



The **Temperate Agroforester**

Volume 3, Number 2

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AFTA Members Approve New Constitution

Miles Merwin

An important milestone in the development of AFTA was achieved on July 27 when members adopted a new constitution. About 40 members present at a special session held in Boise, Idaho, following the 4th North American Agroforestry Conference, voted unanimously to approve bylaws creating an unincorporated association. This action paves the way for the election of officers and eventual incorporation as a nonprofit corporation.

President Mike Gold led a discussion at the members meeting of the proposed constitution. He acknowledged the efforts of the Steering Committee in drafting and revising the proposed Bylaws. In answering a question about AFTA's intended geographic sphere of action, Mike said that it will include all tem-

perate regions worldwide, with an emphasis on North America.

The new bylaws state that the mission of AFTA is "to advance the knowledge and application of agroforestry as an integrated land use approach to simultaneously meet economic, social and environmental needs." The bylaws specify the composition of the Board of Directors, detail the duties of the officers, create standing committees and list membership categories (see the full text of the AFTA Constitution, p.5). Amendment of the bylaws can be effected by a majority vote of the members.

Mike presented a preliminary slate of candidates who will stand for election to the offices specified in

➤ **AFTA Meeting, p.8**

Growing a Sustainable Future with Agroforestry

Over 200 participants representing more than 15 countries met in Boise, Idaho for the Fourth North American Agroforestry Conference, held July 23-27. Fruition of the science of agroforestry was reflected by the wide variety of papers presented in six concurrent sessions. Principal co-sponsors of the conference, entitled "Growing a Sustainable Future with Agroforestry," included the University of Idaho College of Forestry, Wildlife and Range Science, US Forest Service National Agroforestry Center, USDA Natural Resources Conservation Service, Idaho Agroforestry Coalition, and AFTA.

Opening Session

After welcoming remarks by representatives of the University of Idaho, City of Boise, Idaho Agroforestry

Coalition and AFTA, three speakers addressed the conference delegates during the Monday opening session.

Bruce Wight, USDA National Agroforester, provided an overview of the principal types of agroforestry practices adaptable to temperate zones, which have economic, environmental and social benefits. He said that the old model of treating resource conservation problems with one, single-purpose practice applied to one farm at a time is giving way to a more integrated approach exemplified by agroforestry. Using the watershed model, public agencies first identify problems at the regional level, then determine the needs of landowners, and finally target a variety of treatments to several farms within the watershed.

➤ **Agroforestry Conference, p.7**

The Temperate Agroforester

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Association for Temperate Agroforestry

President: Michael Gold

Steering Committee

Louise Buck, Cornell University
Gene Garrett, University of Missouri
Andrew Gordon, Guelph University
Linda Hardesty, Washington State University
Deborah Hill, University of Kentucky
Rhonda Janke, Rodale Research Center
Mel Larson, Ohio State University
Bill Rietveld, National Agroforestry Center
Dick Schultz, Iowa State University

Mission Statement

The mission of AFTA is to advance the knowledge and application of agroforestry as an integrated land use approach to simultaneously meet economic, social and environmental needs. AFTA focuses on agroforestry in temperate zones, with an emphasis on North America. AFTA pursues its mission through networking, information exchange, public education, and policy development.

AFTA Membership Dues

Regular \$15; Student \$10; Sustaining \$50;
Institutions \$20; Lifetime \$300

Send annual membership dues by check payable to AFTA in US dollars to: AFTA, Dept. of Forestry, Michigan State University, East Lansing, MI 48824, USA.

The Temperate Agroforester

Editor: Miles Merwin

Contributions related to agroforestry are welcome. Please submit items either on diskette (PC-compatible word processing program), as a text file attached to an e-mail message, or typewritten. Deadlines for submissions are the 15th of March, June, September and December. Address all items to: Miles Merwin, The Temperate Agroforester, P.O. Box 266, Lake Oswego, OR 97034, Tel/fax (503) 697-1767, e-mail mlmerwin@teleport.com

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President's Message

Michael A. Gold

For those of us able to attend the Fourth North American Agroforestry Conference in Boise, Idaho, we enjoyed many excellent technical presentations and fine hospitality. We were also privileged to hear from Paul Johnson, Chief of the NRCS, an individual clearly and genuinely committed to a vision of sustainable agriculture that includes trees. We send our thanks to Dr. John Ehrenreich, the University of Idaho, all the conference co-sponsors and all the individuals who contributed their time to hosting an excellent and productive conference.

During the past few months, AFTA has continued to progress and develop as a professional organization. In Idaho, the AFTA Steering Committee spent additional hours finalizing a set of Bylaws for the association. On Thursday, July 27, 1995, a group of dedicated AFTA members discussed, reviewed and then formally adopted our association's first set of Bylaws. The approved Bylaws are included within this issue of the newsletter.

