SUPPORT FOR U.S. MAB INCREASES:

Based on commitments already received from participating federal agencies, it appears that the FY 84 program budget for the U.S. Man and the Biosphere Program will approach $250,000 as compared to the previous year's $90,000.

The USDA Forest Service has almost tripled its contribution of last year to support research and programs of U.S. MAB. Also, the National Park Service has agreed to give general support funds to the Secretariat and research directorates of U.S. MAB. In the past the National Park Service has supported the U.S. Program through the MAB/Agency Research Consortium and by designating funds for specific projects or programs. The National Aeronautics and Space Administration (NASA) also agreed to fund the U.S. MAB Program this year. NASA is interested particularly in supporting efforts of the directorates on biosphere reserves and pollution monitoring. In addition, other federal agencies have been approached for financial support this year, although it is still too soon to report any results.

U.S. NATIONAL COMMITTEE SETS POLICIES:

The U.S. National Committee for MAB, chaired by Dr. Paul T. Baker, Head, Department of Anthropology, The Pennsylvania State University, has met several times since the last issue of the MAB Bulletin. The Committee provides guidance to the Secretariat in allocating funds as well as establishes overall policy guidance to the U.S. MAB Program and the Directorates. Although the current fiscal year funding pattern is brighter than last, the Committee decided to concentrate MAB resources this year to support and maintain the directorate groups which form the core of the U.S. MAB Program. As a consequence there will not be a MAB/Agency research consortium in FY 1984 as noted elsewhere in this Bulletin.

The Committee is seeking to establish a Scientific Planning Committee to act as a policy advisory body. Such a committee might be located in the National Research Council and would consist of scientists and representatives from both the private sector and federal agencies. Finally, to assist the U.S. MAB Program evaluate research proposals submitted by the directorates to the Secretariat for funding, the National Committee is seeking to create a peer review system in cooperation with the National Science Foundation.

MAB HAS FINALLY RELOCATED:

The MAB Secretariat is now located in the main State Department building, Room 4535. If you wish to visit the MAB office, you should report to the reception desk in the State Department lobby and advise one of the receptionists of your appointment in the Secretariat. She will make the necessary security clearance call which will then allow you to proceed to the MAB office.

DI CASTRI RESIGNS:

Dr. Francesco di Castri, Secretary, International Coordinating Council (ICC), Programme on Man and the Biosphere (MAB), and Director, Division of Ecological Sciences, UNESCO, Paris, announced his resignation in a letter dated January 6, 1984, to his colleagues in MAB and in other international environmental organizations. An excerpt from that letter follows:
"I would like to take this opportunity of warmly acknowledging the invaluable support that you and your colleagues have always accorded to me in my functions as Secretary of the MAB Programme since the launching of this Programme in November 1971. The results obtained until now within the framework of the MAB Programme are attributable in large part to the mutual confidence which has developed between scientists in all countries and institutions participating in the Programme. I invite you most sincerely therefore to continue to work in the same spirit of frank cooperation for the further development of the MAB Programme."

Dr. di Castri will continue his career in research as Director, CNRS/Centre d’Etudes Phytosociologiques et Ecologiques Louis Emberger (CEPE), Route de Mende, B.P. 5051, 34033 Montpellier-Cedex, France.

Although Dr. di Castri’s successor has not yet been named, communications may be addressed to the Secretary of the International Council for the MAB Programme, UNESCO, 7, place de Fontenoy, 75700, Paris, France.

ON THE U.S. WITHDRAWAL FROM UNESCO:

An official statement in a "questions and answers" format was made in mid-January by the Department of State on U.S. withdrawal from UNESCO and its effects on the U.S. MAB Program. The complete statements are available upon request from the U.S. MAB Secretariat. These statements of the Department of State note it is expected that the U.S. MAB Program, which does not depend on its ties with the MAB Secretariat within UNESCO to function, will continue and will be strengthened and expanded by our current efforts.

U.S. MAB activities are carried out not only domestically, but internationally via bilateral arrangements with other country MAB Committees and multilaterally in conjunction with non-UNESCO organizations including the United Nations Environment Program (UNEP) and its Global Environmental Monitoring Program (GEMS). Currently U.S. MAB scientists are conducting research with counterparts in Mexico, Canada, Caribbean countries, the U.S.S.R. and elsewhere, and this will continue without disruption.

