrated in a competitive small grants research program for developing country scientists to work on specific applied biodiversity conservation issues. Support for applied research is also part of other BSP projects;

- 3) **analysis** - an examination will be made of the results of BSP-supported activities to distill lessons-learned related to specific conservation approaches and policies, and anticipate emerging issues that are appropriate for BSP program development;
- 4) **information and outreach** - in addition to ongoing networking activities, seminars and publication series, BSP will communicate not only the results of the implementation and analysis components, but also information and lessons gleaned from biodiversity conservation projects, both within and outside of BSP, that have value to the greater conservation community.

All components can receive both core and follow-on funds.

## II. *Highlights of BSP Activities*

Below are summaries of some of the current or recently-completed (between October 1, 1994 and March 31, 1995) projects that BSP considers significant for their impact or potential impact on biodiversity conservation. These summaries are followed by more detailed project activity summaries for all BSP projects that are underway or were completed during this reporting period (see the section titled "Activity Summaries").

- **Protected Area Conservation Strategy (PARCS)** - Regional in Africa (Project 584510 {Phase I}, Project 405000 {Phase II}).

The PARCS project was designed to assess training needs among Africa's protected area managers and to test and demonstrate innovative techniques for meeting those training needs. Under the PARCS project, activities are underway in four focal countries to establish training plans and in-service training programs within the relevant protected area authorities and to test and demonstrate innovative training techniques for protected area managers. Following are some selected activities:

- The College of African Wildlife Management at Mweka held a workshop in September 1994 for over thirty training officers in the Tanzania Wildlife Division, Tanzania National Parks, and Ngorongoro Conservation Area Authority. The objective was to develop a strategy for in-service training in Tanzania and to further a collaborative relationship among key players in PARCS/Tanzania activities. Mweka then ran its first in-service course for Tanzanian protected area managers. The course is entitled "Human Resources Management for Protected Areas."
- A legal handbook for protected area managers has been developed in Congo to support enforcement of laws aimed at conserving wildlife species and habitat. Plans are underway to adapt this handbook for the Cameroonian context.

- In Congo, plans are underway for the second cross-regional workshop to be held in August. Participants with experience in training, techniques in adult learning, and monitoring/evaluation will gather to help develop new training programs.
  - PARCS is now collaborating with the European Union (to leverage additional funding) on key aspects of institutional development for Uganda's new protected area authority.
  - In May, 1995, a two-week workshop on management and research will be conducted for central African protected area managers. A draft of a research and management manual for protected areas developed under PARCS will be tested at this workshop. ECOFAC will provide supplemental funding for the workshop.
  - In Malawi, a workshop on parks management was conducted in collaboration with the Malawi Institute of Management.
- *Africa Global Climate Change Project* - Regional in Africa (Project 585020 and 415600)

The GCC project moved from the planning stage to the implementation stage during the past six months. During the implementation stage: (i) Malawi will be given technical assistance to integrate adaptation with policy; (ii) the Malawi experience will be extended to other countries working with adaptation; and (iii) the African experience will be linked to international policy formulation. In February 1995, Kate Newman met with Malawi representatives to the U.S. Country Studies Vulnerability Workshop in Honolulu, Hawaii. She discussed providing technical assistance to the Country Studies team and briefed other African participants in the workshop on the GCC project. Newman, in conjunction with Sekou Toure (the Study Coordinator for the Ivory Coast), also worked on developing a networking proposal to promote information exchange.

In March, 1995, Liz Cook of the World Resources Institute attended the Regional Vulnerability and Adaptation Workshop in Harare where she met Country Studies team members from Botswana, Egypt, Ethiopia, Kenya, Malawi, Mozambique, Tanzania, Uganda, Zambia, and Zimbabwe. Cook made a presentation on adaptation policy analysis and explored how the GCC project could contribute to the Country Studies program. Later in March, Liz Cook and Chris Elias, also of the World Resources Institute, met with Malawi's Country Study team in Lilongwe to determine how to proceed with a Malawi case study.

- ***Indonesia Biodiversity Conservation Program - Indonesia (Project 582800)***

The Indonesia Biodiversity Conservation Program (IBC) is a joint US-Japan-Indonesian endeavor to conserve Indonesia's biological wealth over the long term. Within this larger framework, the U.S. effort has focused on the establishment and endowment of an independent grant-making foundation that will provide grants for Indonesian led efforts in biodiversity conservation. Since IBC's inception, BSP has provided technical assistance, bridge funding and management and administrative support.

The last six months have been extremely busy and crucial months for the Foundation, now known both as Yayasan Keanekaragaman Hayati, or Yayasan KEHATI (Indonesian Biodiversity Foundation). During this period BSP assisted KEHATI to develop the policies and procedures necessary to manage the Foundation and prepare for a Cooperative Agreement with USAID. Under the Cooperative Agreement KEHATI will receive \$19 million from USAID for an initial endowment, pilot grant-making program and operating costs.

Specific accomplishments during this period included: develop operating procedures; finalize grant-making guidelines; draft by-laws; prepare investment policies and procedures; initiate financial management system; and develop a five-year work plan and budget. KEHATI was assisted by BSP Consultant Ted Smith and BSP Senior Program Officer Stephen Kelleher.

- ***People and Forests - Philippines & Indonesia (Project 406100)***

The Peoples and Forests Program (P&F) responds to the often overlooked yet extensive spatial overlap of forests and indigenous peoples' lands. The goal of the Program is to strengthen biodiversity conservation in forested areas occupied by indigenous peoples by: 1) assessing and promoting ways, including mapping methodologies, to secure recognition of indigenous peoples' territorial rights, and 2) supporting the development of appropriate methods to facilitate community-based natural resource (land use) planning. The Program was developed in collaboration with host country NGOs and Peoples' Organizations (POs).

During the current reporting period, a grant was provided to the Indonesian NGO SKEPHI to host a planning meeting to discuss the possibility of undertaking P&F activities on Siberut Island, Indonesia. Mentawaiian people from Siberut attended the workshop, as did representatives from the Indonesian Ministry of Forestry and staff of an Asian Development Bank-funded national park project on Siberut. The meeting was held in Lembah Anai, Sumatra. The outcome presented a participatory framework from which to proceed with mapping training workshops in demonstration sites. Also during this period, a two year grant was awarded to the East Kalimantan NGO PLASMA to undertake community mapping and natural resource management planning activities in that region.

In the Philippines, The Center for Development Projects in the Cordillera (CDPC) and the Philippine Association for Intercultural Development (PAFID) continued their assistance to local indigenous groups in delineating their ancestral domains through a participatory process of community meetings and training of community participants. PAFID

hosted a cross-regional workshop on the use of GPS equipment in October 1994, which was attended by BSP's Asia & Pacific Program Director Janis Alcorn, representatives from Philippine NGOs, local government agencies, communities and representatives of Indonesian NGOs. In addition, the Environmental Research Division of the Manila Observatory began developing a national map of indigenous cultural zones, watersheds and forest cover. This map will be discussed at a regional mapping methods workshop taking place in the Philippines in mid-1995. A new activity is also being developed with an Ancestral Domain Committee in Mindanao.

- ***Mexico Ecodevelopment Program*** (Project 417030 and 407040)

The Mexico Ecodevelopment Program (MEP) was started in 1990 and is designed to preserve healthy, diverse ecosystems in selected wildland areas in southern Mexico. The project is accomplishing this by promoting sustainable methods and levels of resource use in four focal areas: El Trifuno Biosphere Reserve and El Octote Ecological Reserve in Chiapas, Calakmul Biosphere Reserve in Campeche, and the Chimalapas region of Oaxaca. Within the past six months, the program's mid-term evaluation was completed. Outside consultants visited many project sites and produced an analysis of the program's different strategies. The recommendations of the mid-term evaluation have had a major impact on future strategies and directions for the program.

In addition to the program wide evaluation, many projects realized significant developments during the last six months. Geographical Information Systems (GIS) were introduced to some of the projects and it is hoped the information that they produce will help communities develop effective land use plans. The MEP has also expanded a project which promotes sustainable agriculture. Appropriate techniques have now been adopted by over one thousand families and help to conserve agricultural productivity on over five hundred hectares.

- ***Geographic Priority Setting Framework for USAID*** (Project 401020)

On March 3, 1995, the Latin America/Caribbean (LAC) section of BSP produced a draft report on "Geographic Priorities for Investing in Biodiversity Conservation in Latin America and the Caribbean". The report details the process and results of an intensive five day meeting held September 27 through October 1 in Miami, Florida. The priorities identified by the workshop are presented in a series of colored maps which characterize each step of the prioritization process - including identifying the units used in the comparisons, ranking biological value, ranking conservation status, and integrating all of the criteria in a single map of recommended conservation priorities. The methodology for prioritization developed before and during the workshop recommended that priorities be based on the integration of biological importance, conservation status, policy/institutional feasibility, and utility. The LAC exercise, however, did not integrate policy/institutional information due to data limitations. The methodology is detailed in the report so that interested outside parties can study, use, and adapt the process to their own needs. This is already happening. The report concludes that the methodology produced by this project is a distinct improvement on

previous ad-hoc attempts at prioritization. The most critical facet of successful biodiversity conservation efforts remains tailoring efforts to specific important areas. However, before this can be accomplished, there is a need to identify the areas that are most important. The LAC priority-setting project has provided a blueprint for this first step.

- ***Analytical Program*** (Project 403010)

BSP's Analysis team, Drs. Anthony Willett and Richard Margoluis, joined BSP on November 1st, 1994. Their first two months primarily involved familiarization with BSP's regional and other programs through discussions with senior program staff, review of conservation and development literature, and introductory meetings with other personnel within the BSP consortium organizations - WWF, TNC, and WRI. Responding to a perceived public/political informational gap on biodiversity, the team became involved in producing a fact-sheet on the importance of biodiversity. The team also contributed to proposal review processes and the development of monitoring and evaluation guidelines for the Biodiversity Conservation Network, and, in addition, an in-depth quality check on the review of one BCN proposal. Technical Assistance was also provided in the form of site visits to BCN projects in Indonesia, and to BSP's LAC program in the form of training in monitoring and evaluation for a set of Mexican ecodevelopment projects. Finally, towards the end of the reporting period, the Analysis team produced a draft analytical framework/action plan to guide BSP's analytical work.

### **Staff Update**

A current BSP organizational chart is included (see section titled "BSP Organizational Chart). Four new staff members were added during this reporting period.

#### **Lea Borkenhagen - Program Associate**

Lea joined the Biodiversity Support Program as a Program Associate for Africa in October, 1994. The year before coming to BSP, Lea received a Fulbright Scholarship to study non-timber forest product harvesting and rural development around the Tai National Park in Cote d'Ivoire. Prior to this, she was a teaching fellow at Harvard University in physiology of human adaptability. She has consulted with World Resources Institute on the Global Biodiversity Assessment and the Global Biodiversity Strategy, and has worked on gender and biodiversity issues. Her undergraduate work was on seed dispersal and rainforest regeneration in Indonesia.

#### **Richard Margoluis - Senior Program Officer Analysis**

Richard joined the Biodiversity Support Program after completing his Ph.D. in Epidemiology at Tulane University in New Orleans, Louisiana. While at Tulane, his research focused on refining the measurement of the health and social impacts of

conservation and development programs and strategies on people living around protected areas. He is an Adjunct Assistant Professor in the Department of International Health at the Tulane University School of Public Health and Tropical Medicine.

Richard has worked primarily with local non-government organizations (NGOs) in Latin America and Africa on conservation and development issues. His areas of expertise include public health, disaster assessment, famine early warning systems (FEWS), food security assessment and monitoring, community development and conservation programming, indigenous belief systems, qualitative and quantitative social research, Participatory Rural Appraisal (PRA), monitoring and evaluation, and indigenous NGO institutional development and support. He has published various articles and reports on qualitative research techniques and is fluent in Spanish.

#### **James-Christopher Miller - Senior Administrative Assistant**

James-Christopher joined BSP as a Senior Administrative Assistant for the Asia and Pacific Program at the end of March, 1995. He has six years experience as administrative support staff for science and social NGOs, having worked in the Business/Finance Office of the Transportation Research Board at the National Academy of Sciences previous to coming to BSP. James-Christopher studied Linguistics and International Business at Georgetown University.

#### **Anthony Willett - Senior Conservation Analyst**

Dr. Willett joined BSP as Senior Conservation Analyst at the end of October 1994, after fifteen years as a long-term adviser, program manager, consultant, and educator in rural and agricultural development in Africa and South Asia. He has worked for foreign governments, USAID, the U.K. government's Overseas Development Administration, private consulting firms, and private voluntary/non-government organizations. Dr. Willett has expertise in international rural development, indigenous knowledge research, natural resource management, agricultural extension, education, and field services, participatory research and group development, and public administration. He has published on agricultural group development and the application of indigenous knowledge in development. He has also co-authored books in the human rights field. He speaks Nepali and Setswana, and has a basic knowledge of Kiswahili and French.

#### **Staff Travel and Outreach**

In addition to conducting and participating in numerous meetings with USAID staff and other project implementors and collaborators, BSP staff conducted many other outreach and travel activities during this six month period. Please see the section titled "Staff Outreach" for a detailed list of BSP staff travel and outreach activities.

**IV. *Program Financial Status***

See the Financial Summary Table included in the section titled "Financial Summary."

**V. *Specific Program Activities***

Activity sheets for activities underway or completed during this reporting period are found in the section titled "Activity Summaries." For those activities completed during previous reporting periods, please see the summaries in previously issued Semi-Annual Reports of Progress.

The Activity Key will serve as a guide through the information found on individual activity summaries. It explains each section of the activity sheet and, where appropriate, lists the possible options.

Two lists of BSP Activities are provided in the following sections, one organized alphabetically by title and a second organized by region and country. Each list includes the current activity number and the former identification number (used in the previous 5 years) of each project.

# Biodiversity Support Program



A U.S.A.I.D.-funded consortium of World Wildlife Fund, The Nature Conservancy, and World Resources Institute

---

## *List of BSP's Implementors and Collaborators*

**Implementors** - Organizations that receive financial support directly or indirectly (passed through from another group) from BSP and are doing on-the-ground implementation. Individuals were excluded from this list to avoid confusion with BSP-paid consultants.

**Collaborators** - Organizations that contribute assistance, labor, materials, or funds to an activity in conjunction with BSP, but do not directly or indirectly receive BSP financial support to do so.

### *Implementors (excluding individuals) with whom BSP has worked include:*

#### **Africa**

##### **Africa Region-wide**

Consultative Group of Biological Diversity  
African Wildlife Foundation  
IUCN

##### **Burkina Faso**

Fondation des Amis de la Nature (NATURAMA)

##### **Cameroon**

Office National de Développement des Forêts (ONADEF)

##### **Cote d'Ivoire**

Vie et Foret

##### **Gambia**

Gambian Department of Wildlife Conservation and Management

##### **Ghana**

Ghana Association for the Conservation of Nature

##### **Kenya**

Advanced Centre for Environmental Studies

African Centre for Technical Studies (ACTS)  
African Biodiversity Institute  
KENGO - Kenya Energy and Environment Organizations  
National Museums of Kenya

**Madagascar**  
Centre National de la Recherche Appliquée au Développement Rural  
(FO.FI.FA)  
University of Antananarivo

**Mali**  
Association Malienne pour la Conservation de la Faune et de son  
Environnement (AMCFE)

**Malawi**  
Department of National Parks and Wildlife  
Malawi Department of National Parks and Wildlife

**Namibia**  
Ministry of Environment and Tourism  
Namibia Nature Foundation

**Tanzania**  
Ministry of Tourism, Natural Resources and Environment, Tanzania  
World Wide Fund for Nature  
College of Africa Wildlife Management, Mweka

**Zimbabwe**  
Africa Resources Trust  
ZimTrust

## **Asia and the Pacific**

**Asia Region-wide**  
Asia Sustainable Forest Management Research Network

**Australia**  
Environmental Resource Information Network (ERIN)

**India**  
Nehru Foundation for Development (NFD/VIKSAT)

**Indonesia**  
Nature Lovers Club

## **PLASMA**

Indonesian Environmental Forum (WAHLI)

World Wide Fund for Nature, Indonesia Programme

Yayasan Keanekaragaman Kayati/Indonesian Biodiversity Foundation (KEHATI)

Yayasan Pelangi Indonesia

Yayasan Skephi

## **Nepal**

IUCN/Nepal

King Mahendra Trust for Nature Conservation (KMTNC)

## **Papua New Guinea**

Foundation For The Peoples Of The South Pacific

National Alliance of Non-governmental Organizations of PNG  
(NANGO)

Research and Conservation Foundation of Papua New Guinea

University of Papua New Guinea

Wau Ecology Institute

## **Philippines**

Center for Development Programs in the Cordillera, Inc. (CDPC)

Manila Observatory, Environmental Research Division

The Philippine Association for Intercultural Development, Inc. (PAFID)

## **Thailand**

Chiang Mai University

Dhammaanat Foundation for Conservation

Kasetsart University

Regional Community Forestry Training Center (RECOFTC)

Royal Forest Department (RFD) Herbarium

Royal Forest Department Conservation Division (RFD/WCD)

Wildlife Fund Thailand (WFT)

Zoological Parks Organizations

## **Western Samoa**

Fa'asao Savai'i Society

## **Latin America and the Caribbean**

### **Belize**

Belize Center for Environmental Studies (BCES)

Belize Enterprise for Sustained Technology (B.E.S.T.)

Government of Belize (GOB)

University College of Belize

**Bolivia**

Jardin Botanico, Santa Cruz

Museo de Historia Natural "Gabriel Rene Moreno"

**Costa Rica**

Instituto Nacional de Biodiversidad (INBio)

**Brazil**

Amazon Conservation Fund

Associacao de Levantamento Florestal do Amazonas (ALFA)

Centro de Educacao, Pesquisa e Assistencia Sindical e Popular  
(CEPASP)

Fundacao Vitoria Amazonica

Instituto do Homem e Meio Ambiente da Amazonia (IMAZON)

Instituto Nacional de Pesquisas da Amazonia (INPA)

Museu Goeldi

Rural Workers Syndicate of Paragominas (STRP)

University of Brasilia

**Chile**

Botanical Society of Chile

Universidad Austral de Chile

**Colombia**

Museum of Natural History, University of Cauca

**Dominica**

Dominica Conservation Association

**Ecuador**

Ecociencia

Fundacion Jatun Sacha

Pontifica Universidad Catolica del Ecuador (PUCE)

**Guatemala**

Asociación de Amigos del Lago de Atitlan

**Haiti**

Centre de Formation et d'Encadrement Technique (CFET)

Union des Cooperatives de la Region Sud d'Haiti (UNICORS)

**Honduras**

Fundación VIDA

**Mexico**

Centro de Estudios para la Conservación de los Recursos Naturales (ECOSFERA)  
Consejo Asesor de la Sierra Madre, A.C. (CASMAC)  
Consejo Regional de Ejidos de Xpujil  
Grupo de Estudios Ambientales, A.C. (GEA)  
Instituto de Ecología, A.C.  
Instituto Historia Natural (IHN)  
Linea Biosfera, A.C.  
Maderas del Pueblo, A.C.  
Mariposa Monarca, A.C.  
Parque Ecologico Chipinque  
Plan Estatal Forestal de Quintana Roo  
Pronatura Chiapas, A.C.  
Pronatura Peninsula de Yucatan, A.C.  
San Pedro Garza Garcia Municipality  
Sección Mexicana del Consejo Internacional para la Preservación de Aves (CIPA-Mex)  
Terra Nostra, A.C.

**Peru**

Asociación de Ecología y Conservación (ECCO/Peru)

**Europe and the United Kingdom****Belgium**

Musee Royal de l'Afrique Centrale  
Université Catholique de Louvain la Neuve

**Bulgaria**

Bulgarian Academy of Sciences

**The Czech Republic**

Center for Sustainable Development (ADONIS)  
Czech Botanic Society  
Czech Union of Nature Conservation (CSOP)  
ICWI Lomina tiošpaye  
Masaryk University  
Veronica

**France**

Groupe de Recherche et D'Echange Technologiques

**Slovakia**

Rudava River Watershed Association  
Slovak Union of Conservationists, Chiroptera Research Group (SZOPK)

Slovak Union of Conservationists (SZOPK) - Zahorie

**United Kingdom**

International Council for Bird Preservation (ICBP) - UK & US  
Volunteers in Overseas Cooperative Assistance  
World Wide Fund for Nature

**United States**

Academy for Education and Development  
Antelope Specialist Group, IUCN  
Appropriate Technology International  
Archbold Tropical Research Center, Clemson University  
Arizona Rainforest Alliance (ARA)  
African Wildlife Foundation  
Association for Tropical Biology  
Atlantic Center for the Environment (ACE) - US & Canada  
Brandeis University  
CARE International - Madagascar  
Center for Marine Conservation (CMC)  
Center for Study of Native Lands  
Colorado State University  
Committee on Women and Biodiversity (CWB), Harvard University  
Conservation International (CI)  
Convention on International Trade in Endangered Species of Wild  
Fauna and Flora (CITES)  
Cultural Survival (CS)  
Cultural Survival Enterprises  
Development Alternatives, Inc. (DAI)  
Development Strategies for Fragile Lands (DESFIL)  
Economic Botany Associates  
Environmental Law Institute  
Florida Museum of Natural History  
Harvard Institute for International Development  
Harvard University  
Institute for Conservation Leadership  
Institute for Sustainable Development (ISD)  
Institute of Current World Affairs  
International Center for Research on Women (ICRW)  
International Fund for Agricultural Research (IFAR)  
Island Resources Foundation (US & Virgin Islands)  
Keystone Center  
Management Development, Inc.

Marie Selby Botanical Gardens  
Michigan State University Geography Department  
Missouri Botanical Garden  
NASA-Goddard Space Flight Center (GSFC)  
National Science Foundation (NSF)  
Native Seeds/SEARCH  
New York Botanical Garden (NYBG)  
Organization for Tropical Studies - US & Costa Rica  
Pennsylvania State University  
Peregrine Fund - US & Madagascar  
Program for Appropriate Technology in Health  
Progressive Strategies  
PVO-NGO/NRMS (Private Voluntary Organizations & Non-governmental Organizations in  
Natural Resources Management)  
Rainforest Alliance  
Small Economic Enterprise Development  
Smithsonian Institution (SI)/Dept. of Zoological Research  
Smithsonian Institution (SI)/Natural History Museum  
Smithsonian Institution (SI), Office of Environmental Awareness  
Society for Conservation Biology (SCB)  
Sonoran Institute  
Southeast Asia Sustainable Forest Management Network  
Stanford University Center for Conservation Biology  
The Nature Conservancy (TNC)  
Transcentury Foundation (TF)  
United Nations Environment Programme (UNEP) - US & Kenya  
United Nations Non-Government Organization Liaison Service  
U.S. National Park Service (NPS)  
University of Arizona (UA), Dept. of Geophysics  
University of California at Berkeley  
University of Illinois  
University of Maryland (UM) Center for Environmental and  
Estuarine Studies  
University of Massachusetts at Boston  
University of Montana  
University of Nevada at Reno  
University of Pennsylvania  
University of Rhode Island  
Wetlands for the Americas - US & Peru  
Wildlife Conservation Society (WCS)  
Woods Hole Research Center (WHRC)  
World Bank (WB)  
World Resources Institute/Center for International Development and Environment  
(WRI/CIDE)

World Wildlife Fund (WWF)  
Xerces Society

*Collaborators with whom BSP has worked include:*

**Africa**

**Cameroon**

Government of Cameroon

**Gambia**

Department of Wildlife Conservation and Management

**Kenya**

National Museums of Kenya

**Madagascar**

Association National pour le Gestion des Aires Protegees

Ministre des Eaux et Forets

University of Antananarivo

**Namibia**

Namibia Ministry of Wildlife, Conservation and Tourism

**Nigeria**

Tree Crops and Tropical Ecology Consultants

University of Ilorin

University of Nigeria

**Tanzania**

Government of Tanzania

**Uganda**

Uganda Institute of Ecology

Uganda National Parks

**Asia and the Pacific**

**India**

Society for Promotion of Wastelands Development

**Indonesia**  
University of Indonesia

**Nepal**

Nepal Conservation Research and Training Institute (NECTARI)  
New Era  
Northern Enterprises

**Pakistan**  
Government of Pakistan

**Papua New Guinea**  
Department of Environment and Conservation of Papua New Guinea  
Foundation For The Peoples Of The South Pacific

**Philippines**  
Upland NGO Assistance Committee (UNAC)

**Thailand**  
Chiang Mai University  
Chulalongkorn Social Research Institute  
Karen communities  
Mahidol University

**Western Samoa**  
South Pacific Regional Environment Programme (SPREP)

**Latin America and the Caribbean**

**Belize**  
Belize Audubon Society  
Belize Fisheries Service/Ministry of Agriculture  
Belize Ministry of Tourism  
Belize Zoo  
Programme for Belize

**Bolivia**  
Bolivian Ministry of Agriculture  
Fundación Amigos de la Naturaleza (FAN)

**Brazil**

Conselho Nacional de Seringeiros (CNS)

Empresa Brasileira de Pesquisa Agropecuaria/Centro de Pesquisa Agroflorestal da Amazonia Oriental (EMBRAPA/CPATU)

FUNTAC

Gender in Economic and Social Systems (GENESYS)

Instituto Brasileiro de Meio Ambiente e Recursos Naturais Renovads (IBAMA)

Instituto do Honem e Meio Ambiente da Amazônia (IMAZON)

Instituto Nacional de Pesquisas da Amazonia (INPA)

Museu Goeldi

Rural Workers Union

Secretaria do Meio Ambiente (SEMAM)

Universidad de Federal Fluminense (UFF)

Universidade do Sao Paulo (USP)

Universidade Federal do Pará/Nucleo de Altos Estudos Amazonicas (UFPA/NAEA)

**Costa Rica**

CATIE

Dirección General Forestal

Fundación Neotrópica

Government of Costa Rica

PanAmerican Agriculture School at Zamorano

**Ecuador**

Fundación Ecologica Arco Iris

Fundación Jatun Sacha

Fundación Maquipucuna

Ministerio de Agricultura y Ganaderia

Museo Ecuatoriano de Ciencias

**Guatemala**

Comision Nacional del Medio Ambiente

**Haiti**

Haiti Hotel Association

Haitian Ministry of Agriculture and Fisheries

**Honduras**

AID/Center for Development Information and Evaluation (CDIE)

Alfavit de Honduras

Asociación Nacional de Acuicultores de Honduras

Barai Nonformal Education Association

Bay Islands Conservation Association

Fundación Parques Nacionales  
Fundación para la Protección de Lancetilla, Punta Sal y Texiguat (PROLANSATE)

**Mexico**

Amigos de Sian Ka'an  
Comision de Solidaridad y Defensa de los Derechos, Humanos, AC (COSYDDHAC)  
Consejo Nacional de Areas Protegidas  
Consejo Regional de Ejidos de Xpujil  
Centro de Estudios para la Conservación de los Recursos Naturales (ECOSFERA)  
Fundación Ecologica Arco Iris  
Instituto Nacional Indigena (INI)  
Instituto de Historia Natural  
Movimiento Ecologista  
Plan Estatal Forestal de Quintana Roo  
Procuraduria Agraria  
Pronatura Chiapas, A.C.  
Pronatura Peninsula de Yucatan, A.C.  
Secretaria de Agricultura y Recursos Hidraulicos (SARH)  
Secretaria de Desarrollo Social (SEDESOL)  
Sna Jtzi Bajom, A.C.  
UCODEFO  
Universidad National Autonomá de Mexico (UNAM)

**Europe and the United Kingdom**

**Belgium**

Université Catholique de Louvain la Neuve

**Bulgaria**

Bulgarian Committee of Forests  
Bulgarian Ministry of Agriculture  
Bulgarian Ministry of Environment  
Bulgarian Ministry of Finance  
Bulgarian Ministry of Regional Planning

**Germany**

German Technical Corporation (GTZ)

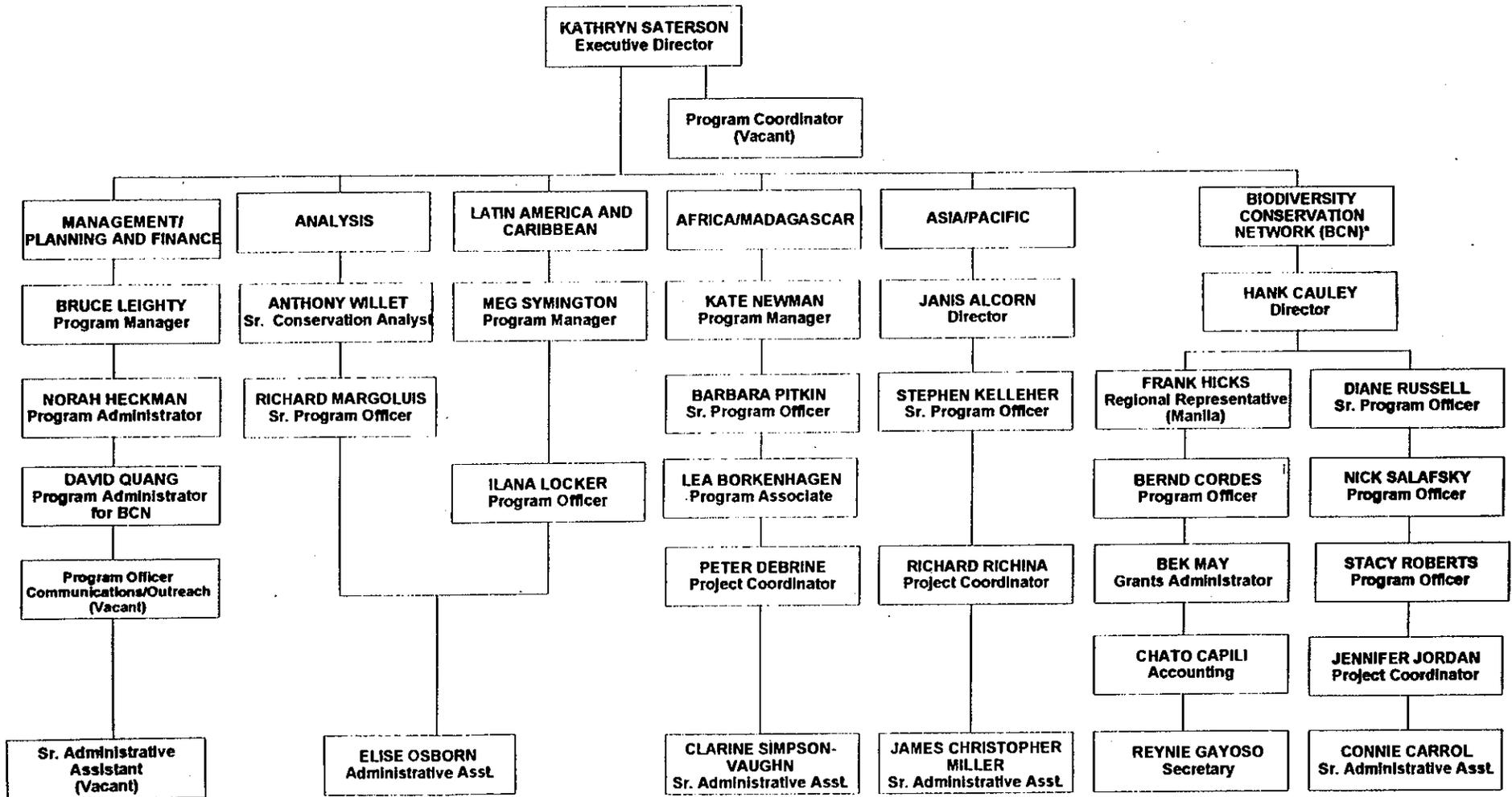
**United Kingdom**

Body Shop  
Voluntary Services Overseas  
World Wide Fund for Nature  
Kew Gardens

## **United States**

Associates for Rural Development  
Association for Tropical Biology  
Bishop Museum  
CARE International  
Center for Marine Conservation (CMC)  
Cultural Survival Enterprises  
Development Alternatives Inc. (DAI)  
Experiment for International Living  
Ford Foundation  
German Marshall Fund  
Greenpeace  
Harvard Institute for International Development  
Himal Pharmaceuticals  
Illinois Natural History Survey  
International Development Research Centre  
Missouri Botanical Garden  
National Institutes of Health  
New Mexico State University  
Peace Corps  
Rainforest Alliance  
Smithsonian Institution  
Society for Conservation Biology (SCB)  
The Nature Conservancy (TNC)  
Tropical Research and Development (TR&D)  
United Nations Educational, Scientific and Cultural Organization (UNESCO)  
United Nations Environment Program (UNEP) - US & Kenya  
University of Arizona  
University of Arizona College of Law  
University of Florida/Gainesville  
University of Maryland (UM)  
University of Washington  
United States Department of Agriculture  
United States Forest Service (USFS)  
United States Geological Survey  
United States National Park Service (NPS)  
United States Peace Corps  
Walter Reed Army Institute  
Wildlife Conservation Society (WCS)  
World Conservation Union (IUCN)  
World Resources Institute (WRI)  
World Wildlife Fund (WWF)

# BIODIVERSITY SUPPORT PROGRAM (BSP)



Revised 06/20/95

\* BSP is primarily funded under a Cooperative Agreement between World Wildlife Fund and the U.S. Agency for International Development through the Global Bureau/Energy and Natural Resources Office. The BCN is funded under a separate Cooperative Agreement with U.S.A.I.D. /Asia Bureau.

29

***BSP Staff Travel and Outreach  
October 01, 1994 - March 31, 1995***

***Janis Alcorn***

<i>Place</i>	<i>Dates</i>	<i>Purpose</i>
India	11/94	To review progress on implementation of USAID/India's Environmental Strategy developed November, 1993.
Thailand	11/94	To monitor and evaluate People and Parks project in Huay Kha Khaeng-Thung Yai World Heritage Site implemented by World Wildlife Fund Thailand.
Philippines	11/94	To monitor work done under BSP's Peoples & Forests Program, in conjunction with USAID/Manila's NRM project.
Mexico City	10/94	To participate in an advisory committee meeting of the Project on Conservation of Genetic Diversity and Crop Production in Mexico.
New Haven, Connecticut	02/95	To present keynote speech at International Society of Tropical Foresters, Yale University chapter conference, "Local Heritage in the Changing Tropics: Innovative Strategies for Natural Resource Management and Control."
Washington, D.C.	02/95	To participate in GEF Technical Review panel for Argentina for the World Bank.

***Lea Borkenhagen***

<i>Place</i>	<i>Dates</i>	<i>Purpose</i>
Ouagadougou, Burkina Faso	03/95	Sent to review sites and prepare logistical arrangements for pending workshop (May, 1995) under BIOME component of BAA project. Met with relevant ministries and USAID officials to inform them of project.

***Stephen Kelleher***

<b><i>Place</i></b>	<b><i>Dates</i></b>	<b><i>Purpose</i></b>
Washington, D.C.	11/94	Spoke at a conference entitled, "Haiti and Environmental Restoration: Toward an Environmentally Sustainable Society." The conference was co-sponsored by the International Legal Studies Program, the Center for International Environmental Law, and the Center for the Study of the Global South; all affiliated with the American University.
Haiti	12/94	Worked to develop workplan for year two of Pic Macaya Park Protection Project. Worked with the University of Florida to develop a basic ecology training course, and with the Centre d'Encadrement et de Formation Technique to prepare community participation training for local NGO staff.
Indonesia	01/95	Worked with the Indonesian Biodiversity Foundation to prepare documents necessary for Cooperative Agreement with USAID; conducted management meetings with the IBF and local NGO grantee Pelangi; attended workshop on Sumatra for the Peoples and forests Program.

***Richard Margoluis***

<b><i>Place</i></b>	<b><i>Dates</i></b>	<b><i>Purpose</i></b>
Mexico	02/95	Participated as a trainer in a monitoring and evaluation workshop for the Southeastern Mexico Ecodevelopment project .

***Kate Newman***

<b><i>Place</i></b>	<b><i>Dates</i></b>	<b><i>Purpose</i></b>
Washington, D.C.	11/94	Participated in BSP briefing of Tufts University International Environmental Management class. Students were from Asia, Africa, Latin America and Eastern Europe.
Washington, D.C.	12/94	Presented the BSP Africa program, along with other BSP senior staff presentations, in an overview of BSP at our evening seminar.
Boston, Mass.	12/95	Met with professors from Boston University, Clark University, harvard University and WRI staff person on the relationship between participation and natural resources policy.
Honolulu, Hawaii	02/95	Attended the U.S. Global climate Change Country Studies Workshop on Techniques for Vulnerability and Adaptation Assessments.

***Barbara Pitkin***

<b><i>Place</i></b>	<b><i>Dates</i></b>	<b><i>Purpose</i></b>
Washington, D.C.	Monthly	Attended regular meetings with representatives of USAID and GREENCOM to report on BSP/Africa's environmental education and communication activities.
Arusha, Tanzania	09/94	Led first of three cross-regional workshops for PARCS project on planning for training and training plan development. Participants came from Cameroon, Congo, Kenya, Malawi, South Africa, Tanzania, Uganda, Zambia, and Zimbabwe.

25

Arusha, Tanzania	10/94	Represented BSP at a seminar on Tanzanian issues in biodiversity conservation sponsored by the College of African Wildlife Management and World Wide Fund for Nature/Tanzania.
Johannesburg, South Africa	10/94	Represented BSP at a USAID workshop on the Initiative for Southern Africa.
Washington, D.C.	12/94	Organized and attended workshop for NGO's on the Initiative for Southern Africa.
New York, N.Y.	01/95	Met with Wildlife Conservation Society on PARCS activities.

*Kathy Saterson*

<i>Place</i>	<i>Dates</i>	<i>Purpose</i>
Miami, Florida	10/94	Led the BSP priority setting workshop for Latin America.
Tucson, Arizona	10/94	Attended Annual Meeting for the Pew Scholars Program in Conservation and the Environment.
Sarasota, Florida	11/94	Led the conservation section of the Selby Botanical Gardens conference on Canopy Conservation.
Nassau, Bahamas	11/94	Presented the BSP-led exercise to determine Geographic Conservation Priorities in Latin America and the Caribbean at an NGO Forum.
Nassau, Bahamas	11/94	Attended the first Conference of the Parties for the Biodiversity Convention.
Washington, D.C.	12/94	Presented the LAC priority setting exercise to staff of the USAID Global, Policy and LAC bureaus at USAID.

Washington, D.C.	12/13	Presented overview of BSP at the monthly BSP evening seminar, along with Symington, Cauley, Alcorn and Newman.
Bogor, Indonesia	01/95	Attended Asian Bureau for Conservation workshop on priority setting.
Jakarta and West Kalimantan, Indonesia	01/95	Meetings with USAID. Field visits to two BCN sites in Kalimantan.
Manila, Philippines	02/95	Meetings with USAID and BCN field office.
New York, N.Y.	03/95	Panelist at the Museum of Natural History Biodiversity Conference.
Chapel Hill, N.C.	03/95	Speech to graduate class and University of North Carolina community on Biodiversity Conservation Priority Setting.
Durham, N.C.	03/95	Keynote speech at Duke University conference on Biodiversity and Ecosystem management.

*Meg Symington*

<i>Place</i>	<i>Dates</i>	<i>Purpose</i>
Guatemala City	10/94	Participate in RENARM Technical Collaborators meeting at USAID/G-CAP to discuss design of RENARM follow-on project.
Washington, D.C.	11/94	Organized half-day meeting for Fundación VIDA staff and board members with WWF and BSP staff to discuss board relations, fundraising, etc.
Washington, D.C.	11/94	Meeting with Frank Fragano, USAID/Paraguay Environmental Officer to discuss biodiversity activities in Paraguay.

Washington, D.C.	12/94	Participated in BSP seminar, "What is BSP?" for Washington environmental community.
Seattle, WA	01/95	Addressed graduate student seminar on Community Based Conservation, gave talk entitled "Conservation Biology and Sustainable Development: Whither the Twain Shall Meet."
Washington, D.C.	02/95	Participated in meeting of Haiti Environmental Task Force to brief the newly appointed Haitian Minister of the Environment.
Zoh Laguna, Mexico	02-03/95	Participated in 4th Annual Meeting of the Mexico Ecodevelopment Program; presented results of mid-term evaluation to participants.

*Anthony Willett*

<i>Place</i>	<i>Dates</i>	<i>Purpose</i>
Washington, D.C.	12/94	Attended the World Bank Conference on Evaluation and Development.

**SIX MONTH PROGRESS REPORT**  
**October 1, 1994 to March 31, 1995**  
**Expenditures for Reporting Period and Life of Project**

	Expenditures This Period Oct. to Mar. \$	Life of Project Expenditures as of 03/31/95 \$
COST ELEMENT	<u>                    </u>	<u>                    </u>
Salaries and Fringe	355,687.82	2,304,069.04
WWF Indirect Costs	292,103.01	1,857,626.09
Travel & Per Diem	12,201.14	199,379.52
Other Direct Costs	58,167.34	371,784.18
Grants and Subcontracts (1)	2,457,767.31	15,888,083.88
	<u>3,175,926.62</u>	<u>20,620,942.71</u>

**Footnote (1): Grants and Subcontracts Breakdown**

	Expenditures This Period Oct. to Mar. \$	Life of Project Expenditures as of 03/31/95 \$
	<u>                    </u>	<u>                    </u>
Technical Assistance	84,141.93	352,191.18
Research	0.00	1,697,663.95
Training	11,006.85	393,927.55
Information Networking & Outreach	35,848.13	567,959.56
Analysis	42.16	6,229.13
Pilot Demonstrations (2) & Earmarked Core (3)	2,326,728.24	12,870,112.51
	<u>2,457,767.31</u>	<u>15,888,083.88</u>

## Footnote (2): Breakdown of Pilot Demonstrations

Active Projects	Original Funding \$	Expenditures This Period Oct. to Mar. \$	Life of Project Expenditures as of 03/31/95 \$
Thailand	449,993.00	235.11	377,869.93
Madagascar	100,000.00	2,500.00	99,976.94
Nepal	150,000.00	0.00	149,223.18
Africa Bureau	1,440,000.00	138,689.58	1,336,019.73
APRE Bureau	555,852.00	0.00	512,592.60
ENE Bureau	800,000.00	53,814.15	760,106.73
No. Mexico GCC	160,000.00	14,000.00	157,998.39
Indonesia EA	174,824.00	0.00	171,882.69
Costa Rica II	56,309.16	0.00	36,189.02
Honduras I	135,000.00	10,093.25	87,960.54
Asia II	1,065,000.00	142,767.84	484,867.63
Honduras II	85,000.00	11,509.04	69,209.26
<b>Completed Projects</b>			
ANE Bureau	290,717.00	0.00	290,717.00
LAC Bureau	500,000.00	0.00	500,000.00
The Gambia I	90,000.00	0.00	90,000.00
Mexico/GCC I	650,000.00	0.00	650,000.00
LAC/GCC	100,000.00	0.00	100,000.00
Mexico/GCC II	650,000.00	0.00	650,000.00
Costa Rica I	35,000.00	0.00	35,000.00
Mexico/GCC III	1,008,200.00	225,237.47	1,008,200.00
	----- 8,495,895.16	----- 598,846.44	----- 7,567,813.64

**Footnote (3): Breakdown of Earmarked Core**

Active Projects	Original Funding \$	Expenditures This Period Oct. to Mar. \$	Life of Project Expenditures as of 03/31/95 \$
WID/G Bureau Sp. Project	30,000.00	61.67	24,883.87
Asia I	400,000.00	0.00	148,014.92
PARCS I	300,000.00	0.00	299,788.59
Africa Bureau II	1,240,000.00	95,639.75	920,911.06
G Bureau Indonesia Cente	300,000.00	220,780.75	296,938.90
S&T/GCC III	368,000.00	124,849.05	348,769.27
WCI Cameroon	150,000.00	12,073.18	150,000.00
Peoples & Forests	335,882.00	67,040.58	106,990.15
PARCS II & III	1,592,000.00	504,840.83	605,999.31
Attitudes II	250,000.00	45,191.35	57,545.78
Haiti	416,172.00	146,413.25	203,369.04
RAP Program	181,783.70	71.60	155,680.92
Asia III	300,000.00	0.00	0.00
BAA III	188,000.00	0.00	0.00
Africa III	392,000.00	22,075.02	22,075.02
OES/G Bureau Brazil	100,000.00	95,429.27	95,429.27
Mexico IV	1,026,000.00	388,267.29	388,267.29
Asia Priority Setting	100,000.00	500.00	500.00
LAC Priority Setting	100,000.00	0.00	21,580.48
<b>Completed Projects</b>			
G Bureau Special Projects	48,676.00	0.00	48,676.00
S&T/GCC I	777,000.00	0.00	777,000.00
PNG Supplemental	80,000.00	0.00	80,000.00
S&T/GCC II	359,000.00	0.00	359,000.00
G Bureau Special Projects	65,879.00	0.00	65,879.00
G Bureau Indonesia Cente	100,000.00	0.00	100,000.00
Cameroon	25,000.00	4,648.21	25,000.00
	----- 9,225,392.70	----- 1,727,881.80	----- 5,302,298.87

## Other BSP Projects

Completed Projects	Original Funding \$	Expenditures This Period Oct. to Mar. \$	Life of Project Expenditures as of 03/31/95 \$
Gambia II	231,341.08	0.00	231,341.08
WRI Devel. Linkages	45,940.19	0.00	45,940.19
FSP/P.E.P.	46,912.34	0.00	46,912.34
USDA Contribution/ERIN	10,608.48	0.00	10,608.48
	----- 334,802.09	----- 0.00	----- 334,802.09

**Complete List of BSP Activities by Region and Country**

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Name</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
<b>Africa</b>			
<b>Africa Region-wide</b>			
Africa Add-on I	PD9102	584000	Africa
Africa Add-on II	PD9206	585000	Africa
An Integrated Monitoring Program for Trans-boundary Forest Conservation and Management in Congo, Cameroon, and the Central African Republic		584044	Central Africa
Attitudes toward Conservation of Biodiversity	PD9206-01	585010	Africa
Behavioral Motivations II		405500	Africa
Biodiversity Analysis for Africa I	PD9102-02	584020	Africa
Biodiversity Analysis for Africa II	PD9206-03	585030	Africa
Biodiversity Monitoring and Evaluation (BIOME)		415810	Africa
Biodiversity Pilot Analytical Projects	PD9102-03	584030	Africa
Central Africa Global Climate Change Action Plan	PD9102-01	584010	Africa
Central Africa Global Climate Change Project	PD9002-06	582260	Africa
Developing Guidelines for Participatory Monitoring and Evaluation of Integrated Conservation and Development Projects		584048	Africa
Environmental Governance in East and Southern Africa		415410	Africa
Global Climate Change for Africa II	PD9206-02	585020	Africa
Global Climate Change for Africa II Grants		585040	Africa
Global Climate Change for Africa III		415610	Africa
Lake Tanganyika Conference on Conservation and Biodiversity	TA9008	580132	Africa
Natural Forest Management Through Sustainable Local Utilization		584039	Africa