Included with this newsletter are ballots for AFTA's first election, which will result in an elected Board of Directors. I will have the pleasure of passing the baton of AFTA leadership to the extremely capable hands of Dr. Gene Garrett at the University of Missouri. I know that AFTA will continue to grow and prosper under Dr. Garrett's leadership and look forward to working with him over the next couple of years. I will remain on the Board of Directors as immediate past president.

Helping establish AFTA and seeing it through its initial growth and development has been the fulfillment of one of my goals and dreams. In particular, I wish to recognize and thank the following individuals: Gene Garrett (University of Missouri), Bill Rietveld (National Agroforestry Center), Andy Gordon (Guelph University), Dick Schultz (Iowa State University), Deborah Hill (University of Kentucky), Louise Buck (Cornell University), Linda Hardesty (Washington State University), Mel Larson (Ohio State University), Bruce Wight (NRCS), Peter Williams (Guelph University), Jim Lassoie (Cornell University), Sara Scherr (IFPRI), Doug Henderson (CARE), Rhonda Janke (Kansas State) and Christof den Biggelaar (co-creator and first newsletter editor) for their long term extra efforts in helping create AFTA and navigate it into reality. □

Model Plan for Agroforestry Training Course Created by NRCS

Miles Merwin

Suggested plans for an agroforestry training course have been developed by the USDA Natural Resources Conservation Service. The generic course outline can be adapted to various topics related to agroforestry that are appropriate to different climatic regions.

The model plan was based on experience gained with the Agroforestry Technology Course, held May 9-11, 1995, in Davis, CA. The course was conducted jointly by NRCS and the International Tree Crops Institute, a local nonprofit organization. Financial support was provided in part by a grant from the University of California Sustainable Agriculture Research and Education Program. The Agroforestry Technology Course was itself an outgrowth of the Windbreak Technology training course series which NRCS has presented to over 1000 participants in 34 sessions nationwide.

Agroforestry Technology Course

The Davis course was designed to train resource professionals how to establish and manage trees and shrubs for agroforestry practices appropriate to California farmland. A total of 25 people attended, including growers, private consultants and government agents. Four specific topic areas were emphasized: field and orchard windbreaks, riparian zone buffers, woodlots for fuelwood and wastewater recycling, and hedgerows for diverse habitats. The first day, classroom lectures on each topic were reinforced by visits to local farms where the landowners and extension personnel presented their practical experiences.

The second day was devoted to establishment and management practices. Following an illustrated talk on recommended plant materials, the participants traveled to a nearby farm for several hands-on demonstrations. Through these sessions, students gained practical knowledge of drip and sprinkler irrigation systems, hand and machine tree planting techniques, and weed management strategies.

A participatory exercise in whole farm planning was conducted on the final day. After introductory talks in the morning on economic and social factors of planning, including landowner needs assessment, the group traveled to another local farm. The group divided into four teams, each focused on one agroforestry practice, and then walked the farm to compile planning maps and assess potential planting sites. In

the afternoon, each team developed plans specifying how their agroforestry practice could be implemented on the farm. After their critique by the whole group, the results of the planning exercise were given to the landowner for future planning.

Model Plan

The model plan (see next page) for a three-day agroforestry course was drafted by Lyn Townsend and Bruce Wight, principal instructors of the Agroforestry Technology Course. With experience gained from the Davis course, the model agenda is designed to give participants a solid conceptual basis for each agroforestry practice during the first day followed by on-farm presentations the following day. Hands-on demonstrations of agroforestry establishment and maintenance are consolidated on the afternoon of the second day, and the farm planning exercise on the third day is streamlined to allow adequate field time and keep discussion of economic and social factors directly focused.

Course Preparation

Preparations to hold an agroforestry training course should begin 6-12 months in advance, depending mainly on who will be the major co-sponsors and funding sources. The amount of work required in preparing a course necessitates a team approach, involving at least one local or regional group in partnership with NRCS.

The first task is to develop a working plan which states the goals and objectives, identifies the target audience, selects three or four main agroforestry topics, lists co-sponsoring organizations, and determines evaluation procedures. A preliminary agenda needs to be drafted which identifies potential speakers and field sites for each topic. Select possible dates for the course and a venue for classroom presentations.

The next step will be to draft a preliminary budget for all course expenses, including speakers fees and travel, meeting room and equipment, local transportation, publicity costs, printing and assembly of handouts, supplies for field exercises, and food for breaks and lunches. Depending on the co-sponsoring organizations involved, some of the course expenses can be covered by in-kind or in-house contributions, e.g. the classroom venue. A modest registration fee for all par-

Participants is appropriate to fund variable cost items such as food and supplies.

The working plan and budget will form the basis for a grant proposal which the private partner organization can submit to charitable foundations or other funding sources. Co-sponsoring groups may also be willing to set aside funds to defray the travel and per diem expenses for their members to attend the course.

Publicity and Handouts

Once the venue, dates and registration fees are set, and the agenda is sufficiently developed, work can begin to publicize the course and attract participants. The intended target audience will help identify which organizations, publications and individuals should receive course publicity.

