This issue will be full of news from the Annual meeting. For those of you who could not attend, I hope that you will mark your calendars for next year's Conference, June 10-12, in Claremont at the Rancho Santa Ana Botanic Garden. The symposium will address urban horticulture. I will share some of the discussions and announcements from the Board Meeting and then continue with a short summary of the symposium submitted by Regis Miller. The remainder of the newsletter will include some new book titles, awards, classes, announcements and an address list of the current Board, Council and Committee members. I will limit the ethnobotanews in this issue due to the lengthy discussion of the Conference. Finally, in this issue is the beginning of what I hope will be a new and exciting feature for everyone. The column is written by the JL Hudson Seed Company. If you have not had the privilege of viewing their seed catalogue with ethnobotanical information with each entry; I hope their article will offer some insight of how seeds reach the commercial market.

The last issue was printed on recycled paper but I neglected to include the informative symbol. I will continue using recycled paper in an effort to sustain the environment.

Finally I was moving at the time of the last newsletter and did not include my address. I hope that is the reason why I received so few submissions from members. My new and hopefully permanent address is Trish Flaster, 1180 Crestmoor Drive, Boulder Colorado 80303. Thank you to those of you who sent interesting bits of information; we can always use more... Don't hesitate; the next newsletter will be out before you know it.

ANNUAL MEETING
The Wisconsin June 10-14th annual conference was organized by David Spooner and Hugh Iltis and attended by members from all over the world. We had so many papers submitted there was little time to eat lunch or enjoy the lake. We began the meetings by having a lengthy Board meeting. The following are the highlights of the 12-hour sit-in.
Membership Committee
Membership has increased by almost 100 people. Although the numbers have increased, we have a high turn over of members. The membership committee completed a survey addressing this question and will be trying to resolve this situation. One solution is to use charge cards to help members pay, but we encourage those who can to pay by check since there is a surcharge on credit card renewals. This will assist foreign members and hopefully all members with their renewals. Also it is helpful for members to keep in contact with other members: suggest joining to those whom you think may be interested. If you need additional membership forms, contact Deborah Pearsall, American Archaeology Division 15, Switzer Hall, University of Missouri, Columbia, Missouri, 65211.

Publications Committee
John Thieret resigned as Editor of the Journal. John has been an excellent editor, thorough and hard working. He facilitated the review process by reducing the turnaround time for publishing. He has worked closely with submitters to help them revise and ready papers for print. Thank you, John!

New Editors
Lawrence Kaplan has accepted the position as the new Editor, Eugene Schultz will be the new Associate Editor, and Peter Bretting will be the Book Review Editor. This leads me to announce some exciting news about the Journal Committee. Maria Lebron-Luteyn found that by streamlining some of the layout and redesigning the Journal cover, our publication will be more attractive. In addition, more papers could be published in fewer pages and therefore in a shorter time. This increased journal space resolves one of the biggest editorial problems John Thieret had been confronting for the past several years: long periods between submission to publishing.

Newsletter Update
Due to the success of the Newsletter, President Bates decided to include the Newsletter as part of the Publications Committee. The Bylaws Committee will be informed of the changes and a Bylaws revision will be written and submitted for approval to reflect this change. This makes the Newsletter a permanent feature of the Society.
Journal Sets
You may recall from the past newsletters, that the 1989 Board sent sets of the Journal to various developing Economic Botany programs in Third World nations. Members were requested to submit recipient's names. Approximately, twenty-nine sets were sent and another 100 are to be saved to send to other institutions. See Volume III, November 1989 Newsletter for a listing. Warehouse storage space fees have forced the Board to limit the number of back issues and full sets to be retained.

Reprints
American Botanical Council requested that they be allowed, with the permission of the authors, to reprint selected articles from the Journal of Economic Botany. Copyright remains with the Journal and royalties will be paid to the Journal. Other reprints available for $2-3 from ABC include excerpted articles from The Journal of Natural Products, American Journal of Pharmaceutical Education, and Perspectives in Biology and Medicine. The reprints are reasonably priced and are available from ABC, P.O. Box 201660, Austin, Texas 78720.