The Department of State statements observe that the primary role of the MAB Secretariat within UNESCO has been to provide the initial policy and program guidance to governments to ensure a coherent, integrated international effort and it has maintained worldwide visibility for the program. The MAB Secretariat in Paris also helped to coordinate and facilitate international exchanges of scientists through sponsorship of conferences, symposia and meetings; it published reports of meetings, technical notes, state-of-knowledge reports, and it produced the well received MAB poster display, "Ecology in Action." The Department of State expects that UNESCO will maintain MAB as one of its most important undertakings and that U.S. scientists will continue to be invited to international conferences and, similarly, that UNESCO/MAB will continue to make use of and publish scientific information irrespective of its national origins.

MAB/AGENCY RESEARCH CONSORTIUM:

Although MAB’s funding has improved over last year and there are a few prospects pending, the Secretariat again regrets that sufficient funds are not available to support the MAB/Agency Consortium for the Study of Man’s Relationship with the Global Environment. Thus no request for proposals will be published this year. (NOTE: Elsewhere in this issue several other grant opportunities are listed.)

DIRECTORATE ACTIVITIES:

A survey of the active U.S. MAB Directorates in January revealed to which project areas—including research; organization and/or participation in workshops and symposia; publications and informational activities; and administration—the Directorates anticipate directing their attention during the current 1984 fiscal year. Guidance from the National Committee provided for supporting, to the greatest extent possible, planning sessions for the following directorates:
Tropical Forests
Temperate Forests
Grazing Lands
Arid and Semi-Arid Ecosystems
Fresh Water

Arctic
Caribbean Island Ecosystems
Biosphere Reserves
Perception of Environmental Quality
Pollution

In addition to supporting planning sessions and related administrative expenses to maintain directorates and further develop their programs, the National Committee established criteria to guide the Secretariat in funding directorate submitted proposals.

The Directorate generated projects—a small sampling is listed below—will be reviewed by the MAB National Committee, the Secretariat and, possibly, by scientists drawn from the environmental community.

A listing of the directorates' interests would include: effect of rapid deforestation on increased flooding in the Philippines and Southeast Asia; alternative strategies for coping with severe/sustained drought in the arid West; land use changes in the vicinity of biosphere reserves; a world workshop on opportunities/constraints for small island development; and global pollution pilot background monitoring sites.

Additional areas of interest are: a videotape on causes and cures of coastal erosion, and another on protected areas for sustainable development of small Caribbean Islands; and a workshop on trans-border (Alaska/Canada) research sites, reserves and biosphere reserves.

NOTES FROM RECENT DIRECTORATE MEETINGS:

Caribbean Islands: October 1983. Publication: The Caribbean Solid Waste Report is nearing completion and will soon be published.

Workshops: Planning is underway for workshops on Land-Based Sources of Marine Pollution; a world workshop on Opportunities and Constraints for Development in Small Islands; and one on the Discovery and Management of Marine Protected Areas in the Caribbean.

Other areas of current interest: A videotape on coastal erosion, Causes and Cures of Coastal Erosion, is in progress, and a MAB/Israeli project on arid-lands agriculture is being considered for sponsorship.

Temperate Forests: November 1983. Publications: Proceedings for the Mexico/USA workshop, Wildlife and Range Research Needs in Northern Mexico and Southwestern United States, have been published in Spanish and English. Also published are proceedings of the seminar on the Management of Outlying Forests for Metropolitan Populations. (See PUBLICATIONS, this issue.) A manuscript for American Forests was prepared and approved by the directorate; a synthesis of papers on Biomass for Energy are completed and awaiting publication; the Directory of Research Natural Areas is being updated; and the directorate program outline is being updated to conform with current and future MAB priorities.

Biennial Mexico/USA Program of Research and Education: An ongoing program, "Comparative Studies of Dry Forests of Western North America," continues. Over 200 copies of a book on Deer Biology, Habitat Requirements, and Management in Western North America have been distributed in the United States and a like number in Mexico and other Latin American countries. A review and evaluation on Forage-Timber Models in the Oak-Pine Forests of Sierra Madre Occidental will be published as part of a Western Regional Research Bulletin on Forage-Timber Models of the Western Montane Forests.