A one-page press release should be mailed well in advance to all relevant magazines, organizations, agencies, etc. Flyers which include all relevant course details plus a registration form should be sent to a mailing list of individuals and groups matching the target audience. Encourage early registration by giving a small discount, but expect that most registrations will probably not be received until closer to the final deadline.

Plan and budget for a 3-ring binder of printed materials to be provided to each student at the beginning of the course. The binder should include a copy of the agenda, reprints of articles and publications relevant to the agroforestry topics, summaries of each speaker's presentation, lists of appropriate plant materials and equipment suppliers, and the names and addresses of both students and instructors.

Pay attention to copyright restrictions when choosing materials to include in the binder; extra time may be required in order to obtain written permission from the copyright holder to duplicate materials for educational use.

Allow sufficient time for photocopying the course material and assembling it into binders, which can be a big task if there are more than twenty students. Also prepare extra binders so that everyone associated with the course can receive one.

NRCS Contacts

The NRCS welcomes proposals from private organizations interested in co-sponsoring an agroforestry training course in their local area. General information can be obtained by contacting NRCS Agroforester Bruce Wight, (402) 437-5355, or after Nov. 1, (402) 437-5178. □

Agroforestry Technology Course

DAY 1

Morning (Classroom)

1. Opening Lectures (45 minutes each)
 - Agroforestry Type #1 - e.g. Windbreaks
 - Agroforestry Type #2 - e.g. Alley Cropping
 - Agroforestry Type #3 - e.g. Riparian Forest Buffers
 - Agroforestry Type #4 - e.g. Integrated Farm Woodlots

Afternoon (Classroom)

1. Progressive Case Exercises. Includes information on plant materials, benefits and economics (each student chooses two agroforestry types).
2. Concurrent exercises on Types 1-4 (90 minutes)
3. Repeat concurrent exercises on Types 1-4

DAY 2

Morning (Field)

1. Field reviews (1 hour maximum per stop)
 - Agroforestry Type #1 - e.g. Windbreaks
 - Agroforestry Type #2 - e.g. Alley Cropping
 - Agroforestry Type #3 - e.g. Riparian Forest Buffers
 - Agroforestry Type #4 - e.g. Integrated Farm Woodlots

Afternoon (Field)

1. Participatory exercises: Establishment and management of agroforestry practices, e.g.
 - Site preparation
 - Handling of nursery stock and planting methods
 - Weed and pest control, moisture conservation, etc.

DAY 3

Morning (Classroom and Field)

1. Introduction to Farm Planning Exercise (15 minutes)
2. Travel to farm (potential for at least 3 agroforestry types)
3. Economic and social factors (1 hour)
4. Whole farm needs assessment and planning checklist for agroforestry types (45 min.)
5. Farmer interview
6. Inventory and evaluation exercise

Afternoon (Classroom)

1. Evaluation and alternative planning exercise (small groups)
2. Preparation for presentation of alternative plans
3. Team presentations and peer critique
4. Course summary, evaluation and expectations

Constitution of the Association For Temperate Agroforestry

(Adopted July 27, 1995 at Boise, Idaho)

Article 1: NAME

The name of this organization shall be the Association for Temperate Agroforestry (AFTA), hereafter referred to as the Association.

Article 2: MISSION STATEMENT

The mission of AFTA is to advance the knowledge and application of agroforestry as an integrated land use approach to simultaneously meet economic, social and environmental needs. The Association focuses on temperate agroforestry, with an emphasis on North America. Agroforestry draws upon, and synthesizes, ideas and techniques from agriculture, forestry, range management, environmental and social sciences. To foster integrated land management, the association intends to bridge existing gaps between these land use disciplines and organizations.

Article 3: STATEMENT OF PURPOSE

AFTA is an international association organized to catalyze technical innovation and adoption of agroforestry in the temperate zone through networking, information exchange, public education, and policy dialogue and development.

The objectives of AFTA shall be (1) to develop a temperate-zone network of agroforestry practitioners, technical specialists, and researchers, through a newsletter, membership directory, and other information services; (2) to advance the science, technology, education, public awareness and practice of agroforestry; (3) promote applied interdisciplinary research to develop and test new or improved agroforestry technologies; (4) to discuss, disseminate, and exchange the latest information and ideas concerning temperate agroforestry practices; (5) to encourage landowners to establish, manage, and utilize products from agroforestry systems by the best known techniques; (6) to use knowledge from research and experience to benefit society; and (7) promote a policy environment conducive to agroforestry adoption.

The Association pursues its stated goals and objectives through the regular publication of *The Temperate Agroforester*; its sponsorship of a biennial North American conference on temperate agroforestry for practitioners, researchers and policy-makers, as well as other meetings on regional and topical issues; and through networking activities.