International Chapters
In addition to our international chapter in the Mexican Board approved the initiation of a second chapter in Venezuela. We hope that representatives can attend the next SEB meeting and report to the membership on their progress and activities as an international chapter.

If anyone has any comments or suggestions to the Board, please address the appropriate committee members. Addresses are forthcoming.

Symposium Summary
A symposium on "The Botany of Forest Products" was presented at the 31st Annual Meeting of the Society for Economic Botany at the University of Wisconsin-Madison. All six speakers are staff scientists at the Forest Products Laboratory, USDA, Forest Service, which cooperates with the University. It was a rare opportunity for Society members to hear some of the most knowledgeable investigators in the country speak about research on wood and wood products.

In a timely paper on "Combating Global Warming Through Forest Products Utilization," Dr. John Zerbe described the workings of cellulose, the basic building block of wood, which is manufactured through photosynthesis using carbon dioxide from the atmosphere. Utilizing wood products over the long term sequesters carbon during this process. Moreover, wood products are less energy-consuming in manufacture than steel, aluminum, plastics, and concrete, and thus the effective use of wood will save energy, reduce the amount of carbon dioxide released into the atmosphere from fossil fuels, and perhaps slow global warming. Dr. Duane Zinkel spoke on the economic value of naval stores, which are silvichemicals produced from pine. The aggregate volume of naval stores per annum is enormous -- 1 billion pounds -- and is valued at $200 to $300 million. Dr. Zinkel described how the naval stores industry has developed through the years, and how it has affected the southern pine forests of the Southeast. He also discussed
the decline of this industry as a result of the development of synthetic compounds from petroleum products and the advent of "lightwood" or paraquat treated wood.

In a presentation entitled "A Brief Splash in Papermaking and Related Topics," Dr. Dennis Gunderson took the audience through the workings of a modern papermill and explained the new technologies that the Forest Products Lab, FPL, and industry are using to make the manufacture of paper and fiber products one of today's fastest growing industries. Dr. T. Kent Kirk then described how lignin-degrading fungi are being used as a pretreatment for pulping wood chips to curb pollution and to reduce the energy input necessary for mechanical pulping. These problems are being addressed through a Biopulping Consortium composed of research teams specializing on fungi, enzymes, molecular genetics, pulp and paper, economics, and engineering scale-up.

In "New Products from Wood," Dr. Dale Ellis described the transition from the harvesting of old-growth timber to the growing use of younger and smaller trees, which are more suitable for the manufacture of reconstituted products rather than lumber. Some unique technologies presently being studied are the chemical modification of raw materials; the combination of wood with substances such as plastics, synthetic fibers, and other lignocellulosic materials; and the impregnation of wood with monomers for subsequent polymerization. Products resulting from these technologies as well as products made from wood fibers, flakes, and particles can be molded into shapes and sizes suitable for residential use (e.g., furniture) and construction.

Dr. Robert Maeglin ended the symposium with a paper on "Tropical Forest Use in a World of Critical Environmental Concerns: Underutilized Species." Dr. Maeglin discussed the economics and marketing of underutilized species especially that of the small-scale forest industry, and considered the potential harvesting of non-woody products from the tropical forest.

Conference participants were then invited to visit the FPL for an overall tour of the facilities as well as a visit to the Center for Wood Anatomy Research. Participants were treated to an inside look at this famous laboratory, where wood is studied from basic structure and quality, to products from solid wood, chips, flakes, particles, and paper, to application of finishes and preservative treatments for wood. In the Center for Wood Anatomy Research, which houses the largest research wood collection in the world, participants viewed some unusual products from trees, both historical and modern. Unique properties of wood such as fluorescence were demonstrated as well as the methodology of wood identification.

The botany of forest products is playing a vital role in the research being conducted at the Forest Products Laboratory. In turn, the research described during this symposium shows how technology can address and provide answers to some urgent concerns such as global warming, the decrease of old-growth timber, pollution from the papermaking process, and the ravaging of tropical forests.
CONTRIBUTED PAPERS
So many contributed papers were given and were of interest that I could not possibly review them in a newsletter. A summary of the conference will be published in one of the upcoming issues of Diversity and Herbalgram. If these are not available in your area please request a copy of the program and abstracts from me.