Other areas of current interest: global monitoring of temperate, Mediterranean and boreal forests; effects of anthropogenic emissions on forest productivity; and changing institutional structures and their effects on forest land ownership patterns.
Arctic | December 1983. Northern Science Network: This activity—initiated by UNESCO/MAB Canada, Edmonton, 1982, with a secretariat located at the University of Alberta under Chairman Dr. Milton Freeman of the Department of Anthropology—has its emphasis in the areas of (1) sub-arctic birch forest ecology and land use; (2) biosphere reserves and other protected areas; and (3) land use and grazing animals. The Arctic directorate is U.S. MAB's contact with the Network and maintains active communication and cooperation with it. The Network has already sponsored a technical session, Co-operative Meeting for Studies in Ecology and Land Use in Sub-Arctic Birch Forests (Iceland, September 1983), and is planning its meeting on High-Latitude Biosphere Reserves (Waterton Park, Alberta, Fall 1984).

Other areas of current interest: A workshop on Trans-Border (Alaska/Canada) Research Sites, Reserves and Biosphere Reserves; data analysis relating to brown bear nursery areas, Denali National Park Biosphere Reserve; and headwaters stream system effects of riparian clearing in a taiga forest research.

Pollution | October 1983. The members reviewed the MAB-14 charter as they felt an additional "role statement" should be developed to help focus their activities. The following draft was presented: The MAB-14 Committee is focusing mainly on the impact that pollution is having on man and his environment. It will focus its efforts on the long-term impacts of pollution, particularly in remote locations, that can be used as baseline monitoring sites for tracking man’s impact on his environment. We also are concerned with the potential impact pollutants have on man and his exposure to those impacts. We see the role of MAB-14 as encouraging interdisciplinary approaches dealing with the two facets above. Finally, we believe that appropriately designed monitoring data collected on remote sites will provide us an excellent data base upon which future hypotheses formed to deal with new problems in the future can be adequately assessed. This in turn will have significant impact on the development and implementation of policy. The same is true for our attempts to estimate means of focusing on the exposure of humans to pollutants.

Other areas of current interest: Remote monitoring and MAB-14’s potential interaction with NASA, and a human monitoring program workshop to help update current information on the presence and impact of xenobiotics in human tissues and fluids.


First International Congress on Biosphere Reserves, Minsk, Byelorussian S.S.R., September 26-October 2, 1983. Eight U.S. representatives attended this important meeting which they judged successful especially in providing a forum for informal discussions among B.R. authorities. The Congress produced a draft action plan now being finalized which addresses objectives and priority activities for the international program. Copies are available from Dr. William Gregg (address on p. 9).

Biosphere Reserve Selection: Designations made in 1983 were:
- Eastern Forest province: South Atlantic Coastal Plain B.R. (Pinelands National Reserve and Congaree Swamp National Monument units);
- Austroriparian province: Central Gulf Coastal Plain B.R. (Lower Apalachicola River Basin unit);
- Oregonian province: California Coast Ranges B.R. (Redwood National Park, Redwood Experimental Forest, Northern California Coast Range Preserve, Northern California Coast Range Preserve Research Natural Area, three state parks, Landels-Hill Big Creek Preserve, western slopes of Cone Peak);
- Hawaiian Islands province: the existing Hawaii Volcanoes National Park B.R., and the Haleakala National Park B.R. were redesignated together as the Hawaiian Islands Biosphere Reserve.

Nomination Reports: The Directorate reviewed a panel report recommending nomination of a multiple-site biosphere reserve in the Colorado Desert and Mojave Desert subregions of the Sonoran Biogeographic province and one on a Sitkan Biogeographic province. Further details can be obtained from Dr. William Gregg.

Status of Selection Panels: Selection panels are active currently in considering the Californian province (chaparral and grassland area of California); Carolinian–South Atlantic coastal region (part from Cape Hatteras to Georgia-Florida line); and Sitkan province (joint with Canada). Panels planned for 1984 include Alaska (province to be determined), Eastern Forest province; Lake Forest province (joint with MAB/Canada).
The University of California Press is expected to publish and have available by late summer or early fall 1984, a book developed from the Arid Lands conference on Impacts of Limited Water for Agriculture in the Arid West, held in Monterey, California on September 28-October 1, 1982. The book was edited by Ernest A. Engelbert and Ann Foley Scheuring. Look for an announcement in a future BULLETIN.

Conference: The directorate is a co-sponsor of Arid Lands Today and Tomorrow, an international arid lands research and development conference scheduled for October 21-25, 1985 (with special workshops to November 1), at the University of Arizona, Tucson, Arizona.

Other area of current interest: The directorate is developing a plan of study for its research proposal, Alternative Strategies for Coping with Severe/Sustained Drought in the Arid West, its principal activity, and will meet again on July 18-20 in Fort Collins to pursue this study plan.