**Note: Research Grant titles appear in SMALL CAPS.**

<b><u>Project Name</u></b>	<b><u>Project Number</u></b>	<b><u>Activity Number</u></b>	<b><u>Country</u></b>
PARCS (Protected Area Conservation Strategy)	PD9202	584510	Africa
PARCS II		405000	Africa
PARCS supplemental	TR9302	580352	Africa
The Use of Time-Series Satellite Data for Characterizing and Monitoring the Seasonal Forests and Savannas of Central Africa		585045	Central Africa
USAID Biodiversity Portfolio for Africa	TA9007	580136	Africa
<b>Burkina Faso</b>			
Local Sustainable Management Surrounding Kabore Tambi National Park in Burkina Faso		584033	Burkina Faso
<b>Burundi</b>			
A COMPARATIVE STUDY OF THE EFFECTS OF SEDIMENTATION, POLLUTION AND FISHING PRACTICES ON THE BIODIVERSITY IN LAKE TANGANYIKA		583727	Burundi
STUDY OF THE NURSERY ZONES IN THE NEARSHORE ENVIRONMENT OF THE NORTH BASIN OF LAKE TANGANYIKA	RE9001	580232	Burundi
THE KIBIRA CHIMPANZEE PROJECT	RE9101	580242	Burundi
<b>Cameroon</b>			
BIODIVERSITÉ DES POISSONS DU BASSIN DU NTEM (CAMEROUN): TAXINOMIE, ECOLOGIE ET CONSERVATION		583718	Cameroon
Cameroon Biodiversity Assessment	PD9207	584810	Cameroon
CONSEQUENCES DE L'EXPLOITATION FORESTIERE INDUSTRIELLE SUR L'ECOSYSTEME DE FORET DENSE EQUATORIALE ET SUR LE MODE DE VIE DES POPULATION INDIGENES	RE9101	580242	Cameroon
Development, Evaluation and Validation of Satellite-Derived Vegetation Maps for Cameroon Using High Resolution Satellite Images		585043	Cameroon

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Name</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
ENVIRONMENTAL PROTECTION LAW - A CASE STUDY OF CAMEROON'S LEGISLATION		583724	Cameroon
IPR Workshop	TA9402	401030	Cameroon
Korup National Park, Cameroon	PD9301	594900	Cameroon
Lac Lobeke Strategic Planning Mission		585044	Cameroon
<b>Central African Republic</b>			
Applied Research to Aid in the Management of the Dzanga-Sangha Dense Forest Special Reserve and the Dzanga National Park		585046	CAR
Conservation Education in Southwestern CAR	IN9104	580434	CAR
<b>Cote d'Ivoire</b>			
APPROCHE SUR LA CONSERVATION DE LA BIODIVERSITE PAR LA MODERNISATION DE L'APICULTURE EN COTE D'IVOIRE: EXEMPLE LA REGION DE TAFIRE		583703	Cote d'Ivoire
<b>Ghana</b>			
A STUDY OF THE IMPACTS OF STABILIZATION AND STRUCTURAL ADJUSTMENT ON THE MANAGEMENT OF NATIONAL PARKS IN GHANA		583704	Ghana
EFFECTS OF DIFFERENT HARVESTING PRACTICES (I.E., LOGGING AND GATHERING OR COLLECTION OF NON-TIMBER FOREST PRODUCTS) ON BIOLOGICAL DIVERSITY IN SELECTED FOREST ECOSYSTEMS IN GHANA		583729	Ghana
IMPACT ASSESSMENT OF SOCIAL FORESTRY PROJECTS IN NORTHERN GHANA		583701	Ghana
STUDY OF TRADITIONAL CONSERVATION OF BIODIVERSITY (SACRED GROVES)	RE9001	580232	Ghana
<b>Guiné Bissau</b>			

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Name</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
Southern Province Park Planning	TA9001	580121	Guiné Bissau
<b>Kenya</b>			
DEMAND FOR FOREST PRODUCTS AND PROSPECTS FOR COMMUNITY FOREST MANAGEMENT		583739	Kenya
Environmental Impact Assessment and Biodiversity: The Case of Small-scale Irrigation Schemes in Kenya		584043	Kenya
ESTABLISHMENT OF KITCHEN GARDENS FOR INDIGENOUS FOOD SPECIES IN A MASAI GROUP RANCH AREA IN KAJIADO DISTRICT	RE9001	580232	Kenya
FIG TREE HARVESTING IN THE TANA RIVER RESERVE AND ITS IMPLICATIONS FOR TWO SPECIES OF ENDANGERED PRIMATES	RE9001	580232	Kenya
TRADITIONAL UTILIZATION OF THE RETICULATED GIRAFFE BY THE OROMO PEOPLES OF NORTHERN KENYA: CURRENT CONSERVATION STATUS AND PROPOSALS FOR ITS PROTECTION	RE9001	580232	Kenya
YOU CAN GROW A FOREST IN THE SEA BY ECOLOGICAL METHOD: COMMUNITY PARTICIPATION AND DEVELOPMENT PROJECT		583717	Kenya
<b>Madagascar</b>			
AID-Madagascar Andohahela Nature Reserve	PD8902-01	581610	Madagascar
AID-Madagascar Beza Mahafaly Nature Reserve	PD8902-02	581620	Madagascar
ALTERNATIVES TO DESTRUCTION: STEPS TOWARD SUSTAINABLE USE OF MALAGASY RAINFOREST	RE9001	580232	Madagascar
ASSESSMENT OF PLANT BIODIVERSITY AND CONSERVATION IMPORTANCE OF EAST COAST LOW ELEVATION MALAGASY RAIN FORESTS		583732	Madagascar
BUTTERFLIES AS BIODIVERSITY INDICATORS: DEVELOPING TOOLS FOR CONSERVATION PLANNING IN MADAGASCAR	RE9001	580232	Madagascar

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Name</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
CONSERVING LOCAL BIODIVERSITY IN MADAGASCAR: THE POPULATION BIOLOGY AND CONSERVATION OF AN ENDANGERED KEYSTONE PALM	RE9001	580232	Madagascar
Developing the Integrated Conservation and Development Paradigm based on Sound Biological Information and Local Participation in Creating a New Wetland Biosphere in Madagascar		584037	Madagascar
Monitoring the Integrated Conservation and Development Strategy on the Masoala Peninsula in Madagascar		584032	Madagascar
Southern Madagascar	PD8902	581600	Madagascar
THE ECONOMIC IMPLICATIONS OF BIODIVERSITY PROTECTION IN MADAGASCAR	RE9101	580242	Madagascar
<b>Malawi</b>			
AN ASSESSMENT OF HIPPOPOTAMUS AND HUMAN NEEDS AND ATTITUDES IN THE LOWER SHIRE VALLEY, MALAWI	RE9101	580242	Malawi
Public Attitudes and Assessment of Human Needs Around Kasungu National Park		584046	Malawi
<b>Mali</b>			
Study of the Usage of Plant Species for Multiple Usage in the Biosphere Reserve of the Baoule Belt		584045	Mali
<b>Nigeria</b>			
Adopting Traditional Natural Resource Projection Methods as a Strategy for Forest and Wildlife Conservation in Nigeria		584031	Nigeria
DEVELOPMENT AND UTILIZATION OF FAST DISAPPEARING AND UNDERUTILIZED EDIBLE WOODY FOREST SPECIES IN SOUTHEASTERN NIGERIA	RE9001	580232	Nigeria
Monitoring and Evaluation of Biodiversity Conservation Programme in the Rain Forest Zone of Southeastern Nigeria		584041	Nigeria

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Name</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
Parataxonomist/Field Ethnobiologist Training Course in South-Eastern Nigeria		584042	Nigeria
The Impact of Land Tenure Changes and Land Use Practices on Biodiversity in Nigeria		584036	Nigeria
THE INVOLVEMENT OF WOMEN IN THE CONSERVATION OF BIODIVERSITY IN TROPICAL RAIN FOREST ZONE OF NIGERIA		583728	Nigeria
<b>Namibia</b>			
Development of Monitoring Procedures and Analysis of Community-Based Conservation in Namibia		584049	Namibia
Monitoring the Auxiliary Game Guard Program in Namibia		584035	Namibia
<b>Rwanda</b>			
Exploring Methods for Integrating Data on Socio-Economic and Environmental Processes that Influence Land Use Change: A Pilot Study		585041	Rwanda
POTENTIALITIES ET FACTEURS AFFECTANT LA DIVERSITE BIOLOGIQUE DANS LES FORETS DE MONTAGNE	RE9101	580242	Rwanda
PROGRAMME DE RECHERCHE UNIVERSITAIRE SUR LA BIODIVERSITE DE FORETS DE MONTAGNE DU RWANDA		583720	Rwanda
Rwanda Biodiversity Assessment	TA9301	580151	Rwanda
<b>Sierra Leone</b>			
ECOLOGY AND CONSERVATION OF SMALL FOREST FRAGMENTS IN SOUTHEASTERN SIERRA LEONE		583705	S. Leone
<b>Tanzania</b>			
An Assessment of Attitudes and Values Pertaining to Conservation Among Communities Around Mkomazi Game Reserve		584034	Tanzania

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Name</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
An Assessment of the Socio-Economic Impact of the Community Wildlife Management Program on the Women of the Mgeta River Buffer Zone		584038	Tanzania
Indian Ocean Islands Project		415210	Tanzania
Mafia Island Marine Park/Reserve	TA9102	580137	Tanzania
Monitoring and Evaluation for Effective Community-Based Management in Mafia Island Marine Park, Tanzania		584047	Tanzania
SOCIAL CONSTRAINTS IN COMMUNITY FORESTRY: A CASE STUDY OF IRINGA RURAL DISTRICT	RE9101	580242	Tanzania
THE IMPACT OF DIFFERENT FISHING TECHNIQUES ON THE MAINTENANCE OF BIOLOGICAL DIVERSITY OF INSHORE AND PELAGIC FISHES OF LAKE TANGANYIKA	RE9001	580232	Tanzania
<b>The Congo</b>			
WCI Conservation Assessment	TA9009	580134	The Congo
<b>The Gambia</b>			
Kiang West II Preliminary Assessment		580144	The Gambia
Kiang West National Park Assessment	TA9002	580122	The Gambia
Kiang West National Park Plan (Buy-in, Amendment 4)	PD9001	582110	The Gambia
Kiang West National Park II	SP9101	582910	The Gambia
<b>Uganda</b>			
Buffer Zone Management Workshop Publication	IN9003	580422	Uganda
Regional Field Training on Biodiversity and Environmental Impact Assessment	TR9305	580355	Uganda
THE ROLE OF SEED PREDATION AND HERBIVORY ON FOREST REGENERATION AND COMMUNITY COMPOSITION IN THE KIBALE FOREST RESERVE	RE9101	580242	Uganda

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Name</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
<b>Zaire</b>			
To Study the Zairian Tropical Forest Evolution Through the Mapping of the Vegetation Types and Understanding the Local Factors of Change		585047	Zaire
<b>Zambia</b>			
SUPPORT FOR LAND USE PLANNING OF ZAMBIA'S WILDLANDS NATIONAL PARKS AND WILDLIFE SERVICES OF ZAMBIA	RE9101	580242	Zambia
To Develop a Program to Inventory Wood Used for Charcoal Production in Zambia to Provide Estimates of Emissions of Greenhouse Gases and Particulate Matter on a Dynamic Basis		585042	Zambia
<b>Zimbabwe</b>			
MONITORING AND ASSESSMENT OF BIODIVERSITY IN DAMBO WETLANDS IN SUB-SAHARAN AFRICA		583738	Zimbabwe
Project to Publish Information on the Campfire Programme in Zimbabwe Illustrating the Benefits it Gives to Conservation and Development		584040	Zimbabwe
<b>Asia and the Pacific</b>			
<b>Asia and the Pacific Regionwide</b>			
ANE Bureau	PD8904	581400	Asia
APRE Bureau/Asia	PD9101	586000	Asia
APRE Small Grants Program	PD9101-05	586050	Asia
Asia I	PD9210	587500	Asia
Asia II	PD9403	406000	Asia
Asia Priorities Project		406510	Asia

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Name</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
Deforestation Trends in Southeast Asia	PD9210-01	587511	Asia
Dialogue on Sustainable Forest Management I	PD9101-04	586040	Asia
Dialogue on Sustainable Forest Management II	PD9403-04	406040	Asia
Guide to Social Sustainability		587512	Asia
Information Transfer	PD8901-02	581020	Asia
Linkages between Enterprises and Conservation	SP9201	595410	Asia
National Botanical Assessment	PD8901-03	581030	Asia
NGO Seminar on Conservation and the Environment	PD8901-04	581040	Asia
Pacific Support/Program Officer	PD9101-03	586004	S.Pacific
Participatory Mapping Manual/Assistance to Peoples and Forests		580458	Asia
Peoples and Forests Program	PD9404	406100	Asia
Peoples and Forests Program, Regional Projects	PD9404-01	406110	Asia
Priority Ecosystems Inventory	TA9004	580131	S. Pacific
Profitable Environmental Protection (PEP)	SP9202	595420	Asia
Speaker for GCC Conference	PD8901-11	581070	Asia
South Pacific Short-term Assistance	TA9103	580138	S. Pacific
TNC South Pacific CDC Development	PD8904-02	581420	S. Pacific
U.S. Study Tours	PD8901-01	581010	Asia
USAID Regional Conference/Sri Lanka	PD9101-01	586020	Asia
<b>Bangladesh</b>			
ASSESSMENT OF BIODIVERSITY OF TEKNAF GAME RESERVE OF BANGLADESH USING KEYSTONE SPECIES	RE9001	580232	Bangladesh
CONSERVATION OF FAUNAL RESOURCES OF HAIL HAOR (WETLAND) AND THEIR UTILIZATION BY LOCAL COMMUNITIES	RE9101	580242	Bangladesh

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Name</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
MONITORING OF FISHERIES BIODIVERSITY IN WETLANDS OF JAMUNA FLOODPLAIN IN BANGLADESH		583733	Bangladesh
Resource Harvesting Policies and Practices in the Bangladesh Sunderbans and its Impact on the Conservation of Biodiversity		583716	Bangladesh
<b>Borneo</b>			
Forests and People: Conservation for Development	IN8905	580412	Borneo
<b>India</b>			
BIODIVERSITY AND THE EXPLOITATION OF WILD FRUITS IN THE TROPICAL FORESTS OF ARUNACHAL PRADESH	RE9001	580232	India
Buffer Zone Restoration Assessment/India	SP8901	581510	India
CONSERVATION AND MANAGEMENT OF SUCHINDRAM KULAM WETLAND IN SOUTHERN INDIA FOR PROMOTION OF AGRICULTURE, FISHING AND ECO-TOURISM		583713	India
DEVELOPMENT OF PEOPLE'S INSTITUTIONS FOR PARTICIPATION IN MANAGEMENT OF FOREST RESOURCES	RE9101	580242	India
ECOLOGY OF INDIAN MEGACHIROPTERAN BATS	RE9101	580242	India
RESOURCE USE BY GADDI PASTORALISTS OF THE INDIAN HIMALAYA: IMPLICATIONS FOR THE CONSERVATION OF HIMALAYAN BIOLOGICAL DIVERSITY		583736	India
ROLE OF WILD BIOLOGICAL RESOURCES IN ECONOMIC DEVELOPMENT OF RURAL SOCIETIES		583719	India
Technical Assistance USAID/India	TA9401	401000	India
<b>Indonesia</b>			
ASMAT ETHNOBOTANY	RE9101	580242	Indonesia
Dipterocarp Mast Fruiting	TA9010	580161	Indonesia
Financial Resource Development Workshop/Indonesia	TR9005-02	580332	Indonesia

42

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Name</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
Forests and People in Kalimantan Conference	IN9102	580431	Indonesia
Grant to Indonesia Biodiversity Foundation		582840	Indonesia
Indonesia Biodiversity Conservation Foundation Start-up	PD9403-02	406021	Indonesia
Indonesia Biodiversity Conservation Program Phase I	PD9205	582800	Indonesia
Indonesia Biodiversity Conservation Program Phase II	PD9403-01	406010	Indonesia
Indonesia NRMP Environmental Assessment	PD9203	587010	Indonesia
Interagency Workshop on Biodiversity Database in Indonesia	IN9210	580461	Indonesia
Peoples and Forests Program, Indonesia Projects	PD9404-03	406130	Indonesia
Planning and Analysis Component of Indonesia Biodiversity Conservation Program Phase II	PD9403-02	406020	Indonesia
Planning and Analysis for the Indonesia Biodiversity Program		582810	Indonesia
PRELIMINARY RESEARCH ON THE ECONOMICS OF SUSTAINABLE FOREST MANAGEMENT IN INDONESIA		583714	Indonesia
Senior Advisor, PHPA, Indonesia	PD8904-01	581410	Indonesia
Study Tour Component of the Indonesia Biodiversity Program		582820	Indonesia
Tangkoko Nature Reserve Public Awareness Campaign	TA9201	580142	Indonesia
Technical Assistance Component of the Indonesia Biodiversity Program		582830	Indonesia
THE DIVERSITY, ECOLOGY, ECONOMIC VALUES AND CURRENT MANAGEMENT OF NATIVE MANGOS OF SOUTH SULAWESI, INDONESIA		583741	Indonesia
THE EFFECTS OF SELECTIVE LOGGING ON DIPTEROCARP FOREST REGENERATION AND DIPTEROCARP SEED PREDATORS IN KALIMANTAN	RE9001	580232	Indonesia
<b>Morocco</b>			
MERJA ZERGA BIOLOGICAL RESERVE LAND USE STUDY	RE9001	580232	Morocco

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Name</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
<b>Nepal</b>			
Annapurna Conservation Area Project (ACAP) & Nepal Conservation Research and Training Institute (NECTARI)	PD8903	581800	Nepal
Annapurna Conservation Area Project (ACAP)	PD8903-01	581810	Nepal
BIODIVERSITY IN THE SHIVAPURI WATERSHED AND WILDLIFE RESERVE	RE9001	580232	Nepal
NECTARI	PD8903-02	581030	Nepal
NECTARI report	TA8901	581840	Nepal
Nepal Database	PD8903-03	581820	Nepal
Strategic Proposal Design Workshop	TR9002	580322	Nepal
<b>Pakistan</b>			
Himalayan Jungle Project	PD8904-03	581430	Pakistan
<b>Papua New Guinea</b>			
Coastal Zone Management Workshop	PD9403-03	406031	PNG
MAINTAINING BIODIVERSITY THROUGH THE ESTABLISHMENT OF A WILDLIFE MANAGEMENT AREA IN MADANG PROVINCE	RE9101	580242	PNG
NGO Element of Conservation Needs Assessment (CNA)	TA9101	580141	PNG
PNG Conservation Needs Assessment (CNA)	PD8904-04	586010	PNG
PNG Conservation Needs Assessment Contribution	582080		
Preliminary PNG-CNA		581450	PNG
Rapid Assessment Program for Southern New Ireland	PD9408-02	406420	PNG
RESEEDING OF SELECTIVELY LOGGED RAINFORESTS BY BUFFER ZONES: A CASE STUDY OF LOGGING OPERATION IN PNG	RE9001	580232	PNG
<b>Philippines</b>			

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Name</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
ECOLOGICAL AND PHYSIOLOGICAL ASPECTS OF FRUGIVORY IN PHILIPPINES SPECIES OF PTEROPODIDAE	RE9001	580232	Philippines
Foundation Design	TA9006	580135	Philippines
NON-TIMBER FOREST PRODUCTS AND BIODIVERSITY IN THE PALANAN WILDERNESS AREA	RE9101	580242	Philippines
Peoples and Forests Program, Philippines Projects	PD9404-02	406120	Philippines
<b>Sri Lanka</b>			
A PHYTOSOCIOLOGICAL STUDY OF THE ANGIOSPERMS IN LOWLAND WET TROPICAL FORESTS OF SRI LANKA	RE9101	580242	Sri Lanka
EVALUATION OF FOREST USE METHODS BY PERIPHERAL VILLAGE COMMUNITIES IN THE KNUCKLES RANGE	RE9101	580242	Sri Lanka
Medicinal Plants Assessment	TA9003	580133	Sri Lanka
Pre-Sri Lanka Conference		581440	Sri Lanka
RESEARCH IN HORTON PLANS NATIONAL PARK	RE9001	580232	Sri Lanka
SPATIAL AND TEMPORAL DIVERSITY OF CORAL AND ALGAL COMMUNITIES OF SW SRI LANKA	RE9101	580242	Sri Lanka
<b>Thailand</b>			
ECOLOGY AND NUMBERS OF THE ASIAN ELEPHANTS IN HUAY KHA KHAENG WILDLIFE SANCTUARY	RE9101	580242	Thailand
Huay Kha Khaeng/Thung Yai Florula	PD8901-06	581060	Thailand
MANRES Biodiversity Research & Conservation	PD8901	581000	Thailand
MANRES Project Planning	TA8902	581110	Thailand
People and Parks in Thung Yai Nature Sanctuary	PD8901-13	581080	Thailand
Publication of Flora of Thailand (3 volumes)	IN8903	580411	Thailand
Technical Assistance to Thailand	PD8901-14	581002	Thailand
WFT Small Grants Program and Institution Strengthening	PD8901-05	581050	Thailand
World Bank Regional Meeting on Biodiversity	IN9004	580423	Thailand

45

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Name</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
<b>Eastern Europe</b>			
Conservation and Restoration of Biodiversity in Central and Eastern Europe	PD9105	590000	E. Europe
<b>Bulgaria</b>			
A Preliminary Needs Assessment and Subsequent Drafting of a National Biological Resources Conservation Strategy/Bulgaria	PD9105-01	590010	Bulgaria
Technical Assistance and Feasibility Study for Debt-for-Nature Swap	PD9105-03	590030	Bulgaria
<b>Czech &amp; Slovak Republics</b>			
Strengthening of NGO Participation in Nature Protection Czech & Slovak in the Czech and Slovak Republics	PD9105-02	590020	Republics
<b>Hungary</b>			
EXPLORATORY BIODIVERSITY STUDIES IN THE FORMER "IRON CURTAIN" ZONE ON THE WESTERN BORDER OF HUNGARY	RE9101	580242	Hungary
<b>Latin America and the Caribbean (LAC)</b>			
<b>LAC Regionwide</b>			
ACE NGO Manager Training (LAC buy-in)	TR9003	580323	Caribbean
ACE NGO Training/Caribbean	PD8905-05	581250	Caribbean
Debt for Nature Brochure: ¿Por Qué Canjear Deuda Por Naturaleza?	IN9002	580421	LAC
LAC/GCC Macroeconomics	PD9004	582310	LAC
LAC Pilot Projects	PD8905	581200	LAC

Note: Research Grant titles appear in SMALL CAPS.

<u>Project Name</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
<b>Argentina</b>			
BIODIVERSIDAD DE VERTEBRADOS SUPERIORES DE LAS RESERVAS NATURALES DE LA PROVINCIA DE TUCUMÁN, ARGENTINA		583706	Argentina
SMALL MAMMAL CONSERVATION IN THE PUNA AREA OF BOLIVIA AND ARGENTINA	RE9101	580242	Argentina
The Effect of Land Restoration Practices on Biodiversity in the Argentine Chaco		583708	Argentina
<b>Belize</b>			
Establishment of a Conservation Division and Expansion of the Protected Areas System	PD8905-03	581230	Belize
OPTIMIZING BIOLOGICAL DIVERSITY IN A MULTIPLE LAND USE SYSTEM IN MANATEE, BELIZE		583709	Belize
<b>Bolivia</b>			
DETERMINING LAND REQUIREMENTS FOR SUSTAINABLE HUNTING AMONG NATIVE AMAZONIANS: THE SIRIONO OF EASTERN BOLIVIA	RE9001	580232	Bolivia
ESTABLISHMENT OF EXPERIMENTAL FORESTRY PLOTS USING THE STRIP- SHELTERBELT SYSTEM ALONG THE CHIMORE-YAPACANI ROAD	RE9001	580232	Bolivia
EVALUACION DE LA DIVERSIDAD ECOLOGICA Y POTENCIALIDAD DEL TERRITORIO EN LOS VALLES SECOS INTERANDINOS DEL DEP. DE COCHABAMBA, BOLIVA	RE9101	580242	Bolivia
Forest Inventory	TA9005	580139	Bolivia
NYBG Amboró Inventory/Bolivia	PD8905-06	581260	Bolivia
VICUNA MANAGEMENT BY COMMUNITIES ON THE BOLIVIAN ALTIPLANO	RE9001	580232	Bolivia
<b>Brazil</b>			
Analysis of Mining Policies in Brazil		417200	Brazil

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Name</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
Amazon Forest Management & Policy II	PD9002-10	582290	Brazil
Amazon Forest Management and Policy III		582620	Brazil
Biological Dynamics of Forest Fragments (BDFF)	PD9002-03	582230	Brazil
Biological Dynamics of Forest Fragments II	PD9002-08	582270	Brazil
Commemorative Issue of Boletim do Museu Paraense Emilo Goeldi	PD9002-05	582250	Brazil
Estudo das Comunidades de Quelonios e Crocodilianos do Parque Nacional do Jaú (Amazonas)		583734	Brazil
LEVANTAMENTO ETNOBIOLOGICO NA ESTACAO ECOLOGICA JUREIA-ITATINS	RE9101	580242	Brazil
RAPID ECOLOGICAL ASSESSMENT OF A PROPOSED CONSERVATION UNIT IN THE PANTANAL	RE9001	580232	Brazil
REPRESENTACOES E USOS DO MEIO AMBIENTE A DE SUA DIVERSIDADE NA MEDICINA TRADICIONAL DOS SATERE-MAWE		583712	Brazil
RESTORATION OF A THREATENED TREE FLORA IN THE BRAGANTINA REGION, PAR, BRAZIL: LOW-COST ENRICHMENT OF SECONDARY FORESTS BY SMALL-HOLDERS		583740	Brazil
Restoring Agricultural Productivity on Degraded Amazonian	PD9002-09	582280	Brazil
Restoring Agricultural Productivity WHRC III	PD9002-11	582610	Brazil
SUPPLEMENTARY FUNDING FOR THE IMPLEMENTATION OF THE ESTACAO ECOLOGICA DO LAGO MAMIRAUÁ IN THE FLOODED FORESTS OF THE UPPER AMAZON	RE9001	580232	Brazil
UTILIZATION OF BIODIVERSITY BY A THREATENED FORAGING SOCIETY - GUAJA INDIANS, MARANHÃO	RE9001	580232	Brazil
WHRC: Restoring Agricultural Productivity on Degraded	PD9002-04	582240	Brazil
WWF Amazon Forest Management and Policy	PD9002-02	582220	Brazil

Chile

Note: Research Grant titles appear in SMALL CAPS.

<u>Project Name</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
ASSESSMENT OF BIODIVERSITY PATTERNS IN THE MEDITERRANEAN-TYPE CLIMATE FLORA OF CENTRAL CHILE	RE9001	580232	Chile
BIODIVERSIDAD Y PESCA ARTESANAL: MANEJO EXPERIMENTAL DE RECURSOS MARINOS BENTONICOS EN LA COSTA DEL CENTRO-NORTE DE CHILE	RE9101	580242	Chile
BIOLOGIA DE LA REPRODUCCION Y CAPACIDAD DE GERMINACIÓN EN SEMILLAS DE ESPECIES ARBOREAS NATIVAS DEL GENERO <u>NOTHOFAGUS</u> Y <u>LAURELIA</u> EN BOSQUES DEL SUR DE CHILE		583735	Chile
Botanical Conference Support	IN9108	580433	Chile
EFFECTO DE LOS CULTIVOS MASIVOS DE BIVALVOS MITILIDOS SOBRE LAS COMUNIDADES BENTÓNICOS DE LA BAHIA DE YALDAD		583725	Chile
PARQUES NACIONALES DE CHILE Y SUS OBJETIVOS DE CONSERVACION DE AVES Y MAMIFEROS NATIVOS EN PELIGRO DE EXTINCION		583722	Chile
THE INFLUENCE OF GRACILARIA CHILENSIS CULTIVATION ON THE BENTHIC MACROFAUNAL COMMUNITY IN THE MAULLIN ESTUARY	RE9001	580232	Chile
<b>Colombia</b>			
ASSESSMENT AND MONITORING OF THE BIRD AND FROG FAUNA OF THE EASTERN SLOPE OF THE FARALLONES DE CALI NATIONAL PARK (COLOMBIA) AND ITS AREA OF INFLUENCE		583721	Colombia
CHARACTERIZATION OF VEGETATION AND VARIATION IN BIODIVERSITY ACCORDING TO LAND USE IN THE RIO BURITACA WATERSHED	RE9001	580232	Colombia
ESTUDIO DE VIABILIDAD PARA LA DECLARATORIO DE UN CORREDOR DE CONSERVACIÓN DE LAS SELVAS HÚMEDAS DEL PACÍFICO COLOMBIANO		583726	Columbia

Note: Research Grant titles appear in SMALL CAPS.

<u>Project Name</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
MANEJO DE BOSQUES PRIVADOS Y REPOBLACION FORESTAL CON ESPECIES NATIVAS EN LA FRANJA ALTOANDINA COLOMBIANA	RE9101	580242	Colombia
RAPID ASSESSMENT OF BIODIVERSITY IN THE LIVING AND DEAD MANGROVE FORESTS OF THE CIENAGA GRANDE DE SANTA MARIA, COLOMBIA	RE9101	580242	Colombia
RESTORATION OF ABANDONED AGRICULTURAL LAND IN THE LOWLANDS OF CHOCO	RE9001	580232	Colombia
THE ROLE OF INDIGENOUS WOMEN IN THE REPRODUCTION OF PLANT CULTIVARS IN THE COLOMBIAN AMAZON	RE9101	580242	Colombia
<b>Costa Rica</b>			
BOSCOSA Evaluation	PD9204	588210	Costa Rica
BUTTERFLY FARMING IN COSTA RICA	RE9001	580232	Costa Rica
Costa Rica II	PD9209	588300	Costa Rica
Environmental Assessments	PD9209-02	588320	Costa Rica
INBio Parataxonomists Course/Costa Rica	PD8905-01	581210	Costa Rica
Parataxonomists Course (LAC buy-in)	TR9001	580321	Costa Rica
Proposal Design Technical Assistance	PD9209-01	588310	Costa Rica
SEA TURTLES AND THE CONSERVATION OF BIODIVERSITY IN COSTA RICA: A LOGICAL SOLUTION	RE9001	580232	Costa Rica
SPECIES DIVERSITY AND GENETIC VARIATION OF PLANTS GROWING IN GARDENS OF CHIBCHAN AMERINDIANS LIVING IN COSTA RICA. A MODEL FOR <i>IN SITU</i> CONSERVATION OF BIOLOGICAL DIVERSITY		583707	Costa Rica
Strategic Proposal Design Workshop/Costa Rica	TR9005-04	580334	Costa Rica
THE IMPORTANCE OF FOREST FRAGMENTS TO THE MAINTENANCE OF REGIONAL BIODIVERSITY SURROUNDING A TROPICAL RESERVE	RE9001	580232	Costa Rica
VALUATION OF THE NON-PRICED AMENITIES PROVIDED BY THE BIOLOGICAL RESOURCES WITHIN THE MONTEVERDE CLOUD FOREST PRESERVE	RE9001	580232	Costa Rica

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Name</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
<b>Dominica</b>			
A STUDY OF OUTDOOR RECREATION AND TOURISM RELATED ENVIRONMENTAL IMPACTS IN TROPICAL ISLAND SETTING - CASE STUDY OF COMMONWEALTH OF DOMINICA		583711	Dominica
<b>Ecuador</b>			
DESFIL Workshop and SUBIR Project Planning	TA8903	580123	Ecuador
Population Ecology and Conservation Biology: A Postgraduate	TR9101	580337	Ecuador
Population Ecology Training Course II	TR9202	580342	Ecuador
SILVICULTURA EXPERIMENTAL PARA LA RECUPERACION DEL BOSQUE MADURO TROPICAL: ESTACION BIOLOGICA JATUN SACHA, ECUADOR		583730	Ecuador
SUBIR Project Technical Assistance	TA9104	580145	Ecuador
THE ECONOMICS OF AGRICULTURAL LAND CLEARING IN LOWLAND ECUADOR	RE9001	580232	Ecuador
WCI Cloud Forests/Ecuador	PD8905-02	581220	Ecuador
<b>Guatemala</b>			
FORTALECIMIENTO INTEGRAL DEL PARQUE REGIONAL DE SANTIAGO ATITLAN Y SUS ZONAS DE AMORTIGUAMIENTO: UNA ALTERNATIVA DE CONSERVACION Y DESARROLLO SOSTENIBLE		583743	Guatemala
IDENTIFICATION OF NU INSECTS AND THEIR WAX: DERIVING A SUSTAINABLE INDUSTRY FROM BIOLOGICAL RESOURCES USED BY THE MAYA	RE9101	580242	Guatemala
LA INTERRALACION ENTRE CONSERVACION, DESARROLLO DE LA COMUNIDAD, Y CALIDAD DE VIDA HUMANA: UN ANALISIS DE LA POPULACION INDIGENA KEKCHI	RE9101	580242	Guatemala
THE IMPACTS OF DIFFERENT SYSTEMS OF PRODUCTION ON THE BIODIVERSITY OF GUATEMALA'S SEMIARID REGIONS	RE9001	580232	Guatemala

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Name</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
<b>Haiti</b>			
Les Arcadins Marine Park/Haiti	PD8905-04	581240	Haiti
Park Macaya Protection Project	PD9406-01	407410	Haiti
PEOPLE, DEVELOPMENT AND CONSERVATION		583737	Haiti
Pic Macaya National Park Project	PD9406	407400	Haiti
Technical Assistance - UNICORS		407420	Haiti
<b>Honduras</b>			
General Technical Assistance - Fundación VIDA	PD9208-02	588520	Honduras
Honduras II	PD9407	407600	Honduras
NGO Capacity Study	PD9208-01	588510	Honduras
NGO Environmental Encounter - Fundación VIDA		588570	Honduras
Proposal Design Workshop - Fundación VIDA	PD9208-03	588530	Honduras
Study Tours - Fundación VIDA		588540	Honduras
Technical Assistance to Fundación VIDA	PD9208	588500	Honduras
TNC Technical Assistance - Fundación VIDA	PD9208-06	588560	Honduras
WWF Technical Assistance - Fundación VIDA	PD9208-05	588550	Honduras
VERTEBRATE FAUNAL INVENTORY AND HUMAN ECOLOGY IN THE RIO PLATANO BIOSPHERE RESERVE	RE9001	580232	Honduras
<b>Jamaica</b>			
Strategic Proposal Design Workshop/Jamaica	TR9005-03	580333	Jamaica
<b>Mexico</b>			
Alternative Agroecological Practices in El Ocote Ecological Reserve		407035	Mexico

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Name</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
Alternative Development and Community Participation in Chimalapas, Oaxaca		407031	Mexico
Building Community Based Ecosystem Management in the Sierra Madre Occidental, Chihuahua, Mexico	PD9405-02	407021	Mexico
Calakmul Buffer Zone Development II	PD9103-02	588020	Mexico
Calakmul Buffer Zone Development Reserve	PD9003-02	582420	Mexico
Calakmul Forestry Project	PD9103-06	588060	Mexico
Community Development and Natural Resource Management in the Buffer Zone of the Calakmul Reserve		407032	Mexico
Community Development, Environmental Education and Conservation in El Ocote, Chiapas		407033	Mexico
Community Development in Chimalapas, Oaxaca	PD9003-01	582410	Mexico
Community Development in Chimalapas, Oaxaca II	PD9103-01	588010	Mexico
Community Development in the Buffer Zone of the El Triunfo	PD9003-04	582440	Mexico
Community Development in the Buffer Zone of El Triunfo Biosphere Reserve, Chiapas II	PD9103-04	407036	Mexico
Community Forestry Project - Calakmul		407034	Mexico
Ecodevelopment Program	PD9003	582400	Mexico
Ecodevelopment Program Mid-term Evaluation		407040	Mexico
Ecological Sensitivity Mapping as a Tool for Conservation and Natural Resource Management in Northeastern Mexico	PD9106-05	588150	Mexico
El Ocote Environmental Education, Chiapas	PD9003-06	582460	Mexico
El Ocote Environmental Education, Chiapas II	PD9103-05	588050	Mexico
El Ocote Sustainable Development, Chiapas	PD9003-03	582430	Mexico
El Ocote Sustainable Development, Chiapas II	PD9103-03	588030	Mexico
Farmer Participation in the Rehabilitation of Second Growth with Barbasco		588070	Mexico
Feasibility Study Northern Mexico GCC	PD9106-01	588110	Mexico

Note: Research Grant titles appear in SMALL CAPS.

<u>Project Name</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
Institutional Development and Strategic Planning to support Community Forestry in the Sierra Tarahumara	PD9106-02	588120	Mexico
INVENTORY OF THE ENTOMOLOGICAL FAUNA OF THE LACANDON FOREST. CHIAPAS: LEPIDOPTERA: HETEROCERA	RE9001	580232	Mexico
MAINTENANCE OF BIODIVERSITY IN THE TEHUACAN VALLEY: SOCIAL, ECONOMIC, AND GEOGRAPHIC FACTORS INFLUENCING HUMAN USE OF WILDLAND RESOURCES	RE9001	580232	Mexico
Mexican Mountain Forest - Imperial Woodpecker Project		407023	Mexico
Mexico Ecodevelopment Program II	PD9103	588000	Mexico
Mexico Ecodevelopment Program III		407030	Mexico
Mexico Ecodevelopment Program IV		417030	Mexico
Mexico Global Climate Change III	PD9405	407000	Mexico
Mexico Global Climate Change IV		417000	Mexico
Northern Border Wildlands II	PD9405-02	407020	Mexico
Northern Mexico Ecodevelopment	PD9106	588100	Mexico
Organización Comunitaria y Capacitación para la Gestión y Conservación en la Reserva de la Biosfera "El Cielo"	PD9106-04	588140	Mexico
OYAMEL FIR FORESTS AND OVERWINTERING MONARCH BUTTERFLIES		583702	Mexico
Participatory Leadership Workshop/Mexico	TR9005-01	580331	Mexico
Participatory Rural Appraisal (PRA) Training Program	PD9003-05	582450	Mexico
PATRONES DE DISTRIBUCION GEOGRAPHICA DE CACTACEAS AMENAZADAS DEL DESIERTO CHIHUAHUENSE	RE9101	580242	Mexico
Proyecto de Recursos Tarahumara	PD9405-02	407022	Mexico
Publication of Montes Azules Research Volume	IN9106	580438	Mexico
QUANTIFYING USE AND EVALUATING VALUE OF ETHNOBOTANICAL RESOURCES IN THE SIERRA DE MANANTLAN BIOSPHERE RESERVE	RE9001	580232	Mexico
Recursos Naturales Tarahumara: A Community Network	PD9106-03	588130	Mexico

Note: Research Grant titles appear in SMALL CAPS.

<u>Project Name</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
Reforestación para la Recuperación de Areas Degradadas en la Reserva Especial de la Biosfera Mariposa Monarca		407010	Mexico
Strategic Proposal Design Workshop	TR9201-01	580343	Mexico
SUSTAINABLE SILVICULTURE AT THE "PLAN PILOTO FORESTAL" IN QUINTANA ROO	RE9101	580242	Mexico
<b>Netherlands Antilles</b>			
CONSERVING THE BIOLOGICAL HERITAGE OF DOMINICA: INCORPORATING BIODIVERSITY CONCERNS INTO DEVELOPMENTAL PLANNING		583715	Neth. Ant.
<b>Panama</b>			
RESTORATION OF EASTERN PACIFIC CORAL REEFS (COSTA RICA, PANAMA, COLOMBIA): AN APPROACH TO MAINTAIN REGIONAL BIODIVERSITY	RE9001	580232	Panama
SEA TURTLE RESEARCH AND PROTECTION PROGRAM: BASTIMENTOS ISLAND NATIONAL MARINE PARK	RE9001	580232	Panama
THE IMPLEMENTATION OF A LONG-TERM MONITORING PROJECT OF AMPHIBIAN POPULATION IN PANAMA	RE9101	580242	Panama
<b>Paraguay</b>			
BUTTERFLIES OF PARAGUAY	RE9001	580232	Paraguay
<b>Peru</b>			
BIODIVERSITY, HISTORY, AND FUTURE OF RIO ABISEO NATIONAL PARK	RE9001	580232	Peru
DYNAMIC OF NATURAL REGENERATION IN A TROPICAL FOREST HARVESTED USING THE "STRIP-SHELTERBELT" SYSTEM	RE9001	580232	Peru
HUMAN IMPACT ON NATIVE PLAN RESOURCES OF THE ARID PERUVIAN CENTRAL COAST		583723	Peru

55

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Name</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
JURISDICTIONAL CONFLICTS IN THE PUBLIC ADMINISTRATION OF THE ENVIRONMENT IN PERU AND THE PROCESS OF CONSTITUTING A NATIONAL SYSTEM FOR THE ENVIRONMENT	RE9001	580232	Peru
LA MUJER Y LAS PLANTAS SILVESTRES EN LA COMUNIDAD AGUARUNA HUAMBIASA DEL RIO MARANON	RE9101	580242	Peru
MANAGING WILDLIFE TO CONSERVE AMAZONIAN FORESTS: SETTING UP MANAGEMENT FOR THE TAMSHIYACU-TAHUAYO COMMUNITY RESERVE		583731	Peru
MANEJO SOSTENIDO DEL BOSQUE TROPICAL: EL ROL DE LA INTERACCION QUIROPTERO - PLANTA	RE9101	580242	Peru
Rapid Assessment Program for Peru		406410	Peru
THE BIODIVERSITY INVENTORY OF THE PODOCARPUS FOREST "EL CHAUPE" & THE TABACONAS/NAMBALLE SANCTUARY IN THE REGION NOR MARAÑON		583742	Peru
THE HUANCHACO EXTRACTIVE RESERVE: INTEGRATING ENVIRONMENTAL PROTECTION AND SUSTAINABLE DEVELOPMENT IN PERU		583710	Peru
<b>St. Kitts</b>			
PROMOTING THE DEVELOPMENT OF A NATIONAL PARKS AND PROTECTED AREAS SYSTEM: AN NGO LED RESEARCH PROGRAM	RE9101	580242	St. Kitts
<b>Uruguay</b>			
Planning for National Biodiversity Strategy - Uruguay		401010	Uruguay
<b>Worldwide or General Activities</b>			
Biodiversity Seminar Series 1989	IN8901	580410	Various
Biodiversity Seminar Series 1990	IN9001	580427	Various
Biodiversity Seminar Series 1991	IN9101	580439	Various

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Name</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
Biodiversity Seminar Series 1992	IN9201	580443	Various
Biodiversity Seminar Series 1993	IN9301	580451	Various
Biodiversity Seminar Series 1994	IN9401	404010	Various
BSP Analytical Agenda	AN9401	403010	Various
BSP Monitoring & Evaluation Project	IN9304	580454	Various
BSP Publication Series 1993	IN9303	580453	Various
BSP Publication Series 1994	IN9404	404040	Various
BSP Research Grants Competition 1990/1991	RE9001	580232	Various
BSP Research Grants Competition 1991/1992	RE9101	580242	Various
BSP Research Grants Competition 1992/1993	RE9201	580252	Various
BSP Research Symposium at the Meeting of the Society for Conservation Biology, 1993	TR9303	580353	Various
BSP Research Symposium at the Joint Meeting of the Society for Conservation Biology and the Association for Tropical Biology 1994	IN9403	404030	Various
BSP Research Symposium at the Ninth Annual Meeting of the Society for Conservation Biology		414030	Various
BSP Research Symposium at the IV International Congress of Ethnobiology 1994		404050	Various
CITES Convention	PD8906-01	582010	Various
CMC Workshop on Marine Biodiversity	IN9006	580463	Various
<u>Conservation Biology</u> special issue	IN9209	580448	Various
<u>Conservation Biology</u> Subscriptions FY 92 & 93	IN9107	580436	Various
Cultural Survival: Rainforest Products Report	PD9002-01	582210	Various
DAI Wetlands Report	PD8906-05	582050	Various
Development of Methodologies for Training of Trainers and Field Testing a Training of Trainers Workshop	TR9201-03	580345	Various
Ecology and Exploitation of Non-timber Tropical Forest Resources : A Primer on Sustainability	PD9101-06	586060	Various

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Name</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
ERIN Training Workshop in Costa Rica	TR9304	580354	Costa Rica
Global Marine Biological Diversity Strategy Dissemination	IN9306	580457	Various
Gnusletter Publication	IN9007-01	580432	Various
Gnusletter Publication II	IN9007-02	580449	Various
ICDP Publication (English, French, Pub. Brief)	IN9207	580441	Various
IFAR Ex Situ Report	PD8906-04	582040	Various
Information Networking General 1994	IN9402	404020	Various
Information Networking General	IN9302	580452	Various
Information Networking General Activities	IN9203	580462	Various
International Ethnobotany Congress in Mexico	IN9305	580456	Mexico
ISEE Symposium (Conference support)	PD8906-03	582030	Various
ISEE Symposium (Participant support)	PD8906-02	582020	Various
National Science Foundation/AID Steering Committee	SP9001	595500	Various
OD Institutional Strengthening and Training II	TR9201	580341	Various
OD Institutional Strengthening and Training III	TR9301	580351	Various
OD Training Guides: A Guide to Designing Effective Proposals	TR9005-05	580335	General
OD Training Workshops	TR9005	580330	General
Organization for Economic Cooperation and Development (OECD)	SP9002	595600	Various
Pacific Science Biodiversity Symposium	PD9005-02	582070	Various
Publication of Self-Help and Facilitator Guides	TR9201-02	580344	Various
R&D Special Projects (Buy-in, Amendment 2)	PD8906	582000	Various
Rapid Assessment Program Project	PD9408	406400	Various
S&T Global Climate Change	PD9002	582200	Various
Setting Geographic Biodiversity Conservation Priorities	TA9403	401020	Various
Setting Priorities for Biodiversity	IN9005	580424	Various

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Name</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
SI's Wildlife Conservation and Management Course	TR9004	580324	General
Sponsorship of Two Participants to IV World Parks Congress	IN9202	580445	Various
Steve Lisansky/IUCN Report: Biodiversity Funding Mechanisms	IN8904	580414	General
Support to the Marie Selby Botanical Garden for Participants in the "Forest Canopies: Ecology, Biodiversity and Conservation" Conference	IN9308	580459	Various
Symposium "Can Nuts Save the Rainforest"	IN9204	580447	Various
Tropinet Newsletter	IN9009	580426	Various
UNCED Support-UN Conference on Environment & Development	IN9206	580444	Various
UNCED-Support for Conference Participants	IN9206	582090	Various
WID Proposal (Opportunities)	PD9005-01	582060	Various
Women and Biodiversity Conference	IN9010	580437	Various
Women In Development Supplemental Support	IN9208	580446	Various
WRI Investment Survey for 1987	IN8902	580413	General
WRI Investment Survey for 1989	IN9008	580425	Various
WRI/WCMC Biodiversity '92/Expanded Investments Survey	IN9103	580435	Various

**Complete List of BSP Activities by Title of Activity**

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Title</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
A COMPARATIVE STUDY OF THE EFFECTS OF SEDIMENTATION, POLLUTION AND FISHING PRACTICES ON THE BIODIVERSITY IN LAKE TANGANYIKA		583727	Burundi
A PHYTOSOCIOLOGICAL STUDY OF THE ANGIOSPERMS IN LOWLAND WET TROPICAL FORESTS OF SRI LANKA	RE9101	580242	Sri Lanka
A Preliminary Needs Assessment and Subsequent Drafting of a National Biological Resources Conservation Strategy/Bulgaria	PD9105-01	590010	Bulgaria
A STUDY OF OUTDOOR RECREATION AND TOURISM RELATED ENVIRONMENTAL IMPACTS IN TROPICAL ISLAND SETTING - CASE STUDY OF COMMONWEALTH OF DOMINICA		583711	Dominica
A STUDY OF THE IMPACTS OF STABILIZATION AND STRUCTURAL ADJUSTMENT ON THE MANAGEMENT OF NATIONAL PARKS IN GHANA		583704	Ghana
ACE NGO Manager Training (LAC buy-in)	TR9003	580323	Caribbean
ACE NGO Training/Caribbean	PD8905-05	581250	Caribbean
Adopting Traditional Natural Resource Projection Methods as a Strategy for Forest and Wildlife Conservation in Nigeria		584031	Nigeria
Africa Add-on 1	PD9102	584000	Africa
Africa Add-on II	PD9206	585000	Africa
AID-Madagascar Andohahela Nature Reserve	PD8902-01	581610	Madagascar
AID-Madagascar Beza Mahafaly Nature Reserve	PD8902-02	581620	Madagascar
Alternative Agroecological Practices in El Ocote Ecological Reserve		407035	Mexico
Alternative Development and Community Participation in Chimalapas, Oaxaca		407031	Mexico
ALTERNATIVES TO DESTRUCTION: STEPS TOWARD SUSTAINABLE USE OF MALAGASY RAINFOREST	RE9001	580232	Madagascar
Amazon Forest Management & Policy II	PD9002-10	582290	Brazil
Amazon Forest Management and Policy III		582620	Brazil