ETHICS COMMITTEE
A round table discussion, lead by distinguished speakers was included in the conference program. From this 2-hour interactive discussion the ethics committee formulated the following Preliminary Draft of Guidelines* for membership for approval. The discussion was very stimulating and I hope you will offer your comments when responding to the formal document. The draft is attached at the end of the newsletter.

*The draft was prepared by Drs. Christine Padoch and Brian M. Boom, Co-Chairs, Seb Ethics Committee, the New York Botanical Gardens, Bronx, New York 10458-5126. Comments on this draft document are welcomed by the Ethics Committee.

PUBLICATIONS
For rare book enthusiasts; medical and life science texts are available from Edwin Glasser, P.O. Box 1765 Sausalito, California 94966.

Seeker Press P.O. Box 2899 West Lafayette, Indiana 47906 has a small catalogue of books, videos, and herbal products.

Dr. Charles Heiser's acclaimed Economic Botany text, Seeds to Civilization, is now available from Harvard University Press. Copies are being offered at a 20% professional discount.

If you attended the Wisconsin meetings you are eligible for a conference discount from the University of Wisconsin Press. Contact them at 114 North Murray Street, Madison Wisconsin 53715.

Steven Foster and James Duke have authored a Peterson Guide to Eastern/Central Medicinal Plants. Don't miss your chance to buy this excellent field guide.

Dr. Richard Schultes' book, The Healing Forest, is available through Dioscorides Press 9999 S.W.Wilshire, Portland, Oregon 97225 for $59.95. Steven Foster in his Botanical & Herb Reviews states "All those interested in medicinal plants, tropical rain forests or Amazonia should own this book.
ECONOMIC BOTANY CLASSES
Due to the lengthy list a complete list of classes will not printed, only new submissions. If you do not have past newsletters and would like a list of classes offered internationally please write me at the address listed on page 1.

University of Maine offers a program in Sustainable Agriculture. Write to them at Sustainable Agriculture Program, University of Maine, 115 Deering Hall, Orono, Maine 04469.

An Economic Botany class entitled, "Plants and Civilization" is offered at Sonoma State College, Sonoma, California.

A class, "Plants and Human Affairs", is offered at College of St. Benedict/St John's University, Biology Department, St. Joseph, Minnesota 56374

Dr. Mabry, of The University of Texas in Austin, welcomes suggestions for texts used in Economic Botany classes. Also slides of economic plants used by various cultures would be welcomed.

AWARDS
Emma Cerrate was awarded the C. Earle Smith Memorial Award. This award entitles the individual to lifetime membership in the Society.

Hugh Illits received the Sol Feinstein Environmental Award at the Wisconsin meetings. He received this award as a concerned environmentalist, consummate educator and scientist, and articulate communicator. His interests and energies in preserving and protecting the natural environment were praised.

Mike Balick has been appointed Director of the Institute of Economic Botany at the New York Botanical Garden. As a one of the 1981 IEB co-founders, "Dr. Balick's experience and leadership ability will strengthen the IEB's role in understanding the relationship between people and the rainforests at the time of increased public appreciation for the tremendous environmental stresses placed on our planet."

Gary Nabhan and Kent Whealy, two members of the Society for Economic Botany, have been named as MacArthur Foundation "Gifted People". Gary is noted for his founding of Native Seed Search and his many books and works within the Southwestern United States. Kent is noted for his founding of Seed Savers which preserves heirloom vegetable varieties.
David Spooner received the 1990 SEB Fulling Award for the best paper given at the annual conference. He presented two papers to which the award was received. The titles of these papers were: "You Say Tomatoe, We Say Potatoes: Chloroplast DNA Phylogeny of Tomatoes, Potatoe and Papinos (Solanum subgenus potatoe) and "Current Status, Recent Work, and Long-Range Collecting Priorities For IR-1." The $250 Fulling award is given to an author who recently received their PHD.

MEETINGS
The First International Congress on Ethnopharmacology met June 1990 in France. They decided to establish an International Society of Ethnopharmacologists. We look forward to this extension of the Journal of Ethnopharmacology and will keep you informed of new developments.