CONSULTANT REGISTER. OPPORTUNITIES TO BECOME INVOLVED IN SHORT OR MEDIUM-TERM TECHNICAL ASSISTANCE CONSULTANCIES IN THE DEVELOPING WORLD:

The International Institute for Environment and Development (IIED) and International Union for the Conservation of Nature and Natural Resources (IUCN) have developed a Consultant Register (The Conservation for Development Register) which is being used by donor agencies, government agencies and consulting groups to: (1) define the terms of reference and requirements of environmental work generated by these agencies, (2) locate and secure consultants to apply the full range of environmental science skills ranging from toxicology to range management—and many others, (3) administer their application to the job (travel, insurance, etc.) and reporting of the work.

Although the jobs vary in duration and requirements, and no guarantee of accession to the Register, or employment, is implied, IIED is soliciting resumes from qualified scientists having at least three years' post-bachelor's degree, throughout the world.

Send your resume/CV to: Stephen Berwick, IIED, 1319 F Street, N.W., Suite 800, Washington, D.C., 20004, if you are interested in being included on the Register.

EDUCATION OPPORTUNITIES:

• The Environmental Law Center, Vermont Law School, South Royalton, Vermont 05068, is now accepting applications for both its summer 1984 program and its graduate degree program. Write for further information, specifying program(s) which interest you.

• Clark University International Development Program has announced its 1984 seminar in resource management, "Effective Management of Environmental Resources in Developing Countries," to be held at Clark, June 4-22, 1984. Write to Prof. David C. Major, Executive Director, Clark Seminars in Resource Management, International Development Program, Clark University, Worcester, Massachusetts 01610, if you are interested. Final applications are due March 23, 1984.

GRANTS OPPORTUNITIES:

• The Hudson River Foundation for Science and Environmental Research, 122 East 42nd Street, Suite 1901, New York, N.Y. 10168, supports basic and applied research in the natural and social sciences, and educational programs, concerning the Hudson River ecosystem. Its emphasis is on studies that bear on potential human uses of the system. The geographical area of primary interest is the estuarine portion of the river (New York Harbor to Troy Dam). Proposals that relate to any part of the watershed of nearby coastal areas will be considered. The Foundation defines such areas as those which are either seasonal habitats for biota of the Hudson River estuary or which influence the physical, chemical, or biological aspects of the estuary in other ways (e.g., movements of PCBs from above Troy Dam). Priority will be given to research projects that bear on
ecosystem processes, social science or public policy issues relevant to the Hudson River.

If you have research capabilities of possible interest to HRF, you are welcome to send for a copy of the HRF 1984 Annual Program Plan and Solicitation of Proposals. It describes HRF's areas of program emphasis for the coming year and gives instructions for prospective grant applications. Next deadline for 1984 is August 30, 1984.

The Center for Field Research is a private, nonprofit /501(c)3/ institution established in 1973 to develop and select, by independent peer-review process, the research projects supported each year by the EARTHWATCH Research Corps. In 1984 EARTHWATCH will award $1.3 million to send 2,000 volunteers to approximately 80 research expeditions worldwide in the sciences and humanities.

Each year, the Center for Field Research seeks to identify and select for EARTHWATCH support up to 100 significant projects in the sciences and humanities. To qualify, projects must be designed to make effective and productive use of non-specialists in field assignments.

Proposals are evaluated on a rolling review basis about a year (no less than 9 months) before the scheduled field season. Early application enhances the probability of support.

For proposal guidelines and a list of currently supported projects, contact Sara Bennett, Associate Director, The Center for Field Research, 10 Juniper Road, Box 127, Belmont, Massachusetts 02178. (Telephone: 617 489-3030.)

PUBLICATIONS:

SPECIAL OFFER:

Just published are the proceedings of the 1981 international scientific conference "Ecology in Practice" in a handsome two-volume boxed set. Edited by F. di Castri, F.W.G. Baker, and M. Hadley, copies may be ordered in library edition from Tycooly International Publishing Ltd., 6 Crofton Terrace, Dun Laoghaire, County Dublin, Ireland. The advertised price until March 31 is $80 per set, but 5 or more copies ordered by those associated with MAB are $50 per set. The Secretariat is willing to assist in placing a volume order. If you will notify us immediately (but please do not send checks) we will attempt to organize a group purchasing effort.