Article 4: BOARD OF DIRECTORS

Section 1. Composition of the Board

All Board members must be members in good standing of the Association.

The members of the Board of Directors shall consist of the President, President Elect, the immediate Past President, Secretary, Treasurer, Newsletter Editor and all active past presidents not currently holding an office, plus one representative from each affiliated regional associations as they develop. A simple majority is required to conduct Board business.

The Board of Directors shall be the major policy-making and governing body of the Association. All official business of the Association shall be conducted by the Board of Directors, which shall meet at least once a year. Notice of regular Board meetings shall be given in a timely fashion. The Board of Directors will meet during the biennial North American Agroforestry Conference.

All officers will be elected by a plurality of members who cast ballots in an election held for that purpose.

Section 2. OFFICERS OF THE ASSOCIATION.

a. President, President-Elect, and Past-President

Term of office: The President will serve a total of four years, of which the first two years will be as President-Elect and the second two years as President. Past Presidents can continue to serve AFTA with approval of the Board of Directors.

Powers and responsibilities: The President will provide leadership in setting goals for the Association and assuring its continuity and financial stability. He/she shall establish policy for the Association in consultation with the entire Board.

The President and President-Elect will share responsibilities for the conference planning, fund raising, and membership promotion, based on mutual agreement after each election of a new President.

The President-Elect will also serve as Chair of the awards and nominations committee.

b. Secretary

Term of office: The term of office of Secretary will be two years.

Powers and responsibilities: The Secretary shall (1) maintain a complete and accurate set of minutes of all annual meetings, executive committee meetings, and board of director meetings, with appropriate at-

tachments to include such things as committee reports and technical papers; (2) conduct all elections and referenda; and (3) prepare and mail meeting announcements; (4) be responsible for answering letters of inquiry or other general correspondence as required; and (5) keep the permanent files and records of AFTA.

c. Treasurer

Term of office: The term of office of Treasurer will be two years and renewed annually by mutual agreement with the Board of the Association.

Powers and responsibilities: The treasurer shall (1) receive and disburse all monies on behalf of AFTA; (2) prepare and present at the annual meeting a written report of AFTA's activities, including an income and expense statement for the year's operations and a balance sheet as of the end of the fiscal year; (3) complete all the tax information required at the state and federal level; and (4) maintain membership records.

Section 3: APPOINTED POSITIONS

a. Newsletter editor

Term of office: The term of office will be two years and renewed annually by mutual agreement with the Board of the Association.

Appointment: The newsletter editor will be a voluntary position appointed by the Board.

Powers and Responsibilities: The Newsletter Editor will publish *The Temperate Agroforester*, the newsletter of the Association, at least twice yearly, or more frequently as funds and material for publication permit.

b. The Board is required to seek advice, council and guidance from a diverse group of stakeholders concerning all aspects of agroforestry and to present the Association with a broad and well rounded understanding of their actions.

c. Regional Working Groups shall become affiliated at the approval of the Board.

d. Conference Chair

The institution agreeing to host the Biennial Conference will designate a Chair as part of its proposal for hosting the Conference. The Conference Chair will work closely with the President, President-Elect and Past President in planning the content and format of the Conference.

Section 4: EXECUTIVE COMMITTEE.

The President, President-Elect, Secretary and Treasurer shall form the Executive Committee of the Association and shall be responsible for taking quick action on items that cannot wait until regular meetings of the full Board of Directors. The Board of Directors, however, shall exercise final approval of the actions taken by the Executive Committee.

Section 5: STANDING COMMITTEES.

An audit committee will be constituted consisting of the President, and two Board appointed members. The committee will review financial records on an annual basis.

Article 5: MEMBERSHIP

Membership is open to all interested parties, regardless of race, nationality, gender, handicap, age, or creed, who share an interest in the mission, goal and objectives of AFTA. Membership categories consist of: Lifetime, Sustaining, Institutional, Regular and Student. All individual members who have registered and whose dues are current will have voting privileges in the election of the members of the Board of Directors, and for specific issues that may be put before the general membership. Annual dues shall be assessed to support the Association and the publication of the newsletter. The structure of annual dues will be established by decision of the Board of Directors. Annual dues will be due by July 1 of each year. Members are not in good standing if dues are not paid by October 1. The Association will not budget or authorize expenditures in excess of current reserves.

Article 6: CONFERENCES AND MEETINGS

The Association will sponsor a temperate agroforestry conference in North America (known as the North American Agroforestry Conference—NAAC) every two years, with the exact date established in coordination with the hosting institution(s). Prior to each Conference, the Board of Directors will solicit expressions of interest and proposals for hosting the succeeding Conference. The institution(s) interested in serving as hosts will present their proposals according to guidelines established by the Board, which will make a final selection.

The conference will provide a forum for the sharing of information, the presentation of reports, and the expansion of national and international networks in temperate agroforestry.

The Association will hold a Board of Directors meeting and a general business meeting at each biennial NAAC conference. Board of Directors meetings will be open to all.