The Sixth Crucifer Genetics Workshop will be held at Cornell University, Ithaca, New York on October 6-8, 1990. This is an informal discussion and sharing of new findings. Contact Sue Dwyer, Plant Genetic Resources Unit, NYS Agricultural Experiment Station, Cornell University, Geneva, New York, 14456-0462., Phone 315-787-3344.

The Crop Society of America, in conjunction with Iowa State University, is organizing and sponsoring the First International Crop Science Congress on July 14-22, 1992. The Congress will be held at the Iowa State University. Contact Robert Barnes at the University in Ames, Iowa.

The Third Joint Conference of the World Congress of Chinese Medicine and Pharmacy and International Symposium on Acupuncture and Moxibuston will be held November 25-27, 1990 Taipei, Taiwan. Contact the Union of Chinese Physicians Association of Republic of China for further information. at, 10th Floor # 100 Aikow E Road, Taipei, Taiwan, Republic of China.

REQUESTS
The SEB Nominating Committee seeks nominations from the Society's members for the following positions: 2 Council members, President Elect, Vice President, Treasurer, and 1992 Distinguished Botanist. Send your nominations to any of the Committee Members: David Bates, Greg Anderson, Chris Beecher.

The Ad Hoc committee on Future Directions of the Society For Economic Botany will be meeting in St. Louis, on November 12-13. If you have any ideas please send your them to Walter Lewis, President. (See address listing at the end of the newsletter)
SOME THING TO NIBBLE UPON
In the interest of stimulating research into lesser known economic plants, I have requested the JL Hudson staff to write a column on ongoing trends in seed demands. JL Hudson is a privately owned company concentrating on distributing small quantities of lesser-known wild plants and crop plant land races. By supplying both the researcher and lay public, JL Hudson attempts to bridge the gap between botanic gardens and large commercial seed companies. I hope you enjoy this column, please let us know what else interests you.

Researchers alert us to areas of current scientific interest, while the public points to trends in folk usage. The wide dissemination to the public results in extending in situ preservation of ancestral land races, as well as creating widely dispersed populations of little-known useful plants. This avoids the risks inherent in dependence on highly centralized and unfortunately underfunded institutional seed storage banks. Such privately maintained resources are an important facet of preservation strategy in light of on-going native habitat destruction and an all-too-frequent obstruction of the free flow of germplasm due to geographic conflicts.

Over the years we have noticed the demand for seed follows a distinctive progression. Researchers order species which are in low demand. Once the primary research is published greater demand comes from the scientific community. Promising results cause interest to spread to the economic botanically informed public. Interests range from unusual food plants, alternative medicines, new fodder foods, and low-tech potential Third World crops. Many small-scale farmers and specialty farmers looking for new crops fall into this category. Finally, the mass media will publish articles involving these crops and the general public becomes interested.

For example, in the 1970's there was a steady low-level demand from herbalists for Silybum marianum due to its hepatoprotective and liver regenerative properties. It is currently in high demand having reached the informed public several years ago. However, the seeds are unlikely to reach the general public stage because of the availability of standardized extracts at local stores.

Just as frequently, the cycle will begin with interested public demand, spurring an interest in the research community. Occasionally this interesting research/public feedback loop may result in the incorporation of new plants into society's daily use; amaranth and quinoa are notable examples.
In 1969 Harrison, Masefield, and Wallis stated "The age of simple introduction of species of food plants hitherto unknown in a particular region appears now to be practically over." (The Oxford Book of Plants) Ironically this was just prior to the modern explosion of interest in new crop species, highlighting the importance of continuing work in economic botany and of insuring the free flow of germplasm. In future columns we will discuss specific trends, teosinte and recently Nicandra physalodes, which has a rich folkloric tradition. Other topics will include germplasm conservation and dissemination and the preservation of ethnobotanical heritage. JL Hudson works with blood banks, natural dyers, herbalists, restaurant entrepreneurs, and biological pest control researchers. We welcome your comments.