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Title</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
An Assessment of Attitudes and Values Pertaining to Conservation Among Communities Around Mkomazi Game Reserve		584034	Tanzania
AN ASSESSMENT OF HIPPOPOTAMUS AND HUMAN NEEDS AND ATTITUDES IN THE LOWER SHIRE VALLEY, MALAWI	RE9101	580242	Malawi
An Assessment of the Socio-Economic Impact of the Community Wildlife Management Program on the Women of the Mgeta River Buffer Zone		584038	Tanzania
An Integrated Monitoring Program for Trans-boundary Forest Conservation and Management in Congo, Cameroon, and the Central African Republic		584044	Central Africa
ANE Bureau	PD8904	581400	Asia
Annapurna Conservation Area Project (ACAP) & Nepal Conservation Research and Training Institute (NECTARI)	PD8903	581800	Nepal
Annapurna Conservation Area Project (ACAP)	PD8903-01	581810	Nepal
Applied Research to Aid in the Management of the Dzanga-Sangha Dense Forest Special Reserve and the Dzanga National Park		585046	CAR
APRE Bureau/Asia	PD9101	586000	Asia
APRE Small Grants Program	PD9101-05	586050	Asia
APPROCHE SUR LA CONSERVATION DE LA BIODIVERSITE PAR LA MODERNISATION DE L'APICULTURE EN COTE D'IVOIRE: EXEMPLE LA REGION DE TAFIRE		583703	Cote d'Ivoire
Asia I	PD9210	587500	Asia
Asia II	PD9403	406000	Asia
Asia Priorities Project		406510	Asia
ASMAT ETHNOBOTANY	RE9101	580242	Indonesia
ASSESSMENT AND MONITORING OF THE BIRD AND FROG FAUNA OF THE EASTERN SLOPE OF THE FARALLONES DE CALI NATIONAL PARK (COLOMBIA) AND ITS AREA OF INFLUENCE		583721	Colombia
ASSESSMENT OF BIODIVERSITY OF TEKNAF GAME RESERVE OF BANGLADESH USING KEYSTONE SPECIES	RE9001	580232	Bangladesh

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Title</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
ASSESSMENT OF BIODIVERSITY PATTERNS IN THE MEDITERRANEAN-TYPE CLIMATE FLORA OF CENTRAL CHILE	RE9001	580232	Chile
ASSESSMENT OF PLANT BIODIVERSITY AND CONSERVATION IMPORTANCE OF EAST COAST LOW ELEVATION MALAGASY RAIN FORESTS		583732	Madagascar
Attitudes toward Conservation of Biodiversity	PD9206-01	585010	Africa
Awareness of Mining Policies in Brazil		417200	Brazil
Behavioral Motivations II		405500	Africa
BIODIVERSIDAD DE VERTEBRADOS SUPERIORIES DE LAS RESERVAS NATURALES DE LA PROVINCIA DE TUCUMÁN, ARGENTINA		583706	Argentina
BIODIVERSIDAD Y PESCA ARTESANAL: MANEJO EXPERIMENTAL DE RECURSOS MARINOS BENTONICOS EN LA COSTA DEL CENTRO-NORTE DE CHILE	RE9101	580242	Chile
BIODIVERSITÉ DES POISSONS DU BASSIN DU NTEM (CAMEROUN): TAXINOMIE, ECOLOGIE ET CONSERVATION		583718	Cameroon
Biodiversity Analysis for Africa I	PD9102-02	584020	Africa
Biodiversity Analysis for Africa II	PD9206-03	585030	Africa
BIODIVERSITY AND THE EXPLOITATION OF WILD FRUITS IN THE TROPICAL FORESTS OF ARUNACHAL PRADESH	RE9001	580232	India
BIODIVERSITY, HISTORY, AND FUTURE OF RIO ABISEO NATIONAL PARK	RE9001	580232	Peru
BIODIVERSITY IN THE SHIVAPURI WATERSHED AND WILDLIFE RESERVE	RE9001	580232	Nepal
Biodiversity Monitoring and Evaluation (BIOME)		415810	Africa
Biodiversity Pilot Analytical Projects	PD9102-03	584030	Africa
Biodiversity Seminar Series 1989	IN8901	580410	General
Biodiversity Seminar Series 1990	IN9001	580427	Various
Biodiversity Seminar Series 1991	IN9101	580439	Various
Biodiversity Seminar Series 1992	IN9201	580443	Various
Biodiversity Seminar Series 1993	IN9301	580451	Various

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Title</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
Biodiversity Seminar Series 1994	IN9401	404010	Various
BIOLOGIA DE LA REPRODUCCION Y CAPACIDAD DE GERMINACIÓN EN SEMILLAS DE ESPECIES ARBOREAS NATIVAS DEL GENERO <u>NOTHOFAGUS</u> Y <u>LAURELIA</u> EN BOSQUES DEL SUR DE CHILE		583735	Chile
Biological Dynamics of Forest Fragments (BDFF)	PD9002-03	582230	Brazil
Biological Dynamics of Forest Fragments II	PD9002-08	582270	Brazil
BOSCOSA Evaluation	PD9204	588210	Costa Rica
Botanical Conference Support	IN9108	580433	Chile
BSP Analytical Agenda	AN9401	403010	Various
BSP Monitoring & Evaluation Project	IN9304	580454	Various
BSP Publication Series 1993	IN9303	580453	Various
BSP Publication Series 1994	IN9404	404040	Various
BSP Research Grants Competition 1990/1991	RE9001	580232	Various
BSP Research Grants Competition 1991/1992	RE9101	580242	Various
BSP Research Grants Competition 1992/1993	RE9201	580252	Various
BSP Research Symposium at the Meeting of the Society for Conservation Biology, 1993	TR9303	580353	Various
BSP Research Symposium at the IV International Congress of Ethnobiology 1994		404050	Various
BSP Research Symposium at the Joint Meeting of the Society for Conservation Biology and the Association for Tropical Biology, 1994	IN9403	404030	Various
BSP Research Symposium at the Ninth Annual Meeting of the Society of Conservation Biology		414030	Various
Buffer Zone Management Workshop Publication	IN9003	580422	Uganda
Buffer Zone Restoration Assessment/India	SP8901	581510	India
Building Community Based Ecosystem Management in the Sierra Madre Occidental, Chihuahua, Mexico	PD9405-02	407021	Mexico
BUTTERFLIES AS BIODIVERSITY INDICATORS: DEVELOPING TOOLS FOR CONSERVATION PLANNING IN MADAGASCAR	RE9001	580232	Madagascar

Note: Research Grant titles appear in SMALL CAPS.

<u>Project Title</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
BUTTERFLIES OF PARAGUAY	RE9001	580232	Paraguay
BUTTERFLY FARMING IN COSTA RICA	RE9001	580232	Costa Rica
Calakmul Buffer Zone Development II	PD9103-02	588020	Mexico
Calakmul Buffer Zone Development Reserve	PD9003-02	582420	Mexico
Calakmul Forestry Project	PD9103-06	588060	Mexico
Cameroon Biodiversity Assessment	PD9207	584810	Cameroon
Central Africa Global Climate Change Action Plan	PD9102-01	584010	Africa
Central Africa Global Climate Change Project	PD9002-06	582260	Africa
CHARACTERIZATION OF VEGETATION AND VARIATION IN BIODIVERSITY ACCORDING TO LAND USE IN THE RIO BURITACA WATERSHED	RE9001	580232	Colombia
CITES Convention	PD8906-01	582010	Various
CMC Workshop on Marine Biodiversity	IN9006	580463	Various
Coastal Zone Management Workshop	PD9403-03	406031	PNG
Commemorative Issue of Boletim do Museu Paraense Emilo Goeldi	PD9002-05	582250	Brazil
Community Development and Natural Resource Management in the Buffer Zone of the Calakmul Reserve		407032	Mexico
Community Development, Environmental Education and Conservation in El Ocote, Chiapas		407033	Mexico
Community Development in Chimalapas, Oaxaca	PD9003-01	582410	Mexico
Community Development in Chimalapas, Oaxaca II	PD9103-01	588010	Mexico
Community Development in the Buffer Zone of the El Triunfo	PD9003-04	582440	Mexico
Community Development in the Buffer Zone of El Triunfo Biosphere Reserve, Chiapas II	PD9103-04	407036	Mexico
Community Forestry Project - Calakmul		407034	Mexico
CONSEQUENCES DE L'EXPLOITATION FORESTIERE INDUSTRIELLE SUR L'ECOSYSTEME DE FORET DENSE EQUATORIALE ET SUR LE MODE DE VIE DES POPULATION INDIGENES	RE9101	580242	Cameroon

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Title</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
CONSERVATION AND MANAGEMENT OF SUCHINDRAM KULAM WETLAND IN SOUTHERN INDIA FOR PROMOTION OF AGRICULTURE, FISHING AND ECO-TOURISM		583713	India
Conservation and Restoration of Biodiversity in Central and Eastern Europe	PD9105	590000	E.Europe
<u>Conservation Biology</u> special issue	IN9209	580448	Various
<u>Conservation Biology</u> Subscriptions FY 92 & 93	IN9107	580436	Various
Conservation Education in Southwestern CAR	IN9104	580434	Cen Afr Rep
CONSERVATION OF FAUNAL RESOURCES OF HAIL HAOR (WETLAND) AND THEIR UTILIZATION BY LOCAL COMMUNITIES	RE9101	580242	Bangladesh
CONSERVING LOCAL BIODIVERSITY IN MADAGASCAR: THE POPULATION BIOLOGY AND CONSERVATION OF AN ENDANGERED KEYSTONE PALM	RE9001	580232	Madagascar
CONSERVING THE BIOLOGICAL HERITAGE OF DOMINICA: INCORPORATING BIODIVERSITY CONCERNS INTO DEVELOPMENTAL PLANNING		583715	Neth. Ant.
Costa Rica II	PD9209	588300	Costa Rica
Cultural Survival: Rainforest Products Report	PD9002-01	582210	Various
DAI Wetlands Report	PD8906-05	582050	Various
Debt for Nature Brochure: ¿Por Qué Canjear Deuda Por Naturaleza?	IN9002	580421	LAC
Deforestation Trends in Southeast Asia	PD9210-01	587511	Asia
DEMAND FOR FOREST PRODUCTS AND PROSPECTS FOR COMMUNITY FOREST MANAGEMENT		583739	Kenya
DESFIL Workshop and SUBIR Project Planning	TA8903	580123	Ecuador
DETERMINING LAND REQUIREMENTS FOR SUSTAINABLE HUNTING AMONG NATIVE AMAZONIANS: THE SIRJONO OF EASTERN BOLIVIA	RE9001	580232	Bolivia
Developing Guidelines for Participatory Monitoring and Evaluation of Integrated Conservation and Development Projects		584048	Africa

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Title</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
Developing the Integrated Conservation and Development Paradigm based on Sound Biological Information and Local Participation in Creating a New Wetland Biosphere in Madagascar		584037	Madagascar
DEVELOPMENT AND UTILIZATION OF FAST DISAPPEARING AND UNDERUTILIZED EDIBLE WOODY FOREST SPECIES IN SOUTHEASTERN NIGERIA	RE9001	580232	Nigeria
Development, Evaluation and Validation of Satellite-Derived Vegetation Maps for Cameroon Using High Resolution Satellite Images		585043	Cameroon
Development of Methodologies for Training of Trainers and Field Testing a Training of Trainers Workshop	TR9201-03	580345	Various
Development of Monitoring Procedures and Analysis of Community-Based Conservation in Namibia		584049	Namibia
DEVELOPMENT OF PEOPLE'S INSTITUTIONS FOR PARTICIPATION IN MANAGEMENT OF FOREST RESOURCES	RE9101	580242	India
Dialogue on Sustainable Forest Management I	PD9101-04	586040	Asia
Dialogue on Sustainable Forest Management II	PD9403-04	406040	Asia
Dipterocarp Mast Fruiting	TA9010	580161	Indonesia
DYNAMIC OF NATURAL REGENERATION IN A TROPICAL FOREST HARVESTED USING THE "STRIP-SHELTERBELT" SYSTEM	RE9001	580232	Peru
Ecodevelopment Program	PD9003	582400	Mexico
Ecodevelopment Program Mid-term Evaluation		407040	Mexico
ECOLOGICAL AND PHYSIOLOGICAL ASPECTS OF FRUGIVORY IN PHILIPPINES SPECIES OF PTEROPODIDAE	RE9001	580232	Philippines
Ecological Sensitivity Mapping as a Tool for Conservation and Natural Resource Management in Northeastern Mexico	PD9106-05	588150	Mexico
ECOLOGY AND CONSERVATION OF SMALL FOREST FRAGMENTS IN SOUTHEASTERN SIERRA LEONE		583705	S. Leone
Ecology and Exploitation of Non-timber Tropical Forest Resources : A Primer on Sustainability	PD9101-06	586060	Various
ECOLOGY AND NUMBERS OF THE ASIAN ELEPHANTS IN HUAI KHA KHAENG WILDLIFE SANCTUARY	RE9101	580242	Thailand

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Title</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
ECOLOGY OF INDIAN MEGACHIROPTERAN BATS	RE9101	580242	India
EFFECTO DE LOS CULTIVOS MASIVOS DE BIVALVOS MITILIDOS SOBRE LAS COMUNIDADES BENTÓNICOS DE LA BAHIA DE YALDAD		583725	Chile
EFFECTS OF DIFFERENT HARVESTING PRACTICES (I.E., LOGGING AND GATHERING OR COLLECTION OF NON-TIMBER FOREST PRODUCTS) ON BIOLOGICAL DIVERSITY IN SELECTED FOREST ECOSYSTEMS IN GHANA		583729	Ghana
El Ocote Environmental Education, Chiapas	PD9003-06	582460	Mexico
El Ocote Environmental Education, Chiapas II	PD9103-05	588050	Mexico
El Ocote Sustainable Development, Chiapas	PD9003-03	582430	Mexico
El Ocote Sustainable Development, Chiapas II	PD9103-03	588030	Mexico
Environmental Assessments	PD9209-02	588320	Costa Rica
Environmental Impact Assessment and Biodiversity: The Case of Small-scale Irrigation Schemes in Kenya		584043	Kenya
Environmental Governance in East and Southern Africa		415410	Africa
ENVIRONMENTAL PROTECTION LAW - A CASE STUDY OF CAMEROON'S LEGISLATION		583724	Cameroon
ERIN Training in Costa Rica	TR9304	580354	Costa Rica
Establishment of a Conservation Division and Expansion of the Protected Areas System	PD8905-03	581230	Belize
ESTABLISHMENT OF EXPERIMENTAL FORESTRY PLOTS USING THE STRIP- SHELTERBELT SYSTEM ALONG THE CHIMORE-YAPACANI ROAD	RE9001	580232	Bolivia
ESTABLISHMENT OF KITCHEN GARDENS FOR INDIGENOUS FOOD SPECIES IN A MASAI GROUP RANCH AREA IN KAJIADO DISTRICT	RE9001	580232	Kenya
ESTUDIO DE VIABILIDAD PARA LA DECLARATORIO DE UN CORREDOR DE CONSERVACIÓN DE LAS SELVAS HÚMEDAS DEL PACÍFICO COLOMBIANO		583726	Columbia
Estudo das Comunidades de Quelonios e Crocodilianos do Parque Nacional do Jaú (Amazonas)		583734	Brazil

Note: Research Grant titles appear in SMALL CAPS.

<u>Project Title</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
EVALUACION DE LA DIVERSIDAD ECOLOGICA Y POTENCIALIDAD DEL TERRITORIO EN LOS VALLES SECOS INTERANDINOS DEL DEP. DE COCHABAMBA, BOLIVA	RE9101	580242	Bolivia
EVALUATION OF FOREST USE METHODS BY PERIPHERAL VILLAGE COMMUNITIES IN THE KNUCKLES RANGE	RE9101	580242	Sri Lanka
EXPLORATORY BIODIVERSITY STUDIES IN THE FORMER "IRON CURTAIN" ZONE ON THE WESTERN BORDER OF HUNGARY	RE9101	580242	Hungary
Exploring Methods for Integrating Data on Socio-Economic and Environmental Processes that Influence Land Use Change: A Pilot Study		585041	Rwanda
Farmer Participation in the Rehabilitation of Second Growth with Barbasco		588070	Mexico
Feasibility Study Northern Mexico GCC	PD9106-01	588110	Mexico
FIG TREE HARVESTING IN THE TANA RIVER RESERVE AND ITS IMPLICATIONS FOR TWO SPECIES OF ENDANGERED PRIMATES	RE9001	580232	Kenya
Financial Resource Development Workshop/Indonesia	TR9005-02	580332	Indonesia
Forest Inventory	TA9005	580139	Bolivia
Forests and People in Kalimantan Conference	IN9102	580431	Indonesia
Forests and People: Conservation for Development	IN8905	580412	Borneo
FORTALECIMIENTO INTEGRAL DEL PARQUE REGIONAL DE SANTIAGO ATITLAN Y SUS ZONAS DE AMORTIGUAMIENTO: UNA ALTERNATIVA DE CONSERVACION Y DESARROLLO SOSTENIBLE		583743	Guatemala
Foundation Design	TA9006	580135	Philippines
General Technical Assistance - Fundación VIDA	PD9208-02	588520	Honduras
Global Climate Change for Africa II	PD9206-02	585020	Africa
Global Climate Change for Africa II Grants		585040	Africa
Global Climate Change for Africa III		415610	Africa
Global Marine Biological Diversity Strategy Dissemination	IN9306	580457	Various
Gnusletter Publication	IN9007-01	580432	Various

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Title</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
Gnusletter Publication II	IN9007-02	580449	Various
Grant to Indonesia Biodiversity Foundation		582840	Indonesia
Guide to Social Sustainability		587512	Asia
Himalayan Jungle Project	PD8904-03	581430	Pakistan
Honduras II	PD9407	407600	Honduras
Huay Kha Khaeng/Thung Yai Florula	PD8901-06	581060	Thailand
HUMAN IMPACT ON NATIVE PLAN RESOURCES OF THE ARID PERUVIAN CENTRAL COAST		583723	Peru
ICDP Publication (English, French, Pub. Brief)	IN9207	580441	Various
IDENTIFICATION OF NU INSECTS AND THEIR WAX: DERIVING A SUSTAINABLE INDUSTRY FROM BIOLOGICAL RESOURCES USED BY THE MAYA	RE9101	580242	Guatemala
IFAR Ex Situ Report	PD8906-04	582040	Various
IMPACT ASSESSMENT OF SOCIAL FORESTRY PROJECTS IN NORTHERN GHANA		583701	Ghana
INBio Parataxonomists Course/Costa Rica	PD8905-01	581210	Costa Rica
Indonesia Biodiversity Conservation Foundation Start-up	PD9403-02	406021	Indonesia
Indonesia Biodiversity Conservation Program Phase I	PD9205	582800	Indonesia
Indonesia Biodiversity Conservation Program Phase II	PD9403-01	406010	Indonesia
Indonesia NRMP Environmental Assessment	PD9203	587010	Indonesia
Information Networking General 1994	IN9402	404020	Various
Information Networking General	IN9302	580452	Various
Information Networking General Activities	IN9203	580462	Various
Information Transfer	PD8901-02	581020	Asia
Institutional Development and Strategic Planning to support Community Forestry in the Sierra Tarahumara	PD9106-02	588120	Mexico
Interagency Workshop on Biodiversity Database in Indonesia	IN9210	580461	Indonesia
International Ethnobotany Congress in Mexico	IN9305	580456	Mexico
INVENTORY OF THE ENTOMOLOGICAL FAUNA OF THE LACANDON FOREST. CHIAPAS: LEPIDOPTERA: HETEROCERA	RE9001	580232	Mexico
IPR Workshop	TA9402	401030	Cameroon

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Title</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
ISEE Symposium (Conference support)	PD8906-03	582030	Various
ISEE Symposium (Participant support)	PD8906-02	582020	Various
JURISDICTIONAL CONFLICTS IN THE PUBLIC ADMINISTRATION OF THE ENVIRONMENT IN PERU AND THE PROCESS OF CONSTITUTING A NATIONAL SYSTEM FOR THE ENVIRONMENT	RE9001	580232	Peru
Kiang West II Preliminary Assessment		580144	The Gambia
Kiang West National Park Assessment	TA9002	580122	The Gambia
Kiang West National Park Plan (Buy-in, Amendment 4)	PD9001	582110	The Gambia
Kiang West National Park II	SP9101	582910	The Gambia
Korup National Park, Cameroon	PD9301	594900	Cameroon
LAC/GCC Macroeconomics	PD9004	582310	LAC
LAC Pilot Projects	PD8905	581200	LAC
LA INTERRALACION ENTRE CONSERVACION, DESARROLLO DE LA COMUNIDAD, Y CALIDAD DE VIDA HUMANA: UN ANALISIS DE LA POPULACION INDIGENA KEKCHI	RE9101	580242	Guatemala
LA MUJER Y LAS PLANTAS SILVESTRES EN LA COMUNIDAD AGUARUNA HUAMBIASA DEL RIO MARANON	RE9101	580242	Peru
Lac Lobeke Strategic Planning Mission		585044	Cameroon
Lake Tanganyika Conference on Conservation and Biodiversity	TA9008	580132	Africa
Les Arcadins Marine Park/Haiti	PD8905-04	581240	Haiti
LEVANTAMENTO ETNOBIOLOGICO NA ESTACAO ECOLOGICA JUREIA-ITATINS	RE9101	580242	Brazil
Linkages between Enterprises and Conservation	SP9201	595410	Asia
Local Sustainable Management Surrounding Kabore Tambi National Park in Burkina Faso		584033	Burkina Faso
Mafia Island Marine Park/Reserve	TA9102	580137	Tanzania
MAINTENANCE OF BIODIVERSITY IN THE TEHUACAN VALLEY: SOCIAL, ECONOMIC, AND GEOGRAPHIC FACTORS INFLUENCING HUMAN USE OF WILDLAND RESOURCES	RE9001	580232	Mexico
MAINTAINING BIODIVERSITY THROUGH THE ESTABLISHMENT OF A WILDLIFE MANAGEMENT AREA IN MADANG PROVINCE	RE9101	580242	PNG

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Title</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
MANAGING WILDLIFE TO CONSERVE AMAZONIAN FORESTS: SETTING UP MANAGEMENT FOR THE TAMSHIYACU-TAHUAYO COMMUNITY RESERVE		583731	Peru
MANEJO DE BOSQUES PRIVADOS Y REPOBLACION FORESTAL CON ESPECIES NATIVAS EN LA FRANJA ALTOANDINA COLOMBIANA	RE9101	580242	Colombia
MANEJO SOSTENIDO DEL BOSQUE TROPICAL: EL ROLE DE LA INTERACCION QUIROPTERO - PLANTA	RE9101	580242	Peru
MANRES Biodiversity Research & Conservation	PD8901	581000	Thailand
MANRES Project Planning	TA8902	581110	Thailand
Medicinal Plants Assessment	TA9003	580133	Sri Lanka
MERJA ZERGA BIOLOGICAL RESERVE LAND USE STUDY	RE9001	580232	Morocco
Mexican Mountain Forest - Imperial Woodpecker Project		407023	Mexico
Mexico Ecodevelopment Program II	PD9103	588000	Mexico
Mexico Ecodevelopment Program III		407030	Mexico
Mexico Ecodevelopment Program IV		417030	Mexico
Mexico Global Climate Change III	PD9405	407000	Mexico
Mexico Global Climate Change IV		417000	Mexico
MONITORING AND ASSESSMENT OF BIODIVERSITY IN DAMBO WETLANDS IN SUB-SAHARAN AFRICA		583738	Zimbabwe
Monitoring and Evaluation for Effective Community-Based Management in Mafia Island Marine Park, Tanzania		584047	Tanzania
Monitoring and Evaluation of Biodiversity Conservation Programme in the Rain Forest Zone of Southeastern Nigeria		584041	Nigeria
MONITORING OF FISHERIES BIODIVERSITY IN WETLANDS OF JAMUNA FLOODPLAIN IN BANGLADESH		583733	Bangladesh
Monitoring the Auxiliary Game Guard Program in Namibia		584035	Namibia
Monitoring the Integrated Conservation and Development Strategy on the Masoala Peninsula in Madagascar		584032	Madagascar
National Botanical Assessment	PD8901-03	581030	Asia
National Science Foundation/AID Steering Committee	SP9001	595500	Various

Note: Research Grant titles appear in SMALL CAPS.

<u>Project Title</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
Natural Forest Management Through Sustainable Local Utilization		584039	Africa
NECTARI	PD8903-02	581030	Nepal
NECTARI report	TA8901	581840	Nepal
Nepal Database	PD8903-03	581020	Nepal
NGO Capacity Study	PD9208-01	588510	Honduras
NGO Element of Conservation Needs Assessment (CNA)	TA9101	580141	PNG
NGO Environmental Encounter - Fundación VIDA		588570	Honduras
NGO Seminar on Conservation and the Environment	PD8901-04	581040	Asia
NON-TIMBER FOREST PRODUCTS AND BIODIVERSITY IN THE PALANAN WILDERNESS AREA	RE9101	580242	Philippines
Northern Border Wildlands II	PD9405-02	407020	Mexico
Northern Mexico Ecodevelopment	PD9106	588100	Mexico
NYBG Amboró Inventory/Bolivia	PD8905-06	581260	Bolivia
OD Institutional Strengthening and Training II	TR9201	580341	Various
OD Institutional Strengthening and Training III	TR9301	580351	Various
OD Training Guides: A Guide to Designing Effective Proposals	TR9005-05	580335	General
OD Training Workshops	TR9005	580330	General
OPTIMIZING BIOLOGICAL DIVERSITY IN A MULTIPLE LAND USE SYSTEM IN MANATEE, BELIZE		583709	Belize
Organización Comunitaria y Capacitación para la Gestión y Conservación en la Reserva de la Biosfera "El Cielo"	PD9106-04	588140	Mexico
Organization for Economic Cooperation and Development (OECD)	SP9002	595600	Various
OYAMEL FIR FORESTS AND OVERWINTERING MONARCH BUTTERFLIES		583702	Mexico
Pacific Science Biodiversity Symposium	PD9005-02	582070	Various
Pacific Support/Program Officer	PD9101-03	586004	S. Pacific
Parataxonomists Course (LAC buy-in)	TR9001	580321	Costa Rica

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Title</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
Parataxonomist/Field Ethnobiologist Training Course in South-Eastern Nigeria		584042	Nigeria
PARCS (Protected Area Conservation Strategy)	PD9202	584510	Africa
PARCS II		405000	Africa
PARCS supplemental	TR9302	580352	Africa
Park Macaya Protection Project	PD9406-01	407410	Haiti
PARQUES NACIONALES DE CHILE Y SUS OBJETIVOS DE CONSERVACION DE AVES Y MAMIFEROS NATIVOS EN PELIGRO DE EXTINCION		583722	Chile
Participatory Leadership Workshop/Mexico	TR9005-01	580331	Mexico
Participatory Mapping Manual/Assistance to Peoples and Forests		580458	Asia
Participatory Rural Appraisal (PRA) Training Program	PD9003-05	582450	Mexico
PATRONES DE DISTRIBUCION GEOGRAPHICA DE CACTACEAS AMENAZADAS DEL DESIERTO CHIHUAHUENSE	RE9101	580242	Mexico
People and Parks in Thung Yai Nature Sanctuary	PD8901-13	581080	Thailand
PEOPLE, DEVELOPMENT AND CONSERVATION		583737	Haiti
Peoples and Forests Program	PD9404	406100	Asia
Peoples and Forests Program, Indonesia Projects	PD9404-03	406130	Indonesia
Peoples and Forests Program, Regional Projects	PD9404-01	406110	Asia
Peoples and Forests Program, Philippines Projects	PD9404-02	406120	Philippines
Pic Macaya National Park Project	PD9406	407400	Haiti
Planning and Analysis Component of Indonesia Biodiversity Conservation Program Phase II	PD9403-02	406020	Indonesia
Planning and Analysis for the Indonesia Biodiversity Program		582810	Indonesia
Planning for National Biodiversity Strategy - Uruguay		401010	Uruguay
PNG Conservation Needs Assessment (CNA)	PD8904-04	586010	PNG
PNG Conservation Needs Assessment Contribution		582080	
Population Ecology and Conservation Biology: A Postgraduate	TR9101	580337	Ecuador

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Title</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
Population Ecology Training Course II	TR9202	580342	Ecuador
POTENTIALITIES ET FACTEURS AFFECTANT LA DIVERSITE BIOLOGIQUE DANS LES FORETS DE MONTAGNE	RE9101	580242	Rwanda
Pre-Sri Lanka Conference		581440	Sri Lanka
Prelim. PNG-CNA		581450	PNG
PRELIMINARY RESEARCH ON THE ECONOMICS OF SUSTAINABLE FOREST MANAGEMENT IN INDONESIA		583714	Indonesia
Priority Ecosystems Inventory	TA9004	580131	S. Pacific
Profitable Environmental Protection (PEP)	SP9202	595420	Asia
PROGRAMME DE RECHERCHE UNIVERSITAIRE SUR LA BIODIVERSITE DE FORETS DE MONTAGNE DU RWANDA		583720	Rwanda
Project to Publish Information on the Campfire Programme in Zimbabwe Illustrating the Benefits it Gives to Conservation and Development		584040	Zimbabwe
PROMOTING THE DEVELOPMENT OF A NATIONAL PARKS AND PROTECTED AREAS SYSTEM: AN NGO LED RESEARCH PROGRAM	RE9101	580242	St. Kitts
Proposal Design Technical Assistance	PD9209-01	588310	Costa Rica
Proposal Design Workshop - Fundación VIDA	PD9208-03	588530	Honduras
Indian Ocean Islands Project		415210	Tanzania
Proyecto de Recursos Tarahumara	PD9405-02	407022	Mexico
Public Attitudes and Assessment of Human Needs Around Kasungu National Park		584046	Malawi
Publication of Flora of Thailand (3 volumes)	IN8903	580411	Thailand
Publication of Montes Azules Research Volume	IN9106	580438	Mexico
Publication of Self-Help and Facilitator Guides	TR9201-02	580344	Various
QUANTIFYING USE AND EVALUATING VALUE OF ETHNOBOTANICAL RESOURCES IN THE SIERRA DE MANANTLAN BIOSPHERE RESERVE	RE9001	580232	Mexico
R&D Special Projects (Buy-in, Amendment 2)	PD8906	582000	Various

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Title</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
RAPID ASSESSMENT OF BIODIVERSITY IN THE LIVING AND DEAD MANGROVE FORESTS OF THE CIENAGA GRANDE DE SANTA MARIA, COLOMBIA	RE9101	580242	Colombia
Rapid Assessment Program for Peru		406410	Peru
Rapid Assessment Program for Southern New Ireland	PD9408-02	406420	PNG
Rapid Assessment Program Project	PD9408	406400	Various
RAPID ECOLOGICAL ASSESSMENT OF A PROPOSED CONSERVATION UNIT IN THE PANTANAL	RE9001	580232	Brazil
Recursos Naturales Tarahumara: A Community Network	PD9106-03	588130	Mexico
Reforestación para la Recuperación de Areas Degradadas en la Reserva Especial de la Biosfera Mariposa Monarca		407010	Mexico
Regional Field Training on Biodiversity and Environmental Impact Assessment	TR9305	580355	Uganda
REPRESENTACOES E USOS DO MEIO AMBIENTE A DE SUA DIVERSIDADE NA MEDICINA TRADICIONAL DOS SATERE-MAWE		583712	Brazil
RESEARCH IN HORTON PLANS NATIONAL PARK	RE9001	580232	Sri Lanka
RESEEDING OF SELECTIVELY LOGGED RAINFORESTS BY BUFFER ZONES: A CASE STUDY OF LOGGING OPERATION IN PNG	RE9001	580232	PNG
Resource Harvesting Policies and Practices in the Bangladesh Sunderbans and its Impact on the Conservation of Biodiversity		583716	Bangladesh
RESOURCE USE BY GADDI PASTORALISTS OF THE INDIAN HIMALAYA: IMPLICATIONS FOR THE CONSERVATION OF HIMALAYAN BIOLOGICAL DIVERSITY		583736	India
RESTORATION OF A THREATENED TREE FLORA IN THE BRAGANTINA REGION, PAR, BRAZIL: LOW-COST ENRICHMENT OF SECONDARY FORESTS BY SMALL-HOLDERS		583740	Brazil
RESTORATION OF ABANDONED AGRICULTURAL LAND IN THE LOWLANDS OF CHOCO	RE9001	580232	Colombia
RESTORATION OF EASTERN PACIFIC CORAL REEFS (COSTA RICA, PANAMA, COLOMBIA): AN APPROACH TO MAINTAIN REGIONAL BIODIVERSITY	RE9001	580232	Panama

Note: Research Grant titles appear in SMALL CAPS.

<u>Project Title</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
Restoring Agricultural Productivity on Degraded Amazonian	PD9002-09	582280	Brazil
Restoring Agricultural Productivity. WHRC III	PD9002-11	582610	Brazil
ROLE OF WILD BIOLOGICAL RESOURCES IN ECONOMIC DEVELOPMENT OF RURAL SOCIETIES		583719	India
Rwanda Biodiversity Assessment	TA9301	580151	Rwanda
S&T Global Climate Change	PD9002	582200	Various
SEA TURTLE RESEARCH AND PROTECTION PROGRAM: BASTIMENTOS ISLAND NATIONAL MARINE PARK	RE9001	580232	Panama
SEA TURTLES AND THE CONSERVATION OF BIODIVERSITY IN COSTA RICA: A LOGICAL SOLUTION	RE9001	580232	Costa Rica
Senior Advisor, PHPA, Indonesia	PD8904-01	581410	Indonesia
Setting Geographic Biodiversity Conservation Priorities	TA9403	401020	Various
Setting Priorities for Biodiversity	IN9005	580424	Various
SI's Wildlife Conservation and Management Course	TR9004	580324	General
SILVICULTURA EXPERIMENTAL PARA LA RECUPERACION DEL BOSQUE MADURO TROPICAL: ESTACION BIOLOGICA JATUN SACHA, ECUADOR		583730	Ecuador
SMALL MAMMAL CONSERVATION IN THE PUNA AREA OF BOLIVIA AND ARGENTINA	RE9101	580242	Argentina
SOCIAL CONSTRAINTS IN COMMUNITY FORESTRY: A CASE STUDY OF IRINGA RURAL DISTRICT	RE9101	580242	Tanzania
South Pacific Short-term Assistance	TA9103	580138	S. Pacific
Southern Madagascar	PD8902	581600	Madagascar
Southern Province Park Planning	TA9001	580121	Guiné Bissau
SPATIAL AND TEMPORAL DIVERSITY OF CORAL AND ALGAL COMMUNITIES OF SW SRI LANKA	RE9101	580242	Sri Lanka
Speaker for GCC Conference	PD8901-11	581070	Asia
SPECIES DIVERSITY AND GENETIC VARIATION OF PLANTS GROWING IN GARDENS OF CHIBCHAN AMERINDIANS LIVING IN COSTA RICA. A MODEL FOR <i>IN SITU</i> CONSERVATION OF BIOLOGICAL DIVERSITY		583707	Costa Rica
Sponsorship of Two Participants to IV World Parks Congress	IN9202	580445	Various

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Title</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
Steve Lisansky/IUCN Report: Biodiversity Funding Mechanisms	IN8904	580414	General
Strategic Proposal Design Workshop	TR9002	580322	Nepal
Strategic Proposal Design Workshop	TR9201-01	580343	Mexico
Strategic Proposal Design Workshop/Costa Rica	TR9005-04	580334	Costa Rica
Strategic Proposal Design Workshop/Jamaica	TR9005-03	580333	Jamaica
Strengthening of NGO Participation in Nature Protection in the Czech and Slovak Republics	PD9105-02	590020	Czech & Slovak Republics
STUDY OF THE NURSERY ZONES IN THE NEARSHORE ENVIRONMENT OF THE NORTH BASIN OF LAKE TANGANYIKA	RE9001	580232	Burundi
Study of the Usage of Plant Species for Multiple Usage in the Biosphere Reserve of the Baoule Belt		584045	Mali
STUDY OF TRADITIONAL CONSERVATION OF BIODIVERSITY (SACRED GROVES)	RE9001	580232	Ghana
Study Tour Component of the Indonesia Biodiversity Program		582820	Indonesia
Study Tours - Fundación VIDA		588540	Honduras
SUBIR Project Technical Assistance	TA9104	580145	Ecuador
SUPPLEMENTARY FUNDING FOR THE IMPLEMENTATION OF THE ESTACAO ECOLOGICA DO LAGO MAMIRAUÁ IN THE FLOODED FORESTS OF THE UPPER AMAZON	RE9001	580232	Brazil
SUPPORT FOR LAND USE PLANNING OF ZAMBIA'S WILDLANDS NATIONAL PARKS AND WILDLIFE SERVICES OF ZAMBIA	RE9101	580242	Zambia
Support to the Marie Selby Botanical Garden for Participants in the "Forest Canopies: Ecology, Biodiversity and Conservation" Conference	IN9308	580459	Various
SUSTAINABLE SILVICULTURE AT THE "PLAN PILOTO FORESTAL" IN QUINTANA ROO	RE9101	580242	Mexico
Symposium "Can Nuts Save the Rainforest"	IN9204	580447	Various
Tangkoko Nature Reserve Public Awareness Campaign	TA9201	580142	Indonesia

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Title</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
Technical Assistance and Feasibility Study for Debt-for-Nature Swap	PD9105-03	590030	Bulgaria
Technical Assistance Component of the Indonesia Biodiversity Program		582830	Indonesia
Technical Assistance to Thailand	PD8901-14	581002	Thailand
Technical Assistance to Fundación VIDA	PD9208	588500	Honduras
Technical Assistance USAID/India	TA9401	401000	India
Technical Assistance UNICORS		407420	Haiti
THE BIODIVERSITY INVENTORY OF THE PODOCARPUS FOREST "EL CHAUPE" & THE TABACONAS/NAMBALLE SANCTUARY IN THE REGION NOR MARAÑON		583742	Peru
THE DIVERSITY, ECOLOGY, ECONOMIC VALUES AND CURRENT MANAGEMENT OF NATIVE MANGOS OF SOUTH SULAWESI, INDONESIA		583741	Indonesia
THE ECONOMIC IMPLICATIONS OF BIODIVERSITY PROTECTION IN MADAGASCAR	RE9101	580242	Madagascar
THE ECONOMICS OF AGRICULTURAL LAND CLEARING IN LOWLAND ECUADOR	RE9001	580232	Ecuador
The Effect of Land Restoration Practices on Biodiversity in the Argentine Chaco		583708	Argentina
THE EFFECTS OF SELECTIVE LOGGING ON DIPTEROCARP FOREST REGENERATION AND DIPTEROCARP SEED PREDATORS IN KALIMANTAN	RE9001	580232	Indonesia
THE HUANCHACO EXTRACTIVE RESERVE: INTEGRATING ENVIRONMENTAL PROTECTION AND SUSTAINABLE DEVELOPMENT IN PERU		583710	Peru
THE INFLUENCE OF GRACILARIA CHILENSIS CULTIVATION ON THE BENTHIC MACROFAUNAL COMMUNITY IN THE MAULLIN ESTUARY	RE9001	580232	Chile
THE IMPACT OF DIFFERENT FISHING TECHNIQUES ON THE MAINTENANCE OF BIOLOGICAL DIVERSITY OF INSHORE AND PELAGIC FISHES OF LAKE TANGANYIKA	RE9001	580232	Tanzania
The Impact of Land Tenure Changes and Land Use Practices on Biodiversity in Nigeria		584036	Nigeria

Note: Research Grant titles appear in SMALL CAPS.

<u>Project Title</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
THE IMPACTS OF DIFFERENT SYSTEMS OF PRODUCTION ON THE BIODIVERSITY OF GUATEMALA'S SEMIARID REGIONS	RE9001	580232	Guatemala
THE IMPLEMENTATION OF A LONG-TERM MONITORING PROJECT OF AMPHIBIAN POPULATION IN PANAMA	RE9101	580242	Panama
THE IMPORTANCE OF FOREST FRAGMENTS TO THE MAINTENANCE OF REGIONAL Biodiversity Surrounding a Tropical Reserve	RE9001	580232	Costa Rica
THE INVOLVEMENT OF WOMEN IN THE CONSERVATION OF BIODIVERSITY IN TROPICAL RAIN FOREST ZONE OF NIGERIA		583728	Nigeria
THE KIBIRA CHIMPANZEE PROJECT	RE9101	580242	Burundi
THE ROLE OF INDIGENOUS WOMEN IN THE REPRODUCTION OF PLANT CULTIVARS IN THE COLOMBIAN AMAZON	RE9101	580242	Colombia
THE ROLE OF SEED PREDATION AND HERBIVORY ON FOREST REGENERATION AND COMMUNITY COMPOSITION IN THE KIBALE FOREST RESERVE	RE9101	580242	Uganda
The Use of Time-Series Satellite Data for Characterizing and Monitoring the Seasonal Forests and Savannas of Central Africa		585045	Central Africa
TNC South Pacific CDC Development	PD8904-02	581420	S. Pacific
TNC Technical Assistance - Fundación VIDA	PD9208-06	588560	Honduras
To Develop a Program to Inventory Wood Used for Charcoal Production in Zambia to Provide Estimates of Emissions of Greenhouse Gases and Particulate Matter on a Dynamic Basis		585042	Zambia
To Study the Zairian Tropical Forest Evolution Through the Mapping of the Vegetation Types and Understanding the Local Factors of Change		585047	Zaire
TRADITIONAL UTILIZATION OF THE RETICULATED GIRAFFE BY THE OROMO PEOPLES OF NORTHERN KENYA: CURRENT CONSERVATION STATUS AND PROPOSALS FOR ITS PROTECTION	RE9001	580232	Kenya
Training Workshop	TR9005-06	580336	Columbia
Tropinet Newsletter	IN9009	580426	Various
U.S. Study Tours	PD8901-01	581010	Asia

**Note: Research Grant titles appear in SMALL CAPS.**

<u>Project Title</u>	<u>Project Number</u>	<u>Activity Number</u>	<u>Country</u>
UNCED - UN Conference on Environment and Dev.	IN9206	580444	Various
UNCED - Support for Conference Participants	IN9206	582090	Various
USAID Biodiversity Portfolio for Africa	TA9007	580136	Africa
USAID Regional Conference/Sri Lanka	PD9101-01	586020	Asia
UTILIZATION OF BIODIVERSITY BY A THREATENED FORAGING SOCIETY - GUAJA INDIANS, MARANHAO	RE9001	580232	Brazil
VALUATION OF THE NON-PRICED AMENITIES PROVIDED BY THE BIOLOGICAL RESOURCES WITHIN THE MONTEVERDE CLOUD FOREST PRESERVE	RE9001	580232	Costa Rica
VERTEBRATE FAUNAL INVENTORY AND HUMAN ECOLOGY IN THE RIO PLATANO BIOSPHERE RESERVE	RE9001	580232	Honduras
VICUNA MANAGEMENT BY COMMUNITIES ON THE BOLIVIAN ALTIPLANO	RE9001	580232	Bolivia
WCI Cloud Forests/Ecuador	PD8905-02	581220	Ecuador
WCI Conservation Assessment	TA9009	580134	The Congo
WFT Small Grants Program and Institution Strengthening	PD8901-05	581050	Thailand
WHRC: Restoring Agricultural Productivity on Degraded	PD9002-04	582240	Brazil
WID Proposal (Opportunities)	PD9005-01	582060	Various
Women and Biodiversity Conference	IN9010	580437	Various
Women In Development Supplemental Support	IN9208	580446	Various
World Bank Regional Meeting on Biodiversity	IN9004	580423	Thailand
WRI Investment Survey for 1987	IN8902	580413	General
WRI Investment Survey for 1989	IN9008	580425	Various
WRI/WCMC Biodiversity '92/Expanded Investments Survey	IN9103	580435	Various
WWF Amazon Forest Management and Policy	PD9002-02	582220	Brazil
WWF Technical Assistance - Fundación VIDA	PD9208-05	588550	Honduras
YOU CAN GROW A FOREST IN THE SEA BY ECOLOGICAL METHOD: COMMUNITY PARTICIPATION AND DEVELOPMENT PROJECT		583717	Kenya

401000  
REVISION DATE: 05/12/95

STATUS: Ongoing

TITLE: Technical Assistance to USAID/India

TYPE OF ACTIVITY:  
PRIMARY Institutional Support

FUNDING: \$14,718.32 (R&D/ENR)

START DATE: 11/01/93

END DATE: 03/30/95

PRIMARY IMPLEMENTOR: BSP

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s):

CONTACT: BSP: Janis Alcorn 202-861-8313, fax:  
202-861-8324

PROGRAM OFFICER: Janis Alcorn

REGION: Asia, INDIA, Various

BIOME: Non-specific

PURPOSE: To assist USAID/India in developing a new Environmental Strategy.

DESCRIPTION: Program Manager for Asia Janis Alcorn served as the biodiversity specialist on the EP3 RCG/Hagler Bailly team which assisted USAID/India in developing a new Environmental Strategy.

SIGNIFICANCE: The activity fulfills BSP's mandate to help improve the capacity of non-government and government institutions in identifying critical needs for and economic potential of conservation and wise management of biological resources.

TECHNICAL REPORTS or PUBLICATIONS: Environmental Strategy

OTHER OUTPUTS:

401000

REVISION DATE: 05/12/95

UPDATE: During the reporting period, Asia and Pacific Program Director Dr. Janis Alcorn traveled to India to provide technical assistance to USAID/India's Plant Genetic Resource project.

401010  
REVISION DATE: 05/15/95

STATUS: Ongoing

TITLE: Planning for National Biodiversity  
Strategy - Uruguay

TYPE OF ACTIVITY:  
PRIMARY Biodiversity Planning/Needs Assessment

FUNDING: \$10,000.00 (R&D/ENR)

START DATE: 04/01/94

END DATE: 09/30/95

PRIMARY IMPLEMENTOR: Biodiversity Support Program

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s): Dirección National de Medio  
Ambiente/Uruguay (DINAMA), World  
Resources Institute, Comision Nacional  
de Medio Ambiente/Chile

CONTACT: BSP: Meg Symington, 202-778-9727, fax  
202-293-9211

PROGRAM OFFICER: Meg Symington

REGION: LAC, Uruguay, Various

BIOME: Non-specific

PURPOSE: To provide technical assistance to the Ministry of Environment in Uruguay in planning and carrying out a multi-sectoral and multi-institutional workshop to begin the planning and development process for Uruguay's National Biodiversity Strategy as required under the terms of the Biodiversity Convention.