Article 7: PARLIAMENTARY AUTHORITY

The rules contained in "Robert's Rules of Order Newly Revised" shall govern AFTA in all instances in which they are applicable.

Article 8: LEGAL STATUS AND INCORPORATION

The Association will function and be incorporated as a not-for-profit 501(c)(3) corporation. The Board of Directors will determine the necessary legal procedures and make application for the incorporation of the Association as a not-for-profit, tax-exempt organization.

► Agroforestry Conference

The theme of watershed level planning was echoed by Bill Rietveld, Program Manager of the National Agroforestry Center. He described a "progression of paradigms," starting from a single tree, to a planned grouping of trees (an agroforestry practice), to trees planted around an entire farm, and finally to the watershed level encompassing a multitude of farms. Agroforestry practices are an integral and vital part of sustainable farming systems, Bill said, which need to be integrated within and optimized to fit the overall management of the farm. Nevertheless, he cautioned that large scale planning must respect the private property concerns and priorities of individual landowners.

The result of two current national trends, i.e. the economic demise of many small family farms and the increasing demand for timber from nonindustrial private forestlands, presents an important opportunity for agroforestry, according to Gene Garrett, forestry professor at the University of Missouri. By growing valuable hardwoods combined with agricultural crops, small family farmers could improve their profitability and prospects for staying on the land, he said.

Gene emphasized four important steps leading to the greater adoption of agroforestry by small family farmers: (1) national leadership by USDA and AFTA, (2) marketing of agroforestry on the basis of potential economic gain, backed up by cost-benefit data, (3) user-driven technology transfer and application of agroforestry practices, and (4) support through the

Article 9: APPROVAL

This Constitution will come into effect when approved by a majority of the membership in attendance at the 1995 biennial conference business meeting.

Article 10: AMENDMENTS

This Constitution may be amended by a majority of the membership who cast ballots in a referendum for such purpose. Such a referendum may be initiated by the Board of Directors or by a signed petition of ten (10) percent of the membership in good standing. A copy of the section of the Constitution both as in effect at the time of the referendum and as it would be under the proposed change shall be mailed together with a ballot to all members who have registered and whose dues are current at the time of preparation of the ballots. Members' ballots will be returned by mail to the Association. □

1995 Farm Bill and other elements of public policy.

Interest in agroforestry at the highest levels of USDA was evidenced by the presence of Paul Johnson, Chief of the Natural Resources Conservation Service.

Agriculture should produce not only food and fiber, Johnson said, but also wildlife, clean water and other environmental benefits. "Wildness needs to be cultivated," not only in wilderness areas, but also on farms, he said.

Johnson voiced a strong commitment to the National Agroforestry Center and the new collaboration between NRCS and USFS at its core. He said that CRP and other government assistance programs should be expanded and made more flexible, giving greater emphasis to the priorities of local landowners. The involvement of private landowners in all aspects of planning and implementation is key to the success of watershed or ecosystem-based approaches to resource management. Public policy should encourage the perception of conservation as "a positive act," not as a limit on personal freedoms.

Proceedings

Printed proceedings included the text of presented papers and poster abstracts will be mailed to all conference participants. Extra copies will also be available for purchase at a later date (watch the *Temperate Agroforester* for news on how to order copies of the proceedings). □

► **AFTA Meeting**

the new constitution. Candidates nominated by the current Steering Committee are as follows: President - Gene Garrett; President-Elect - Joe Colletti, Dick Schultz; Secretary - Andy Gordon, Peter Williams; and Treasurer - Linda Hardesty, Deborah Hill, and Mark Linit. Ballots with brief statements from each candidate will be sent to all AFTA members, who must be in good standing (1995 dues paid) for their votes to be counted. Election results will be announced in the next (January) newsletter.

Once new officers are elected, the old Steering Committee will cease to exist. Mike said that in its place, a new committee will be formed to advise the Board on issues related to agroforestry. Representatives of many different "stakeholders" will be included, e.g. sustainable agriculture, farm and forest industry, conservation organizations, USDA agencies, universities, environmental groups and sporting organizations.

Regional Groups

Development of a framework for the establishment of Regional Agroforestry Working Groups within AFTA is underway, according to Mike. Members of the Steering Committee will assist with the creation of regional working groups and determine how their activities can be effectively coordinated with the national Association. The working groups will be the focus of member activities within each region, such as organizing local seminars, field days and research projects.

ASA Meetings

AFTA will have excellent opportunities to help bridge the gap between farm and forestry groups, Mike said, though several forthcoming joint meetings. At this month's annual meeting of the American Society of Agronomy in St. Louis, there will be ten invited poster presentations on agroforestry. He announced that agroforestry authority P.K. Nair will be the new chair of ASA's division of international agronomy, which will help facilitate dialog on agroforestry with professional agronomists.