David Theodoropoulos and Sheri Calkins

Well, send in your articles and comments and get a friend to join the Society. The next newsletter will be sent to you in the Spring. I hope you enjoy your next half-year.
PREAMBLE

In conducting their research, economic botanists often must confront difficult ethical issues related both to their data collection needs and methods, and to the dissemination and use of their findings. Since economic botanists are a diverse group with greatly varying scientific backgrounds and professional affiliations, their ethical problems are both diverse and complex. This document presents guidelines for professional behavior for members of the Society for Economic Botany.

1. MEMBERS OF THE SOCIETY FOR ECONOMIC BOTANY HAVE RESPONSIBILITY TO THE PUBLIC.

   A. They will strive to use their knowledge, skills, and training to enhance the well-being of humankind. They will specifically refuse to work professionally on any research that will result in harm being done to anyone.

   B. They will strive to maintain professional competence and will not offer advice on subjects on which they are uninformed.

   C. They will not engage in nor allow the dissemination of information about economic botany that is false, misleading, or exaggerated.

2. MEMBERS OF THE SOCIETY FOR ECONOMIC BOTANY HAVE RESPONSIBILITIES TO THOSE STUDIED.

   A. They will communicate clearly and honestly to all informant, the objectives and possible consequences of one's research. If the research has a commercial objective, they will make that explicit and will disclose what the commercial results might reasonably be expected to be.

   B. They will comply with all rules and limitations that informants or their institutions place on the research. They will not "trick" informants into revealing "secret" information. They will supply any reports and results that are requested.

   C. They will respect any request for confidence made by those providing data or materials, provided that the maintenance of such confidence does not compromise other ethical considerations.

   D. They will respect informants' rights to anonymity and privacy when it is requested.

   E. When materials or information obtained from informants can reasonably be expected to have a commercial payoff, they will arrange with the employers for equitable economic compensation for the informant(s) and will do all in their power to ensure that compensation is paid.
3. MEMBERS OF THE SOCIETY FOR ECONOMIC BOTANY HAVE RESPONSIBILITIES TO HOST GOVERNMENTS AND OTHER HOST INSTITUTIONS.

A. They will comply honestly and completely with all regulations requesting disclosures of project objectives, sponsorship and method as well as with obligations to supply reports and specimens and to perform specified services (e.g., seminars and training.

B. They will, when the situation requires, make clear that they will not compromise their professional ethics as a condition of their receiving clearance to do research. Specifically, they will provide no secret information or reports that might jeopardize informants or others.

C. They will assist their foreign collaborators in enhancing the physical and human resources of their institutions.

4. MEMBERS OF THE SOCIETY FOR ECONOMIC BOTANY HAVE RESPONSIBILITIES TO THE PROFESSION.

A. They will maintain a level of integrity and professional behavior in the field so as not to jeopardize future research by others.

B. They will not present as their own the works of others.

C. They will not allow, to the limits of their abilities, their materials to be used for the fraudulent or harmful purposes.

5. MEMBERS OF THE SOCIETY FOR ECONOMIC BOTANY HAVE RESPONSIBILITIES TO SPONSORS

A. They will honesty disclose their qualifications and capabilities for particular work, as well as relevant limitations.

B. They will disclose to the sponsors that they will comply with the ethical guidelines of the Society For Economic Botany, including the stipulation that those studied will be fully informed concerning the objectives, including commercial ones, and possible results of research.

*The draft was prepared by Drs. Christine Padoch and Brian M. Boom, Co-Chairs, Seb Ethics Committee, the New York Botanical Gardens, Bronx, New York 10458-5126. Comments on this draft document are welcomed by the Ethics Committee.
Present officers and committees and dates of retirement. Terms in office end at Annual Meeting in the year indicated.

President: (1991)
Walter H. Lewis
Department of Biology
Washington University
St. Louis, MO 63130
(314) 889-6841
FAX 314-726-4432

President-Elect: (1991)
A. Douglas Kinghorn
Medicinal Chemistry & Pharmacognosy
U. of Illinois at Chicago
833 S. Wood St.
Chicago, IL 60612
(312) 996-0914

Vice-President: (1991)
Gail E. Wagner
Department of Anthropology
University of South Carolina
Columbia, SC 29208
(803) 777-6548 or 6500
FAX 803-777-9558

Secretary: (1994)
Deborah M. Pearsall
American Archaeology Division
15 Switzler Hall
University of Missouri
Columbia, MO 65211
(314) 882-3038

Treasurer: (1991)
William Louis Stern
Department of Botany
220 Bartram Hall
University of Florida
Gainesville, FL 32611
(904) 392-2159 or 1175

The Executive Committee includes the President (Chairperson), President-elect, Vice-President, Secretary, and Treasurer.

