

## Tentative Program

### **Folk Botanical Wisdom: Towards Global Markets**

Annual Meeting of the Society for Economic Botany

Hosted by:

Khon Kaen University, Chiang Mai University and Queen Sirikit Botanical Garden

Imperial Mae Ping Hotel, Chiang Mai, Thailand

June 5-June 9, 2006

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#### **Sunday, 4 June**

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- 9:00 - 12:00 Pre-meeting Chiang Mai city tour 1 (optional, departing from Imperial Mae Ping Hotel)
- 13:00 - 16:00 Pre-meeting Chiang Mai city tour 2 (optional, departing from Imperial Mae Ping Hotel)
- 16:00 - 19:00 \*Registration (Imperial Mae Ping Hotel)
- 19:00 - 20:30 Thai Dinner Buffet, Wine/Cheese Reception, Cash Bar (Imperial Mae Ping Hotel)
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\*Registration includes admission to all presentations and costs of continental breakfast, breaks, lunches on Monday-Thursday and the Thursday evening banquet. Evening meals on Monday-Thursday are not included. Registration does not include lodging, travel, field trips, or other costs outside of the conference.

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#### **Monday, 5 June**

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- 7:00 - Registration
- 8:15 - 8:45 Opening Ceremony and Welcome to Chiang Mai  
Invited Host: **Her Royal Highness Princess Maha Chakri Sirindhorn**
- 8:45 - 12:30 Symposium 1: ***Folk Botanical Wisdom Towards Global Markets***
- 12:30 - 13:30 Lunch Break (served on site)
- 13:30 - 15:30 Contributed Paper Session 1: Foods and Fibers
- 15:30 - 15:45 Afternoon Break
- 15:45 - 17:30 Contributed Paper Session 2: Teaching and Tools
- 17:30 - Workshop 1: *Student Network*  
Workshop 2: *Ethnobotanical Film Making*  
Other workshop-dinner meetings (open participation and sites determined by participants)

## Tuesday, 6 June

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- 8:00 - 12:00 Symposium 3: Historical Perspectives on the Gain and Loss of Plant Genetic Resources in Monsoon Asia
- 12:00 - 13:30 Lunch Break (served on site)
- 13:30 - 15:30 Contributed Paper Session 4: Plant Evolution and Selection
- 15:30 - 15:45 Afternoon Break  
Poster Session open viewing
- 15:45 - 17:30 Contributed Paper Session 5: Traditional Knowledge and Conservation
- 17:30 - Workshop 3: Field Methods and Development of Economic Botany Theory  
Workshop 4: Ethnobotany Curricula with a Sense of Place: International Models and Perspectives  
Other workshop-dinner meetings (open participation and sites determined by participants)
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## Wednesday, 7 June

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- 8:00 - 12:30 Symposium 2: Medicinal Plant Research in South & Southeast Asia: Past, Present & Future
- 12:30 - 13:30 Lunch Break (served on site)
- 13:30 - 15:30 Contributed Paper Session 3: Ethnomedicine
- 15:30 - 15:45 Afternoon Break  
Poster Session open viewing
- 15:45 - 17:30 Contributed Paper Session 3: Ethnomedicine
- 17:30 - Workshop 5: Curriculum Development and Ethnobotany Certification  
Workshop 6: Collections for Ethno- and Economic Botany: Museum and Herbarium Collections Development and Management
- Other workshop-dinner meetings (open participation and sites determined by participants)
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## Thursday, 8 June

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- 8:00 - 10:00 Symposium 4: Learning from Farmer's Crop and Landrace Diversity Conservation Strategies
- 10:00 - 10:15 Morning Break
- 10:15 - 12:15 Contributed Paper Session 6: Socioeconomic Analyses
- 12:15 - 13:30 Lunch Break (served on site)
- 13:30 - 15:30 Contributed Paper Session 7: Palaeobotany
- 15:30 - 15:45 Afternoon Break
- 15:45 - 17:00 Annual Society for Economic Botany Business meeting
- 17:30 - 19:00 Pre-Banquet Social with Snacks and Cash Bar
- 19:00 - 21:00 Closing Awards Banquet.  
Speakers: **Drs. Memory Elvin-Lewis and Walter Lewis, 2006 Co-Distinguished Economic Botanists**

