

Society for Economic Botany
41st annual conference



University of South Carolina
Columbia, SC

20-23 June 2000

PROGRAM

 **ABSTRACTS** 

SOCIETY FOR ECONOMIC BOTANY
41ST ANNUAL CONFERENCE

University of South Carolina, Columbia, SC

21-23 June 2000

Organized by Gail E. Wagner

PROGRAM

June 19 Monday

Dormitory rooms available beginning at 2:00 pm. Go to Capstone Hall on Barnwell St., between Pendleton and Greene Streets.

June 20 Tuesday Capstone Hall, ground floor

- 11:00-2:00 **Registration** in Capstone Hall in lobby area
11:30-5:30 **Council Meeting** in 302 Hamilton College, corner of Pickens and Pendleton Streets
(lunch included)
12:30-5:30 **Field Trip** to Congaree Swamp National Monument, Van #1 (can drive own car)
2:00-5:30 **Field Trip** to Congaree Swamp National Monument, Van #2 (still has space)
5:00-6:00 Registration at Capstone Hall in lobby area
6:00-8:00 **Reception** at McKissick Museum, USC Horseshoe

June 21 Wednesday Daniel Management Center (Close/Hipp Bldg, top floor)

- 7:30-5:00 Registration, Daniel Management Center
8:00-8:30 **Opening remarks:**
Bruce C. Coull, Dean, School of the Environment at University of South Carolina
Beryl Simpson, President, Society for Economic Botany

Moderator: Will McClatchey

- 8:30-8:50 S. Herron, **Catnip, *Nepeta cataria*: Its Ethnobotany, Anatomy, and Physiology**
8:50-9:10 H. R. Campbell & J. Salick, **Cassava Diversity Among the Amuesha**
9:10-9:30 T. Ticktin & T. Johns, **Impacts of Harvest on Populations of *Aechmea magdalenae*:
Considering the Effects of Ecological and Human Variation**
9:30-9:50 D. Hurlburt, **Harvesting *Echinacea angustifolia*: Demographic Models and
Implications for Sustainability**
9:50-10:10 K. Stewart, **Effect of Bark Harvest on Populations of the African Cherry (*Prunus
africana*) in Cameroon**
10:10-10:30 **BREAK**

WEDNESDAY, JUNE 21

- 10:30-10:50 C. Plowden, **Breu Resin Harvest in the Eastern Amazon and Its Link to a Bark Boring Beetle**
- 10:50-11:10 W. McClatchey, M. Sirikolo, J. Stevens, H. Boe, F. Votboc, E. Biliki and M. Wysong, **Interlinked Roles for Conservation of Language and Biological Diversity Among Ririo and Babatana Speakers of Lauru, Solomon Islands**
- 11:10-11:30 C. Hamlin & J. Salick, **What Effects, New Roads: Indigenous Agriculture in the Amazon**
- 11:30-11:50 W. Crone, **Economic Botany in a Distance Learning Environment**
- 11:50-1:30 **LUNCH**
Optional Roundtable Discussion: Education, led by Brad Bennett

Moderator: Don Ugent

POSTER PRESENTATIONS

- 1:30-1:40 K. Stewart, **Uses of African Cherry (*Prunus africana*) in the Region of Mount Oku, Cameroon**
- 1:40-1:50 M. Walker, S. Banack, & J. Nunez, **Ethnobotanical Investigation of Acjachemen Percussion Instruments**
- 1:50-2:00 K. Hall, **Current Ethnobotany of the Eastern Band of the Cherokees: An Assessment of Change**
- 2:00-2:10 M. Kimata, **Domestication Process of *Korali*, *Setaria glauca* (Poaceae)**

PAPERS

- 2:20-2:40 M. Eubanks, **A Novel Window Into Maize Evolution**
- 2:40-3:00 L-A. Attenborough-Deakin, **Experimental Replication of 17th Century Native Agriculture: A Methodological Approach to Northeastern North America**

VIDEO

- 3:00-3:30 **Corn is Life**

3:30-3:50 **BREAK**

PAPERS

- 3:50-4:10 S. Banack & X. Rondon, **Indigenous Conservation of Totora (*Schoenoplectus californicus*, Cyperaceae) in Peru**
- 4:10-4:30 M. Delfeld, ***Begonia* or Be *Oxalis*: Confusion Between Spanish and Aztec ‘Sour Herbs’**

VIDEO

- 4:30-5:00 **City Farmers**

- 6:00-7:30 **Student Soiree**, Hall of Fame/Faculty Lounge, Daniel Management Center

June 22 Thursday Daniel Management Center (Close/Hipp Bldg, top floor)

8:00-5:00 Registration at Daniel Management Center

Roots in the Past, Seeds of Tomorrow: Sowing the Future of Economic Botany

8:15-8:30 G. Wagner, **Symposium Introduction**

8:30-9:00 G. Wagner, **Roots in the Past: A History of the Society for Economic Botany**

9:00-9:30 J. Salick, **Ecological Ethnobotany Developing**

9:30-9:45 **BREAK**

9:45-10:15 W. Lewis, **Pharmaceutical Discoveries Based on Targeted Ethnomedicinal Plants**