Publications Committee - for the journal, ECONOMIC BOTANY

Editor:
Lawrence Kaplan
Department of Biology
U. of Massachusetts, Boston
Boston, MA 02125
(617) 287-6606
FAX 617-287-6650

Book Review Editor:
Peter K. Bretting
Indiana Crop Improvement Assoc.
Lafayette, IN 47905
(317) 474-3494

Associate Editor:
Eugene B. Shultz, Jr.
Bioresources Development Group
Campus Box 1106
Washington University
St. Louis, MO 63130

Managing Editor:
Brian M. Boom
Publications Office
New York Botanical Garden
Bronx, NY 10458
(212) 220-8981
Members of the Council - Three-year terms (final year indicated)

The Council includes the President (Chairperson), President-elect, Vice-President, Secretary, Treasurer, Editor of Economic Botany (ex officio), Past President, and six members at large.

Peter K. Bretting (1991)
Indiana Crop Improvement Association
Lafayette, IN 47905
(317) 474-3494

Richard I. Ford (1992)
Museum of Anthropology
University of Michigan
Ann Arbor, MI 48109
(313) 764-6177

John Rashford (1991)
Dept. of Sociology and Anthropology
College of Charleston
Charleston, SC 29424
(803) 792-5738

Janis B. Alcorn (1993)
4813 Morgan Dr.
Chevy Chase, MD 20815
(301) 654-5249 home
FAX 202-647-6962

D. Doel Soejarto (1992)
College of Pharmacy, Rm. 304F
University of Illinois
833 S. Wood St.
Chicago, IL 60612
(312) 996-8889

Paul Alan Cox (1993)
Department of Botany
Brigham Young University
Provo, UT 84602
(801) 378-5468

Past-President
David M. Bates
L. H. Bailey Hortorium
467 Mann Library
Cornell University
Ithaca, NY 14853-4301
(607) 255-3155
FAX 607-255-7979

Nominating Committee

David M. Bates, Chair
(see Members of the Council)

Chris W. W. Beecher
P.C.R.P.S., Room 450
University of Chicago
833 S. Wood St.
Chicago, IL 60612
(312) 996-9035

Gregory J. Anderson
Ecology & Evolutionary Biology, U-43
University of Connecticut
Storrs, CT 06268
(203) 486-4555

Auditing Committee

Paul Alan Cox, Chair (1991)
(see Council)

W. Hardy Eshbaugh (1992)
Department of Botany
Miami University
Oxford, OH 45056
(513) 529-4200
Constitution and Bylaws Committee

Neil A. Harriman, Chair
Department of Biology
University of Wisconsin, Oshkosh
Oshkosh, WI 54901
(414) 424-3077

Linda E. Newstrom
Dept. of Integrative Biology
University of California
Berkeley, CA 94720
(415) 548-9828

David M. Bates
(see Council)

Publicity Committee

C. Thomas Philbrick, Chair
Rancho Santa Ana Botanic Garden
1500 North College Avenue
Claremont, CA 91711-3101
(714) 625-8767

A. Douglas Kinghorn
(see Officers)

Steven L. Timbrook
Ganna Walska Lotusland
695 Ashley Road
Santa Barbara, CA 93108
(805) 969-3767

James A. Bauml
2001 E. Crary St.
Pasadena, CA 91104
(818) 446-8251

Program Committee

C. Thomas Philbrick, Local Arrangements Chair
(see Publicity Committee)

Eloy Rodriguez
Phytochemical Laboratory
Dev. of Cell Biology
University of California, Irvine
Irvine, CA 92717
(714) 856-6105

Walter H. Lewis, Scientific Program Chair
(see Officers)

Deborah M. Pearsall
(see Officers)