DESCRIPTION: Article 6 of the International Biodiversity Convention says that "countries will elaborate strategies, plans, or national programs focussed conservation and sustainable use of biological diversity." These strategies should be elaborated within a framework that is multidisciplinary, multisectoral and

participatory. With Uruguay, which has already ratified the Convention, the Environmental Directorate (DINAMA) of the Ministry of Housing, Land Use Planning, and Environment (MVOTMA) is the authority charged with implementation of the Convention. DINAMA first contacted BSP in December 1993 to ask for assistance in planning and organizing a seminar/workshop to begin the National Biodiversity Planning process.

Representatives from eight government ministries, four faculties of the national university, the Botanical Garden, three NGOs, UNESCO and the US Peace Corps participated in the three-day meeting, which was held in Montevideo. External collaborators included Kenton Miller and Aaron Zazueta from WRI, and Consuelo Munoz from CONAMA/Chile, as well as Meg Symington from BSP. The first day was spent introducing the theme with talks by Kenton Miller on the Biodiversity Convention and National Biodiversity Strategy planning processes, and Meg Symington on setting biodiversity conservation priorities. The second two days were spent developing as a group, with expert facilitation by Aaron Zazueta, the priority areas to be addressed in Uruguay's national strategy, and how the strategy would fit within the national policy context.

By the end of the workshop, participants had identified five priority goals that need to be addressed within the context of Uruguay's National Biodiversity Strategy. There are:

- 1) Expand, systematize and disseminate our knowledge of Uruguay's biological diversity.
- 2) Establish guidelines for the management of Uruguay's biological diversity with broad participation from and coordination with all relevant stakeholders.
- 3) Promote environmental education at all levels within Uruguayan society.
- 4) Develop an adequate legal framework, with technical, political and popular support for effective implementation.
- 5) Coordinate and cooperate regionally in the management of shared biological resources.

DINAMA would like to have continued technical and financial support from BSP as their National Biodiversity Strategy process moves forward.

**SIGNIFICANCE:** This activity contributes directly to the Global Bureau's strategic objective to promote the improved management, sustainable use and conservation of natural resources.

**TECHNICAL REPORTS or PUBLICATIONS:**

**OTHER OUTPUTS:**

**UPDATE:** With the funds remaining in this activity, BSP plans to contract a consultant to assist DINAMA in the design and development of Uruguay's National Biodiversity Strategy. This

401010

REVISION DATE: 05/15/95

consultant will travel to Uruguay to work with DINAMA in June 1995.

404010  
REVISION DATE: 05/10/95

STATUS: Ongoing

TITLE: BSP Seminar Series 1994

TYPE OF ACTIVITY:  
PRIMARY Education/Public Awareness

FUNDING: \$6,000.00 (R&D/ENR)

START DATE: 10/01/94

END DATE: 09/30/95

PRIMARY IMPLEMENTOR: BSP

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s):

CONTACT: BSP: Janis Alcorn, 202-861-8313, fax  
202-861-8324; Kathy Saterson  
202-861-8330

PROGRAM OFFICER: Janis Alcorn

REGION: Various, Various, Various

BIOME: Non-specific

PURPOSE: To provide a forum for international scholars,  
government officials, resource managers and the public to discuss  
biodiversity issues and concerns.

DESCRIPTION: BSP hosts a monthly seminar series on current issues  
related to biodiversity, conservation, and sustainable  
development. The seminars are presented by guest speakers.  
Invitations are sent out to 350 organizations and individuals in  
the Washington, D.C. area and attendance averages approximately  
90 people at each event.

SIGNIFICANCE: The seminars have been a very effective tool for  
educating the public and key players in the conservation  
community about current biodiversity conservation topics.  
Seminars also serve a public relations and publicity function for

404010

REVISION DATE: 05/10/95

BSP, as these are attended by a broad audience due to interesting presentations.

TECHNICAL REPORTS or PUBLICATIONS:

OTHER OUTPUTS:

UPDATE: The following seminars were conducted over the last reporting period: "Integrating Biodiversity Conservation and Human Needs: Highlights from the Biodiversity Support Program", by BSP staff, including Kathryn Saterson, Janis Alcorn, Meg Symington, Kate Newman and Hank Cauley; and "Beyond global warming and the loss of biodiversity: ecological and global change" by Peter M. Vitousek.

STATUS: Ongoing  
TITLE: Information Networking, General  
TYPE OF ACTIVITY:  
PRIMARY Education/Public Awareness  
FUNDING: \$6,000.00 (R&D/ENR)  
START DATE: 10/01/93  
END DATE: 09/30/94  
PRIMARY IMPLEMENTOR: BSP  
PRIMARY IMPLEMENTOR TYPE: International NGO  
OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s):

CONTACT: BSP: Janis Alcorn 202-861-8313, fax  
202-861-8324; Kathy Saterson  
202-861-8330

PROGRAM OFFICER: Janis Alcorn

REGION: Various, Various, Various

BIOME: Non-specific

PURPOSE: 1) To hold outreach events that inform other conservation colleagues of BSP's work and activities, and to provide a forum for others to share biodiversity activities that they implement. 2) To disseminate important biodiversity conservation materials to colleagues in the field. 3) To develop and maintain a resource room that will provide BSP staff, consultants, consortium staff, AID, and others access to important conservation of biodiversity conservation materials.

DESCRIPTION: Funds are used to sponsor round tables, workshops, and community fora that provide information on biodiversity conservation.

BSP purchases and disseminates books, journals, and other important biodiversity conservation materials to colleagues in the field. BSP maintains a resource room that provides BSP

404020

REVISION DATE: 05/12/95

staff, consultants, consortium staff, AID and others access to biodiversity conservation materials. BSP also makes copies of these materials available to colleagues in the field.

**SIGNIFICANCE:** This activity fulfills BSP's objective of disseminating and sharing information regarding successful and innovative conservation techniques and programs to field-practioners, donors, and others.

**TECHNICAL REPORTS or PUBLICATIONS:**

**OTHER OUTPUTS:**

**UPDATE:** Selected Brown Bag presentations organized by BSP include: "Re-establishing the link between rural women and forest biodiversity in Kenya" by Gascheke Simons, a BSP research grant recipient from Kenya and "Mafia Island Case Study and An Overview of Costal Zone Management in East Africa" by Dr. Magnus Ngoile. BSP sent copies of the Tok Pisin and English language synopsis of the Conservation Needs Assessment for Papua New Guinea to the central and 20 provincial administration offices of the Papua New Guinea Education Department for dissemination to local schools.

404040  
REVISION DATE: 05/12/95

STATUS: Ongoing  
TITLE: BSP Publication Series  
TYPE OF ACTIVITY:  
PRIMARY Education/Public Awareness

FUNDING: \$55,000.00 (R&D/ENR)

START DATE: 10/01/94

END DATE: 09/30/95

PRIMARY IMPLEMENTOR: BSP

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s):

CONTACT: BSP: Janis Alcorn, 202-861-8313, fax  
202-861-8324; Kathy Saterson,  
202-861-8330

PROGRAM OFFICER: Janis Alcorn

REGION: Various, Various, Various

BIOME: Non-specific

PURPOSE: To disseminate lessons learned in the field of conservation biology to international and domestic conservation and development practitioners, AID and other donors.

DESCRIPTION: BSP selects topics for publication that meet the following criteria: presents priorities outlined in BSP's Strategy Statement; highlights results of BSP's own analyses and studies and/or focuses on efforts related to BSP's implementation activities; presents lessons or methods to complement similar efforts; presents innovative, "cutting edge" analyses that make a contribution to the field; aims to fill a niche unmet by other publications; and aims to increase awareness of AID staff and implementing organizations.

SIGNIFICANCE: The publication series addresses one of BSP's

404040

REVISION DATE: 05/12/95

strategic goals: to increase understanding and successful practice of innovative conservation techniques and programs.

TECHNICAL REPORTS or PUBLICATIONS:

OTHER OUTPUTS:

UPDATE: Since the last reporting period, BSP printed in Spanish and reprinted in English the popular "Designing Integrated Conservation and Development Projects" by Michael Brown and Barbara Wyckoff-Baird. "Sustainable Harvest of Non-timber Plant Resources in Tropical Moist Forest: An Ecological Primer" by Dr. Charles Peters of the New York Botanical Garden was published in English and is now being translated into Spanish and Indonesian. The World Conservation Union (IUCN) was contracted to develop a "Social Sustainability" primer as a companion piece to the non-timber plant resources booklet through a collaborative network process involving BSP, IUCN, WWF-US, PVO-NGO-NRMs and World Bank.

404050

REVISION DATE: 05/12/95

STATUS: Completed

TITLE: BSP Research Symposium at the IV  
International Congress of Ethnobiology,  
1994

TYPE OF ACTIVITY:  
PRIMARY Education/Public Awareness

FUNDING: \$20,000.00 (R&D/ENR)

START DATE: 02/01/94

END DATE: 01/31/95

PRIMARY IMPLEMENTOR: BSP

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s): International Society of Ethnobiology

CONTACT: BSP: Janis Alcorn 202-861-8313, fax  
202-861-8324; Ilana Locker,  
202-778-9793, fax 202-861-8324

PROGRAM OFFICER: Janis Alcorn

REGION: Asia, India, Lucknow

BIOME: Various

PURPOSE: To provide a forum for six of BSP's research grantees working on ethnobiological topics to present their research findings to colleagues at the IV International Congress on Ethnobiology. This Congress took place in Lucknow, India from November 17-21, 1994.

DESCRIPTION: In an effort to assist some of BSP's research grantees to disseminate the findings of their research projects, BSP supported the attendance of 6 grantees at the IV International Congress of Ethnobiology. The 6 grantees made their presentations during a half-day BSP symposium entitled, "Indigenous Societies and the Conservation of Biodiversity: A

404050

REVISION DATE: 05/12/95

Global Perspective." This symposium took place on the first day of the Congress, November 17, 1994.

In addition to airfares, support was provided for the registration, meals and lodging expenses of the 6 grantees.

**SIGNIFICANCE:** The half-day symposium offered a unique opportunity for BSP's grantees, who might not normally have access to such an audience, to present their findings. This was also an excellent chance for the individual investigators to network with colleagues who may be working on similar issues and dealing with comparable problems in other parts of the world. Finally, this half-day symposium provided BSP with a vehicle to publicize to ethnobiologists and other professionals attending the Congress its activities that integrate ethnobiology and conservation.

**TECHNICAL REPORTS or PUBLICATIONS:** The abstracts and presentations will most likely be published by the Congress organizers.

**OTHER OUTPUTS:**

**UPDATE:** The BSP symposium took place as planned on November 17, 1994 at the IV International Congress of Ethnobiology. The symposium went well and BSP's grantees appreciated being given the opportunity to present the results of their research and to interact with specialists in ethnobiology.

405000

REVISION DATE: 06/07/95

STATUS: Ongoing  
TITLE: PARCS II  
TYPE OF ACTIVITY:  
PRIMARY Training  
FUNDING: \$638,000.00 (AFR Bureau)  
START DATE: 10/01/93  
END DATE: 09/01/94  
PRIMARY IMPLEMENTOR: Biodiversity Support Program  
PRIMARY IMPLEMENTOR TYPE:

OTHER IMPLEMENTOR (s):

1. African Wildlife Foundation
2. Wildlife Conservation Society
3. World Wildlife Fund

OTHER IMPLEMENTOR TYPE (s):

1. International NGO
2. International NGO
3. International NGO

COLLABORATOR (s): National governments; protected area managers; African, U.S., and European NGOs in the field; and USAID missions.

CONTACT: Barbara Pitkin (202) 861 - 8338

PROGRAM OFFICER: Barbara Pitkin

REGION: Africa, Various, Various

BIOME: Various

PURPOSE: The PARCS project seeks to improve the protection of Africa's biodiversity by expanding the capacity of relevant natural resource management authorities to effectively manage their protected area systems. The project's goal is to accomplish this by increasing the number of well-trained protected area managers and the capacity of natural resource management authorities to appropriately train their staff.

405000

REVISION DATE: 06/07/95

**DESCRIPTION:** During the first year of the project (Phase I), an in-depth assessment of the training opportunities, constraints, needs, skill levels, and priorities in the three selected regions of sub-Saharan Africa (east, southern and central) was completed. The findings in Phase I will provide the basis for the implementation of pilot training activities in Phase II of the PARCS project (October 1993 to October 1996). Phase II activities consist of: (i) dissemination of the findings of Phase I throughout central, southern, and eastern Africa; (ii) development of in-country training plans and processes in selected countries; (iii) field testing of innovative training techniques; (iv) cross-regional workshops to exchange experiences with training and develop improved training methods; and (v) production and dissemination of a manual that will document field-tested training techniques.

**SIGNIFICANCE:** Africa's system of national parks and protected areas constitutes one of the most important safeguards of the continent's extraordinarily rich biological diversity. At present, however, the continent suffers a critical lack of training opportunities to enable staff to design and implement effective conservation management programs. In recent years, the effects of this lack in training opportunities have become more serious due to the increasing complexity of protected area operations and management. PARCS Phase II will use a participatory approach to research and test appropriate techniques for training that are directly applicable to the daily demands of managing a protected area. The process will also result in the development of plans and processes for building capacity within the appropriate institutions to provide professional development to their personnel.

**TECHNICAL REPORTS or PUBLICATIONS:** As an outcome of Phase II activities, a manual will be produced that documents how training plans and processes can be initiated and implemented. Another expected output of Phase II will be a series of documents that detail the field-tested training techniques.

**OTHER OUTPUTS:** i) Improved capacity among project participants to seek and find innovative solutions to their training needs; ii) In-country training plans developed or strengthened with improved implementation; iii) Linkages among existing training institutions and other organizations to improve training of field-based staff; iv) Regional and cross-regional networks of protected area management professionals to share experiences and approaches, strengthen country training programs and develop regional programs where appropriate; and v) Broad series of recommendations for training protected area management staff.

405000

REVISION DATE: 06/07/95

UPDATE: The College of African Wildlife Management at Mweka held a workshop in September 1994 for training officers in the Tanzania Wildlife Division, Tanzania National Parks, and Ngorongoro Conservation Area Authority to develop a strategy for in-service training in Tanzania and to further a collaborative relationship among key players in PARCS/Tanzania activities. A legal handbook for protected area managers was developed for Congo; plans are underway to adapt this handbook for the Cameroonian context. In Congo, plans are underway for the August 1995 cross-regional workshop which will focus on the development of training programs and will draw on participant experiences with training methods, techniques for adult learning, and monitoring and evaluation. PARCS is now collaborating with the European Union on key aspects of institutional development for Uganda's new protected area authority. The College of African Wildlife Management at Mweka ran its first in-service course for Tanzanian protected area managers entitled "Human Resources Management for Protected Areas." In May 1995, a two-week workshop on management and research was conducted for central African protected area managers using PARCS and ECOFAC funding; a draft of a research and management manual developed under PARCS was tested at this workshop. In Malawi, a workshop on management was conducted in collaboration with the Malawi Institute of Management.

405500

REVISION DATE: 06/07/95

STATUS: Ongoing

TITLE: Behaviors in Conservation II

TYPE OF ACTIVITY:  
PRIMARY Education/Public Awareness

FUNDING: \$250,000.00 (AFR Bureau)

START DATE: 10/01/93

END DATE: 09/01/94

PRIMARY IMPLEMENTOR: Biodiversity Support Program

PRIMARY IMPLEMENTOR TYPE:

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s): U.S. education institutions; African, U.S., and European NGOs in the field; USAID missions that have implemented conservation education programs.

CONTACT: Barbara Pitkin (202) 861 - 8338

PROGRAM OFFICER: Barbara Pitkin

REGION: Africa, Various, Various

BIOME: Various

PURPOSE: The long-term objective of this analysis is to understand the process of behavior and behavior change in order to design and implement more effective conservation and natural resource management programs.

DESCRIPTION: In Year One, we began to:

(i) Assess the present state of knowledge on attitudes and activity change in general, and in Africa in particular.

(ii) Identify and examine practical methods for understanding attitudes and activity change.

(iii) Identify past and ongoing efforts in conservation education in Africa and make a preliminary analysis of their impact on both local level activity change and policy level.

decision making.

In Year Two, we will:

- (i) Complete the above activities.
- (ii) Design and implement a series of case studies examining factors related to (a) policy changes among senior level decision makers and (b) changes in the activities of local people. One of the case studies will involve a longer term analysis of the impact of a selected conservation education project.
- (iii) Facilitate the exchange of information among people working on related issues in Africa.
- (iv) Provide recommendations for continued analysis and dissemination of results.

**SIGNIFICANCE:** An analysis of the factors that determine the decision making process, including cultural, spiritual and geographic factors, is key to designing, implementing and monitoring effective conservation and/or development projects. Understanding how people are motivated to modify their practices is essential for ensuring long-term change through project activities.

**TECHNICAL REPORTS or PUBLICATIONS:** The analysis in Year Two will result in:

- \* Progress report from Year Two, summarizing findings from the case studies;
- \* A final database of relevant literature;
- \* A final database of conservation education activities in Africa
- \* A summary document describing approaches to understanding attitudes, and the impact of conservation education and other efforts targeted at changing practices.

**OTHER OUTPUTS:** Increased information exchange among people in Africa working on related topics.

**UPDATE:** The draft report, "Understanding and Addressing the Human Dimensions of Conservation and Natural Resources Management: A Behavior-Centered, Participatory Approach for Practitioners," was distributed to 80 reviewers in the U.S. and Africa. Approximately 40 of those reviewers submitted written or oral comments. A series of one-on-one interviews were conducted with reviewers in the DC area. A one-day workshop of 15 selected reviewers was held on April 25, 1995. The text is now being revised in light of the comments received. Presentations on the project were made at World Wildlife Fund; the NAAEE training of environmental educators at Front Royal, Virginia; and at monthly

405500

REVISION DATE: 06/07/95

meetings at USAID for the ad hoc working group on environmental education and communication in Africa.

406000

REVISION DATE: 05/12/95

STATUS: Ongoing  
TITLE: Asia II  
TYPE OF ACTIVITY:  
PRIMARY Various  
FUNDING: \$1,065,000.00 (Asia Bureau)  
START DATE: 09/01/93  
END DATE: 09/01/98  
PRIMARY IMPLEMENTOR: BSP  
PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):  
1. Various

OTHER IMPLEMENTOR TYPE (s):  
1. Various

COLLABORATOR (s):

CONTACT: BSP: Janis Alcorn 202-861-8313, Stephen  
Kelleher 202-778-9681, fax: 202-861-8324;  
AID/W: Molly Kux 202-647-9875, fax  
202-647-7368

PROGRAM OFFICER: Janis Alcorn

REGION: Asia, Various, Various

BIOME: Non-specific

PURPOSE: Working in consultation with the ASIA Bureau, BSP has programmed this buy-in to strengthen the consortium's efforts and capabilities to conserve biological diversity in the region, while contributing useful information and assistance to the Bureau and A.I.D. Missions in Asia and the Pacific. Together, this information and assistance will enhance the ability of host-countries, their governments and private organizations, to discern and act on the problems and opportunities for biological conservation in their own settings.

DESCRIPTION: This buy-in has three major components: planning and

406000

REVISION DATE: 05/12/95

analysis, short-term technical assistance and a regional NGO workshop with specific activities proposed. (See activity summaries). These activities include: (A) the Indonesia Biodiversity Conservation Program, (B) Assessment of Biodiversity Trends and Conservation Needs, (C) the Asian Peoples and Forests Program, (D) the PNG Coastal Resource Management Workshop; (E) Regional Natural Forest Regeneration Policy Dialogue.

**SIGNIFICANCE:** This set of activities provides the opportunity for BSP to assist the AID/Asia Bureau in its conservation of biodiversity. It is a BSP mandate to assist A.I.D. Bureaus in addressing Conservation of Biodiversity issues.

**TECHNICAL REPORTS or PUBLICATIONS:** (A) Case studies, (B) research reports.

**OTHER OUTPUTS:**

**UPDATE:** See specific project descriptions including 406010, 406020, 406021, 582840, 406110, 406120, 406130.

406010  
REVISION DATE: 05/12/95

STATUS: Ongoing

TITLE: Indonesia Biodiversity Conservation  
Program Phase II

TYPE OF ACTIVITY:  
PRIMARY Institutional Support  
SECONDARY Proposal Design/Development

FUNDING: \$420,000.00 (Asia Bureau)

START DATE: 08/01/93

END DATE: 08/30/95

PRIMARY IMPLEMENTOR: BSP

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):  
1. Yayasan Pelangi Indonesia

OTHER IMPLEMENTOR TYPE (s):  
1. NGO

COLLABORATOR (s):

CONTACT: BSP: Janis Alcorn, 202-861-8313, fax  
202-861-8324; Stephen Kelleher  
202-778-9681, fax 202-861-8324

PROGRAM OFFICER: Janis Alcorn

REGION: Asia, Asia, Various

BIOME: Non-specific

PURPOSE: To assist the Indonesia Biodiversity Conservation  
Founders Group and USAID/Indonesia to establish the Indonesian  
Biodiversity Foundation. The Foundation will address  
biodiversity issues of geographic regions that are not being  
addressed by any existing institution.

DESCRIPTION: The Asia Bureau follow-on assistance will complement  
initial funding provided for the Indonesia Biodiversity  
Conservation Foundation. The project will have three major  
components: background analyses exploring the appropriate design  
of the foundation; assistance in establishing the actual

406010

REVISION DATE: 05/12/95

foundation and study tours.

**SIGNIFICANCE:** The activity fulfills BSP's mandate to help improve the capacities of non-government and government institutions in identifying critical needs for an economic potential of conservation and wise management of biological resources.

**TECHNICAL REPORTS or PUBLICATIONS:** Team reports, quarterly technical reports from Pelangi Indonesia.

**OTHER OUTPUTS:**

**UPDATE:** See activities 406021, 582830, 582840 for specific activities and updates.

406021

REVISION DATE: 05/12/95

**STATUS:** Completed

**TITLE:** Indonesia Biodiversity Conservation Foundation Start-up

**TYPE OF ACTIVITY:**  
PRIMARY Institutional Support

**FUNDING:** \$176,183.00 (Asia Bureau)

**START DATE:** 08/01/93

**END DATE:** 12/30/94

**PRIMARY IMPLEMENTOR:** Yayasan Pelangi Indonesia

**PRIMARY IMPLEMENTOR TYPE:** NGO

**OTHER IMPLEMENTOR (s):**

**OTHER IMPLEMENTOR TYPE (s):**

**COLLABORATOR (s):**

**CONTACT:** BSP: Janis Alcorn 202-861-8313, fax 202-861-8324; Stephen Kelleher 202-778-9681, fax 202-861-8324; Pelangi: Wiku Adminisamito 62-21-571-9360, fax 62-21-573-2503

**PROGRAM OFFICER:** Stephen Kelleher

**REGION:** Asia, INDONESIA, Various

**BIOME:** Non-specific

**PURPOSE:** To assist the Indonesia Biodiversity Conservation Founders Group to establish the Indonesian Biodiversity Foundation as a legal entity, and to design and implement policies and administrative guidelines for the functioning of the foundation.

**DESCRIPTION:** Working in collaboration with BSP, USAID/Jakarta, and the BSP-supported technical resource team and other expert advisors, Yayasan Pelangi was awarded a grant to assist in the development of a stand-alone Foundation for Biological Diversity Conservation. Pelangi arranged local technical assistance to help develop the Foundation. These experts assisted the Founders

406021

REVISION DATE: 05/12/95

Group and Board of Trustees and Directors to design policies and administrative guidelines for the establishment of the Foundation. Among the expected outputs of the activity are the establishment of the Foundation as a legal entity; the development of the roles and responsibilities of the Board of Directors, Board of Trustees, and staff of the Foundation; the recruitment of the Board of Directors and staff; the creation of a financial management system; recommendations for a grant making program and long-term fund raising strategy.

**SIGNIFICANCE:** The activity fulfills BSP's mandate to help improve the capacity of non-government and government institutions to identify sustainable institutional mechanisms to address the critical needs for the conservation and wise management of biological resources.

**TECHNICAL REPORTS or PUBLICATIONS:**

**OTHER OUTPUTS:**

**UPDATE:** During the reporting period, Yayasan Pelangi's role in the administrative support of the newly established foundation was completely transferred to the foundation's administrative staff. BSP subsequently provided a grant directly to the foundation to support operational activities (see project description #582840). In January Senior Program Officer Stephen Kelleher traveled to Indonesia to discuss with Yayasan Pelangi its final report and the closing down of the project. In its final report Yayasan Pelangi provided an analysis of its experience setting up a foundation including the developing of the mission and goals of the foundation, the roles and responsibilities of the Board of Trustees, the process of hiring staff and selecting the Board of Trustees, development of a financial management system and the lessons learned from the overall experience. All activities under this project are completed.

406100

REVISION DATE: 05/12/95

STATUS: Ongoing

TITLE: Peoples and Forests Program

TYPE OF ACTIVITY:  
PRIMARY Socio-cultural Analysis and Research  
SECONDARY Public Policy

FUNDING: \$915,575.00 (APRE Bureau)

START DATE: 10/01/93

END DATE: 09/30/98

PRIMARY IMPLEMENTOR: BSP

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):

1. Center for Development Programs in the Cordillera,
2. Philippine Association for Intercultural Development, Inc.
3. Environmental Research Division of the Manila Observatory
4. Center for the Support of Native Lands
5. Yayasan PLASMA

OTHER IMPLEMENTOR TYPE (s):

1. NGO
2. NGO
4. NGO
5. NGO

COLLABORATOR (s):

CONTACT: BSP: Janis Alcorn 202-861-8313, fax 202-861-8324; Stephen Kelleher 202-778-9681, fax 202-861-8324

PROGRAM OFFICER: Janis Alcorn

REGION: Asia, Various, Various

BIOME: Non-specific

PURPOSE: To strengthen biodiversity conservation by assessing, developing and promoting ways to secure recognition of indigenous peoples tenure and community-based natural resource planning as a means of protecting forests.

406100

REVISION DATE: 05/12/95

**DESCRIPTION:** The activities of the program will be coordinated with Mission projects in Indonesia and the Philippines, the Asia Bureau-supported Community-based Resource Management & Tenure Project at World Resources Institute, related projects funded by other donors and other existing in-country initiatives. The expected achievements of the program include: identification of potential opportunities for conserving biodiversity by working with indigenous peoples, analysis of biodiversity conservation impacts of indigenous natural resource management systems, identifying and assessing options for enhancing indigenous peoples' forest conservation systems through new technologies; assessment of participatory demarcation and natural resource planning methods appropriate for strengthening community-based tenurial rights and forests management; networking and training workshops to share experiences and knowledge among indigenous groups, NGOs, universities and governments; assistance to local communities and/or NGOs in demarcating perimeters and preparing natural resource management plans in at least four local sites; publication and dissemination of national maps that show the spatial overlap of indigenous peoples and forests and include illustrative local level maps with text describing local and national issues identified by analysis carried out under the Peoples and Forests Program; and policy workshops at national and/or provincial levels.

**SIGNIFICANCE:** The activity fulfills BSP's mandate to help improve the capacity of non-government and government institutions in identifying critical needs for and economic potential of conservation and wise management of biological resources.

**TECHNICAL REPORTS or PUBLICATIONS:**

**OTHER OUTPUTS:** Case studies and natural resource management plans, national and local maps showing the delineation of indigenous peoples' ancestral lands and domains.

**UPDATE:** See activities 406110, 406120, 406130 for specific updates.

406110

REVISION DATE: 05/12/95

STATUS: Ongoing

TITLE: Peoples and Forests Program, Regional  
Projects

TYPE OF ACTIVITY:  
PRIMARY Socio-cultural Analysis and Research  
SECONDARY Public Policy

FUNDING: \$120,000.00 (APRE Bureau)

START DATE: 10/01/93

END DATE: 09/30/98

PRIMARY IMPLEMENTOR: BSP

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):  
1. Center for the Support of Native Lands

OTHER IMPLEMENTOR TYPE (s):  
1. NGO

COLLABORATOR (s):

CONTACT: BSP: Janis Alcorn 202-861-8313, fax  
202-861-8324; Stephen Kelleher  
202-778-9681, fax 202-861-8324

PROGRAM OFFICER: Stephen Kelleher

REGION: Asia, Various, Various

BIOME: Non-specific

PURPOSE: To strengthen biodiversity conservation by assessing, developing and promoting ways to secure recognition of indigenous peoples tenure and community-based natural resource planning as a means of protecting forests in Insular Southeast Asia (Indonesia and the Philippine Islands).

DESCRIPTION: The activities under this element of the Peoples and Forests Program will be coordinated with Mission projects in the Philippines and Indonesia, the Asia Bureau-supported Community-based Resource Management & Tenure Project at World Resources Institute, related projects funded by other donors and

406110

REVISION DATE: 05/12/95

other existing in-country initiatives. Specifically, activities will include short term technical assistance to the Peoples and Forests Program for the development of background materials and inventories of previous community-based demarcation projects and the development of cross-regional networking and training workshops to share experiences and knowledge among indigenous peoples.

**SIGNIFICANCE:** The activity fulfills BSP's mandate to help improve the capacity of non-government and government institutions in identifying critical needs for the economic potential of conservation and wise management of biological resources.

**TECHNICAL REPORTS or PUBLICATIONS:**

**OTHER OUTPUTS:** Case studies of previous projects involved with demarcation of ancestral lands.

**UPDATE:** During the reporting period, Nonette Royo, Peoples and Forests Program's regional coordinator, assisted BSP and the Indonesian NGO SKEPHI to develop a planning meeting in Padang, Sumatra of potential P&F collaborators on Siberut Island, Indonesia, during the reporting period. Participants included Mentarain representatives from Siberut, The Indonesia Forest Department (PHPA) members of the Asian Development Bank technical project team and other Indonesian NGOs. BSP's Director of Asia and Pacific Program, Janis Alcorn and Senior Program Officer Stephen Kelleher traveled to the region to provide technical assistance and oversight to the regional projects. The Center for the Support of Native Lands was contracted to develop a manual of mapping methods to be distributed and discussed during a proposed international methods workshop in Philippines. BSP supported the travel of representatives of P&F Program partners to two workshops 1) the use of Global Positioning Systems in Mindoro, Philippines and 2) UNESCO'S People and Plants Program's Workshop on Ethnobiology in Thailand and China.

406120

REVISION DATE: 05/12/95

STATUS: Ongoing

TITLE: Peoples and Forests Program, Philippines  
Projects

TYPE OF ACTIVITY:  
PRIMARY Socio-cultural Analysis and Research  
SECONDARY Public Policy

FUNDING: \$120,000.00 (APRE Bureau)

START DATE: 10/01/93

END DATE: 09/30/98

PRIMARY IMPLEMENTOR: BSP

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):  
1. Center for Development Programs in the Cordillera  
2. Philippine Association for Intercultural Development  
3. Environmental Research Division of the Manila  
Observatory

OTHER IMPLEMENTOR TYPE (s):  
1. NGO  
2. NGO

COLLABORATOR (s):

CONTACT: BSP: Janis Alcorn 202-861-8313, fax  
202-861-8324; Stephen Kelleher  
202-778-9681, fax 202-861-8324

PROGRAM OFFICER: Stephen Kelleher

REGION: Asia, Various, Various

BIOME: Non-specific

PURPOSE: To strengthen biodiversity conservation by assessing,  
developing and promoting ways to secure recognition of indigenous  
peoples tenure and community-based natural resource planning as a  
means of protecting forests in the Philippines.

DESCRIPTION: The activities under this element of the Peoples and  
Forests Program will be coordinated with Mission projects in the

406120

REVISION DATE: 05/12/95

Philippines, the Asia Bureaus-supported Community-based Resource Management & Tenure Project at World Resources Institute, related projects funded by other donors and other existing in-country initiatives. Specifically, activities will include initiating and assisting community-based delineation of the ancestral lands, projection of case studies of community-based resource management and resource management plans, development of process documentation of the project, recommendation of policy and strategies for securing rights for ancestral lands, the holding of public fora and outreach and participation in the cross-regional Peoples and Forests programs.

**SIGNIFICANCE:** The activity fulfills BSP's mandate to help improve the capacity of non-government and government institutions in identifying critical needs for and economic potential of conservation and wise management of biological resources.

**TECHNICAL REPORTS or PUBLICATIONS:**

**OTHER OUTPUTS:** Case studies and natural resource management plans, national and local maps showing the delineation of indigenous peoples' ancestral lands and domains.

**UPDATE:** During the reporting period, the Center for Development Projects in the Cordillera (CDPC) and the Philippine Association for Intercultural Development (PAFID) continued their assistance to local indigenous groups in delineating their ancestral domains through a participatory process of community meetings and training of community participants. PAFID is using Global Positioning Systems (GPS) equipment to document the demarcation of the boundaries of the ancestral lands and hosted a cross-regional workshop on the use of GPS equipment in October 1994, which was attended by Program Director Janis Alcorn, representatives from the Philippine NGOs, local government agencies, communities and several representatives of Indonesian NGOs. In addition, the Environmental Research Division of the Manila Observatory was contracted to develop a national map of Indigenous Cultural zones, watersheds and forest cover. This map will be discussed at a regional mapping methods workshop taking place in the Philippines in the Spring. A new activity with an Ancestral Domain Committee in Mindanao was developed.

406130  
REVISION DATE: 05/12/95

STATUS: Ongoing

TITLE: Peoples and Forests Program, Indonesian  
Projects

TYPE OF ACTIVITY:  
PRIMARY Socio-cultural Analysis and Research  
SECONDARY Public Policy

FUNDING: \$120,000.00 (APRE Bureau)

START DATE: 10/01/93

END DATE: 09/30/98

PRIMARY IMPLEMENTOR: BSP

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):  
1. Yayasan PLASMA  
2. Yayasan SKEPHI

OTHER IMPLEMENTOR TYPE (s):  
1. NGO  
2. NGO

COLLABORATOR (s):

CONTACT: BSP: Janis Alcorn 202-861-8313, fax  
202-861-8324; Stephen Kelleher  
202-778-9681, fax 202-861-8324

PROGRAM OFFICER: Stephen Kelleher

REGION: Asia, INDONESIA, Various

BIOME: Non-specific

PURPOSE: To strengthen biodiversity conservation by assessing,  
developing and promoting ways to secure recognition of indigenous  
peoples tenure and community-based natural resource planning as a  
means of protecting forests in Indonesia.

DESCRIPTION: The activities under this element of the Peoples and  
Forests Program will be coordinated with Mission projects in  
Indonesia, the Asia Bureau-supported Community-based Resource  
Management & Tenure Project at World Resources Institute, related

406130

REVISION DATE: 05/12/95

projects funded by other donors and other existing in-country initiatives.

Specifically, activities will include initiating and assisting community-based delineation of ancestral lands, production of case studies of community-based resource management and resource management plans, development of process documentation of the project, recommendation of policy and strategies for securing rights for ancestral lands, the holding of public fora and outreach and participation in the cross-regional Peoples and Forests programs.

**SIGNIFICANCE:** The activity fulfills BSP's mandate to help improve the capacity of non-government and government institutions in identifying critical needs for and economic potential of conservation and wise management of biological resources.

**TECHNICAL REPORTS or PUBLICATIONS:**

**OTHER OUTPUTS:**

**UPDATE:** During this reporting period, a contract with Yayasan PLASMA was established to carry out natural resource mapping efforts with the Bentian Dayak communities in East Kalimantan. A grant was provided to Yayasan SKEPHI to carry out a planning meeting with key organizations including PHPA officials, ADB project staff, NGOs and individuals working in Siberut to discuss opportunities presented by the pending development of a national park boundaries and zonation under PHPA's ADB-funded project. The meeting took place in late February in Padang and resulted in additional follow up meetings among participants in March. The meeting was attended by BSP's Senior Program Officer Stephen Kelleher and the Peoples and Forests Regional Coordinator, Nonette Royo. A proposal for follow-on activities is under review.

406410  
REVISION DATE: 05/30/95

STATUS: Completed  
TITLE: Rapid Assessment Program for Peru  
TYPE OF ACTIVITY:  
PRIMARY Ecological Research/Inventory  
FUNDING: \$72,075.00 (R&D/ENR)  
START DATE: 04/01/94  
END DATE: 12/31/95  
PRIMARY IMPLEMENTOR: Conservation International  
PRIMARY IMPLEMENTOR TYPE: International NGO  
OTHER IMPLEMENTOR (s):  
OTHER IMPLEMENTOR TYPE (s):  
COLLABORATOR (s):  
CONTACT: BSP: Meg Symington 202-778-9727, fax  
202-293-9211; CI: Adrian Forsyth  
202-429-5660, fax 202-887-0193  
PROGRAM OFFICER: Meg Symington  
REGION: LAC, Peru, Cordillera del Condor  
BIOME: Tropical Montane Forest  
PURPOSE: To fill regional gaps in the knowledge of Peru's  
wildlife and natural environment.

DESCRIPTION: In July 1994, Conservation International's Rapid Assessment Program undertook an expedition to the Peruvian side of the Cordillera del Condor. The objectives of the trip were to: 1) conduct a one-month biological survey of the area; 2) inventory the flora and fauna of representative indicator sites of the Condor range; 3) document the status, ecology and biogeographic affinities of the flora and fauna of this isolated and little-studied area; 4) conduct a survey of the socio-economic issues affecting the region; 5) produce a RAP report, including species lists, habitat information, socio-economic context and recommendations for land-use planning. This trip will complement RAP work done by CI last summer on the

406410

REVISION DATE: 05/30/95

Ecuadorian side of the Condor range.

**SIGNIFICANCE:** This project addresses BSP's mandate to identify and survey critical ecosystems and to assist countries in developing sound wildlife management and plant conservation programs.

**TECHNICAL REPORTS or PUBLICATIONS:** A final technical report of the survey findings and conclusions will be submitted to BSP in April 1995.

**OTHER OUTPUTS:**

**UPDATE:** The RAP expedition was conducted as scheduled with 13 biologists from the U.S. and Peru participating. Among the RAP results was the discovery of a low boggy ground cover, dominated by terrestrial orchids, bromeliads and other flora elements more typical of Guianan shield habitat thousands of kilometers to the north. Taxonomic discoveries include a new mammal, a possible new bird species, a population of a new species of owl, 18 new orchid species, 6 new butterfly species, new fish species and other biogeographically significant range-extensions. The tepui-like habitats found in the Cordillera del Condor are found nowhere else in Peru. Conservation International has also been approached by parties in both Ecuador and Peru who are interested in creating a protected area that would straddle both countries. CI is planning to conduct a feasibility study examining this approach in detail.

406510  
REVISION DATE: 05/12/95

STATUS: New

TITLE: Geographic Priorities Project

TYPE OF ACTIVITY:  
PRIMARY Biodiversity Planning and Needs  
Assessment

FUNDING: \$800,000.00 (G/Bureau)

START DATE: 02/01/95

END DATE: 03/30/96

PRIMARY IMPLEMENTOR: BSP

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):

1. World Wildlife Fund
2. World Resources Institute
3. The Nature Conservancy
4. World Conservation Monitoring Centre
5. Conservation International

OTHER IMPLEMENTOR TYPE (s):

1. International NGO
2. International NGO
3. International NGO
4. International NGO
5. International NGO

COLLABORATOR (s):

CONTACT: BSP: Janis Alcorn 202-861-8313, fax  
202-861-8324, Stephen Kelleher,  
202-778-9681

PROGRAM OFFICER: Janis Alcorn

REGION: Asia, Various, Various

BIOME: Non-specific

PURPOSE: To produce priorities relevant to the role of  
biodiversity conservation within USAID's mission to improve human  
welfare in developing countries.

DESCRIPTION: The project will develop priorities for where to

406510

REVISION DATE: 05/12/95

carry out conservation irrespective of what the conservation action is, how it is carried out, who is carrying it out, or when the action is to be done. Three thematic areas will be considered in determining the geographic priorities for conservation investment: 1) biological, 2) economic, and 3) social. The project will include development and application of a state-of-the-art methodology for setting geographic priorities for conservation.

**SIGNIFICANCE:** The U.S. Agency for International Development (USAID) has identified biodiversity conservation as one of two global environmental areas for USAID investment. USAID has requested that the Biodiversity Support Program (BSP) assist in developing a methodology for prioritizing where to carry out conservation. These geographic priorities will be appropriate to a range of potential conservation activities, including those linked to sustainable development.

**TECHNICAL REPORTS or PUBLICATIONS:**

**OTHER OUTPUTS:**

**UPDATE:** During this reporting period initial project development occurred. Participants were identified for an international Geographic Priorities methods workshop to be held in Washington, D.C. in April 1995. BSP planned the workshop with assistance from the Land Tenure Center and a consultant with prior experience with Keystone Center workshops.

407000  
REVISION DATE: 06/01/95

STATUS: Ongoing

TITLE: Mexico Global Climate Change III

TYPE OF ACTIVITY:  
PRIMARY Various

FUNDING: \$1,008,200.00 (LAC Bureau)

START DATE: 07/01/93

END DATE: 11/30/95

PRIMARY IMPLEMENTOR: Various

PRIMARY IMPLEMENTOR TYPE: Various

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s): Various

CONTACT: BSP: Meg Symington 202-778-9727, fax  
202-293-9211; AID/Mexico: Frank Zadroga  
525-211-0042, fax 525-207-7558;  
WWF:Edgar Maravi 202-861-8321, fax  
202-293-9211

PROGRAM OFFICER: Meg Symington

REGION: LAC, MEXICO, Various

BIOME: Various

PURPOSE: To design and implement projects to promote environmentally sound community development around biologically important, threatened wildland areas in Mexico. The overall goals of the program are to decrease the rate of deforestation in these wildland areas and to protect them as healthy diverse ecosystems, while achieving sustainable methods and levels of resource use for the people living in and around the wildland areas.

DESCRIPTION: This buy-in covers Mexico GCC activities in southern (407030), central (407010) and northern Mexico (407020). Please see these activity descriptions for further detail on the various

407000

REVISION DATE: 06/01/95

initiatives.

**SIGNIFICANCE:** Mexico is a focal country for A.I.D.'s Global Climate Change initiative. This program is designed to aid in decreasing emissions of greenhouse gases due to deforestation, while simultaneously conserving the region's rich biological diversity, and improving the quality of life of the regions's rural people.

**TECHNICAL REPORTS or PUBLICATIONS:**

**OTHER OUTPUTS:**

**UPDATE:** Year four buy-in funds were received from USAID/Mexico in August 1994. Several projects funded under the third year buy-in were completed during this reporting period: 407022 (Sonoran Institute and Native Seeds/SEARCH) and several subprojects within the Mexico Ecodevelopment Program III (407034, 407035). Two subprojects are ongoing during this reporting period: 407010 (Monarca) and 407040 (Ecodevelopment Program Mid-Term Evaluation). One subproject was initiated during this reporting period: 407023 (Mexican Mountain Forest/Imperial Woodpecker). See specific project descriptions for updates.

407010  
REVISION DATE: 06/12/95

STATUS: Completed

TITLE: Reforestacion para la Recuperacion de Areas Degradadas en la Reserva Especial de la Biosfera Mariposa Monarca

TYPE OF ACTIVITY:  
PRIMARY Ecosystem Restoration  
SECONDARY Education/Public Awareness

FUNDING: \$48,947.00 (LAC Bureau)

START DATE: 10/01/93

END DATE: 03/31/95

PRIMARY IMPLEMENTOR: MONARCA, A.C.

PRIMARY IMPLEMENTOR TYPE: NGO

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s): SEDESOL; SARH-INIFAP; UCODEFO No. 1 Ocampo-Zitacuaro; WWF

CONTACT: BSP: Meg Symington 202-778-9727, fax 202-293-2911; Monarca: Fernando Ortiz Monasterio tel 011-525-286-9759

PROGRAM OFFICER: Meg Symington

REGION: LAC, MEXICO, Monarch Butterfly Special

BIOME: Temperate Forest & Grasslands

PURPOSE: To carry out a reforestation and environmental education program in the Monarch Butterfly Special Biosphere Reserve in Michoacan, Mexico.

DESCRIPTION: The fir forests (*Abies religiosa*) found from 2400 to 3600 m in elevation in the mountains of central Mexico in the states of Michoacan and Mexico provide the preferred habitat for overwintering monarch butterflies. The Monarch Butterfly Special Biosphere Reserve was decreed in 1986 to protect five butterfly hibernation sites; a core protected area and surrounding buffer zone were declared for each of the five sites. The total core

407010

REVISION DATE: 06/12/95

area of the special biosphere reserve is 4,490 ha and the total buffer zone is 11,619 ha. A total of 412,570 people live in the nine municipalities that comprise the reserve. The primary economic activities in this rural, underdeveloped area are subsistence agriculture and cattle raising.

Based on aerial photographs taken in 1990, Monarca estimates that approximately 3,000 ha of the fir forest that is so critical to the butterfly's survival has been degraded as a result of human economic activities. The objectives of this project are to: 1) reforest 50 ha of degraded land in the Sierra Chincua site with 50,000 fir seedlings grown in Monarca's own nursery; 2) involve federal, state, municipal and ejidal authorities, as well as local residents in the reforestation program, and thus improve inter-institutional cooperation among the entities active in the region; and 3) develop, organize and carry out three environmental education workshops that complement the reforestation work.

**SIGNIFICANCE:** This project is directly relevant to BSP's strategic goal of strengthening institutional, community, and individual capacities to conserve biological diversity, while encouraging full participation of all stakeholders.

**TECHNICAL REPORTS or PUBLICATIONS:** Interim and final reports.

**OTHER OUTPUTS:** 50 hectares of fir forest reforested; 3 environmental education workshops held in three ejidos in the Special Biosphere Reserve; and an evaluation of Monarca's reforestation efforts to date.

**UPDATE:** The final report was received June 8. Monarca achieved 80% of their goal of 50 ha reforested. 25 ha in Sierra Chincua were reforested with 25,000 oyamel seedlings and 15 ha were reforested in Cerro Prieto with another 25,000 seedlings. Due to Monarca's administrative problems, half of the seedlings planted in Sierra Chincua were planted very late in the rainy season, and thus survival is less than what was hoped for at this site. An evaluation of seedling survival at both sites revealed an overall survival rate of 65%. The informal environmental education activities were carried out and Monarca feels that its relationship with local communities has improved as a result of the efforts. Communities were involved in the reforestation efforts, and their awareness of the need to be concerned about the future of the forest has increased as a result.

407020  
REVISION DATE: 06/01/95

STATUS: Ongoing  
TITLE: Northern Border Wildlands II  
TYPE OF ACTIVITY:  
PRIMARY Various  
FUNDING: \$147,200.00 (LAC Bureau)  
START DATE: 09/01/93  
END DATE: 11/30/95  
PRIMARY IMPLEMENTOR: Various  
PRIMARY IMPLEMENTOR TYPE: Various  
OTHER IMPLEMENTOR (s):  
OTHER IMPLEMENTOR TYPE (s):  
COLLABORATOR (s): Various  
CONTACT: BSP: Meg Symington 202-778-9727; fax  
202-293-9211; AID/Mexico: Frank Zadroga  
525-211-0042; fax 525-207-7558  
PROGRAM OFFICER: Meg Symington  
REGION: LAC, MEXICO, Various  
BIOME: Various

PURPOSE: To design and implement projects to promote environmentally sound community development around biologically important, threatened wildland areas in northern Mexico. The overall goal of the program is to decrease the rate of deforestation in these wildland areas, and to protect them as healthy diverse ecosystems, while achieving sustainable methods and levels of resource use for the people living in and around them.

DESCRIPTION: This program is a continuation of the activities described in 588100 and is designed to be complementary to those described in 407030, which focus on environmentally-sound community development in the buffer zones of priority wildland areas in southern Mexico. The program will include projects in

407020

REVISION DATE: 06/01/95

several forested wildlands located in the northern border region of Mexico. As with the wildlands/buffer zone management activities in southern Mexico, priority will be given to the management of areas that will contribute to the objectives of A.I.D.'s Global Climate Change Initiative through the protection and/or regeneration of natural forest vegetation. Activities eligible for funding under this northern Mexico component include operational and master planning, baseline studies, institutional strengthening of Mexican conservation NGOs, interinstitutional collaboration (especially between the cognizant Mexican agencies, SEDESOL and SARH, and U.S. agencies) and buffer and core zone management. Priority will be given to activities involving participatory approaches that emphasize local residents' involvement in resource management.