Plans are underway for a one day symposium on agroforestry at the 1996 meeting of the ASA in Indianapolis, including topics relevant to both temperate and tropical regions. Mike said that the papers presented there could form the basis for a new textbook on temperate agroforestry suitable for both undergraduate and graduate level courses.

Policy Activities

Representatives of USDA agencies and several private organizations, including AFTA, met last year in Nebraska City to develop a framework for a coordinated national agroforestry program. Mike provided a progress report since the publication of their recommendations, contained in a report entitled "Agroforestry for Sustainable Development: A National Strategy to Develop and Implement Agroforestry."

Within USDA, an interagency coordinating committee for agroforestry has been established and a national agroforestry advisory council is being formed. Effective this month, the report's recommendation for a national interagency agroforestry center will be realized with the joint operation of the National Agroforestry Center in Lincoln, Nebraska, by the Forest Service and Natural Resources Conservation Service. Emphasis on international technology exchange will be increased through the cooperation of USAID in funding an international program coordinator at the National Agroforestry Center.

Mike also discussed AFTA's role in promoting the inclusion of provisions related to agroforestry in the 1995 Farm Bill. At a meeting last December, AFTA representatives developed a policy statement entitled "Agroforestry: Blending Agriculture and Forestry Production and Conservation Practices." He said that over 1200 copies of the report have been distributed to legislators, including the staffs of all Senators involved with agriculture and forestry. Mike encouraged AFTA members to make personal contacts with their representatives. Gene Garrett (Forestry Dept., University of Missouri, Columbia, MO 65211) can provide copies of AFTA's policy statement to any member wishing to do so.

Future Home

Following the members' approval of new bylaws at the Idaho meeting, Mike said that the next step will be to find a permanent home for AFTA. There was some discussion regarding potential host institutions that may be able to provide administrative support, such as a university or a larger private, nonprofit organization. Once an institutional home has been found, then AFTA can start the process of incorporation as a non-profit and application for tax-exempt status, Mike said. Financial support for the Association should come not only from member dues, but also from grants, contributions and revenue-generating activities such as publishing, training courses and study tours. □



Agroforestry and Land Use Change in Industrialized Nations

Proceedings of the joint conference of the International Scientific Centre of Fertilisers, Technical University of Cottbus, and Institute of Forest Ecology, held at Humboldt University, Berlin, 30 May-2 June, 1994. Edited by E. Welte, I. Szabolcs and R.F. Huettl.

Contains 42 selected contributions in six conference sessions: (1) general aspects of agroforestry, its development and future potential for improving and optimizing sustainable, ecologically qualified land use systems in industrialized countries, (2) management practices in agroforestry systems in temperate zones, breeding and cultivating aspects, technical and political problems, multifunctional models, (3) biomass production, short rotation fuelwood plantations and other systems of energy cropping, global climate change effects and CO₂ mitigation strategies, (4) economic and social aspects in agroforestry systems, (5) nutrient dynamics and cycling processes in agroforestry systems, assessment of nutrient demand, analytical methods of determination and evaluation, fertilizer use, proper application and timing, and (6) agroforestry in tropical and subtropical regions, development, experience and economic relevance.

Price (including handling, postage and bank conversion fees) DM 79,00. Send orders to: Verlag Goltze-Druck GmbH and Co. KG, P.O. Box 1944, 37009 Goettingen, Germany.

Species Monographs and Extension Manuals

Species monographs include information on classification, description, biology, ecology, husbandry and management, the role of the tree as a resource, and the quality and utilization of its timber.

Extension manuals are designed for forestry and agricultural extension workers who work with farmers on tree-growing projects in the dry savanna regions of Africa.

Monographs are currently available in several languages for *Balanites aegyptiaca* and *Acacia seyal*. The next in the series, *Vitellaria paradoxa*, will be published later this year.

For ordering information, contact Agroforestry Documentation, School of Agricultural and Forest Sci-

ence, University of Wales, Bangor, Gwynedd, LL57 2UW, UK, Tel. (44) 1248 382459, Fax 1248 382832.

Agroforestry Knowledge Toolkit

Software that provides an environment in which to create knowledge bases about user-selected topics by collating knowledge from a range of sources. It facilitates the synthesis of that knowledge and its evaluation, and thereby facilitates its use in planning agroforestry research and extension. Currently available for Apple Macintosh (a Windows version will be released later this year), the software consists of two parts: knowledge base and query/output mechanisms. The post-paid price, including guidelines and manual is \$18.75. Order from Agroforestry Documentation, School of Agricultural and Forest Science, University of Wales, Bangor, Gwynedd, LL57 2UW, UK, Tel. (44) 1248 382459, Fax 1248 382832.

Agroforestry Modelling Newsletter

Newsletter of the Agroforestry Modelling and Research Co-ordination Project (ODA-AMP). For information, contact Gerry Lawson, Tropical Forests Section, Institute of Terrestrial Ecology, Bush Estate, Penicuik, Edinburgh, EH26 0QB, UK, Tel 44-131-445-4343, Fax 445-3943, E-mail gjl@ite.ac.uk.