PUBLICATIONS NOT PREVIOUSLY LISTED IN THE MAB BULLETIN:

Several publications not announced previously by the Secretariat are now available (source is mentioned in cases where supply is not available from the U.S. MAB Office). Unless specified, all publications are free. It's a BIG help to everyone concerned if you provide one, or more, self-addressed mailing labels(s) with your request(s).


Research History and Opportunities in the Luquillo Experimental Forest. Write: Southern Forest Experiment Station, Institute of Tropical Forestry, P.O. Box AQ, Rio Piedras, Puerto Rico 00928.


For those of you who requested but did not receive the following publications, we have located supplies as follows:


- Proceedings of Symposium, Effects of Air Pollutants on Mediterranean and Temperate Forest Ecosystems, Riverside, California, June 22-27, 1980. Can be purchased from the National Technical Information Service (NTIS), Springfield, Virginia 22161. Specify Accession No. PB81 133 720. Cost is $22.00 payable by check or by calling (703) 487-4650 with your VISA, American Express or MasterCard number.

All of the following items have been listed in previous BULLETINS and are still available at no cost from the Secretariat. If you did not receive items requested earlier, check this list—a few publications are available again.

- Understanding Marine Ecosystems in the Gulf of Mexico.
- Interim Guidelines for Identification and Selection of Coastal Biosphere Reserves.
- Pollution Assessment: A Training Manual.
- Diarrheal Disease Correlated with Season, Age and Sex of Patient, Hospital Behrhorst, Chimaltenango, Guatemala.
- Fire and Fuel Management in Mediterranean-Climate Ecosystems: Research Priorities and Programmes. MAB Technical Note 11.
- The Man and the Biosphere Program in Grazing Lands.
- Range Improvement—Today and Tomorrow.
- MAB-13, Perception of Environmental Quality—Purpose and Program.
- Social Sciences, Interdisciplinary Research and the U.S. Man and the Biosphere Program.
- Biological and Sociological Basis for a Rational Use of Forest Resources.
- U.S. Strategy Conference on Biological Diversity.
- Ecology in Action: An Exhibit. (Descriptive Brochure).
- Man and the Biosphere Program (International).
- The Biosphere Reserve Program in the United States.
- The Biosphere Reserve and its Relationship to Other Protected Areas.


Directory of Scientists Participating in MAB Research (UNESCO). 6 copies available.


Various Reports in the UNESCO/MAB Final Report Series (Green Books). Call or write the Secretariat for specific copies.

Remember to enclose your self-addressed mailing label(s) and send to: U.S. MAB Publications, OES/ENR/MAB, Department of State, Washington, D.C. 20520.

CONFERENCES/WORKSHOPS/SEMINARS/SYMPOSIA:


Subject areas: The Biosphere Reserve in Concept and Practice; The Roles of Biosphere Reserves in Developed Countries; Research Technology Development and Information Transfer; Public Education and Development of a Conservation Ethic: Resource Management and the Role of Biosphere Reserves in Integrated Development; Coordination Strategies at the Regional, Bilateral and International Levels.

Principles presented will be illustrated within a series of workshops on the following management issues: air pollutants, development of non-renewable resources, use of renewable resources, problem species, and visitors' activities.

Write: Dr. John D. Peine, Director, Uplands Field Research Laboratory, P.O. Box 260, Gatlinburg, Tennessee 37738.


Write: Sandra M. Ralston, CEMP, Department of Geography, University of Aberdeen, Old Aberdeen AB9 2UF, Scotland, UK, for application forms.

Deadline: June 18, 1984.


Write: Sandra M. Ralston (see address, above item).

• Summer Seminar in Effective Management of Environmental Resources in Developing Countries. Clark University, Worcester, Massachusetts, June 4-22, 1984.


• Fifth Asian Symposium on Medicinal Plants and Spices. Seoul, Republic of Korea, August 20-24, 1984. Sponsored by the Korean National Commission for UNESCO. MAB Secretariat has several application forms, or write Dr. Byung Hoon Han, Director, Natural Products Research Institute, Seoul National University, 28, Yeunkeun-Dong, Chongro-Ku, Seoul 110, Korea.