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## Friday, 9 June

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- 8:00 - 9:00 Ceremony to honor the 60<sup>th</sup> anniversary of the coronation of **His Royal Highness King Bhumibol Adulyadej** (Imperial Mae Ping Hotel)
- 9:00 - 17:30 Field Trip A: **Home Industry and Craft Production**: Tour of silk and cotton weaving, plant fiber craft production, wood carving and fresh plant markets.
- 9:00 - 17:30 Field Trip B: **Royal Projects**: Tour of Thai royal family sponsored community development projects on ornamental plants, fruit crops, and ecological sustainability.
- 9:00 - 17:30 Field Trip C: **Botanical Garden and Hike**: Tour of Queen Sirikit Botanical Garden followed by a guided hike through Doi Pui-Suthep National Park.

## Tentative Evening Workshops

Optional evening workshops will be held at small restaurants or other meeting places near the conference hotel. Meals and other costs are not included but are also optional. Locations will be announced at the conference site following solicitation of interest. This will allow workshop planners to select a site that is of an appropriate size. Workshops are very loosely organized and most represent continuations of discussions that have been held at SEB meetings over a series of years.

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Workshop 1: *Student Network*  
Date: Monday evening, June 5th  
Sponsor: Society for Economic Botany  
Description: Student members of the SEB hold a networking mixer each year in order to meet each other and to become acquainted with a variety of educational programs and faculty advisors. Faculty members who are part of training programs are encouraged to join the mixer to meet and talk with students.

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Workshop 2: *Ethnobotanical Film Making*  
Date: Monday evening, June 5th  
Sponsor: University of Hawai'i  
Description: Digital film making is an increasingly important tool in fieldwork, particularly useful in linking cultural information to identifiable plants. This workshop is geared towards increasing the quality of material recorded by giving participants greater control over the medium. We will cover technical aspects (e.g. camera settings, gear, audio), compositional aspects (framing, lighting, focus), and some of the ways that thinking about presenting the material can help in recording it. There will be some time for questions and discussion throughout the workshop. Experienced filmmakers are encouraged to attend, and participants are welcome to bring their own camera equipment.

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Workshop 3: *Field Methods and Development of Economic Botany Theory*  
Date: Tuesday evening, June 6th  
Sponsor: Society for Economic Botany  
Description: Theory-driven research is tightly linked to development of testable hypotheses and appropriate methods for testing the hypotheses. This workshop involves discussions of field methods and the emergence of theories about human interactions with plants.

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Workshop 4: *Ethnobotany Curricula with a Sense of Place: International Models and Perspectives*  
Date: Tuesday evening, June 6th  
Sponsor: Botanical Research Institute of Texas  
Description: Integration of traditional environmental knowledge into modern classroom curriculum is happening at a growing pace around the globe. This workshop is part of a growing network of trans-disciplinary educators, researchers, and community members seeking to instill the values, wisdom, and ingenuity of traditional observations, science and practices into the education of children. It is expected that the activities of the network will stretch across many years, cultures, and disciplines. The format will be presentations of programs with science curricula incorporating place-based ethnobotany followed up with a round table discussion for sharing and planning further development of K-12 outreach for schools.

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Workshop 5: *Curriculum Development and Ethnobotany Certification*  
Date: Wednesday evening, June 7th  
Sponsor: Society for Economic Botany  
Description: Ongoing development of ethnobotany courses, curricula and field training programs will be discussed as they are developing at various institutions. Proposals will be reviewed for establishing SEB certification of programs or individuals.

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Workshop 6: *Collections for Ethno- and Economic Botany: Museum and Herbarium Collections Development and Management*  
Date: Wednesday evening, June 7th  
Sponsor: Society for Economic Botany  
Description: CEEB is a network of researchers who have been developing standards and protocols for the development of collections of artifacts, plant specimens and related materials. Participants discuss successes, problems, and funding sources for addressing management issues.