Agroforestry and Sustainable Systems Symposium

Proceedings of the August, 1994 symposium held in Ft. Collins, Colorado. W.J. Rietveld, Technical Coordinator. General Technical Report RM-GTR-261. USDA Forest Service, Rocky Mountain Forest and Range Experiment Station. To request additional copies, contact the National Agroforestry Center, East Campus-UNL, P.O. Box 830822, Lincoln, NE 68583-0822.

Nitrogen-fixing Plants for Temperate Climates

This directory describes over 450 different species and includes tables, organized by plant type, showing conditions required and uses of all species. Price (including postage) £14.00. Order from Agroforestry Research Trust, 46 Hunters Moon, Dartington, Totnes, TQ9 6JT, UK. □



National Agroforestry Center

Expanding interest in agroforestry technologies has prompted the National Agroforestry Center, located in Lincoln, NE, to extend its scope of operation. Beginning Oct. 1, 1995, NAC will enter into a new partnership between its parent agency, the USDA Forest Service, and the USDA Natural Resources Conservation Service. The partnership will expand the Center's programs in Research and Development, and Technology Transfer and Applications. In addition to the two principal partners, the US Agency for International Development has agreed to provide initial funding for NAC's International Technology Exchange program.

For more information, contact the National Agroforestry Center, USDA Forest Service, Rocky Mountain Station, East Campus-UNL, Lincoln, NE 68583, tel. 402-437-5178.

SAF Agroforestry Working Group

The Society of American Foresters Agroforestry Working Group serves as a resource for agroforestry information, both for members of SAF and other organizations. Its mission is "to increase the understanding, acceptance and application of the science of agroforestry." The Working Group publishes a newsletter (free to SAF members on request), coordinates technical sessions within SAF conventions, and co-sponsors agroforestry-related conferences.

For more information, contact the SAF Agroforestry Working Group Chair: Peter Schaefer, Horticulture, Forestry, Landscape and Parks Dept., Box 2207-C, South Dakota State Univ., Brookings, SD 57007, tel. 605-688-4732, fax 605-688-4452, e-mail schaeferp@mg.sdstate.edu.

IUFRO Agroforestry Project Group

Following the 20th World Congress of the International Union of Forestry Research Organizations (IUFRO) in August 1995, the Agroforestry Project Group has invited all members working in agroforestry to register their interest.

Fergus Sinclair of the University of Wales is the leader of IUFRO P1.15-00 Project Group on Agroforestry. He is assisted by three deputies, Wenyue Hsiung (PR China), Roslyn Prinsley (Australia) and Khosla Prem Kumar (India). The Project Group is divided into four Working Parties, each with its own leader:

- **P1.15-01 Temperate Agroforestry** (Michael Gold, AFTA, Dept. of Forestry, Michigan State University, East Lansing, MI 48823, USA)
- **P1.15-02 Tropical Agroforestry** (Frederic Owino, ICRAF, P.O. Box 30677, Nairobi, Kenya)
- **P1.15-03 Fundamental Research and Modelling in Agroforestry** (Daniel Auclair, CIRAD, Unité de Modélisation des Plantes, BP 5035, 34032 Montpellier Cedex 1, France)
- **P1.15-04 Adaptive and Social Research in Agroforestry** (Khosla Prem Kumar, Dr. Y.S. Parmar University of Horticulture and Forestry, Solan 173230 (HP), India).

Anyone interested in participating in P1.15-00 Project Group on Agroforestry, or one of its component Working Parties, should send their name, address, phone, fax and e-mail details to F.L. Sinclair, School of Agricultural and Forest Science, University of Wales, Bangor, Gwynedd, LL57 2UW, UK, Tel 01248 382459, Fax 01248 382832, E-mail f.l.sinclair@bangor.ac.uk.

Minnesota Agroforestry Coalition

Over fifty people gathered April 18 at the St. Paul campus of the University of Minnesota for the first Annual Meeting of the Minnesota Agroforestry Coalition. Those who attended represented a wide variety of government agencies, university departments, farmers, and other interested groups.

Paul Flynn, NRCS, gave a slide presentation on agroforestry efforts in Minnesota. In the past, agroforestry in Minnesota has focused on resource protection with little emphasis given to the utilization of agroforestry products. Recently, more attention has been given to riparian plantings and biomass production. There are also several active producer's associations of nursery plants, Christmas trees and maple syrup. The NRCS is expanding its agroforestry projects and plans to move toward establishing systems of vegetation on farms.

For more information about the Minnesota Agroforestry Coalition, contact Jan Joannides, Center for Integrated Natural Resource and Agricultural Management, University of Minnesota, 1530 N. Cleveland Ave., 115 Green Hall, St. Paul, MN 55108, tel (612) 624-7418, fax 625-5212, e-mail joann001@maroon.tc.umn.edu. □



AFTA Discussion List

A discussion list has been established at the University of Missouri to facilitate electronic communication regarding issues and questions of importance to members of AFTA and other persons interested in temperate agroforestry.