10:15-10:45 C. Gyllenhaal, D.D. Soejarto, L.T. Xuan, B.H. Southavong, S. Bouamanivong, J. Pezzuto, H. Fong, M. O'Neill, J. Tarzian-Sorensen, G. Tan, & N.V. Hung, **Ethnobotanical Aspects of an International Cooperative Biodiversity Group Project in Asia**

10:45-11:00 **BREAK**

11:00-11:30 G. Martin, **Training for the Future: Educational Opportunities in Economic Botany and Ethnobiology**

11:30-12:00 W. McClatchey, **Future Roles of Economic Botany and Ethnobotany**

12:00-1:30 **LUNCH**
Optional Roundtable: Ethics, led by David Theodoropoulos

Moderator: James Miller

POSTER PRESENTATIONS

- 1:30-1:40 A. Libman, **Biological Inventory and Local Knowledge in Locating Medicinal Plants**
1:40-1:50 A. Paul, E. Kipp, & G. Booth, **Bioactivity Found in Four North American Plant Species**
1:50-2:00 R. Chapman, J. Affolter, & D. Giannasi, **Phytochemical Variation in Wild Populations of Three Species of *Aloysia*: Implications for Medicinal Plant Conservation**
2:00-2:10 E. Kipp, **Economic Botany Global Issues Map and Website**

PAPERS

- 2:20-2:40 K. Owens, **The Baobab Tree (*Adansonia digitata*): The Insects it Houses and Their Contribution to the Ecosystem**
2:40-3:00 M. Fadiman, **Hat Weaving: Culture, Economy and Conservation**

THURSDAY, JUNE 22

3:00-3:20 **BREAK**

3:20-3:40 E. Joyal, J. Baker, A. Henry, & M. Rossow, **Basketry Ecology: A Museum- and Market-Based Global Survey**

FILM

3:40-4:00 **Basketry of the Pomo – Introductory Film** (16 mm)

ETHNOBOTANY METHODS WORKSHOP, led by David Lentz and Gary Martin

4:15-7:00 Workshop, Daniel Management Center

PLANT CRAFT DEMONSTRATIONS, in Hall of Fame/Lounge, Daniel Management Center

4:30-6:30 Demonstrations

7:00-8:30 **Barbeque**, at Russell House (Student Union) patio, on Greene St.

June 23 Friday Campus Room, Capstone Building ground floor

8:15-10:00 Registration

Moderator: Brad Bennett

8:30-8:50 J. Stepp, **Behavioral Versus Cognitive Research Methods in Ethnobotany**

8:50-9:10 J. Stevens & J. Mozena, **The Traditional Medicine of the Ririo Tribe of Lauru, Solomon Islands**

9:10-9:50 M. Ostraff, **KAU FAITO'O: Traditional Healers of Tonga**, a film by Melinda Ostraff

9:50-10:10 **BREAK**

10:10-10:30 B. Bennett, **Temperate and Tropical Pharmacopoeias: How Different Are They?**

10:30-10:50 N. Bletter, **Crosscultural Phylogenetic Medical Ethnobotany**

10:50-11:10 A. Waldstein, **Tzeltal Maya Explanations for the Actions of Medicinal Plants: A Preliminary Study**

11:10-11:30 M. Lee, **Traditional Knowledge of Medicinal Plants and International Property Rights: A Cost-Benefit Analysis**

11:30-1:00 **LUNCH**

Optional Roundtable: Funding Partnerships in Economic Botany, led by Brian Boom

Moderator: Charlotte Gyllenhaal

1:00-1:20 R. Pemberton, **Inedible Leaf Garnishes in Japanese Cuisine**

1:20-1:40 J. Graham, **A Comparison of Plant Knowledge in Two Peruvian Communities**

1:40-2:00 E. Chung, **Biocultural Diversity Hotspots and GIS Analysis: Alta California as a Case Study**

FRIDAY, JUNE 23

2:00-2:20 Elvin-Lewis, M., **Neem: From Ethnodentistry to Dental Products**

2:20-2:40 **BREAK**

VIDEO

2:40-3:20 J. Ostraff, **KUO HINA E HIAPO: The Mulberry is White and Ready to Harvest**,
a film by Joseph Ostraff and Melinda Ostraff

3:25-3:55 **The Flying Farmer**

4:00-5:00 **BUSINESS MEETING**

5:30-7:00 **CASH BAR**, Top of Carolina (Capstone top floor). Pose for academic family pictures

7:00-9:30 **BANQUET**, Campus Room at Capstone (ground floor)

7:00-8:15 Meal

8:15-8:45 Awards

8:45-9:30 **Distinguished Economic Botanist, James Duke**

“Millennial Medicinal Milestones”

June 24 Saturday

7:00 am Breakfast for Field Trip participants only

7:30 am Field Trips A (One-Day) and B (Two-Day) leave campus

5:30 pm Field Trip A returns to campus

June 25 Sunday

5:30 Field Trip B returns to campus

June 26 Monday

11:00 Final check-out time from dormitory