Membership Committee

Gail E. Wagner, Chair
(see Officers)

Hugh D. Wilson
Dept. of Biological Science
Texas A & M University
College Station, TX 77843
(409) 845-3354

William Louis Stern
(see Officers)
The Society for
ECONOMIC BOTANY, INC.
DEVO TED TO THE PAST, PRESENT, AND FUTURE USES OF PLANTS BY MAN

AAAS Representative


AAAS Committee on International Affairs (1991)
Brian M. Boom (see Publications Committee)

Economic Botany Section of the Botanical Society of America
David Siegler, Chair (1991)
Department of Plant Biology
289 Morrill Hall
University of Illinois-Urbana
505 S. Goodwin
Urbana, IL 61801
(217) 384-1192

Jonathan F. Wendel, Secy/Treas.
Dept. of Botany, Bessey Hall
Iowa State University
Ames, IA 50011
(515) 294-7172

Frank N. Meyer Germplasm Award
Stephen Kresovich
USDA-ARS Plant Genetic Resources Unit
Cornell University
Geneva, NY 14456-0462
(315) 787-2244/2333

AD HOC COMMITTEES

Archives (New York Botanical Garden)
Michael J. Balick, Chair
Institute of Economic Botany
New York Botanical Garden
Bronx, NY 10458
(212) 220-8763

Hans T. Beck
New York Botanical Garden
Bronx, NY 10458-5126
(212) 220-8973

Newsletter
Patricia Flaster, Editor & Chair
1180 Crestmoor Dr.
Boulder, CO 80302
(303) 499-7239/ 1-800-525-0347
FAX 303-581-1210

Michael J. Balick
(see Archives)

Charlotte Gyllenhaal
PCRFS, M/C 877
Univ. of Illinois at Chicago
Box 6998
Chicago, IL 60680
(312) 996-1870

Newslette r
Patricia Flaster, Editor & Chair
1180 Crestmoor Dr.
Boulder, CO 80302
(303) 499-7239/ 1-800-525-0347
FAX 303-581-1210

Michael J. Balick
(see Archives)

Paul A. Fryxell
Agronomy Field Laboratory
Texas A & M University
College Station, TX 77843
(409) 260-9257

Calvin R. Sperling
Germplasm Service Lab - USDA/ARS
Bldg. 001, Rm. 321, BARC-WEST
Beltsville, MD 20705

Gail E. Wagner
(see Officers)
Protocol
Susan Verhoek
Department of Biology
Lebanon Valley College
Annville, PA 17003-0501
(717) 867-6178

Deborah M. Pearsall
(see Officers)

International Chapters
B. Boom (Venezuela)
(see Publications)

D. Doel Soejarto (Philippines)
(see Council)

Robert A. Bye (Mexico)
Jardin Botanico
Univ. Nac. Aut. de Mexico
AFDO Post. 70-614
Mexico DF 04510
Mexico
home ATT: 905-515-0819; SPRINT: 011-525-515-0819

Fulling Award for 1990 meetings
Julia F. Morton
Morton Collectanea
University of Miami
Box 248204
Coral Gables, FL 33124

Jan Salick
Department of Botany
Ohio University
Athens, OH 45701

Lucille Kaplan
Department of Anthropology
University of Massachusetts, Boston
Boston, MA 02125
(617) 287-6846

Ethics
Brian M. Boom, Co-Chair
(see Publications)

Christine Padoch, Co-Chair
New York Botanical Garden
Bronx, NY 10458

Robert A. Bye
(see International Chapters)

Paul Alan Cox
(see Council)

Gary P. Nabhan
Desert Botanical Garden
1201 N. Galvin Parkway
Phoenix, AZ 95008
(602) 941-1225/ 481-9561

On Future Directions
Walter H. Lewis, chair (see Officers)

David M. Bates (see Council)

Peter K. Bretting (see Publications)
Paul Alan Cox (see Council)

Stephen Kresovich (see Meyer Germplasm)
Eugene B. Shultz, Jr. (see Publications)
1990 Election Results (years in office)

President (1991-92) A. Douglas Kinghorn
Council (1991-94) Laura C. Merrick
Gary P. Nabhan