The discussion list is an electronic forum that allows an individual subscriber to post questions, statements, announcements, etc. of potential interest to AFTA members. All subscribers will electronically receive the posted information and can reply to the individual or post a reply to all subscribers. Access to the discussion list is possible for anyone with an e-mail address.

To subscribe to the discussion list, send an e-mail message to: listproc@lists.missouri.edu. Type only the following in the body of the message: subscribe AFTA yourname. For example, when I subscribed I typed: subscribe AFTA Marc Linit.

You will receive confirmation of your subscription from the University of Missouri (MU) List Processor.

To post items to be received by all subscribers, e-mail the information to: AFTA@lists.missouri.edu.

Please limit posted information to agroforestry issues. This is not a discussion list for general issues involving plants, trees or forests. Other discussion lists exist for those topics.

The list administrator is Marc Linit at the University of Missouri. Questions can be addressed to him at: entmarc@mizzou1.missouri.edu.

AFTA Home Page

A home page for AFTA on the World Wide Web is currently under construction. Jan Joannides at the University of Minnesota is developing a home page which will contain information about AFTA as well as pointers to other locations of interest to agroforesters. Contributions related to agroforestry, either text and photographs, will be welcome.

For more information, address messages to her as follows: joann001@maroon.tc.umn.edu. □



Mark Your Calendar

Society of American Foresters, Oct. 28-Nov. 1, Portland, ME. During the Annual Meeting, a technical session on agroforestry will be presented, sponsored by the SAF Agroforestry Working Group. For details, contact: SAF, 5400 Grosvenor Ln., Bethesda, MD 20814, tel 301-897-8720, fax 897-3690.

American Society of Agronomy/Crop Science Society of America/Soil Science Society of America, Oct. 29-Nov. 3, St. Louis, MO. Annual meeting. For details, contact ASA/CSSA/SSSA, 677 S. Segoe Rd., Madison, WI 53711, tel 608-273-8080.

Tree Farmer Convention, Nov. 2-5, St. Louis, MO. For details, contact: American Forest Foundation, 1111 19th St. NW, Ste. 800, Washington, DC 20036, tel 202-463-2462.

Weed Science Society of America, Feb. 5-8, 1996, Norfolk, VA. Call for papers. For guidelines for the preparation of abstracts, contact: Don Murray, WSSA Abstract Editor, Agronomy Dept., Oklahoma State University, 272 AGH, Stillwater, OK 74078, tel 405-744-6420.

Fifth Black Walnut Symposium, July 28-31, 1996, Springfield, MO. As part of the Walnut Council annual meeting, there will be two full days of technical presentations on all aspects of managing walnut, especially the use of agroforestry. A field tour is planned to the Hammons Products Co. to see their agroforestry program. For details contact: James Jones, Hammons Products Co., 217 Hammons Dr., Stockton, MO, 65785, tel 417-276-5181, fax 276-5187. □



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Please Let Us Hear From You

AFTA invites all members to submit their own stories for publication in the *Temperate Agroforester*. We welcome your suggestions, ideas for stories, and articles related to agroforestry in any one of the following categories:

- **Feature Articles** (500-1500 words): e.g. practitioner profiles, research and demonstration, how-to, education and training, public policy, meeting summaries, and opinion.
- **News** (500-1000 words): e.g. local, regional and national activities of AFTA and other organizations.
- **Departments** (up to 250 words): e.g. calendar, Internet resources, references, networking, marketing, products and services.

Please send your submissions either as a PC compatible word processing file on disk, an e-mail message, or typewritten by fax or by mail. Write or call with your comments and suggestions, or to obtain more detailed guidelines regarding format, tables, figures, photos, etc. Thank you for helping make the *Temperate Agroforester* a useful source of information for all AFTA members.

Address all correspondence to: Miles Merwin, Editor, The Temperate Agroforester, P.O. Box 266, Lake Oswego, OR 97034, USA, tel/fax (503) 697-1767, e-mail mlmerwin@teleport.com.

Membership Application

JOIN US! Your membership in AFTA includes a subscription to our quarterly newsletter, a membership directory (updated annually), discounts on publications of special interest, information on upcoming meetings, and the opportunity to work with others to promote more productive and sustainable land management.

Annual Membership Dues ☛ Regular \$15; Student \$10; Sustaining \$50; Institutions \$20; Lifetime \$300

Name _____

Address _____

Telephone _____ Fax _____ E-mail _____

Main Agroforestry Interests _____

Membership dues can be paid by a check drawn on a U.S. bank in U.S. dollars payable to AFTA. Please send completed application and dues to AFTA, c/o Dr. Michael Gold, President, Department of Forestry, Michigan State University, East Lansing, MI 48824-1222, USA.