**SIGNIFICANCE:** Mexico is a focal country for A.I.D.'s Global Climate Change initiative. Northern Mexico has become a new focus of attention for A.I.D. because of the debate and recent Congressional approval of the North American Free Trade Agreement (NAFTA). Northern Mexico has been relatively neglected by the international conservation community despite its rich diversity of species and ecosystems.

**TECHNICAL REPORTS or PUBLICATIONS:**

**OTHER OUTPUTS:**

**UPDATE:** Project 407022 was completed during this reporting period; project 407023 was initiated during this reporting period. Please see those project updates for further details.

407022

REVISION DATE: 06/01/95

STATUS: Completed

TITLE: Proyecto de Recursos Tarahumara

TYPE OF ACTIVITY:

PRIMARY	Sustainable Use
SECONDARY	Enterprise Development
MINOR	Socio-cultural Analysis and Research
MINOR	Ecotourism

FUNDING: \$40,000.00 (LAC Bureau)

START DATE: 01/01/94

END DATE: 03/31/95

PRIMARY IMPLEMENTOR: Sonoran Institute

PRIMARY IMPLEMENTOR TYPE: NGO

OTHER IMPLEMENTOR (s):

1. Native Seeds/SEARCH
2. UNAM Jardin Botanico

OTHER IMPLEMENTOR TYPE (s):

1. NGO
2. Botanical Garden or Zoo

COLLABORATOR (s):

CONTACT: BSP: Meg Symington 202-778-9727, fax 202-861-8324; Sonoran Institute: Wendy Laird 602-290-0828, fax 602-290-0969

PROGRAM OFFICER: Meg Symington

REGION: LAC, MEXICO, Sierra Tarahumara

BIOME: Temperate Forest and Grasslands

PURPOSE: To investigate the feasibility of three economic alternatives to timber extraction for the indigenous Tarahumara people: sale of arts and crafts, development of heritage or ecotourism, and extraction and marketing of non-timber forest products.

DESCRIPTION: The bi-national, multi-cultural region, encompassing the southwestern U.S. and northern Mexico, has as its ecological

124

407022

REVISION DATE: 06/01/95

focal point the Madrean center of floral diversity, which is richer in species, unique endemic varieties, and ethnobotanical knowledge than any other area north of the Tropic of Cancer. Within the last few years, even the most remote areas within this region have been threatened by several major developments, including a multi-million dollar logging investment in the Mexican Sierra Tarahumara by the World Bank and transnational industries.

The most numerous stakeholders in the forests of the region are the Tarahumara, or Raramuri. Their livelihood, however, which depends on the preservation and sustainable use of the region's forest resources, is threatened by current development plans and projects and ever increasing levels of deforestation. Protection, therefore, of unique and especially rich biodiversity of the remaining forest areas in the Sierra Tarahumara should involve local Tarahumara residents; residents who have lived alongside and sustainably utilized these diverse resources for hundreds of years.

The Tarahumara need economic alternatives to the timber industry in order for their way of life, and the forests of the Sierra, to be sustained. Three economic alternatives most often cited as appropriate for the Tarahumara are arts and crafts, ecotourism and extraction and marketing of non-timber forest products. However, feasibility studies that analyze the potential economic benefits derived from such activities, mechanisms for ensuring these benefits are captured by local people, and impacts on natural systems and local communities much be carried out before projects can be developed. This project will coordinated feasibility studies designed to complement what is already known about these three alternatives and make recommendations about potential demonstration projects.

**SIGNIFICANCE:** This project has direct relevance to BSP's strategic goal of increasing understanding and successful practice of innovative conservation techniques, in this case enterprise development.

**TECHNICAL REPORTS or PUBLICATIONS:** Three feasibility studies.

**OTHER OUTPUTS:**

**UPDATE:** The final report was submitted on schedule. Feasibility reports on: 1) extra-local marketing of non-timber forest products; 2) arts/crafts exploitation of beargrass and sotol; and 3) heritage/ecotourism development were prepared. Recommendations for project follow-up will be discussed with Sonoran Institute and Native Seeds/SEARCH.

125

407023

REVISION DATE: 06/01/95

STATUS: New

TITLE: Mexican Mountain Forest - Imperial Woodpecker Project

TYPE OF ACTIVITY: Ecological Research/Inventory  
PRIMARY

FUNDING: \$24,000.00 (LAC Bureau)

START DATE: 10/01/94

END DATE: 11/30/95

PRIMARY IMPLEMENTOR: CIPA-Mex

PRIMARY IMPLEMENTOR TYPE: NGO

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s): BirdLife International, Sonoran Institute, CASMAC, Universidad Autonoma de Chihuahua, CONABIO, UNAM

CONTACT: BSP: Meg Symington 202-778-9727, 202-861-8324; CIPA-Mex: Patricia Escalante 525-622-5702, fax 525-550-0164

PROGRAM OFFICER: Meg Symington

REGION: LAC, MEXICO, Sierra Madre Occidental

BIOME: Temperate Forest & Grasslands

PURPOSE: To locate and survey tracts of old growth pine-oak forest in the Sierra Madre Occidental. The old growth habitat in the Sierra Madre contains high levels of biodiversity and endemism. The largest woodpecker in the world, the Imperial Woodpecker, now thought to be extinct, was endemic to these forests. The status of this and other endangered species will be assessed.

DESCRIPTION: The pine-oak zone of the Sierra Madre Occidental is an area of high biodiversity. This richness is due to the fact that the ranges of many of the species from western temperate

407023

REVISION DATE: 06/01/95

North America have a southern extension into the Sierra Madre Occidental, and these high mountains also hold many endemics related to the Neotropical flora and fauna. In recent years much of the old growth pine-oak habitat has been destroyed by extensive logging operations. As a consequence, many of the species of the Sierra have become threatened with extinction. One example is the Imperial Woodpecker (*Campephilus imperialis*), which has not been reliably recorded since 1958, although reports of its continued existence in the Sierra continue to the present. Other threatened taxa dependent on the old growth habitat are the Thick-billed Parrot (*Rhyncopsitta pachyrhyncha*), the Eared Trogon (*Euptilotis neoxenus*) and the Mexican Wolf (*Canis lupus baileyi*). A recent study carried out by BirdLife International identified the Sierra Madre Occidental as one of the Endemic Bird Areas of Mexico. This study will locate and describe areas that are high priority for conservation in the Sierra Madre Occidental.

**SIGNIFICANCE:** The pine-oak zone of the Sierra Madre Occidental has been identified as one of the most important habitats in Mexico with respect to biodiversity and endemism. It is of the utmost importance to find and conserve the remaining tracts of old growth pine-oak mountain forests in the Sierra Madre.

**TECHNICAL REPORTS or PUBLICATIONS:** Interim and Final Technical Reports.

**OTHER OUTPUTS:** 1) A conservation plan for areas of undisturbed old growth pine-oak habitat in the Sierra Madre Occidental.  
2) Articles on the status of Thick-billed Parrot, Eared Trogon and Imperial Woodpecker.

**UPDATE:**

407034

REVISION DATE: 06/01/95

STATUS: Completed

TITLE: Community Forestry Project - Calakmul

TYPE OF ACTIVITY:

PRIMARY	Sustainable Use
SECONDARY	Buffer Zone Management
MINOR	Training
MINOR	Ecological Research/Inventory

FUNDING: \$50,000.00 (LAC Bureau)

START DATE: 01/01/94

END DATE: 12/31/94

PRIMARY IMPLEMENTOR: WWF

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):

1. Consejo Regional de Ejidos de Xpujil
2. Plan Estatal Forestal de Quintana Roo

OTHER IMPLEMENTOR TYPE (s):

1. NGO
2. Government

COLLABORATOR (s): Pronatura Peninsula de Yucatan, A.C.

CONTACT: BSP: Meg Symington 202-778-9727, fax 202-293-9211; AID/Mexico: Frank Zadroga 525-211-0042, fax 525-207-7558; WWF: Edgar Maravi 202-861-8321, fax 202-293-9211

PROGRAM OFFICER: Meg Symington

REGION: LAC, MEXICO, Calakmul Biosphere Reserv

BIOME: Tropical Moist Forest

PURPOSE: To manage existing ejido forests in the buffer zone around Calakmul Biosphere Reserve for environmental and economic sustainability.

DESCRIPTION: With an extension of 723,000 ha, Calakmul Biosphere

407034

REVISION DATE: 06/01/95

Reserve is one of the five largest tracts of humid tropical forest remaining in Mexico. Most of the forested areas in the buffer zone of the reserve are subdivided into ejido territories of about 2,000 ha each, which limits their options for sustainable forestry production. Therefore, it is crucial to develop models to achieve sustainable use of timber and non-timber products in ejidos with limited forest mass.

In the second year of this project, WWF, in collaboration with the Plan Estatal Forestal of Quintana Roo (formally Plan Piloto Forestal) and the Regional Council of Ejidos of Xpujil, is working to develop ecologically and economically sustainable forest management systems for ejidos in the buffer zone surrounding Calakmul Biosphere Reserve. The project focuses on natural forest management including carrying out reliable inventory work, developing 25 year rotation management and harvesting plans, improving silvicultural techniques, and training community technicians to carry out the management activities. To support these efforts, the project pays the salaries of a forestry professional, four full-time forest technicians, and a computer operator. The project has also paid for computer and forest inventory equipment.

**SIGNIFICANCE:** The Plan Estatal Forestal of Quintana Roo (formally the Plan Piloto Forestal) is one of the premiere models of natural forest management currently underway in the neotropics. This project is an attempt to geographically extend this highly successful forest management model into the neighboring state of Campeche, which has very similar forests.

This project addresses BSP's mandate to pursue activities that integrate conservation of biodiversity with grassroots development, and expand and refine the biosphere reserve concept.

**TECHNICAL REPORTS or PUBLICATIONS:**

**OTHER OUTPUTS:**

**UPDATE:** The community forest inventories were successfully completed. This component of the Mexico Ecodevelopment Program will be redesigned for Year 5 of the program.

407035  
REVISION DATE: 06/01/95

STATUS: Completed

TITLE: Alternative Agroecological Practices in  
El Ocote Ecological Reserve

TYPE OF ACTIVITY:  
PRIMARY Buffer Zone Management

FUNDING: \$44,604.00 (LAC Bureau)

START DATE: 04/01/94

END DATE: 03/31/95

PRIMARY IMPLEMENTOR: World Wildlife Fund

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):  
1. Linea Biosfera, A.C.

OTHER IMPLEMENTOR TYPE (s):  
1. NGO

COLLABORATOR (s): ECOSFERA, A.C.; PRONATURA-Chiapas

CONTACT: BSP: Meg Symington 202-778-9727, fax  
202-293-9211; AID/Mexico: Frank Zadroga  
525-211-0042, fax 525-207-7558; WWF:  
Edgar Maravi 202-861-8321, fax  
202-293-9211

PROGRAM OFFICER: Meg Symington

REGION: LAC, MEXICO, El Ocote Ecological Reser

BIOME: Tropical Moist Forest

PURPOSE: To decrease the rate of deforestation in El Ocote  
and to protect it as a healthy diverse ecosystem, while achieving  
sustainable methods and levels of resource use for the people  
living in and around the reserve.

DESCRIPTION: There are approximately 2,500 families settled in  
the buffer zone of El Ocote Ecological Reserve. The large  
majority of those families are resource poor farmers and peasants  
who have very limited access to land. Although geographic and

physical characteristics of the core area have prevented a large human encroachment to date, the rapidly increasing population and migration to the area from Los Altos de Chiapas is intensifying fragmented land use and soil degradation is rapidly increasing. The unsustainable use of the soil resource not only affects the stability of the watershed but also increases the already high sedimentation at the existing dam which supplies about 30 percent of Mexico's electric energy and exports additional energy to Guatemala. As soil degrades in the buffer zone, poaching, illegal hunting, and logging will increase in the core area of El Ocote.

This project is the most recent addition to the Ecodevelopment Program and has received funding since April 1993. Linea Biosfera, a local NGO, is working with 18 ejidos that are members in the union of ejidos "El Triunfo de los Pobres". In the second year of project activities, Linea Biosfera is focussing on training and extension in alternative agricultural activities to these communities. In the first year of the project, they also promoted the sustainable use and management of barbasco (*Dioscorea composita*, *D. floribunda*) in second growth forest areas. Steroid hormones contained within the barbasco rhizome are extracted and used in approximately 500 products in the chemical and pharmaceutical industries including biopesticides and contraceptives. The market for barbasco crashed recently however, when the one company that has a monopoly on the market ceased buying the product in an effort to bring prices down. As a result, the project is now focussing on minimal tillage, intercropping, and other soil fertility conservation and restitution techniques to increase campesino yields in the buffer zone and thus decrease pressure on the buffer zone.

**SIGNIFICANCE:** This project is directly relevant to BSP's mandate to pursue activities which integrate conservation of biodiversity with grassroots development work, and expand and refine the biosphere reserve concept.

**TECHNICAL REPORTS or PUBLICATIONS:**

**OTHER OUTPUTS:**

**UPDATE:** Linea Biosfera continues to work with and through the ejido union "El Triunfo de los Pobres." The project's success to date is due to: a) The grassroots approach of Linea Biosfera and the consistent presence of its promoters in the communities and their support of the ejido union; b) its strategy to recruit community members as volunteer promoters; and c) the aggressive and permanent training program on agroecological techniques targeting community leaders which has resulted in broad dissemination of the sustainable production systems promoted; and

407035

REVISION DATE: 06/01/95

d) the aggressive educational and communication activities targeting community members regarding the conservation and management of natural resources.

In the coming year, Linea will geographically extend the sustainable agriculture it is promoting, utilizing a watershed management approach. A training center for training community promoters will also be established.

407040  
REVISION DATE: 06/01/95

STATUS: Ongoing

TITLE: Ecodevelopment Program Mid-term  
Evaluation

TYPE OF ACTIVITY:  
PRIMARY Program/Project Evaluation & Monitoring

FUNDING: \$48,723.00 (LAC Bureau)

START DATE: 11/01/93

END DATE: 07/31/95

PRIMARY IMPLEMENTOR: BSP

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):

1. Pronatura/Chiapas
2. Instituto Historia Natural
3. Maderas del Pueblo
4. Pronatura/Peninsula de Yucatan

OTHER IMPLEMENTOR TYPE (s):

1. NGO
2. NGO
3. NGO
4. NGO

COLLABORATOR (s): WWF

CONTACT: BSP: Meg Symington 202-778-9727, fax  
202-861-8324

PROGRAM OFFICER: Meg Symington

REGION: LAC, MEXICO, Various

BIOME: Tropical Moist Forest

PURPOSE: To carry out a mid-term evaluation of the BSP-funded  
Ecodevelopment Program in southern Mexico.

DESCRIPTION: The overall goal of the Mexico Ecodevelopment  
Program is to protect selected wildland areas in southern Mexico  
as healthy, diverse ecosystems by decreasing rates of  
deforestation in the surrounding areas through promotion and

407040

REVISION DATE: 06/01/95

adoption of sustainable methods and levels of resource use. The four wildland areas selected for focus are: El Triunfo Biosphere Reserve and El Ocote Ecological Reserve in Chiapas, Calakmul Biosphere Reserve in Campeche and the Chimalapas region of Oaxaca. The Mexico Ecodevelopment Program is implemented by World Wildlife Fund, currently in collaboration with seven local Mexican partner NGOs.

The Mexico Ecodevelopment Program was developed in 1990 as a joint effort of AID/Mexico, BSP and WWF's Wildlands and Human Needs Program. The Wildlands and Human Needs approach seeks to harmonize the economic and social development of communities with the maintenance of diverse, natural ecosystems, by promoting development based on sound environmental management and conservation principles. The activities promoted by the Mexico Ecodevelopment Program are meant to be environmentally sustainable, socio-culturally sustainable, financially and economically sustainable, and institutionally sustainable.

The general purpose of the evaluation is to assess progress toward achievement of the program's goal and objectives; identify relative strengths and weaknesses of the program's organization, implementation and methodological approaches, and to provide constructive feedback for future project implementation. This mid-term evaluation will establish impact indicators to be used in the final program evaluation in 1996.

**SIGNIFICANCE:** This project is directly relevant to BSP's mandate to analyze and disseminate lessons learned about conservation techniques.

**TECHNICAL REPORTS or PUBLICATIONS:** There will be a final evaluation report.

**OTHER OUTPUTS:**

**UPDATE:** A final draft version was produced, translated into Spanish and distributed to project implementers prior to the 4th Annual Ecodevelopment Program Meeting in Zoh-Laguna, February 26 - March 3, 1995. The draft provoked considerable controversy among project implementers and meetings were held with each group to obtain their opinions and comments on the overall report as well as on the section directly relevant to their work. The primary author is now incorporating these comments into the final version of the report, which should be completed by the end of July.

407400

REVISION DATE: 06/01/95

STATUS: Ongoing

TITLE: Pic Macaya National Park Project

TYPE OF ACTIVITY:

PRIMARY	Protected Areas
SECONDARY	Community Development
MINOR	Buffer Zone Management
MINOR	Ecological Research/Inventory
MINOR	Education/Public Awareness

FUNDING: \$416,172.00 (USAID/Haiti)

START DATE: 09/01/93

END DATE: 09/30/96

PRIMARY IMPLEMENTOR: Union des Cooperatives de la Region Sud  
d'Haiti (UNICORS)

PRIMARY IMPLEMENTOR TYPE: NGO

OTHER IMPLEMENTOR (s):

1. Biodiversity Support Program

OTHER IMPLEMENTOR TYPE (s):

1. International NGO

COLLABORATOR (s):

CONTACT: BSP: Meg Symington 202-778-9727, fax:  
202-861-8324; USAID/Haiti: Mr. Charles  
Emile Philoctete 509-29-3039; fax:  
509-23-96-03

PROGRAM OFFICER: Meg Symington

REGION: LAC, HAITI, Pic Macaya National Park

BIOME: Tropical Moist Forest

PURPOSE: The purpose of this project is to protect the core area of 4,000 hectares of remaining natural habitat in the Pic Macaya National Park from further degradation and encroachment while providing assistance to local communities residing in the buffer zone (15,000 hectares) for sustainable development activities.

407400

REVISION DATE: 06/01/95

**DESCRIPTION:** In 1983, under the USAID/Haiti supported Integrated Agricultural Development Project (IADP) Haiti's highest mountain peak in the Southwest Peninsula was declared a national park and named Park Macaya by the Government of Haiti. Park Macaya is noteworthy for its extremely high biodiversity. Relatively undisturbed until recently, many of its species are now endangered due to the intense deforestation which has begun in this area. The current level of degradation is already causing increased siltation and flow in the seven rivers that originate in and flow from the Pic Macaya (the tallest mountain in the area). The downslope agricultural areas that circumscribe the park depend on those water resources. Further degradation of the park is likely to lead to devastating impacts on the thousands of poor Haitians who live at lower elevations. Those impacts will be due to loss of soil fertility and floods in the rainy seasons. Additionally, coastal and marine resources will benefit from park protection.

If the area is to be adequately conserved, local people need both the incentive and authority to conserve the resources of Pic Macaya and its buffer zone. BSP will assist in the conservation of this area by focussing assistance on 1) strengthening local NGOs in development of alternative sources of income and biological resources for families in the buffer zone to the south of the park and 2) improved conservation and restoration of natural habitat in the core park area. The specific activities to be supported will be identified through a participatory, community-based initiative to be conducted early next year. Needs for assistance from BSP will be reassessed annually through yearly community meetings.

**SIGNIFICANCE:** Given the desperate poverty and current lack of functional government, any hope for conservation of Pic Macaya must come from working with the farmers living in the buffer zone to develop alternatives to the current pressure to clear existing forest for increased agricultural and grazing areas.

This project directly addresses BSP's mandate by integrating the conservation of biological diversity with sustainable development and building capacity of a host-country institution.

**TECHNICAL REPORTS or PUBLICATIONS:**

**OTHER OUTPUTS:**

**UPDATE:** With the return of President Aristide to power in October 1994, BSP's activities in support of the Pic Macaya have expanded in number and scope. During the current reporting period, USAID/Haiti funded an 18-month extension of their cooperative agreement with UNICORS, and BSP has extended its contract with UNICORS through April 1996 to parallel the term of their

407400

REVISION DATE: 06/01/95

cooperative agreement with USAID/Haiti (see project description 407410). BSP also provided significant technical assistance to UNICORS during this reporting period (see project description 407420). Senior Program Officer Stephen Kelleher traveled to Haiti in December to meet with UNICORS and other collaborators.

407410  
REVISION DATE: 06/01/95

STATUS: Ongoing

TITLE: UNICORS Advisor

TYPE OF ACTIVITY:

PRIMARY	Protected Areas
SECONDARY	Community Development
MINOR	Buffer Zone Management
MINOR	Education/Public Awareness
MINOR	Ecological Research/Inventory

FUNDING: \$181,940.00 (USAID/Haiti)

START DATE: 11/01/93

END DATE: 04/30/96

PRIMARY IMPLEMENTOR: Union des Cooperatives de la Region Sud  
d'Haiti (UNICORS)

PRIMARY IMPLEMENTOR TYPE: NGO

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s):

CONTACT: BSP: Meg Symington 202-778-9727, fax:  
202-861-8324; USAID/Haiti: Charles Emile  
Philoctete 509-29-3039; fax: 509-23-9603

PROGRAM OFFICER: Meg Symington

REGION: LAC, HAITI, Pic Macaya National Park

BIOME: Tropical Moist Forest

PURPOSE: The purpose of this sub-project is to strengthen UNICORS staff in the areas of ecology and natural resource management, by providing UNICORS with the funding to hire a natural resource management specialist, so that they are better able to undertake activities designed to protect and rehabilitate the ecosystems, biological diversity and natural resources of Park Macaya and its buffer zone.

DESCRIPTION: So that UNICORS can effectively undertake the

407410

REVISION DATE: 06/01/95

activities described above, BSP is providing funding to UNICORS so that they can hire Joseph Ronald Toussaint for the position of ecologist/natural resource management specialist. Toussaint will work under the direction of UNICORS Park Macaya Project Technical Director and in collaboration with BSP to coordinate and manage UNICORS activities and strengthen UNICORS staff in the areas of ecology and natural resources management. Some of Toussaint's major duties and responsibilities include:

- 1) the continued identification of threatened/endangered rare and endemic species (flora and fauna) in the southern section of Park Macaya;
- 2) the design of comprehensive and sustainable protection or rehabilitation plans for these habitats;
- 3) the provision of assistance to UNICORS staff in the development and implementation of an environmental awareness program for the residents of the Park Macaya buffer zone;
- 4) the provision of assistance to UNICORS in the development of its annual workplan;
- 5) acting as primary liaison between UNICORS and BSP.

SIGNIFICANCE: See 407400

TECHNICAL REPORTS or PUBLICATIONS: UNICORS will submit quarterly financial and technical reports.

OTHER OUTPUTS:

UPDATE: Agr. Toussaint's work with UNICORS continues to be successful. During the current reporting period Agr. Toussaint has worked closely with the consultants BSP has contracted to provide technical assistance to UNICORS. He has carried out field visits to UNICORS buffer zone sites and provided recommendations to UNICORS field staff. He also helped to prepare a feasibility study on the potential for using village banks to provide credit to rural women in the Parc Macaya buffer zone. He also assisted UNICORS in defending their extension proposal for the Project Parc Macaya to the Ministry of Agriculture.

407420  
REVISION DATE: 05/18/95

STATUS: New

TITLE: Technical Assistance to UNICORS

TYPE OF ACTIVITY:  
PRIMARY Institutional Support

FUNDING: \$60,000.00 (USAID/Haiti)

START DATE: 03/01/95

END DATE: 09/30/96

PRIMARY IMPLEMENTOR: BSP

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):

1. University of Florida/Museum of Natural History
2. Centre de Formation et D'Encadrement Technique (CFET)
3. Meredith Richardson

OTHER IMPLEMENTOR TYPE (s):

1. Museum
2. NGO
3. Private

COLLABORATOR (s):

CONTACT: Meg Symington 202-778-9727, Stephen Kelleher 202-778-9681, fax 202-861-8324; USAID/Haiti Charles Emile Philoctete 509-29-3039, fax 509-23-96-03

PROGRAM OFFICER: Meg Symington

REGION: LAC, Haiti, Pic Macaya National Park

BIOME: Tropical Moist Forest

PURPOSE: To provide technical assistance to the UNICORS/PPM staff on various topics so that they are better able to undertake activities associated with this project.

DESCRIPTION: Under this sub-project, BSP will provide UNICORS/PPM staff with technical assistance and training on a variety of topics. Thus far, BSP has contracted with: 1) the Centre de Formation et D'Encadrement Technique (CFET) to conduct a training

407420

REVISION DATE: 05/18/95

needs assessment of UNICORS and to provide training in participatory methodologies; 2) the Museum of Natural History at the University of Florida to develop training materials and execute a workshop for field staff in basic ecology, biodiversity principles, natural resources management, an overview of parks and protected areas and biodiversity monitoring; and 3) Meredith Richardson, a private consultant, to conduct an organizational diagnostic of UNICORS to identify strengths and weaknesses and recommend opportunities for institutional change to improve chances for successful implementation of the Project Parc Macaya.

SIGNIFICANCE: See 407400.

TECHNICAL REPORTS or PUBLICATIONS: Technical reports will be submitted by all contractors and consultants.

OTHER OUTPUTS:

UPDATE:

407600  
REVISION DATE: 05/15/95

STATUS: Ongoing  
TITLE: Honduras II  
TYPE OF ACTIVITY:  
PRIMARY Institutional Support  
FUNDING: \$85,000.00 (USAID/Honduras)  
START DATE: 09/01/93  
END DATE: 12/31/95  
PRIMARY IMPLEMENTOR: Various  
PRIMARY IMPLEMENTOR TYPE: Various  
OTHER IMPLEMENTOR (s):  
OTHER IMPLEMENTOR TYPE (s):  
COLLABORATOR (s): Various  
CONTACT: BSP: Meg Symington 202-778-9727, fax:  
202-861-8324; USAID/Honduras: John  
Warren or Margaret Harritt, 504-369320;  
fax: 504-367776; Fundación VIDA:  
Victoria de Diaz, 504-39-1646, fax;  
504-39-1645  
PROGRAM OFFICER: Meg Symington  
REGION: LAC, HONDURAS, Various  
BIOME: Non-Specific

PURPOSE: To provide institutional strengthening assistance to Fundación VIDA in the form of a long-term advisor. The long-term advisor will provide general organizational assistance to VIDA, assist with outreach and assistance to other Honduran non-governmental organizations (NGOs) developing proposals for submission to VIDA, and provide on-the-job training to Fundación VIDA's technical staff.

DESCRIPTION: In 1992, USAID/Honduras submitted an add-on to the R&D/ENR Conservation of Biological Diversity Project to support BSP's efforts to provide technical assistance to Fundación VIDA

and associated NGOs of Honduras. The purpose of this assistance, has been to strengthen Fundación VIDA's capacity to effectively program and make grants from the Environmental Fund established as part of a debt reduction agreement between the U.S. Government and the Government of Honduras. The assistance provided over the past year has been in areas such as development of priorities, evaluation criteria, technical norms, and systems and procedures for the operation of the fund.

The initial objectives of BSP's assistance are either complete or nearing completion, but it is apparent that the full implementation and use of the materials and guidelines developed to date will require additional effort and follow-up activities and support. BSP received an amendment to the original add-on to all BSP to finalize existing items and expand assistance through the provision of a long-term advisor. Among other duties, the long-term advisor will assist with the following:

- 1) operationalizing VIDA's strategic plan, including further development of priorities for environmental activities to be funded under the grant program;

- 2) putting into practice the application procedures and regulations for applying to the Environmental Fund, and assisting with outreach to interesting NGOs applying to the Fund;

- 3) analysis and assistance with project scoping, finalization of project proposals, and early implementation for first pilot projects;

- 4) implementation and refinement of project proposal analysis procedures, including project evaluation criteria and approval processes;

- 5) design of appropriate project implementation monitoring systems for the funded projects;

- 6) design of data collection and information systems for Fundación VIDA, including basic informational resources;

- 7) design of a fund raising program for Fundación VIDA;

- 8) plan and conduct of a project proposal design training program with the affiliated environmental NGOs.

SIGNIFICANCE: See 588500

TECHNICAL REPORTS or PUBLICATIONS:

OTHER OUTPUTS:

UPDATE: Because technical assistance to Fundación VIDA is now being handled by Planning Assistance, VIDA's long-term institutional advisor, BSP has instead, by suggestion and approval of the USAID/Honduras mission, used part of the remaining funds to support a study tour to Costa Rica for Sergio Midence, a technical staff member of Fundación VIDA, and Rayna Maradiaga and Carlos Young Torres, two staff members of AMITIGRA,

407600

REVISION DATE: 05/15/95

an NGO working with Fundacion VIDA. The purpose of the tour, which took place in early November 1994, was for these three participants to gain familiarity with applied research for ecologically sound land management and to see examples of sustainable forest management practices in Costa Rica. While in Costa Rica, they visited CATIE, the Monteverde Cloud Forest Reserve, La Selva and FUNDECOR/Puerto Viejo.

414030

REVISION DATE: 05/12/95

STATUS: New

TITLE: 1995 BSP Research Symposium at the Ninth Annual Meeting of the Society for Conservation Biology

TYPE OF ACTIVITY: PRIMARY Education/Public Awareness

FUNDING: \$55,000.00 (R&D/ENR)

START DATE: 01/01/95

END DATE: 09/30/95

PRIMARY IMPLEMENTOR: BSP

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s): Society for Conservation Biology

CONTACT: BSP: Meg Symington, 202-778-9727; Ilana Locker, 202-778-9793, fax 202-861-8324

PROGRAM OFFICER: Meg Symington

REGION: Various, Various, Various

BIOME: Various

PURPOSE: To provide a forum for 13 of BSP's research grantees to present their findings to colleagues at the ninth annual meeting of the Society for Conservation Biology (SCB), taking place in Fort Collins, Colorado, June 7 - 11, 1995.

DESCRIPTION: Many of the research grants awarded in the third year of BSP's small grants competition are now nearing completion. In an effort to assist these researchers in the dissemination of their findings, BSP is supporting the attendance of 13 grantees at the 1995 annual meeting of the Society for Conservation Biology, which this year is being held in Fort Collins, Colorado at Colorado State University. In January 1995, BSP requested abstracts of research findings from third-year grantees. Of the 21 abstracts submitted, 13 were selected for

125

414030

REVISION DATE: 05/12/95

presentation and sent to the SCB conference organizers for inclusion in the conference proceedings. An all-day symposium entitled "Conservation in Developing Countries: The Role of Multiple Use Systems," has been scheduled for Saturday, June 10, during which BSP-sponsored researchers will present their findings. BSP will also organize two small training workshops for the grantees; one on monitoring and evaluation of projects and one on GIS, its uses and applications.

In addition to airfares, support will be provided for the registration, meals and lodging expenses of the 13 grantees.

**SIGNIFICANCE:** The all-day symposium will offer a unique opportunity for BSP's grantees, who might not normally have access to such an audience, to discuss their research findings. This is also an excellent chance for those researchers to network with their colleagues who may be working on similar issues in other parts of the world. Finally, this symposium provides BSP with a vehicle to publicize its activities to other scientists and professionals working in the conservation arena.

**TECHNICAL REPORTS or PUBLICATIONS:** BSP is hoping to publish the proceedings of the symposium in a peer-reviewed journal.

**OTHER OUTPUTS:**

**UPDATE:**

415210  
REVISION DATE: 06/07/95

STATUS: Ongoing  
TITLE: Indian Ocean Islands Project  
TYPE OF ACTIVITY:  
PRIMARY Various  
FUNDING: \$100,000.00 (USAID/REDSO)  
START DATE: 10/01/94  
END DATE: 12/31/95  
PRIMARY IMPLEMENTOR: African Wildlife Foundation  
PRIMARY IMPLEMENTOR TYPE: NGO  
OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s):

CONTACT: BSP: Barbara Pitkin 202-861-8338, fax  
202-861-8324; AWF: Debbie Snelson  
254-2-710367

PROGRAM OFFICER: Barbara Pitkin

REGION: Africa, Tanzania, Zanzibar

BIOME: Coastal/Marine

PURPOSE: The purpose of this project is to develop an operating framework for the proposed Zanzibar Nature Conservation Trust (ZNCT) and to test mechanisms of establishment and management of protected areas through a pilot Nature Conservation Area (NCA). The project will develop new institutional mechanisms for establishment and management of protected areas in Zanzibar, test the mechanisms in a pilot protected area of Pemba Island and promote information exchange on the mechanisms for protected area development between Zanzibar and other islands of the western Indian Ocean.

DESCRIPTION: Develop and test new institutional mechanisms for establishment and management of protected areas in Zanzibar.

415210

REVISION DATE: 06/07/95

**SIGNIFICANCE:** Zanzibar, off the Tanzanian coast, consists of two islands, Unguja and Pemba. While Zanzibar currently has no protected areas other than forest reserves, the economic and political climate offer an opportunity for a radical and innovative approach to protected area establishment. The current fisheries policy is shifting to allow community approaches to conservation. The expanding tourism industry offers a potential source of revenue to ensure financial sustainability of protected areas. This provides an unusual opportunity to initiate sustainable, community-based protected areas through the collaboration between all the different sectors concerned with aspects of the Zanzibar environment.

**TECHNICAL REPORTS or PUBLICATIONS:** Technical report.

**OTHER OUTPUTS:**

**UPDATE:** The Zanzibar Nature Conservation Trust's (ZNCT) design and creation is being directed by the formerly established Nature Conservation Areas Committee (NCAC). Development of the ZNCT has involved many meetings and consultations between the NCAC and the main government parties concerned: Commission for Lands and Environment (which includes the Department of Environment); Commission for Natural Resources (which includes Departments for Fisheries and for Forestry); and Commission for Tourism. Each Commission belongs to a different Ministry. Much discussion has revolved around where ZNCT should operate from within government, although it is to be an NGO for management of Zanzibar's protected areas. Consensus within the NCAC has been that it should be within the Commission for Natural Resources. Establishment of ZNCT to date has involved the efforts of many people on Zanzibar, and many consultants from outside working on different aspects of its constitution. Some delays against the proposed timetable have been experienced.

148

415410  
REVISION DATE: 06/07/95

STATUS: Ongoing

TITLE: Environmental Governance in Eastern and Southern Africa: Concept Development and Research Agenda

TYPE OF ACTIVITY:  
PRIMARY Public Policy

FUNDING: \$92,000.00 (USAID/REDSO)

START DATE: 09/01/94

END DATE: 09/30/95

PRIMARY IMPLEMENTOR: African Centre for Technology Studies

PRIMARY IMPLEMENTOR TYPE: NGO

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s):

CONTACT: BSP: Kate Newman 202-778-9524, fax  
202-861-8324; ACTS: Alison Field-Juma

PROGRAM OFFICER: Kate Newman

REGION: Africa, Various, Various

BIOME: Non-specific

PURPOSE: The purpose of this project is to develop the concept of environmental governance in the context of sustainable development in east and southern Africa (ESA). The project will establish a framework for policy research on environmental governance issues to generate options for policy reform which support sustainable management of natural resources in the ESA region.

DESCRIPTION: The project aim is to develop a conceptual understanding of environmental governance at the regional, national and community levels that is based on the priorities and specific situations of the ESA countries; analyze the key governance issues in environmental management in the ESA region; develop a research agenda; and build a consultative process with

415410

REVISION DATE: 06/07/95

policy makers to create a public forum for debate.

**SIGNIFICANCE:** Sustainable development depends on the existence of systems of governance that are suited to each country's socio-economic context which promote citizen responsibility and government responsiveness in natural resource management and environmental problem solving. The challenge lies in developing links between local activities and interests and national and international decision making.

**TECHNICAL REPORTS or PUBLICATIONS:** Technical Report; Synthesis paper; Manuscripts of commissioned studies.

**OTHER OUTPUTS:**

**UPDATE:** A call for manuscripts has been initiated. The review process will continue into the next reporting period.

415610  
REVISION DATE: 06/07/95

STATUS: Ongoing  
TITLE: Global Climate Change III  
TYPE OF ACTIVITY:  
PRIMARY Program/Project Evaluation & Monitoring  
FUNDING: \$100,000.00 (AFR Bureau)  
START DATE: 09/01/94  
END DATE: 09/30/95  
PRIMARY IMPLEMENTOR: BSP  
PRIMARY IMPLEMENTOR TYPE: International NGO  
OTHER IMPLEMENTOR (s):  
OTHER IMPLEMENTOR TYPE (s):  
COLLABORATOR (s):  
CONTACT: BSP: Kate Newman 202-778-8524, fax  
202-861-8324; WRI: Peter Veit  
202-662-2586  
PROGRAM OFFICER: Kate Newman  
REGION: Africa, Various, Various  
BIOME: Various

PURPOSE: The purpose of this project is to build on the Country Studies Program's support to vulnerability and adaptation assessments in Africa by assisting select countries with their evaluation of adaptation options and by exploring ways to incorporate these options into national sustainable development and environmental management plans.

DESCRIPTION: Working in two focal countries, the project will: 1) demonstrate how national development and environment priorities can be addressed through participation in global environmental agreements (i.e. The Climate Convention); 2) facilitate implementation to the International Climate Convention by helping to better define the characteristics of adaptation activities through country specific examples; and 3) enhance networking among African NGOs, research and policy makers involved in

415610

REVISION DATE: 06/07/95

Country Studies Vulnerability and Adaptation Assessments and National Environmental Action Plans.

**SIGNIFICANCE:** A comprehensive, international effort to understand and respond to the threat of global climate change (GCC) is underway, as scientists, NGOs and policy makers work to facilitate the Framework Convention on Climate Change. On the one hand, the convention commits the international community to provide financial and technical assistance for adaptation activities, however, it provides little or no region specific adaptation strategies or estimates of the potential costs. In a response to this situation, the U.S. supported the Country Studies Program which is currently assisting twelve African countries to facilitate adequate adaptation to climate change. To compliment this effort, this project will focus on Africa's Global Climate Change adaptation mechanisms related to such issues such as biodiversity, agriculture and food security, forests and sea level rise.

**TECHNICAL REPORTS or PUBLICATIONS:**

**OTHER OUTPUTS:**

**UPDATE:** The adaptation project has moved from the planning stage into the implementation stage. Malawi has been chosen as the focal country for the project, focussing on three major components: 1) supporting technical assistance to integrate adaptation with policy; 2) extending the Malawi experience to others working on adaptation; and 3) linking the African experience to international policy formulation.

In February Kate Newman, BSP Program Manager, attended the U.S. Country Studies Vulnerability Workshop in Honolulu, HI. In March Liz Cook from WRI attended the Regional Vulnerability Adaptation Workshop in Harare, Zimbabwe and she and Chris Elias, also of WRI met with Malawi's Country Studies team in Malawi to determine how to move forward with a Malawi case study.

415810

REVISION DATE: 06/07/95

STATUS: New

TITLE: Biodiversity Monitoring and Evaluation  
(BIOME)

TYPE OF ACTIVITY:  
PRIMARY Various

FUNDING: \$350,000.00 (AFR Bureau)

START DATE: 11/01/94

END DATE: 12/31/96

PRIMARY IMPLEMENTOR: Various

PRIMARY IMPLEMENTOR TYPE: Various

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s): Various

CONTACT: Kate Newman: (202) 778-9524; Lea  
Borkenhagen: (202) 822-3475

PROGRAM OFFICER: Kate Newman

REGION: Africa, Various, Various

BIOME: Various

PURPOSE: Objective 1:

Through observation and action, and by using a participatory approach, BIOME will give participants the opportunity to:

- a) deepen their knowledge of biodiversity conservation techniques, approaches and practices through sharing their expertise and through visiting other project sites;
- b) enhance their skills in designing and implementing an analytical tools to be used on biodiversity conservation projects;
- c) determine whether and how certain biodiversity conservation practices can be transferred to other projects;
- d) teach and learn design and implementation techniques through participation and through dialogue with other project managers;
- e) apply this knowledge and enhances skills to their own projects

**Objective 2:**

- a) Design a methodology to analyze biodiversity conservation projects;
- b) enhance our knowledge of contexts and decision making strategies that enable the conservation of biodiversity, and use this knowledge to provide project managers with tools to identify and implement appropriate practices for biodiversity conservation.

**Objective 3:**

- a) Have BIOME participants evaluate the importance of the principles raised in the book, African Biodiversity: Foundation for the Future, for biodiversity conservation projects in the field;
- b) List other principles that were not raised in the book.

**Objective 4:**

Establish a network of the participating projects and their managers.

**DESCRIPTION:** There are three main parts of the BIOME project:

**First Workshop -**

This will be a nine day workshop to be held in May, 1995, in Ouagadougou, Burkina Faso, during which project managers will:

- a) become familiar with the other projects in BIOME;
- b) evaluate the relevance and importance of the principles raised in the book, African Biodiversity: Foundation for the Future;
- c) establish a network of biodiversity conservation projects throughout Africa;
- d) showcase successful biodiversity conservation strategies and discussed why and within what context they are likely to be transferable;
- e) enhance their skills in participatory learning and listening;
- f) work on a design for an analysis to be applied to biodiversity conservation projects across Africa.

**Interim -**

At BSP and through dialogue with the participants and the advisors to the Biodiversity Analysis for Africa (BAA) Project, finalize the analytical tool the project managers will use.

**Cross Project Site Visits -**

Twenty one project managers from eleven projects will visit other projects across Africa. (Each project team of two will visit one project and be visited by another project.)

415810

REVISION DATE: 06/07/95

Final Workshop -

Synthesize the analyses and finalize the analytical tool so that it can be used by other project managers, implementors and policy makers not involved in BIOME.

SIGNIFICANCE: The BIOME component of the Biodiversity Analysis for Africa (BAA) Project aims to implicate project implementors and managers in:

- 1) sharing knowledge of biodiversity conservation techniques across Africa;
- 2) designing an analytical tool that can be used on any conservation project to understand what practices or approaches might be useful and transferable to another project;
- 3) enabling this information to be communicated to policy makers and donors.

TECHNICAL REPORTS or PUBLICATIONS: 1) A description of the process of BIOME.

- 2) A report on effective biodiversity conservation practices used by the projects in BIOME.
- 3) An analysis of the biodiversity conservation projects taking part in BIOME.

OTHER OUTPUTS: 1) A network of biodiversity conservation project managers.

- 2) An analytical tool that can be used on any conservation project in order to learn about what practices or approaches may be useful in other projects.
- 3) Various other outputs to be decided.

UPDATE:

417000  
REVISION DATE: 06/02/95

STATUS: Ongoing

TITLE: Mexico Global Climate Change IV

TYPE OF ACTIVITY:  
PRIMARY Various

FUNDING: \$1,026,000.00 (LAC Bureau)

START DATE: 07/01/95

END DATE: 04/30/96

PRIMARY IMPLEMENTOR: Various

PRIMARY IMPLEMENTOR TYPE:

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s): Various

CONTACT: BSP: Meg Symington (202)778-9727, fax  
(202)293-9211; AID/Mexico: Frank  
Zadroga 525-211-0042, fax 525-207-7558

PROGRAM OFFICER: Meg Symington

REGION: LAC, Mexico, Various

BIOME: Various

PURPOSE: To design and implement projects to promote environmentally sound community development around biologically important, threatened wildland areas in Mexico. The overall goals of the program are to decrease the rate of deforestation in these wildland areas and to protect them as healthy diverse ecosystems, while achieving sustainable methods and levels of resource use for the people living in and around the wildland areas.

DESCRIPTION: This add-on covers Mexico GCC activities in northern Mexico (417021, 417022) and southern Mexico (417030). Please see these activity descriptions for further detail on these initiatives.

SIGNIFICANCE: Mexico is a focal country for USAID's Global

417000

REVISION DATE: 06/02/95

Climate Change initiative. This program is designed to aid in decreasing emissions of greenhouse gases due to deforestation, while simultaneously conserving the regions's rich biological diversity, and improving the quality of life for the region's rural people.

TECHNICAL REPORTS or PUBLICATIONS:

OTHER OUTPUTS:

UPDATE: A budget has been submitted to USAID/Mexico for Year 5 of the Global Climate Change Program and funds are expected to arrive in August.

417021  
REVISION DATE: 06/02/95

STATUS: Ongoing

TITLE: Building a System of Community Reserves  
and Advisory Network in the Sierra Madre  
Occidental, Chihuahua Mexico

TYPE OF ACTIVITY:

PRIMARY	Community Development
SECONDARY	Sustainable Use
MINOR	Protected Areas
MINOR	Education/Public Awareness

FUNDING: \$50,000.00 (LAC Bureau)

START DATE: 07/01/94

END DATE: 08/31/95

PRIMARY IMPLEMENTOR: Forest Guardians

PRIMARY IMPLEMENTOR TYPE: NGO

OTHER IMPLEMENTOR (s):

1. CASMAC

OTHER IMPLEMENTOR TYPE (s):

1. NGO

COLLABORATOR (s):

CONTACT: BSP: Meg Symington (202)778-9727, fax  
(202)293-9211; Forest Guardians:  
Randall Gingrich (505)988-9126, fax  
(505)989-8623

PROGRAM OFFICER: Meg Symington

REGION: LAC, Mexico, Sierra Madre Occidental

BIOME: Temperate Forest & Grasslands

PURPOSE: To provide assistance to indigenous communities in the  
Sierra Madre occidental with issues such as land tenure, ejido  
regulations, grassroots development and conservation problems.

DESCRIPTION: This project began in 1993 with a vision of a  
grassroots support network to build the capacity for  
community-based ecosystem management in the Sierra Madre

417021

REVISION DATE: 06/02/95

Occidental of southern Chihuahua. Working with a team of indigenous promoters, traditional community authorities, anthropologists, lawyers, engineers and politicians, the project has three major components that are linked by a support network and education programs. The three project components parallel the highest priorities of the indigenous communities in the Sierra: indigenous and human rights, appropriate development and training, and protection of natural resources.

The primary environmental objective in this year of the project is to assist communities to gain recognition for community forest reserves at the local and federal level. Article 27 of the Mexican constitution and new legislation protecting indigenous rights at the state and federal levels (drafted by CASMAC and associates) have opened the possibility for ejidos and communities within ejidos to form protected areas. In the course of conducting workshops throughout the southern Chihuahuan Sierra over the past two years, CASMAC has received proposals from 11 communities and ejidos to protect over 66,000 ha of forest and barrancas. Although environmental problems are widespread in the Sierra, the threats are greatest to the old growth pine-oak forests. Pino Gordo and Baborigame both have sizeable stands of old growth to protect and the community organization and will to make it happen. Thus, these two communities will be the primary focus of the project this year.

**SIGNIFICANCE:** This project is directly relevant to BSP's mandate to pursue activities which integrate conservation of biodiversity with grassroots development work.

**TECHNICAL REPORTS or PUBLICATIONS:** Interim and final technical reports.

**OTHER OUTPUTS:**

**UPDATE:** The project has encountered some political resistance to their work in Baborigame, and will thus focus on Pino Gordo for the duration of the year. An article on the human rights and environmental situation in the Sierra, featuring CASMAC's work in the region, appeared in the March, 1995 issue of Outside magazine.