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## Poster Presentations

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1. **Maghsoud Akbarzadeh.** *Study on destruction factors of ecosystem using satellite data in Ilghineh chay basin of Arasbaran region, Iran.*
2. **Almeida, A. M. R., Piovesan, J. C., Viana, B. F., El-Hani, C. N.** *Mapping Community Perception on the Value of Ecosystem Services: The case study of Manias Community (Bahia, Brazil) and the production of passion fruit (*Passiflora edulis*, Passifloraceae).*
3. **Maryam Arefi, Vahideh Nazari, Mansour Mirtajaddini.** *Chemotaxonomy study of some annual species of *Astragalus* based on flavonoids.*
4. **Maryam Arefi, Vahideh Nazari, Mansour Mirtajaddini.** *Numerical Taxonomy of some annual species of *Astragalus* from Iran.*
5. **Kristine Callis, Faith Inmen.** *The relationship Between Religious Uses of Plants and Forest Preservation Among the Tai Dam in NW Laos, PDR.*
6. **Brian Doyle, Tracie Locklear, Gail B. Mahady, Alice Perez.** *Validation of the Ethnomedical Use of Costa Rican Plants for the Treatment of Menopause.*
7. **Roozbeh Farhoudi, Maryam Makizadeha.** *Dormancy breaking and germination methods of madder (*Rubia tinctorum*) seeds.*
8. **Leopold Feichtinger, Christian R. Vogl, Brigitte Vogl-Lukasser.** *Local Knowledge of Alpine organic farmers families in Eastern Tyrol, (Austria) on hand made wooden agricultural tools.*
9. **Anja Christanell, Hemma Burger-Scheidlin, Brigitte Vogl-Lukasser, Christian R. Vogl.** *Lightning, hail and thunderstorms in Austrian farming communities: Blessing *Salix* sp. and *Buxus sempervirens*!*
10. **Patcharin Kengkarj, Piya Chalermglin.** *Conservation and development on sustainable uses of rare and endangered native fragrant flower species.*
11. **Kwan-Su Kim, Si-Hyung Park, Hui Kim.** *Leaf cuticular waxes in sesame (*Sesamum indicum* L.) and soybean (*Glycine max* (L.) Merr.).*
12. **Vichith Lamxay, Chanda Vongsombath, Hugo J. de Boer.** *Ethnobotany, Biodiversity and Malaria in Nakai-Nam Theun NBCA, Laos: Three PhD projects in a Sida-SAREC funded collaboration between the National University of Laos and Uppsala University, Sweden.*
13. **Tracie Locklear, Brian Doyle, Gail B. Mahady, Alice Perez.** *Evaluation of the ethnomedical use of *Justicia pectoralis* for the treatment of dysmenorrhea.*
14. **Thomas E. Marler, Nirmala Dongol.** **Cycas micronesica* reproductive organ development in Guam.*
15. **'Afa Kehaati Palu, Brett Justin West, Jarakae Jensen, Bing-Nan Zhou.** **Morinda citrifolia* L. Noni has Cholesterol Lowering Potential.*
16. **Piovesan, J. C., Almeida, A. M. R., El-Hani, C. N., Viana, B. F.** *Environment, Production and Conservation: Mania Communities perception of nature and the production of passion fruit (*Passiflora edulis*, Passifloraceae).*
17. **Abdollah Ghasemi Pirbalouti, Ahmad Reza Golparvar.** *The Evaluation of Seed Dormancy and Germination of Two Species of Iranian Medicinal Plants.*
18. **Ali Reza Safahani, Rozbeh Farhoudi.** *Methods for breaking of seed dormancy in *Echinacea angustifolia* D.C. and *Echinacea purpurea*.*
19. **Laura Weiss, Tamara Ticktin.** *Assessing ecological impacts of *Colophospermum mopane* (Fabaceae) seed harvesting in Namibia.*
20. **Tamara Wong.** *Traditional medicinal plants in a contemporary agroforestry system: noni in the understory (Hawai'i).*
21. **Hirofumi Yamaguchi, Ye Tun Tun.** *Phylogenetic Relationships in Subgenus *Ceratotropis* Species ( Genus *Vigna*, Fabaceae ) Inferred by *trnT-F* Sequences.*
22. **Sota Yamamoto, Li-Ying Lin, Eiji Nawata.** **Capsicum frutescens* L. used by aborigines of Taiwan.*
23. **Valenzuela-Zapata Ana G., Larson Jorge.** *Agave plants diversity used in Mexican Geographical Indications spirits : Mezcal and Tequila.*
24. **Allison Adonizio, Kok-Fai Kong, Kalai Mathee.** *Anti-quorum sensing activity of six South Florida medicinal plants and their ability to inhibit *Pseudomonas aeruginosa* pathogenicity.*