U.S. MAB DIRECTORATE CHAIRMEN (JANUARY 1984):

Tropical Forests:
Dr. Ariel Lugo, Project Leader
Institute of Tropical Forestry, Box AQ
Rio Piedras, Puerto Rico 00928
(809) 763-3939

Temperate Forests:
Dr. Peter F. Ffolliott
School of Renewable Natural Resources
University of Arizona 85721
(602) 621-7276/7255

Grazing Lands:
Dr. W. James Clawson
Agronomy & Range Science Extension
Cooperative Extension University of California
Davis, California 95616
(916) 752-3455/0700

Arid and Semi-Arid Lands:
Prof. Henry Caulfield
Department of Political Science
Colorado State University
Fort Collins, Colorado 80523
(303) 491-6806 (Msgs.: X5156)

Fresh Water Resources:
Dr. Edward A. Fernald
Institute of Science & Public Affairs
The Florida State University
Tallahassee, Florida 32306
(904) 644-2008

Arctic:
Dr. Charles N. Slaughter
Principal Watershed Scientist
Institute of Northern Forestry
U.S. Dept. of Agriculture
Fairbanks, Alaska 99701
(907) 474-7443

Island Ecosystems-Caribbean:
William S. Beller, Chief
Ocean Programs Branch WH-585
U.S. Environmental Protection Agency
Washington, D.C. 20460
(202) 245-3154

Biosphere Reserves:
Dr. William P. Gregg (Co-Chairman)
Office of Science & Technology
U.S. Department of the Interior National Park Service (498)
Washington, D.C. 20013
(202) 343-8115

Dr. Stanley Krugman (Co-Chairman)
Director, Timber Management Research
U.S. Department of Agriculture Forest Service
P.O. Box 2417, RPE 811
Washington, D.C. 20013
(703) 235-8200

Perception of Environmental Quality:
Dr. Ervin H. Zube
School of Renewable Natural Resources
325 BioSciences East
University of Arizona
Tucson, Arizona 85721
(602) 621-5462

Pollution:
Dr. C. Bruce Wiersma, Manager
Earth and Life Sciences
Idaho National Engineering Laboratory
E.G. & G. Idaho, Inc.
P.O. Box 1625
Idaho Falls, Idaho 83415
(208) 526-1590
FTS: 8-583-1590

STUDENT INTERN PROGRAM:
The Department of State administers two types of student intern programs—paid summer interns who serve between May and September—and work-study interns (unpaid) who serve for one semester or quarter during the year. It is too late now to apply for summer 1984 internships (the deadline was November 1983), however, for all other semesters or quarters for the unpaid internships, applicants should apply at least 6 months before the period during which they wish to serve. Applications are being accepted March 1 through 31, 1984, for
unpaid internships for September through December, 1984.

For further information, write for Department of State publication #9362, a booklet about the Student Intern Program; if you would like to be considered for an unpaid internship in the MAB Secretariat, ask also for the MAB brochure. There is no guarantee at this time that an internship will be awarded, however applications will be screened in the event that one, or several, opportunities develop in the Secretariat. Direct your inquiries to the Intern Coordinator, Department of State, Recruitment Division, P.O. Box 9317, Rosslyn Station, Arlington, Virginia 22209-0317.

MAB IS GOING TO THE OLYMPICS--AND ELSEWHERE:

The MAB poster exhibit "Ecology in Action" will be displayed at the Summer Olympics at the ARCO Plaza, Los Angeles, and, earlier, at the University of California in Los Angeles, courtesy of the U.S. MAB Program, the National Park Service, and the Division of Resources, Santa Monica Mountains National Recreation Area. A permanent, plexiglas encased exhibit of the posters has been hung on three floors of the Moore Biology Building at the Eastern Kentucky University, Richmond, Kentucky. A set will be shown at the rotunda of the Florida State Capitol during the forthcoming spring legislative session, and, in Washington, D.C., at Loew's Hotel, L'Enfant Plaza for the American Water Resources Association's annual convention, August 12-16, 1984.

U.S. NATIONAL COMMITTEE FOR MAN AND THE BIOSPHERE:

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Head, Department of Anthropology
The Pennsylvania State University
University Park, Pennsylvania 16802
(814) 865-2509

Mr. William S. Beller
Dr. Edward A. Fernald
Dr. William P. Gregg
(See addresses/phone numbers on page 9, this BULLETIN.)

Dr. Michael A. Little
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Room 113, Science I Building
State University of New York
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(607) 798-2732/2737

Dr. Roger E. Soles, Executive Director
Dr. Brian Payne, MAB Research Program Coordinator
Ms. Phylis N. Rubin, MAB Projects Administrator; Editor, MAB BULLETIN

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