417022  
REVISION DATE: 06/02/95

STATUS: Ongoing

TITLE: Organización Comunitaria y Capacitación  
para la Gestion y la Conservación en la  
Reserva de la Biosfera "El Cielo,"

TYPE OF ACTIVITY:

PRIMARY	Community Development
SECONDARY	Buffer Zone Management
MINOR	Sustainable Use
MINOR	Training
MINOR	Education/Public Awareness

FUNDING: \$75,000.00 (LAC Bureau)

START DATE: 09/01/94

END DATE: 10/31/95

PRIMARY IMPLEMENTOR: Terra Nostra, A.C.

PRIMARY IMPLEMENTOR TYPE: NGO

OTHER IMPLEMENTOR (s):

1. Instituto de Ecologia, A.C.

OTHER IMPLEMENTOR TYPE (s):

1. NGO

COLLABORATOR (s): SEDESOL-Estado de Tamaulipas,  
Universidad Autonoma Metropolitana  
Xochimilco, Universidad Autonoma de  
Tamaulipas, Consejo para la Cultura y  
las Artes

CONTACT: BSP: Meg Symington (202)778-9727, fax  
9202)293-9211; Terra Nostra: Sergio  
Medellin tel/fax 521-315-0746

PROGRAM OFFICER: Meg Symington

REGION: LAC, Mexico, El Cielo Biosphere Reserv

BIOME: Temperate Forest & Grasslands

PURPOSE: To design and implement projects to promote  
environmentally-sound community development around the El Cielo  
Biosphere Reserve. The overall goal of the program is to

417022

REVISION DATE: 06/02/95

decrease the rate of deforestation in this wildland area, and to protect it as a healthy diverse ecosystem, while achieving sustainable methods and levels of resource use for the people living in and around it.

**DESCRIPTION:** This is the second year of BSP support to this project. During the first year of the project, a series of six interactive workshops was carried out with the participation of residents from five communities in the El Cielo Biosphere Reserve. The workshops were of two types: Community diagnostics and community forums. The purpose of the workshops was to assist the residents of the Reserve in the development of a basic research/action plan that would enable them to plan and implement productive projects that are environmentally sustainable and in accord with the conservation objectives of the Reserve.

The work of the first year permitted the identification of local leaders, who will, in the second year, be trained by the project as community promoters. 20 community promoters from 5 different communities will be trained over the course of the year through 10 monthly interactive workshops/courses of 4-5 days in duration. The training will emphasize environmental education and environmentally-sound alternative economic activities. By the end of the year, a minimum of three productive projects, linked to conservation and/or ecological restoration, will be underway.

**SIGNIFICANCE:** Mexico is a focal country for USAID's Global Climate Change Initiative. Northern Mexico has been relatively neglected by the international conservation community despite its rich diversity of species and ecosystems. This project is directly relevant to BSP's mandate to pursue activities which integrate conservation of biodiversity with grassroots development work, and refine the biosphere reserve concept.

**TECHNICAL REPORTS or PUBLICATIONS:** The first interim technical report was submitted in April. Many other reports and publications will be generated by the project.

**OTHER OUTPUTS:**

**UPDATE:** The first community promoter training workshops were held in April and May, 1995. Progress is good on all fronts, and collaboration with the State Office of Social Development (which oversees the management of the reserve) has improved greatly.

417030  
REVISION DATE: 06/02/95

STATUS: Ongoing

TITLE: Mexico Ecodevelopment Program IV

TYPE OF ACTIVITY:

PRIMARY	Buffer Zone Management
SECONDARY	Community Development
MINOR	Sustainable Use
MINOR	Program/Project Evaluation & Monitoring
MINOR	Socio-cultural Analysis and Research
MINOR	Training

FUNDING: \$800,000.00 (LAC Bureau)

START DATE: 07/01/94

END DATE: 04/30/96

PRIMARY IMPLEMENTOR: World Wildlife Fund

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):

1. Maderas del Pueblo
2. Pronatura Peninsula de Yucatan
3. Linea Biosfera
4. Instituto Historia Natural de Chiapas
5. Consejo Regional de Xpujil

OTHER IMPLEMENTOR TYPE (s):

1. NGO
2. NGO
3. NGO
4. Government
5. NGO

COLLABORATOR (s): CESMACH, Union de Ejidos "El Triunfo del los Pobres," British Council, EC, ODA, WWF-UK, Bosque Modelo

CONTACT: BSP: Meg Symington (202)778-9727, fax (202)293-9211; WWF: Edgar Maravi (202)861-8321, fax (202)293-9211; USAID/Mexico: Frank Zadroga 525-211-0042, fax 525-207-7558

PROGRAM OFFICER: Meg Symington

REGION: LAC, Mexico, Various

BIOME: Tropical Moist Forest

417030

REVISION DATE: 06/02/95

**PURPOSE:** To design and implement projects to promote environmentally-sound community development around biologically important, threatened wildland areas in southeastern Mexico. The overall goal of the program is to decrease the overall rate of deforestation in these wildlands areas, and to protect them as healthy diverse ecosystems, while achieving sustainable methods and levels of resource use for the people living in and around them.

**DESCRIPTION:** This is the fourth year of the Mexico-Ecodevelopment Program. The program focuses on environmentally-sound community development in the buffer zones of priority wildland areas in southern Mexico. The following subprojects are funded under this program: (A) alternative Development in the Chimalapas, Oaxaca, Maderas del Pueblo, A.C.; (B) Community Development and Sustainable Management of the Calakmul Biosphere Reserve, Campeche, Pronatura Peninsula de Yucatan; (C) Alternative Agriculture, Community Development and Environmental Education in the El Ocote Ecological Reserve, Chiapas, Linea Biosfera, A.C.; (D) Ecodevelopment in El Triunfo Biosphere Reserve, Chiapas, Instituto Historia Natural; (E) Sustainable Forest Management in the Xpujil Region, Consejo Regional de Xpujil. Each subproject is implemented by a Mexican NGO with experience in and commitment to its particular wildland area. Technical assistance, oversight and coordination is provided by the WWF Mexico program. Annual meetings, staff exchanges, training events and a full-time field coordinator link the subprojects into a coherent program. Monitoring and evaluation activities are centrally coordinated through BSP and WWF.

**SIGNIFICANCE:** Mexico is a focal country for USAID's Global Climate Change initiative. Southern Mexico has several internationally significant protected areas that are under serious threats (forest conversion, logging, agriculture, poaching). This project is directly relevant to BSP's mandate to pursue activities which integrate the conservation of biodiversity with grassroots development work, and expand and refine the biosphere reserve concept.

**TECHNICAL REPORTS or PUBLICATIONS:** Semi-annual and final technical reports.

**OTHER OUTPUTS:**

**UPDATE:** The most important achievement of the program during this reporting period are: 1) analysis of the mid-term evaluation report, and review of the program's conceptual framework, program-wide initiatives, technologies, and project designs to make activities more effective and to incorporate lessons learned; 2) introduction of GIS technology in the projects to assist with monitoring land use and land cover changes, as well

417030

REVISION DATE: 06/02/95

as to promote participation in land use planning at the community level; 3) geographic expansion of the sustainable agriculture techniques promoted by the program (crop association and rotation, cover crops, green manures, new cropping densities) to a level of participation of over 1000 families on more than 500 ha; 4) improvement of extension and outreach techniques through the incorporation of campesino promoters into project teams; 5) orientation and consolidation of the program's field interventions within a watershed management context to avoid earlier problems of activities appearing isolated and scattered; 6) leveraging of significant additional donor resources of the program from WWF-UK/ODA and the European Community.

417200  
REVISION DATE: 06/02/95

STATUS: New

TITLE: Analysis of Mining Policies in Brazil

TYPE OF ACTIVITY:  
PRIMARY Public Policy  
SECONDARY Resource Ecological Economics

FUNDING: \$100,000.00 (G/ENR & STATE/OES)

START DATE: 11/01/94

END DATE: 11/30/96

PRIMARY IMPLEMENTOR: Instituto do Homem e Meio Ambiente da Amazonia (IMAZON)

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s):

CONTACT: Meg Symington (202)778-9727, fax  
(202)293-9211; IMAZON Andre Guimaraes  
tel/fax 55-91-235-4214

PROGRAM OFFICER: Meg Symington

REGION: LAC, Brazil, Eastern Amazon Basin

BIOME: Tropical Moist Forest

PURPOSE: To analyze the policies associated with the mining sector in Amazonia, the institutions charged with carrying out those policies, and the costs of implementation for the policies. Armed with an understanding of the legislation's shortcomings and failures in the implementation process, IMAZON will develop alternative, more streamlined approaches to responsible mining in Amazonia.

DESCRIPTION: Amazonia covers about 4 million square kilometers of the Earth's surface. It is a region rich in biodiversity, but also well endowed with valuable mineral and timber resources. The eastern and southern portions of the Basin have aggressively settled over the past 30 years by ranchers, farmers, miners and

165

417200

REVISION DATE: 06/02/95

lumber men. Of all the different economic activities carried out by settlers, decisions made in the mining sector are likely to exert the most impact on the Amazon environment over the next century. Indeed, Amazonia is a miner's dream containing the rich deposits of bauxite, iron ore, manganese, diamonds, nickel, chromite, copper and gold. These riches, properly administered, could conceivably provide the wealth necessary to create healthy and diversified economies in Amazonia. However, there are few signs this is likely to happen. The presence of large mining companies, such as CVRD, has not generally benefitted local communities, and small-scale gold miners have invaded Indian and government lands, altering stream channels, increasing the load of suspended sediments in streams, and leading to public health problems (i.e., spread of contagious disease). There are also severe pollution problems associated with both industrial mining (slag disposal) and small-scale gold mining (mercury pollution).

IMAZON works to promote sustainable resource use through a program involving applied research and training. IMAZON is based on the idea that the power of scientists to influence prevailing patterns of resource use lies in the appropriateness and quality of the information produced, and in the ability of scientists to make that information accessible to those working at state, county, and community levels. IMAZON's research projects focus on five principal resource use activities in the Eastern Amazon: ranching, agriculture, mining, logging, and forestry. In general, these activities are not practiced in responsible and sustainable ways at present. In this project, IMAZON will gain an in-depth understanding of the laws which govern mining activities by evaluating their relevance, the cost of their implementation and the completeness of their implementation.

**SIGNIFICANCE:** The mining sector has increasing impact on conservation issues throughout Latin America, but has been little analyzed or examined. This project directly addresses BSP's mandate to integrate economic development with the conservation of biodiversity.

**TECHNICAL REPORTS or PUBLICATIONS:** Interim and final technical reports.

**OTHER OUTPUTS:**

**UPDATE:**

580136

REVISION DATE: 06/07/95

STATUS: Ongoing

TITLE: AID Biodiversity Portfolio for Africa

TYPE OF ACTIVITY:  
PRIMARY Program/Project Evaluation & Monitoring

FUNDING: \$10,000.00 (S&T/FENR)

START DATE: 05/01/91

END DATE: 12/31/94

PRIMARY IMPLEMENTOR: BSP

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s):

CONTACT: BSP: Kate Newman 202-778-9524; fax  
202-293-9211, Jim Webster  
202-778-9786; AID/Africa: Tim Resch  
703-235-3786; fax 703-235-3805

PROGRAM OFFICER: Kate Newman

REGION: Africa, Various, Various

BIOME: Non-Specific

PURPOSE: This technical assistance activity will strengthen the Africa Bureau's efforts to conserve biological diversity by examining past projects and studying how future A.I.D. efforts could be better targeted to address the continent's needs. These activities will provide basic information on what the Bureau has done to conserve biodiversity, highlight lessons learned from past activities, and provide an analytical basis for future Bureau efforts in this area.

DESCRIPTION: BSP is conducting a technical review of the Africa Bureau's biodiversity project portfolio, consisting of 35 grants that have been initiated since 1987. The Bureau requires this information to revise and update their biodiversity strategy.

580136

REVISION DATE: 06/07/95

The knowledge gained from the review will also aid the pilot demonstration project component of the Africa Bureau add-on (PD9102) to BSP.

**SIGNIFICANCE:** This activity will (a) collect, evaluate, and disseminate information and (b) seek out evaluation information that will document successes, failures, and lessons learned. Results of the research will be applied to the design, modification and implementation of on-going activities. The portfolio and strategy reviews will enable the Africa Bureau to assess its first four years of effort in this sector, refine its funding priorities, and improve the quality of its future biodiversity initiatives. Because this is a relatively new area of involvement, many people are not aware of what the Bureau has done to conserve biodiversity and what projects have been successful and why. This activity will fill these gaps in knowledge and help them to develop an analytical basis for future projects.

**TECHNICAL REPORTS or PUBLICATIONS:** BSP Publication, "Conserving Biodiversity in Africa: A Review of the USAID Africa Bureau's Biodiversity Program"

**OTHER OUTPUTS:**

**UPDATE:** The dissemination of the BSP publication "Conserving Biodiversity in Africa: A Review of the USAID Africa Bureau's Biodiversity Program" has been produced is underway and will continue into the next reporting period.

580232  
REVISION DATE: 05/15/95

STATUS: Ongoing  
TITLE: 1991 Research Grants Competition  
TYPE OF ACTIVITY:  
PRIMARY Various  
FUNDING: \$613,504.00 (S&T/FENR)  
START DATE: 08/01/90  
END DATE: 08/01/95  
PRIMARY IMPLEMENTOR: Various  
PRIMARY IMPLEMENTOR TYPE: Various  
OTHER IMPLEMENTOR (s):  
OTHER IMPLEMENTOR TYPE (s):  
COLLABORATOR (s):  
CONTACT: BSP: Meg Symington 202-778-9727, fax  
202-293-9211, Ilana Locker 202-778-9793,  
fax 202-293-9211  
PROGRAM OFFICER: Meg Symington  
REGION: Various, Various, Various  
BIOME: Various  
PURPOSE: To fund studies addressing specific research issues  
relevant to A.I.D.'s conservation activities worldwide.

DESCRIPTION: In August 1990, BSP initiated a small grants program to fund biodiversity-related research. A research review committee was convened following the guidelines in the Cooperative Agreement (one representative from WWF, one representative from a cooperating PVO--WRI or TNC, one representative from A.I.D. who chairs the Research Review Committee, two representatives from the academic community, and one representative from a private foundation). A request for proposals (RFP) was drafted with input from the research review committee, and distributed widely to conservation professionals, academics, and NGOs in the U.S. and developing countries. The

580232

REVISION DATE: 05/15/95

RFP solicited proposals with an ecological, economic, anthropological, or socio-political focus, or utilizing an interdisciplinary methodology combining two or more of these approaches. Sample research topics particularly mentioned in the RFP included: techniques to facilitate rapid assessments of biodiversity; impact of different harvesting practices on maintaining biodiversity; effectiveness of buffer zones; restoration ecology; dependence of tribal peoples; land tenure and traditional access; and impacts of macroeconomic policies on exploitation of biological diversity. The maximum award was \$15,000.

BSP received 165 proposals for research from 46 A.I.D. assisted countries by the November 15 deadline. Over half of these (87) were from Latin America, with the rest fairly evenly divided between Asia and the Near East (41) and sub-Saharan Africa and Madagascar (36). Proposals were accepted in four languages (English, Spanish, French or Portuguese) with BSP staff and reviewers having capability in all four. The research review committee met in late January 1991 to review the proposals, and, as a result of their review, 45 proposals totaling just under \$627,000 were approved for funding. Preference was given to projects designed and implemented by scientists from A.I.D. assisted countries and/or studies in which funding provided by BSP permitted the participation of host-country researchers in larger team projects. Priority was given to those proposals in which a host-country scientist was a principal investigator, and projects could not exceed two years in duration. Another 22 proposals were classified by the committee as acceptable, but of lower priority given the limited funds available.

Mission concurrence was sought and obtained for those proposals selected for funding by the committee, and award disbursement began in April 1991.

**SIGNIFICANCE:** The Research Review Committee was impressed by the generally high quality of the proposals and the demonstrated need for such small grant support to developing-country researchers.

The Cooperative Agreement calls for a small grants program that supports research relevant to A.I.D.'s conservation activities worldwide.

**TECHNICAL REPORTS or PUBLICATIONS:** Each grantee is required to write interim and final technical reports.

**OTHER OUTPUTS:**

**UPDATE:** 36 of the 44 grants from the first research grants competition have been officially closed out and most of the remaining final reports are expected soon.

580242

REVISION DATE: 05/15/95

STATUS: Ongoing

TITLE: 1992 Research Grants Competition

TYPE OF ACTIVITY:  
PRIMARY Various

FUNDING: \$500,000.00 (R&D/ENR)

START DATE: 08/01/91

END DATE: 12/31/95

PRIMARY IMPLEMENTOR: Various

PRIMARY IMPLEMENTOR TYPE: Various

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s): Various

CONTACT: BSP: Meg Symington, 202-778-9727, fax  
202-293-9211; Ilana Locker,  
202-778-9793, fax 202-293-9211

PROGRAM OFFICER: Meg Symington

REGION: Various, Various, Various

BIOME: Various

PURPOSE: To fund studies addressing specific issues relevant to  
USAID's conservation activities worldwide.

DESCRIPTION: On 15 August 1991, BSP released a second call for proposals to fund biodiversity-related research in USAID-assisted countries worldwide. The program will be based on last year's (see Activity RE901) with modifications as suggested by the USAID Project Implementation Advisory Committee and the Research Review Committee. Proposals were due on November 15, 1991, and grant funds were available to successful applicants the following April.

SIGNIFICANCE: Through this activity, BSP offers funding to

580242

REVISION DATE: 05/15/95

projects of short-term and/or in need of low-level financing. Many innovative research projects have led to long-term or creative management schemes. Thirty out of 34 of this year's grantees are from developing countries; the remaining four grants allocated the funds to host-country collaborators. By keeping the funding level low, BSP can support a variety of innovative projects without having to rely on expatriate talent.

TECHNICAL REPORTS or PUBLICATIONS: Outputs of individual grants will vary widely, but each grantee is required to write both interim and final technical reports.

OTHER OUTPUTS:

UPDATE: 23 of the 34 grants awarded in BSP's second competition have been completed. The expiration dates for the remaining 11 have been extended due to unforeseen delays encountered by the researchers.

580252  
REVISION DATE: 05/15/95

STATUS: Ongoing  
TITLE: 1993 Research Grants Competition  
TYPE OF ACTIVITY:  
PRIMARY Various  
FUNDING: \$500,000.00 (R&D/ENR)  
START DATE: 01/01/93  
END DATE: 12/31/95  
PRIMARY IMPLEMENTOR: Various  
PRIMARY IMPLEMENTOR TYPE: Various  
OTHER IMPLEMENTOR (s):  
OTHER IMPLEMENTOR TYPE (s):  
COLLABORATOR (s): Various  
CONTACT: BSP: Meg Symington, 202-778-9727, fax  
202-293-9211; Ilana Locker,  
202-778-9793, fax 202-293-9211  
PROGRAM OFFICER: Meg Symington  
REGION: Various, Various, Various  
BIOME: Various  
PURPOSE: To fund studies addressing specific issues relevant to  
USAID's conservation activities worldwide.

DESCRIPTION: On January 12, 1993, BSP released a third call for proposals to fund biodiversity-related research in USAID-assisted countries worldwide. The program is based on the research grants competition of the two previous years (see Activity RE901 and Activity RE911). Modifications were made to this year's Request for Proposals (RFP) so that the research themes stated in the RFP more closely match BSP's new strategy. Proposals are due on April 30, 1993, and grant funds will be available to successful applicants next September.

580252

REVISION DATE: 05/15/95

**SIGNIFICANCE:** Through this activity, BSP offers funding to projects of short-term and/or in need of low-level financing. Many innovative research projects have led to long-term or creative management schemes. By keeping the funding level low, BSP can support a variety of innovative projects without having to rely on expatriate talent.

**TECHNICAL REPORTS or PUBLICATIONS:** Outputs of individual grants will vary widely, but each grantee is required to write both interim and final technical reports.

**OTHER OUTPUTS:**

**UPDATE:** 8 of the 43 grants awarded in BSP's third research grants competition have been completed and almost all have submitted interim reports. In addition, 13 of these grantees will attend the 1995 Society for Conservation Biology meeting in Fort Collins, CO, June 7-11, 1995 (see activity 414030 for more information).

580341  
REVISION DATE: 06/14/95

STATUS: Ongoing

TITLE: OD Institutional Strengthening and Training II

TYPE OF ACTIVITY:  
PRIMARY Training  
SECONDARY Institutional Support

FUNDING: \$75,000.00 (R&D/ENR)

START DATE: 04/01/92

END DATE: 08/31/95

PRIMARY IMPLEMENTOR: WWF

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):  
1. MONARCA, A.C.  
2. Progressive Strategies

OTHER IMPLEMENTOR TYPE (s):  
1. NGO  
2. Private

COLLABORATOR (s):

CONTACT: BSP: Bruce Leighty 202-778-9685 fax  
202-293-9211; WWF: Bruce Moffat  
202-778-9610 fax 202-293-9211.

PROGRAM OFFICER: Bruce Leighty

REGION: Various, Various, Various

BIOME: Non-Specific

PURPOSE: This initiative is to provide follow-up to and continue development of the first year's efforts (see TR9005) to prepare training programs and materials in proposal design, financial resource development, and human resource development with the objective of building organizational capacity and increasing institutional sustainability of indigenous NGOs.

DESCRIPTION: BSP is continuing to provide support to selected

580341

REVISION DATE: 06/14/95

efforts of World Wildlife Fund's Organizational Development Program (ODP) for a second year. ODP will develop training and resource materials, and run training workshops to expand and improve the abilities of non-governmental and governmental staff members to: 1) produce effective proposals, 2) manage and guide staff development, 3) cultivate and manage financial resources, and 4) facilitate workshops designed to teach organizational management skills to others.

Under the project, the Organizational Development Program will specifically:

- a) run a Proposal Design Workshop for Mexican NGOs and institutions as a final field test of training methodologies and materials developed for instruction of fund raising (see TR9201-01/580343
- b) publish two (2) self-help guides in both English and Spanish, one on Human Resources Development and another on Financial Resource Development, and develop and disseminate a manual to be used by trainers who will lead workshops on proposal design (see TR9201-02/580344); and
- c) develop a methodology and materials for training others to be workshop facilitators. This effort will include field testing a pilot workshop to be held in the Andean region April 1995.

ODP's workshops and materials will reach conservationists directly responsible for the development of proposals and will help them build upon their skills to design more effective projects. Self-help guides in human and financial resources development will extend assistance in staff and skill enhancement to a broad audience. The development and field-testing of training methodologies will assist in the transfer of skills to members of in-country organizations who can train others, thereby enlarging the network of in-country trainers and establishing a self-sustaining knowledge base in these areas of organizational development.

**SIGNIFICANCE:** Lack of institutional strengthening and organizational development in developing countries is a serious constraint to achieving conservation goals. This is often evidenced by weaknesses in designing effective projects, writing good proposals, establishing partnerships with donors, developing financial skills, and managing human resources. This collaboration between BSP and ODP seeks to develop permanent materials and methodologies to strengthen the capacity of scientists and organizations in these key areas. The materials developed will be applicable and available for use beyond the specific regions and countries in which they were developed.

**TECHNICAL REPORTS or PUBLICATIONS:** A Guide to Human Resource Development, in English and Spanish; A Guide to Financial

580341

REVISION DATE: 06/14/95

Resource Development, in English and Spanish; A Facilitator Manual for the Proposal Design Workshop.

OTHER OUTPUTS:

UPDATE: A workshop on Proposal Design was held in Cuernavaca, Mexico, May 18-22, 1992 (see TR921A). The English version of a Guide to Financial Resources Development was published and became available in January, 1993. The Spanish version of the Guide has gone through a final edit and was sent to the printer in the summer of 1995. The draft of the Guide to Human Resource Development, in English, was revised and completed in the spring of 1995. It is scheduled for publication in English and translation into Spanish during the summer of 1995. The Facilitator Manual for the Proposal Design Workshop has been written. The Latin American pilot of the Training of Trainers Workshop will be field-tested in the Andean region in April 5-8, 1995, under the auspices of Ecofondo (trust fund).

580344  
REVISION DATE: 06/14/95

STATUS: Ongoing

TITLE: Publication of Self-Help and Facilitator Guides

TYPE OF ACTIVITY:  
PRIMARY Training  
SECONDARY Institutional Support

FUNDING: \$25,000.00 (R&D/ENR)

START DATE: 04/01/92

END DATE: 08/31/95

PRIMARY IMPLEMENTOR: WWF

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s):

CONTACT: BSP: Bruce Leighty 202-778-9685 fax  
202-293-9211; WWF: Bruce Moffat  
202-778-9610 fax 202-293-9211.

PROGRAM OFFICER: Bruce Leighty

REGION: Various, Various, Various

BIOME: Non-Specific

PURPOSE: ODP intends to develop and publish two self-help guides, one on Human Resource Development and a second on Financial Resource Development, that can be used independently by NGOs in building their capacity to cultivate and manage staff capabilities and financial resources, and a manual for in-country trainers who will run workshops on proposal design for members of their own and other organizations, thereby assisting in a skills transfer to a broad base of people.

DESCRIPTION: The self-help publications will individually guide organizations through the steps necessary to assess institutional needs and resources, then respond by developing accurate budgets,

effective funding strategies, sound financial management systems and active programs to motivate staff and develop their capabilities. Self-help guides can complement or be used in lieu of workshops, (which may require travel and absences from work), making them a useful method of offering assistance and skill development to as broad an audience as possible while providing a permanent reference source. Translation of the guides into Spanish will increase their accessibility.

A facilitator manual for leading Proposal Design workshops will assist local people in transferring the skills they have learned to others within their region. It will offer them tested methodologies for teaching the concepts and skills associated with developing effective proposals, and help them expand the number of people whose capabilities have been strengthened.

**SIGNIFICANCE:** Indigenous institutions often have difficulty locating, obtaining and managing resources that are needed in achieving their conservation goals. Without proof of sound financial management, additional funding is often unobtainable. In addition, ineffective use of staff may constrain an organization from performing at its best, and strain the development and implementation of field programs.

This collaboration between BSP and ODP seeks to develop permanent materials and methodologies to strengthen the capacity of scientists and organizations in these key areas. Self-help guides will allow non-governmental and governmental organizations to independently obtain needed institutional development skills. The manual for facilitators will assist local trainers in transferring proposal design skills to others in a workshop setting. The materials developed are applicable and available for use beyond the specific regions and countries in which they were developed.

**TECHNICAL REPORTS or PUBLICATIONS:** A Guide to Financial Resource Development, in English and Spanish; a Guide to Human Resource Management, in English and Spanish; and a Facilitator Manual for the Proposal Design Workshop.

**OTHER OUTPUTS:**

**UPDATE:** The self-help guide on Financial Resource Development in English was published in January, 1993. The Spanish version has been edited and will be sent to the printer in summer 1995. Distribution will be made to in-country individuals and organizations through the World Wildlife Fund's regional programs. The Human Resource Development Guide was revamped in late 1994 for publication in English and translation into Spanish during 1995. The Facilitator manual for the Proposal Design Workshop has been completed in English and is now in use. This

580344

REVISION DATE: 06/14/95

manual has also been translated into Spanish.

580345  
REVISION DATE: 06/14/95

STATUS: Ongoing

TITLE: Development of Methodologies for  
Training of Trainers and Field Testing a  
Training of Trainers Workshop

TYPE OF ACTIVITY:  
PRIMARY Training  
SECONDARY Institutional Support

FUNDING: \$25,000.00 (R&D/ENR)

START DATE: 04/01/92

END DATE: 08/31/95

PRIMARY IMPLEMENTOR: WWF-LAC Organizational Development  
Program

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):  
1. Progressive Strategies

OTHER IMPLEMENTOR TYPE (s):  
1. Private

COLLABORATOR (s):

CONTACT: BSP: Bruce Leighty 202-778-9685 fax  
202-293-9211; WWF: Bruce Moffat  
202-778-9610 fax 202-293-9211.

PROGRAM OFFICER: Bruce Leighty

REGION: Various, Various, Various

BIOME: Non-Specific

PURPOSE: This venture will develop methodologies for imparting training skills to members of indigenous conservation organizations. Instructing in-country trainers in group facilitation and training techniques will allow them to effectively transfer information and skills on a wide variety of subjects rather than focusing narrowly on the specific functions they have learned through previous management experience and/or training.

580345

REVISION DATE: 06/14/95

**DESCRIPTION:** ODP will develop a methodology and produce materials for training trainers based on research, and experience in leading management workshops. The methodology and materials will be field-tested in a workshop intended to transfer to in-country non-governmental and governmental staff the skills they need to be trainers, and to develop and run their own workshops on a variety of subject matters.

**SIGNIFICANCE:** Indigenous institutions often have difficulty locating, obtaining and managing resources that are needed in achieving their conservation goals. Without proof of sound financial management, additional funding is often unobtainable. In addition, ineffective use of staff may constrain an organization from performing at its best, or finding all possible resources. This collaboration between BSP and ODP seeks to develop permanent materials and methodologies to strengthen the capacity of scientists and organizations in these key areas. Self-help guides will allow governmental and non-governmental organizations to independently attain needed institutional development skills. Manuals for facilitators will assist indigenous trainers in teaching proposal design and financial management skills to others in a workshop setting. It is intended that the materials developed will be applicable and available for use beyond the specific regions and countries in which they were developed.

**TECHNICAL REPORTS or PUBLICATIONS:**

**OTHER OUTPUTS:**

**UPDATE:** A methodology for training trainers is currently being development along with accompanying materials to be used in workshops; a pilot four-day workshop will be held April 5-8, 1995 under the auspices of Ecofund Trust Fund in Columbia to field-test the Training of Trainers Workshop.\*

\* "leveraging" or complementary activity, not BSP-funded workshop.

580351  
REVISION DATE: 06/14/95

STATUS: Ongoing

TITLE: OD Institutional Strengthening and Training III

TYPE OF ACTIVITY:  
PRIMARY Training  
SECONDARY Institutional Support

FUNDING: \$34,000.00 (R&D/ENR)

START DATE: 04/01/94

END DATE: 08/31/95

PRIMARY IMPLEMENTOR: WWF/LAC

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):  
1. WWF  
2. PVO/NRMS Project

OTHER IMPLEMENTOR TYPE (s):  
1. International NGO  
2. International NGO

COLLABORATOR (s):

CONTACT: BSP: Bruce Leighty, 202/778-9685 fax  
202/293-9211; WWF: Bruce Moffat,  
202/778-9610 fax 202/293-9211

PROGRAM OFFICER: Bruce Leighty

REGION: Various, Various, Various

BIOME: Non-Specific

PURPOSE: These proposed activities represent the continuation of a three-year joint undertaking between the Biodiversity Support Program and WWF's Organizational Development (OD) program to help train developing country scientists, researchers and other environmentalists in organizational skills needed to enhance their competence as environmental professionals. This phase of the training focuses on Human Resources Development as an important part of organizational strengthening, and on transferring training capability to the field.

580351

REVISION DATE: 06/14/95

**DESCRIPTION:** Continued support for Phase III of the Institutional Strengthening and Training project builds upon the work done in Phases I and II, developing workshop curricula and training methods in Proposal Design and Financial Resource Development. The Training of Trainers component of Phase II overlaps with and will provide valuable background to Phase III.

In this phase of the project, OD will develop and publish Human Resource Development Guide in English and Spanish. The guide will be designed to help NGOs to more strategically manage their staff, volunteers, board members, and consultants. It will include sections on the hiring process, career development, supervision, delegation, motivation, reward systems, conflict resolution in the workplace, and performance appraisal.

**SIGNIFICANCE:** Institutional health is determined, not only by the success of its fundraising and the quality of its proposals, but also by the effective use and development of its staff. Encouragement, nurturing and training of human potential strengthens not only the organization in which it occurs, but adds to the collective capacity of the country through the development of stronger, more capable citizenry. However, support and training in methods of Human Resource Development have been lacking in developing countries, and have contributed to serious constraints to local institutions' ability to achieve conservation goals. This collaboration between BSP and the Organizational Development group of the Latin American Program seeks to develop permanent materials and methodologies to strengthen the capacity of scientists and organizations in these key areas. The materials produced are applicable and available for use beyond the specific regions and countries in which they are developed, thus allowing for the broad transfer of information and skills through in-country partner NGOs, consortia and governmental agencies.

**TECHNICAL REPORTS or PUBLICATIONS:** A Guide in English and Spanish on Human Resources Development.

**OTHER OUTPUTS:**

**UPDATE:** Completion of the Human Resource Development Guide will take place in spring of 1995. Publication of the Human Resource Development guide in English and Spanish and the Financial Resource Development guide in Spanish will take place in mid-1995.

580352  
REVISION DATE: 06/07/95

STATUS: Completed  
TITLE: PARCS Supplemental  
TYPE OF ACTIVITY:  
PRIMARY Training  
FUNDING: \$10,000.00 (R&D/ENR)  
START DATE: 09/30/93  
END DATE: 10/31/93  
PRIMARY IMPLEMENTOR: World Wildlife Fund  
PRIMARY IMPLEMENTOR TYPE: International NGO  
OTHER IMPLEMENTOR (s):  
OTHER IMPLEMENTOR TYPE (s):  
COLLABORATOR (s):  
CONTACT: Barbara Pitkin (202) 861-8338  
PROGRAM OFFICER: Barbara Pitkin  
REGION: Africa, Various, Various  
BIOME: Various  
PURPOSE: To complete the final report for PARCS Phase I.

DESCRIPTION: Mike Dyer, WWF consultant for PARCS Phase I, will complete a final draft of the final report for PARCS Phase I. The report will cover the findings of the training needs and opportunities assessment conducted in 17 countries throughout eastern, southern, and central Africa.

SIGNIFICANCE: The report will comment on major training needs and opportunities trends that cross country and regional boundaries.

TECHNICAL REPORTS or PUBLICATIONS:

OTHER OUTPUTS:

580352

REVISION DATE: 06/07/95

UPDATE: The final report has been drafted.

186

580355

REVISION DATE: 06/07/95

**STATUS:** Ongoing

**TITLE:** Regional Field Training on Biodiversity and Environmental Impact Assessment

**TYPE OF ACTIVITY:**  
PRIMARY Environmental Impact Assessment  
SECONDARY Training

**FUNDING:** \$24,500.00 (R&D/ENR)

**START DATE:** 01/01/94

**END DATE:** 04/30/95

**PRIMARY IMPLEMENTOR:** African Biodiversity Institute

**PRIMARY IMPLEMENTOR TYPE:** NGO

**OTHER IMPLEMENTOR (s):**

**OTHER IMPLEMENTOR TYPE (s):**

**COLLABORATOR (s):**

**CONTACT:** BSP: Kate Newman 202-778-9524, fax 202-293-9211; ABI: Alfred Latigo 254-2-448028, fax 254-2580496

**PROGRAM OFFICER:** Kate Newman

**REGION:** Africa, UGANDA, Queen Elizabeth National

**BIOME:** Non-specific

**PURPOSE:** The purpose of this grant is to support the regional field training course on biodiversity and environmental impact assessment.

**DESCRIPTION:** The course is intended to provide a two week hands-on training to 25 participants from selected African countries who wish to acquire principles of Environmental Impact Assessment (EIA) and Management.

**SIGNIFICANCE:** The course will enable the participants to incorporate biodiversity conservation into EIA and link EIA to decision making and environmental management and sustainable development.

580355

REVISION DATE: 06/07/95

TECHNICAL REPORTS or PUBLICATIONS: Training Manual

OTHER OUTPUTS:

UPDATE: The course will be held in April 1995.

580431

REVISION DATE: 05/12/95

STATUS: Completed

TITLE: Forests & People in Kalimantan  
Conference

TYPE OF ACTIVITY:  
PRIMARY Education/Public Awareness  
SECONDARY Public Policy  
MINOR Ecological Research/Inventory

FUNDING: \$25,000.00 (S&T/FENR)

START DATE: 03/01/91

END DATE: 12/30/94

PRIMARY IMPLEMENTOR: New York Botanical Garden (NYBG)

PRIMARY IMPLEMENTOR TYPE: Botanical Garden or Zoo

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s):

CONTACT: BSP: Janis Alcorn 202-861-8313; fax  
202-861-8324; AID/Jakarta: Jerry Bisson  
62-21-360-360, fax 62-21-380-6694; NYBG:  
Christine Padoch 212-220-8700

PROGRAM OFFICER: Janis Alcorn

REGION: Asia, INDONESIA, Kalimantan

BIOME: Tropical Moist Forest

PURPOSE: To provide a forum for international scholars, resource managers and the public to discuss Indonesia's Kalimantan forest ecology, human use and management of the forests, and the local and global effects of development in those forests.

DESCRIPTION: BSP supported 14 scholars and government representatives, including six officials from Indonesia, to attend the June 1991 conference on Indonesia's Kalimantan forest. Support was also provided for conference and lodging expenses for selected participants from other USAID-assisted countries. BSP

580431

REVISION DATE: 05/12/95

Program Officer, Janis Alcorn, attended the conference.

**SIGNIFICANCE:** The conference provided a unique opportunity for social and natural scientists to discuss conservation issues. Presentations were excellent and discussions were productive. The Indonesian delegation closed the conference with an invitation to continue the discussions next year at a follow-on conference in Indonesia. AID/Jakarta concurred with BSP funding because the conference brought together Indonesian decision-makers and international scholars to discuss biodiversity issues related to Kalimantan forests. The conference promoted a direct exchange of information and fostered a commitment to continue the dialogue.

The NYBG Conference (June 21 to 23, 1991) attracted more than 70 participants, including Nelson P. Hutabarat, the Indonesian Embassy's Agricultural and Environmental Attache, and Graham Kerr, Chief of the Regional and Resource Management Division with the Office of Agriculture in the AID/Jakarta Mission. Participants appreciated the opportunity to meet and discuss the issues with experts whom they had not met previously.

**TECHNICAL REPORTS or PUBLICATIONS:** A publication is expected in 1993.

**OTHER OUTPUTS:**

**UPDATE:** During the reporting period, the New York Botanical Gardens reported that the proceedings of the Conference were at the press and copies would be provided as soon as available. All project activities are completed.

580458

REVISION DATE: 05/12/95

STATUS: Ongoing

TITLE: Participatory Mapping Manual/Assistance  
to Peoples and Forests

TYPE OF ACTIVITY:  
PRIMARY Analysis & Research

FUNDING: \$22,822.00 (Asia Bureau)

START DATE: 09/15/94

END DATE: 08/31/96

PRIMARY IMPLEMENTOR: Center for the Support of Native Lands

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s):

CONTACT: BSP: Janis Alcorn 202-861-8313, fax  
202-861-8324

PROGRAM OFFICER: Janis Alcorn

REGION: Various, Various, Various

BIOME: Non-Specific

PURPOSE: To produce a manual that details the mapping methodology used for participatory land use mapping and to provide other advice to the Peoples and Forests Program.

DESCRIPTION: Native Lands will produce a manual that details the indigenous mapping methods used in Central America. Specifically the manual will include information on: the geographical and political context for the mapping; the objectives; preparatory work required; actual mapping process; social considerations; pitfalls, problems, etc. In addition native Lands will present its methodology and provide other advice during and leading up to a May 1995 workshop on Community Mapping Methodologies.

SIGNIFICANCE: As community mapping becomes an increasing

580458

REVISION DATE: 05/12/95

recognized tool for indigenous and other peoples to use for land tenure and land management decisions, this activity will contribute detailed information on one of the more successful of such activities to date. This activity also contribute to BSP's information and outreach and technical assistance components.

TECHNICAL REPORTS or PUBLICATIONS:

OTHER OUTPUTS:

UPDATE: During the reporting period, documentation and background material was compiled and work began on the process of developing the participatory mapping manual.

580459

REVISION DATE: 11/19/94

STATUS: Completed

TITLE: Support to the Marie Selby Botanical Garden for Participants in the "Forest Canopies: Ecology, Biodiversity and Conservation"

TYPE OF ACTIVITY:  
PRIMARY Education/Public Awareness  
SECONDARY Ecological Research/Inventory

FUNDING: \$5,060.00 (G/ENR)

START DATE: 01/01/94

END DATE: 12/31/94

PRIMARY IMPLEMENTOR: The Marie Selby Botanical Gardens

PRIMARY IMPLEMENTOR TYPE: Botanical Garden or Zoo

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s):

CONTACT: BSP: Kathryn Saterson 202-861-8330, fax 202-293-9211; Janis Alcorn 202-861-8313; fax 202-861-8324; Selby Gardens: Margaret Lowman 813-955-7553, fax 813 951-1474

PROGRAM OFFICER: Janis Alcorn

REGION: Various, Various, Various

BIOME: Various

PURPOSE: To provide an opportunity for three participants from developing countries in Africa, Asia and Latin America to attend the "Forest Canopies: Ecology, Biodiversity and Conservation" conference to be held in Sarasota, Florida in November, 1994.

DESCRIPTION: Until recently, most scientific principles of forest ecology were developed in temperate regions and much of the knowledge about forest canopies has been based on observations from ground level. Canopy researchers have been pioneering new

580459

REVISION DATE: 11/19/94

access techniques into this remarkable realm and have begun to propose new hypotheses on the function of forest canopies based on their discoveries. In August, 1992, a small group of 25 canopy biologists convened a meeting within the larger AIBS conference and proposed the first international canopy conference. "Forest Canopies: Ecology, Biodiversity and Conservation" is the first symposium specifically intended to bring together canopy researchers from different countries and further directions in canopy research. Special emphasis will be placed on developing protocols for field sampling and brainstorming to develop priorities for research and conservation of forest canopies. The Marie Selby Botanical Gardens has sought assistance for intended participants from developing countries for whom the conference will be invaluable, but whose attendance is jeopardized by the lack of support in their own country.

**SIGNIFICANCE:** Providing participants with the opportunity to interact and exchange ideas with their peers and discuss the cutting edge issues within their fields is appropriate under both BSP's mandate to build capacity within developing countries to conserve biodiversity, and the information networking and outreach component.

**TECHNICAL REPORTS or PUBLICATIONS:** Interim and final financial reports and a final technical report. Conference proceedings will be published in two volumes of Selbyana. Smithsonian is interested in publishing a book on canopy research and conservation, as well.

**OTHER OUTPUTS:** New York Times story on Conference (11/22/94)

**UPDATE:** Awaiting final financial and technical report.

581000  
REVISION DATE: 05/12/95

STATUS: Ongoing

TITLE: MANRES Biodiversity Research and Conservation

TYPE OF ACTIVITY:  
PRIMARY Various

FUNDING: \$449,993.00 (USAID/Thailand)

START DATE: 08/01/89

END DATE: 12/31/94

PRIMARY IMPLEMENTOR: Various

PRIMARY IMPLEMENTOR TYPE: Various

OTHER IMPLEMENTOR (s):  
1. Various

OTHER IMPLEMENTOR TYPE (s):  
1. Various

COLLABORATOR (s): Various

CONTACT: BSP: Janis Alcorn 778-9697, fax  
202-293-9211; USAID/Bangkok: Khun Komol  
662-255-3661, fax 662-253-6318;  
AID/W:Molly Kux 202-663-2639, fax  
202-647-4958

PROGRAM OFFICER: Janis Alcorn

REGION: Asia, THAILAND, Various

BIOME: Non-specific

PURPOSE: In August 1988, AID/Thailand initiated a \$44 million program with the Royal Thai Government (RTG) on the Management of Natural Resources and Environment (MANRES). The goal of the MANRES project is to promote the economic and social development of Thailand through improved management of the environment and natural resources. The purpose of the project is to develop the capacities of Thai governmental and non-governmental institutions to define, analyze and respond effectively to current and emerging natural resource and environmental problems. The objective of MANRES Element II is to support Thai organizations

195

581000

REVISION DATE: 05/12/95

in developing increased scientific understanding of Thailand's biological resources, their potential, and effective management practices for conserving biological diversity.

DESCRIPTION: In November 1989 a detailed work plan (see Activity TA892) for this buy-in was prepared by BSP, submitted to AID/Thailand and RTG agencies, and approved by the appropriate offices. Twelve specific activities were initially agreed upon, but were reduced in the Fall of 1991 when the workplan was revised because of reduced availability of matching funds through MANRES: (A) Three U.S. Study Tours; (B) Information Transfer (books, journals, videos); (C) National Botanical Assessment; (D) NGO Seminar on Conservation and the Environment; (E) WFT Small Grants Program and Institutional Strengthening; (F) Huay Kha Khaeng/Thung Yai Florula; (G) Sustainable Development in Buffer Zones; (H) Speaker for GCC Conferences

SIGNIFICANCE: BSP's first buy-in from a Mission. Given the policy changes mentioned below, BSP will be one of the few USAID activities in Thailand.

AID/Bangkok did a buy-in because the goals of MANRES Element II are almost identical to the goals of BSP. Many of the activities proposed by the Royal Forest Department and other Thai institutions include technical assistance, as well as U.S. study tours.

TECHNICAL REPORTS or PUBLICATIONS:

OTHER OUTPUTS:

UPDATE: The MANRES buy-in continued to support one on-going project--People and Parks Project in Thung Yai Nature Sanctuary (581080)--and Technical Assistance (581002). See specific project descriptions for update on project.

581002  
REVISION DATE: 05/12/95

STATUS: Ongoing

TITLE: Technical Assistance to Thailand

TYPE OF ACTIVITY:  
PRIMARY Institutional Support

FUNDING: \$19,000.00 (USAID/Thailand)

START DATE: 05/01/92

END DATE: 12/31/94

PRIMARY IMPLEMENTOR: BSP

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s):

CONTACT: BSP: Janis Alcorn 202-881-8313, fax  
202-861-8324 or Kathy Saterson  
202/816-8330

PROGRAM OFFICER: Janis Alcorn

REGION: Asia, THAILAND, Various

BIOME: Non-specific

PURPOSE: To provide technical assistance to institutions and NGOs in Thailand to build capacity in areas such as environmental education and public awareness, land tenure issues, integrated conservation and development projects, biodiversity information centers and conflict resolution.

DESCRIPTION: On an as needed basis, the program manager for Asia/Pacific travels to the region for the purpose of providing the technical assistance in lieu of hiring a consultant.

SIGNIFICANCE:

TECHNICAL REPORTS or PUBLICATIONS:

581002

REVISION DATE: 05/12/95

**OTHER OUTPUTS:**

UPDATE: During the reporting period, Janis Alcorn, Director for Asia/Pacific, traveled to Thailand in November to consult with WFT on the Project and assess progress since the May 1994 visit. As a result of the visit, the term of the contract with WFT was extended until February 1995 and cultural and publication components were added to the project.

581080  
REVISION DATE: 05/12/95

STATUS: Ongoing

TITLE: People and Parks in Thung Yai Nature Sanctuary

TYPE OF ACTIVITY:  
PRIMARY Sustainable Use

FUNDING: \$147,308.00 (USAID/Thailand)

START DATE: 01/01/93

END DATE: 02/28/95

PRIMARY IMPLEMENTOR: Wildlife Fund Thailand

PRIMARY IMPLEMENTOR TYPE: NGO

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s): Karen communities, Mahidol University, Chiang Mai University, Royal Forest Department

CONTACT: BSP: Janis Alcorn 202-861-8313 fax 202-861-8324

PROGRAM OFFICER: Janis Alcorn

REGION: Asia, THAILAND, Thung Yai

BIOME: Tropical Montane Forest

PURPOSE: To design and initiate sustainable development activities in the buffer zone of a conservation unit.

DESCRIPTION: The Biodiversity Support Program in collaboration with Wildlife Fund Thailand will be working with the Karen communities who live in Thung Yai to assist them in documenting their natural resource management practices, their traditional conservation beliefs and their impact on their environment. The results of these analyses will contribute to efforts to enable those communities to remain in Thung Yai and to develop a model for integrating local communities into natural resource management programs. The project will be composed of six

581080

REVISION DATE: 05/12/95

components focused primarily on documenting information regarding the Karen communities involvement in natural resource management and their full participation in the development of sustainable natural resource management projects.

**SIGNIFICANCE:** Despite an extensive national system of protected areas (national parks, wildlife sanctuaries, non-hunting areas), virtually all conservation units are affected by one or more serious problems, such as human encroachment, timber extraction, wildlife poaching, dynamite fishing, agricultural colonization by squatters, as well as scattered settlements of hill-tribes. USAID and WWF funding to Wildlife Fund Thailand has been used to develop innovative approaches involving local villagers in and around Khao Yai National Park in conservation and sustainable development projects. However, even in such an outstanding, very popular national park, these sustainable development activities are inadequate to ensure the long-term viability of the protected area. The Khao Yai and other models of sustainable development must be refined and improved for testing in the buffer zones of other protected areas. Sustainable development in conservation buffer zones is an explicit mandate for BSP.

**TECHNICAL REPORTS or PUBLICATIONS:** Technical reports; sociological and demographic survey, inventories of sample plots in and outside Thung Yai.

**OTHER OUTPUTS:**

**UPDATE:** During the reporting period, the contract was amended to add a cultural support component to the project and support translation and publication of final research findings from the project. The amendment also extended the term of the contract to February 1995.

582200  
REVISION DATE: 06/01/95

STATUS: Completed

TITLE: S&T Global Climate Change

TYPE OF ACTIVITY:  
PRIMARY Various

FUNDING: \$1,504,000.00 (S&T/FENR)

START DATE: 09/01/90

END DATE: 03/31/95

PRIMARY IMPLEMENTOR: Various

PRIMARY IMPLEMENTOR TYPE: Various

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s): Various

CONTACT: BSP: Meg Symington 202/778-9727, fax  
202/293-9211, Kate Newman 202/778-9525,  
fax 202/293-9211; AID/W: Twig Johnson  
703/875-4022, fax 703/875-4394

PROGRAM OFFICER: Meg Symington

REGION: Various, Various, Various

BIOME: Tropical Moist Forest

PURPOSE: In June of 1990, A.I.D.'s Science and Technology Office of Forestry, Environment and Natural Resources (S&T/FENR) asked BSP to address the effects of global warming by looking at the production of CO2 in tropical regions in Africa and Brazil.

DESCRIPTION: (See also individual project descriptions) (A) Cultural Survival report on rain forest products; (B) WWF projects on Amazon forest management and policy; (C) Smithsonian's Biological Dynamics of Forest Fragments Project (BDFP); (D) Woods Hole for restoring degraded Amazonian lands; (E) NYBG commemorative publication; (F) BSP start-up activities on GCC in Africa; (G) BSP GCC advisor Les Whitmore; (H) Second year of funding for the BDFP project; (I) Second year of funding

582200

REVISION DATE: 06/01/95

for Woods Hole Project; (J) Second year of funding for WWF activities in Brazil; (K) Third year of funding for Woods Hole; (L) Third year of funding for WWF.

**SIGNIFICANCE:** Interest in and concern for the effects of global climate change has been increasing in recent years. U.S. public concern resulted in a 1990 congressional earmark of AID's budget obligating the agency to spend \$15 million on new initiatives addressing global climate change. Brazil was a key focal country for these new initiatives, hence S&T/FENR increased BSP's core funds to address the subcomponents described above.

The integration of global climate change initiatives with tropical forestry and the conservation of biodiversity is a particularly relevant activity for BSP.

**TECHNICAL REPORTS or PUBLICATIONS:** Semi-annual progress reports or technical reports.

**OTHER OUTPUTS:**

**UPDATE:** The final subproject under this program was completed within the current reporting period: the final year of funding for WWF's GCC program in Brazil (see project description 582620). All other activities now receive their GCC funding directly from the LAC Bureau and USAID/Brazil.

582620

REVISION DATE: 06/01/95

STATUS: Completed

TITLE: Amazon Forest Management and Policy III

TYPE OF ACTIVITY:

PRIMARY	Sustainable Use
SECONDARY	Public Policy
MINOR	Enterprise Development
MINOR	Community Development
MINOR	Resource/Ecological Economics

FUNDING: \$140,000.00 (R&D/ENR)

START DATE: 10/01/93

END DATE: 03/31/95

PRIMARY IMPLEMENTOR: World Wildlife Fund

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):

1. IMAZON
2. Rural Workers Syndicate of Paragominas (STRP)
3. Central de Educacao, Pesquisa e Assistencia Sindica

OTHER IMPLEMENTOR TYPE (s):

1. NGO
2. NGO
3. NGO

COLLABORATOR (s): IBAMA/SEMAM; EMBRAPA/CPATU; USP

CONTACT: BSP: Meg Symington 202-778-9727, fax 202-861-8324; WWF: Garo Batmanian 202-778-9713, fax 202-293-9211

PROGRAM OFFICER: Meg Symington

REGION: LAC, BRAZIL, Amazon Basin

BIOME: Tropical Moist Forest

PURPOSE: This activity is to establish forest management demonstration projects for local companies and communities and to encourage forest policy changes that will result in a reduction in the rate of deforestation in the Brazilian Amazon.

582620

REVISION DATE: 06/01/95

**DESCRIPTION:** This is the third year of a three-year program implemented by the WWF Brazil Program which is funded by R&D/ENR through BSP. It is part of a larger program of interrelated activities aimed at reducing deforestation in the Brazilian Amazon that is being implemented by WWF in support of AID's GCC initiative in Brazil. It aims to reduce deforestation rates in two major ways: 1) by promoting sustainable land management systems which provide an economic incentive for maintaining forest cover and reduce pressure for continued forest clearing. Specific activities include applied research and on-the-ground demonstration of the social, economic and environmental viability of these alternative land uses; 2) by analyzing and disseminating information on these land management alternatives, to provide decision makers with the information they need to develop policies and provide incentives for sustainable land use.

Specific activities include analyzing policy constraints and economic benefits of the sustainable forest management alternatives to be demonstrated under 1) above, communicating such analysis to decision makers, and strengthening NGOs to play an effective role in policy reform.

**SIGNIFICANCE:** By promoting sustainable land management systems which maintain forest cover and by giving decision makers information needed to develop policies and provide incentives for sustainable land use, this project attacks a widespread problem from two distinct angles. It offers technical assistance to the USAID Mission in Brazil and to local NGOs; works with local scientists to establish national and local priorities; identifies models of land use that maintain natural vegetation and biodiversity; and examines national and local policies to see how these impact global climate change and biological diversity. It promotes rural development projects that integrate human and economic needs with conservation priorities.

**TECHNICAL REPORTS or PUBLICATIONS:** Quarterly reports; Environmental Assessment-Sustainable Forest Management Research Project by Robert Buschbacher and Jose Natalino Silva, July 1993; Mid-term Cooperation Evaluation- World Wildlife Fund Activities Under the E/GCC Program/Brazil, March 1994.

**OTHER OUTPUTS:**

**UPDATE:** The activities which were previously funded by BSP (IMAZON, STRP and CEPASP) continue with funding directly from USAID/Brazil. Highlights are given for each of the three field projects below.

**IMAZON**

- 1) The video produced by WWF in collaboration with IMAZON on

582620

REVISION DATE: 06/01/95

the improved timber harvesting techniques is being disseminated and shown to a variety of governmental and private sector groups in Brazil. The video is also being distributed widely to people and institutions interested in sustainable tropical forestry in the US and other developing countries.

2) A practical forestry manual for field practitioners and a more general paper on the timber industry for policy makers are also being produced.

#### STRP

1) 60 families in four communities have planted at least 0.5 ha of agroforestry systems in plots previously used for shifting cultivation.

2) 50 families in four communities have planted 0.5 ha of agroforestry systems in second growth areas.

3) Survival rate for seedlings planted remains at 80% through 3/95.

4) Six community nurseries produced 34,500 seedlings in FY 94.

5) Beekeeping units have been installed in 12 family farms; 60% of beekeeping units are fully operational.

#### CEPASP

1) Annual cupuacu festival was held in the Araras community organized by MOMU (Araras Womens Group) in December 1994.

2) An internal evaluation of the project and a strategic planning session was carried out to determine the course of the project for the next 12 months.

205

582800

REVISION DATE: 05/12/95

STATUS: Ongoing  
TITLE: Indonesia Biodiversity Program

TYPE OF ACTIVITY:  
PRIMARY Institutional Support  
SECONDARY Proposal Design/Development

FUNDING: \$420,000.00 (Asia Bureau)

START DATE: 06/01/92

END DATE: 06/30/95

PRIMARY IMPLEMENTOR: BSP

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):

1. Pelangi Indonesia
2. Indonesia Biodiversity Foundation

OTHER IMPLEMENTOR TYPE (s):

1. NGO
2. Foundation

COLLABORATOR (s):

CONTACT: BSP: Janis Alcorn, 202-861-8313, fax  
202-861-8324, Stephen Kelleher,  
202-778-9681; fax, 202-861-8324.

PROGRAM OFFICER: Janis Alcorn

REGION: Various, Various, Various

BIOME: Non-Specific

PURPOSE: Working in collaboration with the AID Asia Bureau (Asia/DR/TR) and AID/R&D Bureau, BSP is assisting in the establishment of free-standing, not-for-profit, self-sustaining biodiversity conservation foundation. The foundation will address the biodiversity issues of geographic regions that are not being addressed by any existing institution.

DESCRIPTION: The activity has three major components: planning and analysis, study tour, and short term technical assistance.

582800

REVISION DATE: 05/12/95

**SIGNIFICANCE:** The activity fulfills BSP's mandate to help improve the capacities of non-governmental and government institutions in identifying critical needs for and economic potential of conservation and wise management of biological resources.

**TECHNICAL REPORTS or PUBLICATIONS:**

**OTHER OUTPUTS:**

**UPDATE:** See project activities: 582830, 582840, 406021 for descriptions of specific activities.

582830  
REVISION DATE: 05/12/95

STATUS: Ongoing

TITLE: Technical Assistance Component of the Indonesian Biodiversity Program

TYPE OF ACTIVITY:  
PRIMARY Institutional Support

FUNDING: \$44,200.00 (Asia Bureau)

START DATE: 07/01/92

END DATE: 06/01/95

PRIMARY IMPLEMENTOR: BSP

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s):

CONTACT: BSP: Janis Alcorn 202-861-8313, fax 202-861-8324; Stephen Kelleher 202-778-9681, fax 202-861-8324

PROGRAM OFFICER: Janis Alcorn & Stephen Kelleher

REGION: Asia, INDONESIA, Various

BIOME: Non-specific

PURPOSE: Working in collaboration with the AID Asia Bureau (ASIA/DR/TR) and AID/R&D Bureau, BSP is assisting to establish an independent, non-profit, biodiversity foundation. The Foundation will address the biodiversity issues of prime concern to Indonesian NGOs and other organizations based on the priorities established in the Indonesia Biodiversity Action Plan.

DESCRIPTION: BSP will provide on an as-needed basis direct technical assistance to the on-going project including travel to the region by the Senior Program Officer, Stephen Kelleher and technical consultants.

SIGNIFICANCE: The activity fulfills BSP's mandate to help improve the capacity of non-government and government institutions in

582830

REVISION DATE: 05/12/95

identifying critical needs for and economic potential of conservation and wise management of biological resources.

**TECHNICAL REPORTS or PUBLICATIONS:**

**OTHER OUTPUTS:**

UPDATE: Senior Program Officer Stephen Kelleher travelled to Indonesia in January to 1994 to meet with Yayasan Pelangi Indonesia and review steps for closing out project. Stephen also worked with the Indonesia Biodiversity Foundation to develop grant making guidelines and a funding strategy. He also attended a planning meeting hosted by Yayasan SKEPHI in Pedang focusing on next steps for potential collaboration with organizations in Siberut with the Peoples and Forests Program. This meeting included PHPA officials, indigenous groups from Siberut and ADB project officials.

582840

REVISION DATE: 05/12/95

STATUS: Ongoing

TITLE: Grant to Indonesia Biodiversity Foundation

TYPE OF ACTIVITY:  
PRIMARY Institutional Support  
SECONDARY Proposal Design/Development

FUNDING: \$204,000.00 (Asia Bureau)

START DATE: 01/09/94

END DATE: 06/30/95

PRIMARY IMPLEMENTOR: Indonesia Biodiversity Conservation Foundation (KEHATI)

PRIMARY IMPLEMENTOR TYPE: Foundation

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s):

CONTACT: BSP: Stephen Kelleher, 202-778-9681;  
Janis Alcorn, 202-861-8313; fax  
202-861-8324

PROGRAM OFFICER: Stephen Kelleher

REGION: Asia, INDONESIA, Various

BIOME: Various

PURPOSE: To provide financial, technical and administrative support to the newly established Indonesia Biodiversity Foundation (IBF). This grant provides a bridge in anticipation of direct funding through USAID for a Cooperative Agreement and the foundation endowment. This grant, coupled with technical assistance provided by BSP, will get this new institution off the ground, and is a vital step in attaining USAID's grant worthiness prior to the Cooperative Agreement.

DESCRIPTION: This grant will be used for a number of important operational and programmatic activities. Among these are: implementing the financial management system designed under the

582840

REVISION DATE: 05/12/95

Pelangi start-up grant; conducting Board of Trustees and Board of Directors meetings; sponsoring regional informational meetings in various regions to keep NGOs and others informed of the foundation's progress; developing investment and grant-making guidelines; supporting full-time staff and consultants; assisting with office operational expenses.

**SIGNIFICANCE:** The activity fulfills BSP's mandate to help improve the capacities of non-government and government institutions to identify critical needs in biodiversity conservation and develop dynamic, creative and appropriate mechanisms to meet these needs.

**TECHNICAL REPORTS or PUBLICATIONS:** Regular technical and financial reports; a final report that describes in detail the process of the foundation's evolution, including an analysis of lessons learned in order to assist future endowment efforts.

**OTHER OUTPUTS:**

**UPDATE:** During the reporting period, a grant to support the administrative operations of the Indonesia Biodiversity Conservation Foundation (KEHATI) was provided directly to the Foundation. Senior Program Officer Stephen Kelleher traveled to Indonesia in January to discuss the progress of the foundation start-up phase and to assist IBF staff and BSP consultant Ted Smith to develop operational policies, particularly grant making and fund raising guidelines. An interim report and account was provided by KEHATI in February and they requested a two month extension of the grant agreement. The term of the agreement was extended to June 1995 through an amendment. A cooperative agreement between USAID and KEHATI is expected to be signed in April.

584030

REVISION DATE: 06/07/95

STATUS: Ongoing

TITLE: Biodiversity Pilot Analytical Projects

TYPE OF ACTIVITY:  
PRIMARY Various

FUNDING: \$928,000.00 (AFR Bureau)

START DATE: 08/01/91

END DATE: 09/30/95

PRIMARY IMPLEMENTOR: BSP

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s):

CONTACT: BSP: Kate Newman 202-778-9524, Jim  
Webster 202-778-9786, fax  
202-293-9211; AID/W: Tim Resch  
703-235-3786, fax 703-235-3805

PROGRAM OFFICER: Kate Newman

REGION: Africa, Various, Various

BIOME: Non-specific

PURPOSE: This component of the buy-in is designed to explore key analytical issues and innovative techniques involved in the conservation of biodiversity in Africa. Selected activities are funded to help inform the analysis of existing biodiversity conservation initiatives, strategies, and approaches and test critical methods and techniques in the field.

DESCRIPTION: BSP is financing selected activities intended to conserve biodiversity in individual countries and regionally. Activities that are designed and implemented with local involvement and intended to benefit or harmoniously exist with local populations are given high priority in the selection process. Activities that are part of ongoing initiatives and

584030

REVISION DATE: 06/07/95

have built-in mechanisms for monitoring and evaluating progress are also given high priority. BSP staff is working closely with project implementors to monitor and evaluate the progress and impact of these carefully selected activities.

**SIGNIFICANCE:** The selected activities will strengthen the analytical base of the Bureau's biodiversity program. Because this is a relatively new area of Bureau activity, there are many unanswered questions regarding the best approaches to conserving biodiversity. By addressing carefully identified questions, the selected activities will provide valuable insights, experience and knowledge specifically targeted to assist future Bureau efforts to conserve biodiversity. This information will be prepared for A.I.D. and disseminated to other interested organizations and governments.

**TECHNICAL REPORTS or PUBLICATIONS:** All project coordinators are required to submitted mid-term and final reports. Results from the selected activities will be summarized in a report.

**OTHER OUTPUTS:**

**UPDATE:** As part of the Biodiversity Analysis for Africa Project, BSP has provided assistance to selected activities that explore key issues and innovative techniques for biodiversity conservation in Africa. Please refer to each individual project's activity number for detailed project descriptions and updates.

584033

REVISION DATE: 06/07/95

STATUS: Ongoing

TITLE: Local Sustainable Management Surrounding  
Kabore Tambi National Park in Burkina  
Faso

TYPE OF ACTIVITY:  
PRIMARY Protected Areas

FUNDING: \$51,900.00 (AFR Bureau)

START DATE: 02/01/93

END DATE: 09/30/95

PRIMARY IMPLEMENTOR: Fondation des Amis de la Nature  
(NATURAMA)

PRIMARY IMPLEMENTOR TYPE: NGO

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s):

CONTACT: BSP: Kate Newman 202-778-9524, fax  
202-293-9211; NATURAMA: Souleymane Zeba  
226-36-28-42, fax 226-30-12-32

PROGRAM OFFICER: Kate Newman

REGION: Africa, BURKINA FASO, Various

BIOME: Tropical Seasonal Woodlands & Grass

PURPOSE: The project's objective is to test a strategy for the involvement of village inhabitants in the sustainable management of the Kabore Tambi National Park in the six villages concerned.

DESCRIPTION: The project's objective is to test a strategy for involvement of village inhabitants in the sustainable management of the Kabore Tambi National Park in the six village concerned. The local NGO will work with neighboring villages and the Park staff to identify community needs that could be satisfied within the Park and to negotiate a gradual transfer of some management responsibilities to the people.

584033

REVISION DATE: 06/07/95

**SIGNIFICANCE:** BSP will closely monitor and help extract lessons learned from this ground-breaking effort to help local communities become involved in the management of park resources.

**TECHNICAL REPORTS or PUBLICATIONS:** Technical Report

**OTHER OUTPUTS:**

**UPDATE:** Phase II of the project is progressing. Naturama has been asked to host the first BIOME workshop to be held May 23-31, 1995. Planning for the workshop is underway.

584034

REVISION DATE: 06/07/95

STATUS: Ongoing

TITLE: An Assessment of Attitudes and Values  
Pertaining to Conservation Among  
Communities Around Mkomazi Game Reserve,  
Tanzania

TYPE OF ACTIVITY:  
PRIMARY Community Development  
SECONDARY Buffer Zone Management

FUNDING: \$5,600.00 (AFR Bureau)

START DATE: 10/01/92

END DATE: 12/31/94

PRIMARY IMPLEMENTOR: Ministry of Tourism, Natural Resources &  
Environment

PRIMARY IMPLEMENTOR TYPE: Government

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s):

CONTACT: BSP: Kate Newman 202-778-9524, fax  
202-293-9211; Ministry: Muchunguzi  
Katalihwa 255-51-27271

PROGRAM OFFICER: Kate Newman

REGION: Africa, TANZANIA, Various

BIOME: Tropical Seasonal Woodlands & Grass

PURPOSE: The project will study the principal conflicts between  
wildlife conservation and the communities surrounding Mkomazi  
Game Reserve.

DESCRIPTION: The project will study the principal conflicts  
between wildlife conservation and the communities surrounding  
Mkomazi Game Reserve. it will survey community attitudes toward  
conservation, identify conflicts between the local population and  
reserve managers, and suggest management activities in which the  
local communities can participate.

584034

REVISION DATE: 06/07/95

**SIGNIFICANCE:** Results of this study will contribute to BSP's analysis of how to successfully involve local people in efforts to conserve biodiversity.

**TECHNICAL REPORTS or PUBLICATIONS:** Technical Report

**OTHER OUTPUTS:**

**UPDATE:** Final report is pending.

584036

REVISION DATE: 06/07/95

STATUS: Completed

TITLE: The Impact of Land Tenure Changes and  
Land Use Practices on Biodiversity in  
Nigeria

TYPE OF ACTIVITY:  
PRIMARY Sustainable Use

FUNDING: \$20,800.00 (AFR Bureau)

START DATE: 01/01/93

END DATE: 09/30/94

PRIMARY IMPLEMENTOR: Dr. Ademola Salau

PRIMARY IMPLEMENTOR TYPE: Private

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s): University of Nigeria

CONTACT: BSP: Kate Newman 202-778-9524, fax  
202-293-9211; Ademola Salau 84-34351,  
fax 84-33-0088

PROGRAM OFFICER: Kate Newman

REGION: Africa, NIGERIA, Southeast Nigeria

BIOME: Tropical Seasonal Woodlands & Grass

PURPOSE: The study will examine the nature of the changes in the  
land tenure system and land use practices of the high population  
density zone of southeastern Nigeria, determine how these changes  
have affected land ownership and the health of the environment,  
and examine how local people have attempted to maintain  
biodiversity.

DESCRIPTION: The study will examine the nature of the changes in  
the land tenure system and land use practices of the high  
population density zone of southeastern Nigeria, determine how  
these changes have affected land ownership and the health of the  
environment, and examine how local people have attempted to  
maintain biodiversity. Finally, the study will suggest practical

584036

REVISION DATE: 06/07/95

steps to conserve biodiversity or maintain sustainability through the current land use practices.

**SIGNIFICANCE:** Conditions, such as the system of land tenure, and practices governing the use of land are directly linked to the conservation of the natural resource base and biodiversity. This study will analyze how critical conditions and practices impact on the conservation of biodiversity, thus advancing BSP's understanding of how to conserve biodiversity outside protected areas.

**TECHNICAL REPORTS or PUBLICATIONS:** Technical Report

**OTHER OUTPUTS:**

**UPDATE:** The project has been completed. The final report has been submitted for review by BSP.

584038  
REVISION DATE: 06/07/95

STATUS: Ongoing

TITLE: An Assessment of the Socio-Economic  
Impact of the Community Wildlife  
Management Program on the Women of the  
Mgeta River

TYPE OF ACTIVITY:  
PRIMARY Resource/Ecological Economics

FUNDING: \$8,000.00 (AFR Bureau)

START DATE: 09/01/93

END DATE: 09/30/94

PRIMARY IMPLEMENTOR: Miriam O-Zacharia

PRIMARY IMPLEMENTOR TYPE: Private

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s):

CONTACT: BSP: Kate Newman 202-778-9524, fax  
202-293-9211; Miriam O-Zacharia  
255-51-27271

PROGRAM OFFICER: Kate Newman

REGION: Africa, TANZANIA, Various

BIOME: Wetlands

PURPOSE: The goal of this program is to assess the impact of the  
Community Wildlife Management Program on the socio-economic  
conditions of the women of the Mgeta River Buffer Zone of the  
Selous Game Reserve.

DESCRIPTION: The goal of this program is to assess the impact of  
the Community Wildlife Management Program on the socio-economic  
conditions of the women of the Mgeta River Buffer Zone of the  
Selous Game Reserve. Information on the economic conditions and  
social situation and how they influence their decision making at  
different levels in regard to natural resource conservation will  
be gathered via questionnaires and compared to base line data to

584038

REVISION DATE: 06/07/95

determine the contribution of the program to women in development.

**SIGNIFICANCE:** This project will provide research support directed primarily at host country scientists and institutions, as well as augment information, exchange and dissemination efforts.

**TECHNICAL REPORTS or PUBLICATIONS:** Technical report

**OTHER OUTPUTS:**

**UPDATE:** The project is ongoing. Receipt of the final report is pending.

584040  
REVISION DATE: 06/07/95

STATUS: Ongoing

TITLE: Project to Publish Information on the  
Campfire Programme in Zimbabwe  
Illustrating the Benefits it Gives to  
Conservation

TYPE OF ACTIVITY:  
PRIMARY Education/Public Awareness

FUNDING: \$20,000.00 (AFR Bureau)

START DATE: 10/01/93

END DATE: 07/31/95

PRIMARY IMPLEMENTOR: Africa Resources Trust

PRIMARY IMPLEMENTOR TYPE: NGO

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s):

CONTACT: BSP: Kate Newman 202-778-9524, fax  
202-293-9211; ART: Jon Hutton  
263-4-739163 fax 263-4-708554

PROGRAM OFFICER: Kate Newman

REGION: Africa, ZIMBABWE, Various

BIOME: Various

PURPOSE: The principle objective of this project is to increase awareness, especially among policy and decision makers, of the Campfire Programme of natural resource management in the Communal Areas of Zimbabwe.

DESCRIPTION: The principle objective of this project is to increase awareness, especially among policy and decision makers, of the Campfire Program of natural resource management in the Communal Areas of Zimbabwe. The project will also provide the necessary background information and direction to guide the future communication of the Programme. These objectives will be achieved through a series of publications.

584040

REVISION DATE: 06/07/95

**SIGNIFICANCE:** This effort ties in with BSP's goals of transmitting information and lessons-learned that can be applied to the design, modification and implementation of ongoing and future USAID, PVO, NGO and host country government efforts to stem the loss of biodiversity.

**TECHNICAL REPORTS or PUBLICATIONS:** Technical report

**OTHER OUTPUTS:** Theme papers

**UPDATE:** The project is ongoing. The technical report and theme papers will be received in the next reporting period.

584041

REVISION DATE: 06/07/95

STATUS: Ongoing

TITLE: Monitoring and Evaluation of  
Biodiversity Conservation Programme in  
the Rain Forest Zone of Southeastern  
Nigeria

TYPE OF ACTIVITY:  
PRIMARY Sustainable Use

FUNDING: \$13,000.00 (AFR Bureau)

START DATE: 11/01/93

END DATE: 09/30/95

PRIMARY IMPLEMENTOR: J.C. Okafor

PRIMARY IMPLEMENTOR TYPE: Private

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s): Tree Crops and Tropical Ecology  
Consultants

CONTACT: BSP: Kate Newman 202-778-9524, fax  
202-293-9211; J.C. Okafor 042-335060, no  
fax

PROGRAM OFFICER: Kate Newman

REGION: Africa, NIGERIA, Various

BIOME: Various

PURPOSE: The project will examine the local perception and  
knowledge of biodiversity conservation in the region.

DESCRIPTION: The project will examine the local perception and  
knowledge of biodiversity conservation in the region. Through  
the involvement of the local people in the development and  
practice of conservation programs, the project will determine the  
economic, social and ecological value of tropical rainforest  
plant species.

SIGNIFICANCE: This project will help strengthen the capacity of

584041 .

REVISION DATE: 06/07/95

the local population to prioritize, plan and implement conservation actions that ensure participation of all stakeholders, through the design and implementation of innovative conservation techniques.

TECHNICAL REPORTS or PUBLICATIONS: Technical report

OTHER OUTPUTS:

UPDATE: The project is ongoing. Sixty participants were chosen to participate in this project. Each participant is being taught to cultivate the 17 indigenous woody species that are part of the study sample. Training workshops were conducted at each project site and at a regional level as well. The participant's attitudes, knowledge and perception of conservation, storage and utilization of the indigenous woody species were the focus of the workshops. The group has also initiated a medicinal plant association to begin to identify, collect and document potential medicinal plants.

584043

REVISION DATE: 06/07/95

STATUS: Ongoing

TITLE: Environmental Impact Assessment and Biodiversity: The Case of Small-scale Irrigation Schemes in Kenya

TYPE OF ACTIVITY:  
PRIMARY Resource/Ecological Economics

FUNDING: \$10,000.00 (AFR Bureau)

START DATE: 01/01/93

END DATE: 05/31/95

PRIMARY IMPLEMENTOR: Mohamed Khalil

PRIMARY IMPLEMENTOR TYPE: Private

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s): Advanced Center for Environmental Studies

CONTACT: BSP: Kate Newman 202-778-9524, fax 202-293-9211; Mohamed Khalil 254-24-41242, fax 254-22-14917

PROGRAM OFFICER: Kate Newman

REGION: Africa, KENYA, Mgeta River Valley

BIOME: Wetlands

PURPOSE: The study will undertake an environmental impact assessment of small-scale irrigation development in the ASAL zone in Kenya, with particular emphasis on conservation of indigenous food crops and biodiversity.

DESCRIPTION: The study will undertake and environmental impact assessment of small-scale irrigation development in the ASAL zone in Kenya, with particular emphasis on conservation of indigenous food crops and biodiversity.

SIGNIFICANCE: This study will provide information on the impact small-scale irrigation has had on indigenous flora in Kenya that

584043

REVISION DATE: 06/07/95

can be disseminated to the local communities to strengthen local capacities.

TECHNICAL REPORTS or PUBLICATIONS: Technical report

OTHER OUTPUTS:

UPDATE: Final report is pending.

584044

REVISION DATE: 06/07/95

STATUS: Ongoing

TITLE: An Integrated Monitoring Program for  
Trans-boundary Forest Conservation and  
Management in Congo, Cameroon, and CAR

TYPE OF ACTIVITY:  
PRIMARY Protected Areas  
SECONDARY Buffer Zone Management

FUNDING: \$85,000.00 (AFR Bureau)

START DATE: 03/01/94

END DATE: 09/30/95

PRIMARY IMPLEMENTOR: Wildlife Conservation Society

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):  
1. World Wildlife Fund

OTHER IMPLEMENTOR TYPE (s):  
1. International NGO

COLLABORATOR (s):

CONTACT: BSP: Kate Newman 202-778-9524, fax  
202-293-9211; WCS: Hilary Morland  
718-220-6864, fax 718-364-4275

PROGRAM OFFICER: Kate Newman

REGION: Africa, Various, Various

BIOME: Various

PURPOSE: The project will develop repeatable, comparable  
procedures that ICDPs can use to generate baseline socio-economic  
and biological data, initiate monitoring schemes to assess  
changes in human, plant and animal communities over time, and  
train a cadre of local people to collect, analyze and apply  
socio-economic and biological information to managing parks,  
people and projects.

DESCRIPTION: The project will develop repeatable, comparable  
procedures that ICDPs can use to generate baseline socio-economic

584044

REVISION DATE: 06/07/95

and biological data, initiate monitoring schemes to assess changes in human, plant and animals communities over time, and train a cadre of local people to collect, analyze and apply socio-economic and biological information to managing parks, people and projects.

SIGNIFICANCE: The project will lead to establishing a system to quantitatively measure, monitor, and evaluate the effects of project activities on local people and/or changes over time in biotic communities within protected areas in the forested region of Central Africa.

TECHNICAL REPORTS or PUBLICATIONS: Technical report

OTHER OUTPUTS:

UPDATE: The initial fieldwork and report writing has drawn to a close. Work under this project will continue to produce a field guide to ecological and socio-economic methods for inventory and resource monitoring.

584045

REVISION DATE: 06/07/95

STATUS: Completed

TITLE: Study of the Usage of Plant Species for Multiple Usage in the Biosphere Reserve of the Baoule Belt

TYPE OF ACTIVITY:  
PRIMARY Sustainable Use  
SECONDARY Protected Areas

FUNDING: \$13,000.00 (AFR Bureau)

START DATE: 06/01/94

END DATE: 10/31/94

PRIMARY IMPLEMENTOR: Association Malienne pour la Conservation de la Fa

PRIMARY IMPLEMENTOR TYPE: NGO

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s):

CONTACT: BSP: Kate Newman 202-778-9524,  
202-293-9211; AMCEF: Moriba Nmoko fax  
223-23-04-66

PROGRAM OFFICER: Kate Newman

REGION: Africa, MALI, Baoule Belt

BIOME: Various

PURPOSE: The main goal of this project is to identify the economic, nutritional, and pharmacological utility of plant species from the Biosphere Reserve of the Baoule Belt.

DESCRIPTION: The main goal of this project is to identify the economic, nutritional, and pharmacological utility of plant species from the Biosphere Reserve of the Baoule Belt. The study will determine the exploitation and utilization of the species by the rural populations.

SIGNIFICANCE: Through this project, BSP will be working with

584045

REVISION DATE: 06/07/95

local communities to foster participation in conservation planning and decision making by designing and implementing innovative conservation techniques that ensure participation of all stakeholders.

TECHNICAL REPORTS or PUBLICATIONS: Technical report

OTHER OUTPUTS:

UPDATE: The project has been completed.

584047

REVISION DATE: 06/07/95

STATUS: Ongoing

TITLE: Monitoring and Evaluation for Effective  
Community-Based Management in Mafia  
Island Marine Park, Tanzania

TYPE OF ACTIVITY:  
PRIMARY Sustainable Use  
SECONDARY Buffer Zone Management  
MINOR Community Development

FUNDING: \$85,000.00 (AFR Bureau)

START DATE: 10/01/94

END DATE: 09/30/95

PRIMARY IMPLEMENTOR: World Wildlife Fund

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s):

CONTACT: BSP: Kate Newman 202-778-9524, fax  
202-293-9211; WWF: Cynthia Jensen  
202-778-9519, fax 202-293-9211

PROGRAM OFFICER: Kate Newman

REGION: Africa, TANZANIA, Mafia Island Marine  
Park

BIOME: Coastal/Marine

PURPOSE: The objectives of the project include, 1) designing a community-based monitoring and evaluation system, 2) testing the monitoring and evaluation system, 3) refining the system, based on experience gained, to ensure that it is integrated into ongoing project management, and 4) strengthen the skills of government and community participants in the design and implementation of monitoring and evaluation systems.

DESCRIPTION: The objectives of the project include, 1) designing a community-based monitoring and evaluation system, 2) testing

232

584047

REVISION DATE: 06/07/95

the monitoring and evaluation system, 3) refining the system, based on experience gained, to ensure that it is integrated into ongoing project management, and 4) strengthen the skills of government and community participants in the design and implementation of monitoring and evaluation systems.

**SIGNIFICANCE:** Because there are few models of community-based monitoring to draw upon which support substantive local management of a resource, BSP views this activity as an important initiative for examining how to design and implement a participatory monitoring and evaluation system. Information on how to establish and implement a community-based conservation project concerning marine resources will also be gained.

**TECHNICAL REPORTS or PUBLICATIONS:** Technical report

**OTHER OUTPUTS:**

**UPDATE:** Project is ongoing. The legislation regarding marine parks in Tanzania will become law in April 1995. Gazzettal of Mafia Island Marine Park is expected to follow. All supporting documentation has been provided. Project personnel are currently being recruited for the Community Development Assistant and the Ecological Monitoring Assistant.

584049

REVISION DATE: 06/07/95

STATUS: Ongoing

TITLE: Development of Monitoring Procedures and  
Analysis of Community-Based Conservation  
in Namibia

TYPE OF ACTIVITY:  
PRIMARY Sustainable Use  
SECONDARY Community Development

FUNDING: \$109,132.00 (AFR Bureau)

START DATE: 03/01/93

END DATE: 06/30/95

PRIMARY IMPLEMENTOR: World Wildlife Fund

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s): Namibia Ministry of Wildlife,  
Conservation and Tourism

CONTACT: BSP: Kate Newman 202-778-9524, fax  
202-293-9211; WWF: Cynthia Jensen  
202-778-9519, fax 202-293-9211

PROGRAM OFFICER: Kate Newman

REGION: Africa, NAMIBIA, Various

BIOME: Arid Lands

PURPOSE: The primary objectives of the this project are to develop methods for monitoring the effectiveness of community-based conservation programs in Namibia as a means to protect biodiversity in arid and semi-arid areas, and to analyze the programs for lessons learned as they are tested in the field.

DESCRIPTION: The primary objectives of this project are to develop methods for monitoring the effectiveness of community-based conservation programs in Namibia as a means to protect biodiversity in arid and semi-arid areas, and to analyze the programs for lessons learned as they are tested in the field.

584049

REVISION DATE: 06/07/95

The grant will support the Planning Unit of the Ministry of Wildlife Conservation and Tourism in its coordination of the national community-based conservation program. It will also support pilot activities at the field level in the region of Bushmanland.

SIGNIFICANCE: BSP will work closely with project implementors to extract the lessons learned from Namibia's exemplary community-based conservation and monitoring efforts. Analysis of the Namibian program will contribute to several of the BAA targeted analytical themes, including involving local people in conservation efforts, monitoring the success of community-based conservation programs, and developing national-level land use planning policies and programs. Lessons can also be extracted on how to implement community-based conservation activities in arid and semi-arid ecosystems.

TECHNICAL REPORTS or PUBLICATIONS: Technical report

OTHER OUTPUTS:

UPDATE: Project is ongoing. The final report and Lessons Learned report are being finalized and will be submitted to BSP in June.

585000  
REVISION DATE: 06/07/95

STATUS: Ongoing  
TITLE: Africa Add-on II  
TYPE OF ACTIVITY:  
PRIMARY Various  
FUNDING: \$1,000,000.00 (AFR Bureau)  
START DATE: 08/01/92  
END DATE: 09/01/94  
PRIMARY IMPLEMENTOR: BSP  
PRIMARY IMPLEMENTOR TYPE: International NGO  
OTHER IMPLEMENTOR (s):  
OTHER IMPLEMENTOR TYPE (s):  
COLLABORATOR (s): Various  
CONTACT: BSP: Kate Newman (202) 778-9524  
PROGRAM OFFICER: Kate Newman  
REGION: Africa, Various, Various  
BIOME: Various

PURPOSE: Africa II is made up of three sub-projects: 1) the Biodiversity Analysis for Africa (BAA) project (see 585030), 2) the Global Climate Change for Africa (GCCA) project (see 585020), and 3) a study of how attitudes are formed or changed (see 585010). The purpose of the BAA project is to advance the conservation of biodiversity in Africa while promoting sustainable development through the analysis of biodiversity conservation initiatives, strategies and approaches. The purpose of the GCCA project is to improve African expertise on both deforestation and biomass burning and their impacts on the environment in order to enable the sub-Saharan countries to manage their resources more sustainably and to participate more effectively in international policy discussions. The purpose of the attitudes study is to further the understanding of how attitudes are formed and practices reinforced or changed in Africa.

**DESCRIPTION:** Based on its efforts under BAA I, BSP will continue to support activities in Africa that demonstrate innovative methods for the conservation of biodiversity. Results from these activities will contribute to BSP's ongoing analysis of key issues and innovative techniques in biodiversity conservation. As part of BAA II, BSP will focus on the key issue of how to better monitor and evaluate the impact of biodiversity conservation efforts. BAA II activities will draw upon the expertise of the African Biodiversity Consultative Group established by BSP to contribute to the analysis of biodiversity conservation efforts in Africa.

Under the GCCA Project, BSP, with the assistance of its Global Climate Change Advisory Panel, will advise the Africa Bureau's design team on critical issues that will need to be addressed in a new climate change project and will provide some technical background information. In a parallel effort, BSP will support innovative research grants to U.S. and African scientists and NGOs addressing the key issues in climate change identified in the Central Africa Global Climate Change Study.

As part of the attitudes study, BSP will (i) assess the present state of knowledge on attitude and activity change in general, and in Africa in particular; (ii) identify and examine past and ongoing efforts in conservation education in Africa and analyzing their impact on both local level activity change and policy level decision making; (iii) design a series of case studies examining factors related to (a) policy changes among senior level decision makers and (b) changes in the activities of local people; and (iv) provide recommendations for a research plan that includes the implementation of the case studies and a longer term analysis of the impacts of selected conservation education projects.

**SIGNIFICANCE:** The Biodiversity Analysis for Africa project is BSP's primary, ongoing effort to advance the understanding of biodiversity conservation in Africa. The BAA African Biodiversity Consultative Group, comprised of leading African and U.S. natural and social scientists, represents an innovative and successful mechanism for integrating African perspectives into BSP's analysis and programming.

Last year's Central Africa Global Climate Change Study identified important issues related to Africa's contribution to global climate change, but more importantly to the impact of global climate change on the African continent. This year BSP will be able to explore these issues in more depth through field research grants in order to build a base of knowledge that will strengthen African's efforts to address the threat of climate change on their continent.

Understanding how people are motivated to modify their practices is essential for ensuring long-term change through project activities. BSP's study on attitudes will further the

585000

REVISION DATE: 06/07/95

understanding of this critical issue.

**TECHNICAL REPORTS or PUBLICATIONS:** Under BAA II, BSP will produce two major reports. The first report will examine the innovative project activities being funded by BAA I and II. The second report will provide guidelines for field implementors on monitoring and evaluating biodiversity conservation projects.

As part of GCCA, BSP will produce a technical report addressing issues identified by the Africa Bureau design team and a final report describing each grant and its significance to the field of climate change in Africa.

For the attitudes study, BSP will produce a final report summarizing the state of knowledge on attitude formation and activity change in general and in Africa, a summary document of the history and impact of conservation education efforts in Africa, and an analytical plan for continued research on this topic.

**OTHER OUTPUTS:**

**UPDATE:** Progress on the Africa Add-on II is reported in the summaries for 585010, 585020, and 585030.

585020  
REVISION DATE: 06/07/95

STATUS: Ongoing  
TITLE: Global Climate Change for Africa II  
TYPE OF ACTIVITY:  
PRIMARY Various  
FUNDING: \$500,000.00 (AFR Bureau)  
START DATE: 09/01/92  
END DATE: 06/30/95  
PRIMARY IMPLEMENTOR: BSP  
PRIMARY IMPLEMENTOR TYPE: International NGO  
OTHER IMPLEMENTOR (s):  
OTHER IMPLEMENTOR TYPE (s):  
COLLABORATOR (s): Various  
CONTACT: BSP: Kate Newman (202) 778-9524; Barbara  
Pitkin (202) 863-3338  
PROGRAM OFFICER: Kate Newman  
REGION: Africa, Various, Various  
BIOME: Non-Specific

PURPOSE: The purpose of the Global Climate Change for Africa (GCCA) Project is to improve African expertise on both deforestation and biomass burning and their impacts on the environment in order to enable the sub-Saharan countries to more effectively (1) manage their resources more sustainably and (2) participate in international policy discussions that will influence both their own economic development and future greenhouse gas emissions from the rest of the world.

DESCRIPTION: The GCCA Project has two major components: 1) advise and assist Africa Bureau's African Global Climate Change design effort and 2) support innovative research grants to test implementation approaches in the field.

Based on the results of last year's Central Africa Global Climate Change Study, the Africa Bureau is undertaking the design

585020

REVISION DATE: 06/07/95

of a long-term global climate change activity in Africa. Through consultancies and the continuation of BSP's Global Climate Change Advisory Panel, BSP will advise the Africa Bureau's design team on critical issues that will need to be addressed in a new climate change project and will provide some technical background information.

In a parallel effort, BSP will support innovative research grants to U.S. and African scientists and NGOs addressing the key issues in climate change identified in the Central Africa Global Climate Change Study. The results of the research will provide essential data for the development and implementation of field activities for the mitigation of emissions and of potential negative impacts of land use change and global climate change in Africa.

**SIGNIFICANCE:** The first phase of the Central Africa Global Climate Change Study identified important issues related to Africa's contribution to global climate change, but more importantly to the impact of global climate change on the African continent. These issues were widely disseminated through the project document, significantly raising the visibility of climate change as a critical problem affecting the future of Africa. Phase II will explore these issues in more depth through field research grants in order to build a base of knowledge that will strengthen African's efforts to address the threat of climate change on their continent.

**TECHNICAL REPORTS or PUBLICATIONS:** This activity will produce several reports. The BSP consultant will produce trip reports following her attendance at two climate change conferences and a technical report addressing issues identified by the Africa Bureau design team. BSP will produce a final report describing each grant and its significance to the field of climate change in Africa.

**OTHER OUTPUTS:**

**UPDATE:** This analysis component of the African Global Climate Change Project has been completed. We are in the process of completing the research grant component of the project. The findings of all the research grants funded under this project will be published as a compendium. Production is set for August 1995.

585030

REVISION DATE: 06/07/95

STATUS: Ongoing

TITLE: Biodiversity Analysis for Africa II

TYPE OF ACTIVITY:  
PRIMARY Various

FUNDING: \$640,000.00 (AFR Bureau)

START DATE: 10/01/92

END DATE: 09/30/95

PRIMARY IMPLEMENTOR: BSP

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s): Various

CONTACT: BSP: Kate Newman (202) 778-9524; Jim Webster (202) 778-9786

PROGRAM OFFICER: Kate Newman

REGION: Africa, Various, Various

BIOME: Various

PURPOSE: The purpose of the Biodiversity Analysis for Africa (BAA) project is to advance the conservation of biodiversity in Africa while promoting sustainable development through the analysis of biodiversity conservation initiatives, strategies and approaches. This analysis is expected to help the Africa Bureau, A.I.D. missions in Africa, governments, and NGOs shape organizational strategies and programs that will be more effective in conserving biodiversity and promoting sustainable development through improved use of biological resources.

DESCRIPTION: During Phase II of the BAA project, the Biodiversity Support Program (BSP) will award innovative research grants, analyze ongoing biodiversity conservation initiatives, and examine techniques for monitoring and evaluating the impact of biodiversity projects.

585030

REVISION DATE: 06/07/95

Based on its efforts under BAA I, BSP will continue to support activities in Africa that demonstrate innovative methods for the conservation of biodiversity. Results from these activities will contribute to BSP's ongoing analysis of key issues and innovative techniques in biodiversity conservation. This ongoing analysis will capture lessons learned, advance the understanding of critical biodiversity conservation issues, and contribute to strategies to guide future project selection, design and implementation.

Under BAA II, BSP will focus on improving monitoring and evaluation of the impacts of biodiversity conservation efforts. This initiative will examine monitoring and evaluation techniques such as the use of impact indicators, and explore the crucial links between monitoring and evaluation and project selection, design and implementation. The links between monitoring and evaluation and sustainable community-based natural resources management will also be analyzed.

BAA II activities will draw upon the expertise of the African Biodiversity Consultative Group established by BSP to contribute to the analysis of biodiversity conservation efforts in Africa.

**SIGNIFICANCE:** The Biodiversity Analysis for Africa project is BSP's primary, ongoing effort to advance the understanding of biodiversity conservation in Africa. The BAA African Biodiversity Consultative Group, comprised of leading African and U.S. natural and social scientists, represents an innovative and successful mechanism for integrating African perspectives into BSP's analysis and programming. The Consultative Group and other BAA project activities are in the forefront of existing biodiversity conservation efforts in Africa. Results from these activities are expected to help influence the future direction of conservation initiatives and strategies in Africa.

**TECHNICAL REPORTS or PUBLICATIONS:** Under BAA II, BSP will produce two major reports. The first report will examine the innovative project activities being funded by BAA I and II. The second will provide guidelines for field implementors on monitoring and evaluating biodiversity conservation projects. It will also provide recommendations to A.I.D. missions on approaches for developing impact indicators.

**OTHER OUTPUTS:**

**UPDATE:** Planning for the Biodiversity Monitoring and Evaluation (BIOME) phase of the BAA project continues with the development of a analytical questionnaire to assist in the selection of projects that will participate in the exchange project and the refinement of the analytical methodology for the project. Please refer to project number 415810 for a full description of the

585030

REVISION DATE: 06/07/95

BIOME project.

Dissemination of the publication, "African Biodiversity: Foundation for the Future continues. The french translated version of the publication will be disseminated in the next reporting period.

The first in a series of African essays on biodiversity conservation in Africa is near completion and will be disseminated in the next reporting period. The essays in this series are written by African experts in the field of biodiversity conservation. BSP's aim in publishing the series is to enhance the exchange of ideas and experience with biodiversity conservation on the African continent.

585040  
REVISION DATE: 06/07/95

STATUS: Ongoing  
TITLE: Global Climate Change II Grants  
TYPE OF ACTIVITY:  
PRIMARY Ecological Research/Inventory  
FUNDING: \$351,000.00 (AFR Bureau)  
START DATE: 05/01/93  
END DATE: 02/28/95  
PRIMARY IMPLEMENTOR: BSP  
PRIMARY IMPLEMENTOR TYPE: International NGO  
OTHER IMPLEMENTOR (s):  
OTHER IMPLEMENTOR TYPE (s):  
COLLABORATOR (s):  
CONTACT: BSP: Kate Newman 202-778-9524, fax  
202-861-8324  
PROGRAM OFFICER: Kate Newman  
REGION: Africa, Various, Various  
BIOME: Tropical Moist Forest

PURPOSE: The purpose of this project is to produce a series of tools and baseline databases to help identify and monitor the impacts of climate change in Africa and help develop regional approaches to slow the increasing degradation of this vast intact forest.

DESCRIPTION: Innovative research grants have been awarded to U.S. and African scientists and NGOs addressing the key issues in climate change and land use identified in the Central Africa Global Climate Change Study. The results of the research will provide essential data for the development of information and policy on emissions and the potential negative impacts of land use change and global climate change in Africa.

SIGNIFICANCE: Accelerating emissions of greenhouse gases are

284

585040

REVISION DATE: 06/07/95

expected to result in significant changes in the Earth's climate, with potentially devastating impacts on humans and the environment. Impacts are likely to be felt most strongly by people in developing countries, especially in Africa, due to their reliance on natural resources for subsistence as well as the lack of financial and technical means with which to reduce their vulnerability to global climate change.

Understanding both the causes and impacts of global climate change should increase the world's ability to 1) reduce greenhouse gas emissions and thereby avoid or delay future climatic change; and 2) reduce vulnerability to the potential impacts of global climate change.

TECHNICAL REPORTS or PUBLICATIONS: Technical Reports

OTHER OUTPUTS: Maps

UPDATE: The majority of the research grants have been completed. The research results will be produced as a compendium and disseminated in the next reporting period.

245

585041  
REVISION DATE: 06/07/95

STATUS: Completed

TITLE: Exploring Methods for Integrating Data  
on Socio-Economic and Environmental  
Processes That Influence Land Use Change

TYPE OF ACTIVITY:  
PRIMARY Ecological Research/Inventory

FUNDING: \$19,000.00 (AFR Bureau)

START DATE: 05/01/94

END DATE: 01/31/95

PRIMARY IMPLEMENTOR: Michigan State University

PRIMARY IMPLEMENTOR TYPE: University

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s):

CONTACT: BSP: Kate Newman 202-778-9524, fax  
202-861-8324; MSU: Dr. David Campbell

PROGRAM OFFICER: Kate Newman

REGION: Africa, Various, Various

BIOME: Tropical Moist Forest

PURPOSE: The purpose of this project is to produce a series of tools and baseline databases to help identify and monitor the impacts of climate change in Africa and help develop regional approaches to slow the increasing degradation of this vast intact forest.

DESCRIPTION: Implemented by the Center for Advanced Study of International Development, Michigan State University, the project will examine the interdependent relationship between population pressure, agricultural productivity and land degradation using Rwanda as a case study. Funding for this project has been provided under the research grant component of the GCCA Project.

585041

REVISION DATE: 06/07/95

**SIGNIFICANCE:** As impacts to changes in the Earth's climate will likely be felt most strongly by Africans, the information gathered from this study will contribute to the understanding of the interdependent relationship between population pressure, agricultural productivity and land degradation to help reduce the vulnerability of Africans to the potential impacts of global climate change.

**TECHNICAL REPORTS or PUBLICATIONS:** Technical Report

**OTHER OUTPUTS:**

**UPDATE:** The project has been completed.

585043

REVISION DATE: 06/07/95

STATUS: Ongoing

TITLE: Development, Evaluation and Validation  
of Satellite-Derived Vegetation Maps for  
Cameroon Using High Resolution Satellite

TYPE OF ACTIVITY:  
PRIMARY Ecological Research/Inventory

FUNDING: \$35,000.00 (AFR Bureau)

START DATE: 09/01/93

END DATE: 02/28/95

PRIMARY IMPLEMENTOR: Office National de Developpement des  
Forets (ONADEF)

PRIMARY IMPLEMENTOR TYPE: NGO

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s): NASA Pathfinder Project

CONTACT: BSP: Kate Newman 202-778-9524, fax  
202-861-8324; ONADEF: Djoda Mabi

PROGRAM OFFICER: Kate Newman

REGION: Africa, Cameroon, Various

BIOME: Tropical Moist Forest

PURPOSE: The purpose of this project is to produce a series of tools and baseline databases to help identify and monitor the impacts of climate change in Africa and help develop regional approaches to slow the increasing degradation of this vast intact forest.

DESCRIPTION: Implemented by the Office National de Developpement des Forets (ONADEF), the project will support the development and validation of vegetation maps using field data and high resolution satellite images to develop natural resource management and planning strategies and global carbon balance models. Funding for this project was provided under the research grant component of the GCCA Project.

585043

REVISION DATE: 06/07/95

**SIGNIFICANCE:** The field data, high resolution satellite images, natural resource management and planning strategies produce from this project will contribute to the understanding of the causes potential impacts of global climate change.

**TECHNICAL REPORTS or PUBLICATIONS:** Technical Report

**OTHER OUTPUTS:**

**UPDATE:** The project is ongoing.

585045  
REVISION DATE: 06/07/95

STATUS: Ongoing

TITLE: Use of Time-Series Satellite Data for  
Characterizing and Monitoring Seasonal  
Forests and Savannas of Central Africa

TYPE OF ACTIVITY:  
PRIMARY Ecological Research/Inventory

FUNDING: \$170,000.00 (AFR Bureau)

START DATE: 03/01/93

END DATE: 12/31/94

PRIMARY IMPLEMENTOR: NASA/Goddard

PRIMARY IMPLEMENTOR TYPE: Government

OTHER IMPLEMENTOR (s):  
1. University of Maryland

OTHER IMPLEMENTOR TYPE (s):  
1. University

COLLABORATOR (s):

CONTACT: BSP: Kate Newman 202-778-9524, fax  
202-861-8324; NASA/Goddard: Dr. Chris  
Justice 301-286-7372

PROGRAM OFFICER: Kate Newman

REGION: Africa, Various, Various

BIOME: Tropical Seasonal Woodlands and Gra

PURPOSE: The purpose of this project is to produce a series of tools and baseline databases to help identify and monitor the impacts of climate change in Africa and help develop regional approaches to slow the increasing degradation of this vast intact forest.

DESCRIPTION: Implemented by the University of Maryland and NASA/Goddard Space Flight Center, this study uses time series satellite data derived from the NOAA-AVHRR instrument to map the distribution of the seasonal forests and savannas of Central Africa. Funding for this project was provided under the research

585045

REVISION DATE: 06/07/95

grant component of the GCCA Project.

**SIGNIFICANCE:** Accelerating emissions of greenhouse gases are expected to result in significant changes in the Earth's climate, with potentially devastating impacts on humans and the environment. Impacts are likely to be felt most strongly by people in developing countries, especially Africa, due to their reliance on natural resources for subsistence as well as the lack of financial and technical means with which to reduce their vulnerability to global climate change.

Understanding both the causes and impacts of global climate change should increase the world's ability to 1) reduce greenhouse gas emissions and thereby avoid or delay future climate change; and 2) reduce vulnerability to the potential impacts of global climate change.

**TECHNICAL REPORTS or PUBLICATIONS:** Technical Report

**OTHER OUTPUTS:** Maps

**UPDATE:** Project is ongoing. In February, NASA/Goddard/University of Maryland presented the preliminary results of their research. Final report is pending.

585046

REVISION DATE: 06/07/95

STATUS: Completed

TITLE: Applied Research to Aid in the Management of the Dzanga-Sangha Dense Forest Special Reserve and the Dzanga National Park

TYPE OF ACTIVITY: Ecological Research/Inventory  
PRIMARY

FUNDING: \$30,000.00 (AFR Bureau)

START DATE: 09/01/93

END DATE: 11/30/94

PRIMARY IMPLEMENTOR: World Wildlife Fund

PRIMARY IMPLEMENTOR TYPE: NGO

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s):

CONTACT: BSP: Kate Newman 202-778-9524, fax 202-861-8324; Dr. Richard Carroll 202-778-9670, fax 202-293-9211

PROGRAM OFFICER: Kate Newman

REGION: Africa, CAR, Various

BIOME: Tropical Moist Forest

PURPOSE: The purpose of this project is to produce a series of tools and baseline databases to help identify and monitor the impacts of climate change in Africa and help develop regional approaches to slow the increasing degradation of this vast intact forest.

DESCRIPTION: Implemented by WWF, the project will create a research and education division to gather data to develop and modify a reserve management plan by uncovering both primary information on the natural dense forest ecosystem, and the effects of human exploitation on the forest. Funding for this project was provided under the research grant component of the

585046

REVISION DATE: 06/07/95

GCCA Project.

**SIGNIFICANCE:** Accelerating emissions of green house gases are expected to result in significant changes in the Earth's climate, with potentially devastating impacts on humans and the environment. Impacts are likely to be felt most strongly by peoples in developing countries, especially in Africa, due to their reliance on natural resources for subsistence as well as the lack of financial and technical means with which to reduce their vulnerability to global climate change.

Understanding both the causes and impacts of global climate change should increase the world's ability to 1) reduce greenhouse gas emissions and thereby avoid or delay future climate change; and 2) reduce vulnerability to the potential impacts of global climate change.

**TECHNICAL REPORTS or PUBLICATIONS:** Technical Report

**OTHER OUTPUTS:**

**UPDATE:** The project has been completed.

585047

REVISION DATE: 06/07/95

STATUS: Ongoing

TITLE: Mapping the Vegetation Types and  
Understanding the Local Factors of  
Change of the Zairian Tropical Forest

TYPE OF ACTIVITY:  
PRIMARY Ecological Research/Inventory

FUNDING: \$30,000.00 (AFR Bureau)

START DATE: 09/01/93

END DATE: 10/31/94

PRIMARY IMPLEMENTOR: Laboratoire de Teledetection et  
d'Analyse Regionale Universite Catholi

PRIMARY IMPLEMENTOR TYPE: University

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s):

CONTACT: BSP: Kate Newman 202-778-9524, fax  
202-861-8324: Universite Catholique de  
Louvain: Dr. Jules Wilmet

PROGRAM OFFICER: Kate Newman

REGION: Africa, Zaire, Various

BIOME: Tropical Moist Forest

PURPOSE: The purpose of this project is to produce a series of tools and baseline databases help identify and monitor the impacts of climate change in Africa and help develop regional approaches to slow the increasing degradation of this vast intact forest.

DESCRIPTION: Implemented by the Laboratoire de Télédétection et d'Analyse Régionale Université Catholique de Louvain, Belgium, the study will map the different vegetation types at the southern limit of the humid tropical forest in Zaire from medium or high resolution satellite data to determine, 1) the correspondence at a local scale of the classes defined at a global scale, 2) if it

585047

REVISION DATE: 06/07/95

is possible to calibrate and verify the global interpretation with medium or high resolution data, 3) the evolution and spatial patterns of the forest extension, 4) if this evolution is perceptible on high or medium resolution satellite data, and 5) if it is possible to explain the evolution's causes. Funding for this project has been provided under the research grant component of the GCCA Project.

**SIGNIFICANCE:** Accelerating emissions of greenhouse gases are expected to result in significant changes in the Earth's climate, with potentially devastating impacts on humans and the environment. Impacts are likely to be felt most strongly by people in developing countries, especially in Africa, due to their reliance on natural resources for subsistence as well as the lack of financial and technical means with which to reduce their vulnerability to global climate change.

Understanding both the causes and impacts of global climate change should increase the world's ability to 1) reduce greenhouse gas emissions and thereby avoid or delay future climate change; and 2) reduce vulnerability to the potential impacts of global climate change.

**TECHNICAL REPORTS or PUBLICATIONS:** Technical Report

**OTHER OUTPUTS:**

**UPDATE:** The project has been completed.

586000  
REVISION DATE: 05/12/95

STATUS: Ongoing  
TITLE: APRE Bureau/Asia  
TYPE OF ACTIVITY:  
PRIMARY Various  
FUNDING: \$456,000.00 (APRE Bureau)  
START DATE: 01/01/91  
END DATE: 09/01/98  
PRIMARY IMPLEMENTOR: BSP

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):  
1. Various

OTHER IMPLEMENTOR TYPE (s):  
1. Various

COLLABORATOR (s):

CONTACT: BSP: Janis Alcorn 202-861-8313, fax  
202-861-8324; AID/W: Molly Kux  
202-647-9875, fax 202-647-7368

PROGRAM OFFICER: Janis Alcorn

REGION: Asia, Various, Various

BIOME: Non-specific

PURPOSE: Working in consultation with the APRE Bureau, BSP is developing a program under this buy-in that strengthens the consortium's efforts and capabilities to conserve biological diversity in the region, while contributing useful information and assistance to the Bureau and A.I.D. Missions in Asia and the Pacific. Together, this information and assistance will enhance the ability of host-countries to address biodiversity conservation.

DESCRIPTION: This buy-in has three major components: planning and analysis, short-term technical assistance and a regional NGO workshop with specific activities proposed. (See activity

586000

REVISION DATE: 05/12/95

summaries). These activities include:

- (A) An A.I.D. Regional Conference/Sri Lanka
- (B) Strategy and Analysis for Asia
- (C) Support for a South Pacific Program Officer
- (D) Environmental NGO Conference
- (E) Small Grants Program

**SIGNIFICANCE:** This set of activities provides the opportunity for BSP to assist the AID/Asia Bureau in its conservation of biodiversity. It is a BSP mandate to assist A.I.D. Bureaus in attending to Conservation of Biodiversity issues.

**TECHNICAL REPORTS or PUBLICATIONS:** (A) Published proceedings and publicity from meeting in 1992; (B) Might produce research documents, workshops, and others.

**OTHER OUTPUTS:**

**UPDATE:** During the reporting period, the APRE buy-in continued to provide support to the Peoples and Forests Program. The on-going Peoples and Forests Program continues under umbrella project 406100, see specific project descriptions under 406110, 406120, 406130.

587500  
REVISION DATE: 05/12/95

STATUS: Ongoing  
TITLE: Asia I  
TYPE OF ACTIVITY:  
PRIMARY Various  
FUNDING: \$400,000.00 (Asia Bureau)  
START DATE: 08/01/92  
END DATE: 09/01/96  
PRIMARY IMPLEMENTOR: BSP

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):  
1. Various

OTHER IMPLEMENTOR TYPE (s):  
1. Various

COLLABORATOR (s):

CONTACT: BSP: Janis Alcorn 202-861-8313, Stephen  
Kelleher 202-778-9681, fax: 202-861-8324;  
AID/W: Molly Kux 202-647-9875, fax  
202-647-7368

PROGRAM OFFICER: Janis Alcorn

REGION: Asia, Various, Various

BIOME: Non-specific

PURPOSE: Working in consultation with the ASIA Bureau, BSP has programmed this earmarked core buy-in to strengthen the consortium's efforts and capabilities to conserve biological diversity in the region, while contributing useful information and assistance to the Bureau and A.I.D. Missions in Asia and the Pacific. Together, this information and assistance will enhance the ability of host-countries, their governments and private organizations, to discern and act on the problems and opportunities for biological conservation in their own settings.

DESCRIPTION: This buy-in has three major components: planning and

258

587500

REVISION DATE: 05/12/95

analysis, short-term technical assistance and a regional NGO workshop with specific activities proposed. These activities include: (A) Deforestation Trends in mainland Southeast Asia, (B) Peoples and Forests mapping project; (C) A guide to Social Sustainability; (D) PNG National Forestry and Conservation Action Plan (NFCAP) Review and Donor Roundtable; and (E) Small Grants to NGOs.

**SIGNIFICANCE:** This set of activities provides the opportunity for BSP to assist the AID/Asia Bureau in its conservation of biodiversity. It is a BSP mandate to assist A.I.D. Bureaus in addressing Conservation of Biodiversity issues.

**TECHNICAL REPORTS or PUBLICATIONS:** (A) Maps and (B) research reports.

**OTHER OUTPUTS:**

**UPDATE:** During the reporting period, a grant was provided to IUCN to prepare a Social Sustainability Manual (see project description #587512). As a member of the "Social Sustainability Project" Coordinating Committee (PCC), Program Director Janis Alcorn participated with other partners in the project, including WWF and NGO/PVO/NRMS, in several PCC meetings to assist in design of the project. A draft framework for the project is expected in the Spring. In addition, the Asia I buy-in contributed funds to the Peoples and Forests Program during the reporting period. See activity updates under the 406100 series.

587512  
REVISION DATE: 05/12/95

STATUS: New

TITLE: Guide to Social Sustainability

TYPE OF ACTIVITY:  
PRIMARY Socio-cultural Analysis and Research  
SECONDARY Biodiversity Planning/Needs Assessment

FUNDING: \$21,500.00 (Asia Bureau)

START DATE: 04/21/94

END DATE: 09/30/97

PRIMARY IMPLEMENTOR: Biodiversity Support Program

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):  
1. World Conservation Union

OTHER IMPLEMENTOR TYPE (s):  
1. International NGO

COLLABORATOR (s):

CONTACT: BSP: Janis Alcorn, 202-861-8313; Stephen Kelleher, 202-778-9681: fax 202-861-8324

PROGRAM OFFICER: Janis Alcorn

REGION: Various, Various, Various

BIOME: Non-Specific

PURPOSE: To develop an interactive tool for field use that will enable conservation staff to understand and act upon social concerns relevant to their work.

DESCRIPTION: BSP contacted IUCN with the idea of working together to produce the manual, which will provide a practical framework/resource book for conservation practitioners to deal most effectively with the social aspects of their conservation agendas. IUCN submitted a proposal to BSP that would enable the development of the manual through an interactive process, with IUCN serving as lead for creation of a Network for Social Concern in Conservation to participate in manual development. The Network will include regional networks of experts and

587512

REVISION DATE: 05/12/95

practitioners who will be involved in producing and diffusing the manual, thus grounding its ownership and use in regional contexts and realities.

**SIGNIFICANCE:** The activity contributes to the information and outreach components of BSP. As conservation approaches evolve from biological and protectionist toward more integrated conservation and development models, conservation practitioners are dealing more and more with local communities, government and non-governmental organizations and the myriad needs and priorities of each. These efforts, while well intentioned, are often very difficult given the complexity and inherent differences in culture, language, attitudes and beliefs toward the natural world. This manual is intended to present a framework to present non-social and social scientists alike with tools and approaches in order to better deal with the social aspects of integrated conservation and development.

**TECHNICAL REPORTS or PUBLICATIONS:** The manual, prior drafts and expense reports.

**OTHER OUTPUTS:** Manual for Social Sustainability

**UPDATE:** A grant was provided to IUCN to be the lead agency in developing the social sustainability manual in collaboration with BSP, WWF-US, PVO-NGO NRMS and the World Bank. BSP's Asia and Pacific Program Director Janis Alcorn assisted in the design of the project framework as a member of the Project Coordinating Committee (PCC). A draft framework for the manual is expected in the Spring.

588100  
REVISION DATE: 06/01/95

STATUS: Completed  
TITLE: Northern Mexico Ecodevelopment  
TYPE OF ACTIVITY:  
PRIMARY Various  
FUNDING: \$160,000.00 (LAC Bureau)  
START DATE: 09/01/91  
END DATE: 03/31/95  
PRIMARY IMPLEMENTOR: Various  
PRIMARY IMPLEMENTOR TYPE: Various  
OTHER IMPLEMENTOR (s):  
OTHER IMPLEMENTOR TYPE (s):  
COLLABORATOR (s): Various  
CONTACT: BSP: Meg Symington 202-778-9727; fax  
202-861-8324; USAID/Mexico: Frank  
Zadroga 525-211-0042; fax 525-207-7558  
PROGRAM OFFICER: Meg Symington  
REGION: LAC, MEXICO, Northern Mexico  
BIOME: Various

PURPOSE: To design and implement projects to promote environmentally sound community development around biologically important, threatened wildland areas in northern Mexico. The overall goal of the program is to decrease the rate of deforestation in these wildland areas, and to protect them as healthy diverse ecosystems, while achieving sustainable methods and levels of resource use for the people living in and around them.

DESCRIPTION: This program is designed to be complementary to that described in PD9003 and PD9103, which focusses on environmentally-sound community development in the buffer zones of priority wildland areas in southern Mexico. AID-Mexico would now like to expand the geographic focus of this ongoing program

588100

REVISION DATE: 06/01/95

to include from one to three forested wildlands located in the northern border region of Mexico. As with the wildlands/buffer zone management activities in southern Mexico, priority will be given to the management of areas that will contribute to the objectives of A.I.D.'s Global Climate Change Initiative through the protection and/or regeneration of natural forest vegetation. Activities eligible for funding under this northern Mexico component include operational and master planning, baseline studies, institutional strengthening of Mexican conservation NGOs, interinstitutional collaboration (especially between the cognizant Mexican agencies, SEDESOL and SARH, and U.S. agencies) and buffer and core zone management. Priority will be given to activities involving participatory approaches that emphasize local residents' involvement in resource management.

Before selecting specific sites and activities for funding, BSP will fund a preliminary analysis of ongoing conservation efforts in forested areas of northern Mexico, which will provide BSP with the background information (concerning both candidate areas and institutions) necessary to solicit and evaluate project proposals for potential funding (see PD9106-02). The purpose of this study is to collect and distill available information on candidate forested wildland sites in northern Mexico, including their exact location, areal extent, type(s) of habitat and ecosystem encompassed, protected area status, species lists, human population and demographic information, local land tenure situation, descriptions of ongoing projects, etc.

**SIGNIFICANCE:** Mexico is a focal country for A.I.D.'s Global Climate Change initiative. Northern Mexico is becoming a new focus of attention for A.I.D. because of the impending North American Free Trade Agreement (NAFTA). Northern Mexico has been relatively neglected by the international conservation community despite its rich diversity of species and ecosystems. This project is directly relevant to BSP's mandate to pursue activities which integrate conservation of biodiversity with grassroots development work, and expand and refine the biosphere reserve concept.

**TECHNICAL REPORTS or PUBLICATIONS:** A report, based on the interviews conducted, bibliographic materials consulted and site visits carried out during the course of the study, will be prepared that evaluates the potential suitability of the sites listed below, as well as any others the study may discover, for the establishment of integrated conservation and development projects.

Biological, economic, socio-political and institutional criteria will be considered in evaluating site suitability. This report should be completed by June 30, 1992.

588100

REVISION DATE: 06/01/95

OTHER OUTPUTS:

UPDATE: The final subproject from the first year Northern Mexico GCC Program was completed within this period. See project description 588150 for information on this subproject.

588150  
REVISION DATE: 06/01/95

STATUS: Completed  
TITLE: Ecological Sensitivity Mapping as a Tool  
for Conservation and Natural Resource  
Management in Northeastern Mexico

TYPE OF ACTIVITY:  
PRIMARY Protected Areas  
SECONDARY Ecological Research/Inventory  
MINOR Education/Public Awareness

FUNDING: \$12,000.00 (USAID/Mexico)

START DATE: 08/01/93

END DATE: 03/31/95

PRIMARY IMPLEMENTOR: Parque Ecologico Chipinque

PRIMARY IMPLEMENTOR TYPE: NGO

OTHER IMPLEMENTOR (s):  
1. San Pedro Garza Garcia Municipality

OTHER IMPLEMENTOR TYPE (s):  
1. Government

COLLABORATOR (s):

CONTACT: BSP: Meg Symington 202-778-9727, fax:  
202-861-8324; USAID/Mexico: Frank  
Zadroga 52-5-211-0042, fax:  
52-5-207-7558; Parque Ecologico  
Chipinque: Jorge Garza Esparza  
52-8-335-6979, fax: 52-8-335-6079

PROGRAM OFFICER: Meg Symington

REGION: LAC, MEXICO, Cumbres de Monterrey N.P.

BIOME: Temperate Forest and Grasslands

PURPOSE: See 588100

DESCRIPTION: Cumbres de Monterrey National Park, created in 1939,  
is the largest protected area of Mexico and is located on the  
northern reach of the Sierra Madre Oriental. Most of the park's

265

588150

REVISION DATE: 06/01/95

undisturbed areas consist of mountain pine and pine-oak forest.

Unfortunately, as in many other areas, this is the case of a park that exists mostly on paper with little conservation effort in practice. This proposal's basic objective is to ameliorate this situation by implementing a strategy for sustainable management and conservation in several areas of the Cumbres de Monterrey National Park. This proposal will encourage enlightened management on a sustainable basis for one specific forested municipality in northeastern Mexico and at the same time, will establish a positive model or formula for other municipalities to follow. The specific objectives of the project are:

- 1) to develop a plan and guidelines for the operation and management of the Parque Ecologico Chipinque area and a forest mountain range privately owned outside the park;
- 2) to conduct Ecological Sensitivity Mapping (ESM) for the forested areas inside the Garza Garcia Municipality. The ESM will consist of the following:
  - a) natural vegetation distribution
  - b) perturbation degree of natural vegetation
  - c) perturbation trends and ecological sensitivity
  - d) current land use
  - e) topography, geology and erosion risk
  - f) land tenure
- 3) to lay the basic groundwork for a future municipal conservation data center;
- 4) to institutionalize a framework for the protection of the ecologically important zones of the area.

SIGNIFICANCE: See 588100

TECHNICAL REPORTS or PUBLICATIONS: Interim and final technical reports and Ecological Sensitivity Mapping.

OTHER OUTPUTS: Video entitled "Ordenamiento Ecologico del Territorio Municipal de San Pedro Garza Garcia, N.L."

UPDATE: The project was successfully completed during this reporting period. Dissemination of the project's land use planning recommendations continues.

588500

REVISION DATE: 05/15/95

STATUS: Ongoing

TITLE: Technical Assistance to Fundación VIDA

TYPE OF ACTIVITY:  
PRIMARY Various

FUNDING: \$135,000.00 (USAID/Honduras)

START DATE: 09/01/92

END DATE: 12/31/95

PRIMARY IMPLEMENTOR: Various

PRIMARY IMPLEMENTOR TYPE: Various

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s): Various

CONTACT: BSP: Meg Symington 202-778-9727; fax  
202-293-9211; USAID/Honduras: John  
Warren or Margaret Harritt 504-369320;  
fax 504-367776; Fundación VIDA: Vicky  
Diaz 504-391644; fax 504-391645

PROGRAM OFFICER: Meg Symington

REGION: LAC, HONDURAS, Various

BIOME: Non-specific

PURPOSE: To provide institutional strengthening assistance to Fundación VIDA in three distinct areas: environmental strategy and project development, conservation finance and financial management, and organizational development and training.

DESCRIPTION: In 1992, as part of a debt reduction agreement with the United States, the Government of Honduras committed the lempira equivalent of US \$5 million (to be allocated over a period of five years) to establish an environmental fund. The Foundation for Environment and Development (Fundación VIDA), created to manage this environmental fund, is a private, non-profit organization. The core membership of Fundación VIDA

588500

REVISION DATE: 05/15/95

are environmental NGOs. Private citizens and business enterprises are also members of the institution. Fundación VIDA's mandate is not to implement projects, but to receive, analyze, evaluate, and approve environmental project proposals submitted by NGOs. Fundación VIDA will also have the responsibility of monitoring and supervising the implementation of grant projects by participating NGOs.

USAID/Honduras is planning a new project for FY93 that will provide financial and technical support to local and international NGOs to enhance sustained use of ecosystems, maintain biodiversity, and prevent further degradation of Honduran tropical forests. This project will be implemented through Fundación VIDA. The purpose of the technical assistance to be provided by BSP is to strengthen Fundación VIDA's capacity to effectively program and manage the Environmental Fund by assisting them in the development of priorities, evaluation criteria, technical norms, and systems and procedures for the Environmental Fund.

Drawing on the expertise of the BSP consortium, as well as other NGOs and individuals where appropriate, this institutional strengthening assistance will be carried out in the form of seminars, workshops, one-on-one training, discussion groups, and informal collegial interchange.

**SIGNIFICANCE:** Fundación VIDA has the potential to become the largest source of funds for environmental initiatives in Honduras over the next five years at least; therefore, their capability as an institution is of paramount importance.

This project addresses BSP's mandate to build the capacity of host-country individuals and institutions to define and develop programs for the conservation of biodiversity.

**TECHNICAL REPORTS or PUBLICATIONS:**

**OTHER OUTPUTS:**

**UPDATE:** In this current reporting period, BSP gave a grant to Fundación VIDA to support an "environmental encounter" (see activity description 588570). The two study tours organized under 588500 for the Executive Director of VIDA and four of its board members have been completed (see activity description 588540).

588540

REVISION DATE: 05/15/95

STATUS: Completed  
TITLE: Study Tours - Fundación VIDA  
TYPE OF ACTIVITY:  
PRIMARY Institutional Support

FUNDING: \$25,000.00 (USAID/Honduras)

START DATE: 02/01/93

END DATE: 03/31/95

PRIMARY IMPLEMENTOR: BSP

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):

1. The Nature Conservancy
2. The Environmental Law Institute

OTHER IMPLEMENTOR TYPE (s):

1. International NGO
2. International NGO

COLLABORATOR (s):

CONTACT: BSP: Meg Symington 202-778-9727; fax 202-293-9211; USAID/Honduras: John Warren or Margaret Harritt 504-369320; fax 504-367776; ELI: Susan Bass 202-939-3809; fax: 202-328-5002; Planning Assistance: Sean Bradley, Joe Coblenz 202-466-3290; fax 202-466-3293

PROGRAM OFFICER: Meg Symington

REGION: LAC, HONDURAS, Various

BIOME: Non-specific

PURPOSE: To expose the Executive Director of Fundación VIDA to a variety of donors in the U.S. in order to familiarize them with Fundación VIDA and its program, as well as to familiarize Fundación VIDA with the operating procedures of various grant-making foundations and organizations in the U.S.

588540

REVISION DATE: 05/15/95

**DESCRIPTION:** Vicki Diaz, the Executive Director of Fundación VIDA, will make an approximately two week study/fundraising tour of various funding agencies and foundations in the U.S. to familiarize them with Fundación VIDA and its programs and goals. Simultaneously, the trip will expose Vicki to the operating procedures of a variety of foundations and funding agencies, thus assisting VIDA in the process of establishing its own grant selection, monitoring and evaluation procedures.

The study tour will be organized with help from The Nature Conservancy's Latin American Division, which has a lot of experience in organizing similar fundraising tours for the staff of many of their Latin American partner NGOs.

**SIGNIFICANCE:** It is important for Fundación VIDA to diversify its funding sources, so that it is not overly dependent on funding from one or two sources.

This project addresses BSP's mandate to build the capacity of host-country individuals and institutions to define and develop programs for the conservation of biodiversity.

**TECHNICAL REPORTS or PUBLICATIONS:**

**OTHER OUTPUTS:**

**UPDATE:** The two study tours planned by BSP during the last reporting period have been conducted. Nelson Mairena, one of Fundación VIDA's board members, visited the U.S., Peru and Argentina to learn more about environmental law and the role of environmental law advocacy groups in the U.S. and South America. This tour was arranged and coordinated by the Environmental Law Institute (ELI). The second tour was organized by BSP in conjunction with Planning Assistance, the new institutional advisor to Fundación VIDA. The participants on this tour to Washington, D.C. included Vicky Diaz, VIDA's Executive Director, and three of VIDA's board members, Carlos Calderon, Jose Herrero and Rodolfo Eyl. The purpose of the tour was to learn more about different options for the structure of boards of directors and their relationships with organizations as well as about current and future activities in Honduras of key environmental NGOs based in Washington. The tour participants met with staff at the following organizations: Planning Assistance, USAID, IUCN, Conservation International, World Bank, The Nature Conservancy, Chemoncs International, Environmental Law Institute, Moriah Fund, and the World Wildlife Fund.

588570  
REVISION DATE: 05/18/95

**STATUS:** New

**TITLE:** NGO Environmental Encounter - Fundacion VIDA

**TYPE OF ACTIVITY:**  
PRIMARY Institutional Support  
SECONDARY Education/Public Awareness

**FUNDING:** \$15,152.00 (USAID/Honduras)

**START DATE:** 03/01/95

**END DATE:** 09/30/95

**PRIMARY IMPLEMENTOR:** Fundacion VIDA

**PRIMARY IMPLEMENTOR TYPE:** NGO

**OTHER IMPLEMENTOR (s):**

**OTHER IMPLEMENTOR TYPE (s):**

**COLLABORATOR (s):** PROLANSTATE, FUCSA, FUNDAPIB, FUCAGUA, WCS, E-Law, RARE Center, Peregrine Fund, CCC, Tropical Forest Management Trust, EcoLogic Development Fund

**CONTACT:** BSP: Meg Symington, 202-778-9727, Ilana Locker 202-778-9793; fax 202-861-8324; USAID/Honduras: John Warren 504-369-320, fax 504-367-776; Fundacion VIDA: Vicky Diaz 504-391-644; fax 504-391-645

**PROGRAM OFFICER:** Meg Symington

**REGION:** LAC, Honduras, La Ceiba

**BIOME:** Non-specific

**PURPOSE:** To provide a forum for Honduran and U.S.-based non-governmental organizations (NGO) to discuss the possibilities of collaborating on conservation projects in Honduras.

**DESCRIPTION:** One of the requirements for projects funded by Fundacion VIDA, with USAID/Honduras funds, is that the Honduran NGO implementing the project have a U.S.-based counterpart. It has been difficult, however, for the local Honduran groups to

588570

REVISION DATE: 05/18/95

initiate contact with U.S.-based groups. To alleviate this problem, Fundacion VIDA plans to organize an NGO Environmental Encounter (Encuentro Ambiental) in order to provide an opportunity for these groups to get together, network and discuss the potential for collaboration on conservation projects in northern Honduras. The meeting will take place from May 4 - 11, 1995 in La Ceiba, Honduras. Representatives from seven U.S.-based and five Honduran organizations will be invited.

SIGNIFICANCE: If Fundacion VIDA is to further its credibility and capability as a funding organism, it must become more aggressive in helping local NGOs develop proposals that meets its criteria. This project addresses BSP's mandate to build the capacity of host-country institutions to define and develop programs for the conservation of biodiversity.

TECHNICAL REPORTS or PUBLICATIONS:

OTHER OUTPUTS:

UPDATE:

ZTR

590000  
REVISION DATE: 06/14/95

STATUS: Ongoing

TITLE: Conservation and Restoration of  
Biodiversity in Central and Eastern  
Europe

TYPE OF ACTIVITY:  
PRIMARY Various

FUNDING: \$800,000.00 (ENE Bureau)

START DATE: 10/01/91

END DATE: 09/30/95

PRIMARY IMPLEMENTOR: BSP

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):  
1. WWF Central and Eastern Europe Program(WWF/CEEP)

OTHER IMPLEMENTOR TYPE (s):  
1. International NGO

COLLABORATOR (s):

CONTACT: BSP: Chris Feral tel: 202-861-8337, fax:  
202-293-9211; AID/W: Ron Greenberg tel:  
202-647-7315, fax: 202-647-4958 and Lori  
Freer tel: 202-647-7340, fax:  
202-647-4958; WWF: Richard Liroff tel:  
202-778-9644, fax 202-293-9211

PROGRAM OFFICER: Bruce Leighty

REGION: Eastern Europe, Various, Various

BIOME: Non-specific

PURPOSE: To provide technical assistance, training and research support in Central and Eastern Europe. This buy-in supports the protection and conservation of biodiversity in the newly democratizing nations of Central Europe. Projects enhance and utilize the large cadre of well trained conservation professionals in the region while working to overcome the political and social legacy that has impeded their effectiveness.

590000

REVISION DATE: 06/14/95

**DESCRIPTION:** Technical assistance will be provided to governments, research institutes, NGOs and other pertinent sectors in Central Europe for the formation of national conservation strategies, funding of research, activities leading to better linkages among and between these various sectors, preliminary investigation into debt-for-nature swaps and protected areas-related activities.

**SIGNIFICANCE:** While the falling of the Iron Curtain revealed an horrific environmental legacy of air and water pollution and despoiling of forest and coastal areas, the dissolution also revealed a potential opportunity for nature conservation: after 45 years of border protection (complete with minefields and fences that have now been removed) broad corridors of natural habitat exist that are now vulnerable to development and destruction, but also available to become potential protected areas. The timing is ideal for an ambitious nature protection program and relatively inexpensive when compared to clearing or restoring areas degraded by development or pollution.

**TECHNICAL REPORTS or PUBLICATIONS:** Semi-annual progress reports and specific products listed in individual projects.

**OTHER OUTPUTS:**

**UPDATE:** See following pages for Projects 590010 and 590020.

590010

REVISION DATE: 06/14/95

STATUS: Ongoing

TITLE: A Preliminary Needs Assessment and  
Subsequent Drafting of a National  
Biological Resources Conservation  
Strategy/Bulgaria

TYPE OF ACTIVITY:  
PRIMARY Public Policy  
SECONDARY Socio-cultural Analysis and Research  
MINOR Resource/Ecological Economics  
MINOR Protected Areas  
MINOR Ecological Research/Inventory  
MINOR Ecotourism

FUNDING: \$448,000.00 (ENE Bureau)

START DATE: 04/01/92

END DATE: 09/30/95

PRIMARY IMPLEMENTOR: BSP

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):  
1. Various NGOs  
2. Bulgarian Academy of Sciences

OTHER IMPLEMENTOR TYPE (s):  
1. NGO  
2. Museum

COLLABORATOR (s): Bulg. Min. of Environment; Bul. Min. of  
Regional Planning; Bul. Min. of Agri;  
Bul. Com. of Forests

CONTACT: BSP: Bruce Leighty; Jeko  
Spiridonov, Bulgarian Ministry of the  
Environment

PROGRAM OFFICER: Bruce Leighty

REGION: Eastern Europe, BULGARIA, Various

BIOME: Non-Specific

PURPOSE: To assist the government of Bulgaria to: 1) compile and  
analyze the existing information about Bulgaria's biological

diversity for the identification of priority areas for conservation and better management of existing biological resources inside and outside protected areas; and 2) apply the results of this and related analyses toward the drafting of a National Biological Diversity Conservation Strategy (NBDCS) for Bulgaria.

DESCRIPTION: The Bulgarian National Biological Diversity Conservation Strategy workshop:

- 1) provided an overview and assessment of information about the species and ecosystems of Bulgaria, their distribution, economic, biological, ecological, and social value; analyzed the potential and current threats to their health and existence and the potential impacts of global warming;
- 2) delineated the geographic areas that comprise a representative suite of biologically important areas;
- 3) evaluated the status of current protected areas;
- 4) summarized the concerns of Bulgarian NGOs about biodiversity;
- 5) laid out the legal, cultural, and institutional framework within which conservation action can be implemented;
- 6) explored the sustainable use of biological resources and its potential as a tool for the conservation of biodiversity;
- 7) discussed the role and regulation of tourism in protected areas, its potential roles in increasing public education and awareness of biological resources, and revenue generation; and
- 8) recommended next steps for the government of Bulgaria (GOB), NGOs, citizens, and the private sector.

In order to accomplish these objectives, the NBDCS engaged and included the following five teams:

1. The Biological diversity team, consisting of Bulgarian biologists. The team included topic leader specialists in the following areas: vertebrates, invertebrates, vascular plants, non-vascular plants, fungi, plant community ecology freshwater ecosystems, and Black Sea region ecosystems.
2. The Applied Biology team provided information concerning the traditional and non-traditional use and conservation of the flora and fauna, including: timber extraction; germplasm conservation, other agricultural issues; ecotourism; revenue generation for biological resources management and protection.
3. The Social Science Team explored the legal framework for biological conservation; protected areas planning and management; natural resources; economics; and regional planning.
4. The Non-Governmental Organization (NGO) Team worked to establish meaningful dialogue around key social, economic, and political issues related to environment and conservation with the participation of landowners, so that they can make informed decisions in selecting the most viable strategies for conservation for their particular situation.

590010

REVISION DATE: 06/14/95

5. The Information team consisted of a three Bulgarians, specialists in Botany, Zoology and Computer Programming, and an expert in geographical information systems (GIS). They initiated a comprehensive bibliographic database on biological diversity in Bulgaria in close collaboration with the other teams and the GOB.

Information collected from members of the other teams was used to produce computer generated maps of information about Bulgaria's biological diversity. These maps provided a framework for a country wide approach to the conservation of biological resources by documenting the resources both in and out of protected areas.

Placement of a GIS computer system in the Academy of Sciences, and training of three Bulgarians in GIS analysis, serve as a basis for future land use planning and sustainable management of these resources for local to national and international applications. In addition, the maps generated for the workshop will form a critical baseline assessment for future monitoring and evaluation.

The result of this process includes not only a strengthening of both the planning and participatory processes of the Government of Bulgaria, but also a strategy, including the recommendations for next steps developed in the workshop, that may be used as a framework and guide for conservation efforts by the Government and the people of Bulgaria.

**SIGNIFICANCE:** During the past several years, Bulgaria has undergone many significant changes which affect the protection and sustainable use of its natural resources. Foreign needs assessment teams visited Bulgaria and met with officials concerned with the protection of natural resources, visited protected areas and reported the need for a National Biological Diversity Conservation Strategy. The Environment Strategy Study compiled by the World Bank was completed and while it formed a valuable first step, it did not focus sufficiently on biological diversity conservation. The Biological Diversity Conservation Strategy will enhance and be an important source of information for developing Bulgarian projects, including two of the Global Environment Facility's (GEF) projects: Management and Protection of the Black Sea and the Bulgaria Biodiversity Subcomponent of the Improved Public Sector Environmental Services Project. A.I.D. is also funding work by the U.S. National Park Service on "Park and Protected Area Management and Operations" which is also coordinated with this strategy.

The NBDCS process and document complement and provide a framework for directing future foreign assistance towards both economic development and nature protection in Bulgaria. Bulgaria has recently reorganized its Ministry of the Environment, and created the National Nature Protection Service (NNPS) with the intention of strengthening its role in nature conservation. The process of developing the NBDCS has provided technical assistance

590010

REVISION DATE: 06/14/95

as the newly empowered NNPS develops both short and long-term strategies for enhancing protection and understanding of biodiversity in Bulgaria.

TECHNICAL REPORTS or PUBLICATIONS: A written strategy document and accompanying volumes of scientific and technical reports, and where appropriate, accompanying maps to describe the following: currently protected areas, unknown areas, species richness, rarity, endemism and relictual status, unique communities, ecological services, fragility, threat, economically important species and germplasm, wildlands, and suite of best sites containing representative samples of biological diversity. The strategy incorporates an assessment of the ability of currently protected areas to sustain the processes necessary for the maintenance of biological diversity and guidelines for conservation of the biota through corridors, expansion of current reserves, and multiple-use areas outside protected areas.

OTHER OUTPUTS: 1) A conservation workshop; 2) National Biological Diversity Conservation Strategy for Bulgaria; 3) The identification of specific technical assistance needs; and 4) Identification of specific technical assistance needs associated with implementation of the national strategy.

UPDATE: Publication of the two volumes of workshop technical papers in Bulgarian was completed in November 1993 and June 1994. The strategy document, titled "Conserving Biological Diversity in Bulgaria: The National Biological Diversity Conservation Strategy," was published in October 1994 and distribution of that volume has been completed. The text of the strategy has been translated into Bulgarian and publication of the Bulgarian version was completed. Final editing and publication of the English version of the workshop technical papers is nearing completion and expected to be finished by late summer or fall of 1995.

590020

REVISION DATE: 06/14/95

STATUS: Ongoing

TITLE: Strengthening of NGO Participation in  
Nature Protection in the Czech and  
Slovak Republics

TYPE OF ACTIVITY:  
PRIMARY Protected Areas  
SECONDARY Institutional Support

FUNDING: \$75,000.00 (ENI Bureau)

START DATE: 07/01/92

END DATE: 09/30/95

PRIMARY IMPLEMENTOR: BSP

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):  
1. Various NGOs

OTHER IMPLEMENTOR TYPE (s):  
1. NGO

COLLABORATOR (s): German Marshall Fund

CONTACT: Chris Feral, BSP; Rich Liroff, WWF/CEEP

PROGRAM OFFICER: Bruce Leighty

REGION: Eastern Europe, CZECH & SLOVAK  
REPUBLICS, Various

BIOME: Temperate Forest & Grasslands

PURPOSE: To increase the capacity of NGO's to provide valuable,  
unique information critical for effective management of protected  
areas.

DESCRIPTION: The Czech and Slovak Biodiversity GEF projects are  
centered around 5 trans-boundary protected areas in the Czech and  
Slovak Republics. Local NGOs and other conservation  
professionals are important to effective protected area  
management and restoration. Supporting the work of these  
professionals will increase the information available to managers

590020

REVISION DATE: 06/14/95

and for the preparation of sustainable development strategies which are proposed in the GEF, thereby increasing the effectiveness of the GEF project. The grant competition developed for this purpose requested proposals from NGOs for work with direct relevance to the solution of management problems in or around the Eastern Carpathians, High Tatras, Krkonose and Sumova National Parks and Palava Biosphere Reserves. Proposals were due to BSP by the 30th of October, 1992. Peer review and awards of the grants followed.

**SIGNIFICANCE:** This activity will aid in the process of NGO development in Central and Eastern Europe and would be both integrated with and complimentary to activities planned by the CSFR GEF project, National Park Service, Peace Corps, and other organizations.

**TECHNICAL REPORTS or PUBLICATIONS:** NGOs funded will be required to submit regular technical and financial reports concerning their projects.

**OTHER OUTPUTS:**

**UPDATE:** Grant activities are concluding. Grantees are in the process of submitting final financial and technical reports. All activities are expected to be concluded by fall, 1995.

594900

REVISION DATE: 06/07/95

STATUS: Completed

TITLE: Korup National Park, Cameroon

TYPE OF ACTIVITY:  
PRIMARY Ecological Research/Inventory  
SECONDARY Environmental Education  
MINOR Alternative Resource Use

FUNDING: \$150,000.00 (USAID/Cameroon)

START DATE: 02/22/93

END DATE: 01/30/94

PRIMARY IMPLEMENTOR: Wildlife Conservation Society

PRIMARY IMPLEMENTOR TYPE: International NGO

OTHER IMPLEMENTOR (s):

OTHER IMPLEMENTOR TYPE (s):

COLLABORATOR (s): Cameroon Government

CONTACT: BSP: Kate Newman 202/293-4800

PROGRAM OFFICER: Kate Newman

REGION: Africa, Cameroon, Korup National Park

BIOME: Tropical Moist Forest

PURPOSE: The purpose is to support the management strategy for the Korup National Park developed by the Government of Cameroon to provide protection for the Korup forest. The management plan integrates park protection and regional development interests. Under this project the key areas of support to the management strategy are biological research, environmental education, and alternative resource use.

DESCRIPTION: Korup National Park (KNP) was established in southwestern Cameroon in 1986 to protect one of Africa's most biologically diverse rain forests. Korup is threatened by human use problems that confront rain forest conservation efforts throughout Africa.

This activity will support the continuation of the

594900

REVISION DATE: 06/07/95

implementation of the following activities and report on their progress and lessons learned: an elephant survey, a community extension/outreach component on alternative resource use, an environmental education program, and a summary report on the previous biological research conducted in the park by WCS.

BSP will participate in designing a monitoring and evaluation component of the project.

**SIGNIFICANCE:** Due to the species richness and diversity of the Korup area it is felt that this region is of global importance. This activity will support important on-going work until further funding can be secured by WCS. The summary report on the scientific research undertaken at Korup will be one of the key documents on central African forests.

**TECHNICAL REPORTS or PUBLICATIONS:** Progress reports. Summary Report on Biological Research at Korup National Park.

**OTHER OUTPUTS:**

**UPDATE:** Project has been completed.