

REGISTRATION BOOKLET



Aquatic and Wetland Plants: Wet & Wild

THE ANNUAL MEETING OF THE FOLLOWING
PROFESSIONAL SOCIETIES

BOTANICAL SOCIETY OF AMERICA
AMERICAN SOCIETY OF PLANT TAXONOMISTS
AMERICAN BRYOLOGICAL AND LICHENOLOGICAL SOCIETY
AMERICAN FERN SOCIETY

July 26-31, 2003
Arthur R. Outlaw Convention Center
Mobile, Alabama

Presidents of Participating Societies

AMERICAN SOCIETY OF PLANT TAXONOMISTS

Lynn G. Clark
Iowa State University

BOTANICAL SOCIETY OF AMERICA

Scott Russell
University of Oklahoma



AMERICAN BRYOLOGICAL & LICHENOLOGICAL SOCIETY

William Buck
New York Botanical Garden

AMERICAN FERN SOCIETY

Christopher Haufler
University of Kansas

Conference Planning & Program Coordination

Botanical Society of America

BSA Meeting Manager
Johanne Stogran
Botanical Society of America
Ohio State University
1735 Neil Avenue
Columbus, Ohio 43210
Tele: (614) 292-3519
Fax: (614) 247-6777
E-mail: johanne@botany.org

BSA Program Director
Jeffrey M. Osborn
Division of Science
Truman State University
100 E. Normal Street
Kirksville, MO 63501-4221
Tele: (660) 785-4017
Fax: (660) 785-4045
E-mail: josborn@truman.edu

Fieldtrip Coordinator Al Schotz

Alabama Natural Heritage Program
Huntingdon College - Massey Hall
1500 East Fairview Avenue
Montgomery, AL 36106-2148
Tele: (334) 834-4519 ext. 27
Fax: (334) 834-5439
E-mail: aschotz@alnhp.org

Local Representative

Brian J. Axsmith
Department of Biological Sciences
University of South Alabama
Mobile, AL 36688-0002
Tele: (251) 460-7528
Fax: (251) 414-8220
E-mail: baxsmith@jaguar1.usouthal.edu

American Fern Society

Program Director
Thomas A. Ranker
Department of EPO Biology
Campus Box 350,
University of Colorado
Boulder, CO 80309-0350
Tele: (303) 492-5074
Fax: (303) 492-8699
E-mail: ranker@stripe.colorado.edu

Local Representative

Brian J. Axsmith
Department of Biological Sciences,
University of South Alabama
Mobile, AL 36688-0002
Tele: (251) 460-7528
Fax: (251) 414-8220
E-mail: baxsmith@jaguar1.usouthal.edu

American Society of Plant Taxonomists

Program Director
Andrea D. Wolfe
Dept of EEOB
Ohio State University
1735 Neil Avenue
Columbus, OH 43210-1293.
Tele: (614) 292-0267
Fax: (614) 292-2030
E-mail: wolfe.205@osu.edu

Local Representative

Lowell E. Urbatsch
Department of Biology
Louisiana State University
Baton Rouge, LA 70803-1705
Tele: (225) 578-8555
Fax: (225) 578-2597
E-mail: leu@lsu.edu

American Bryological and Lichenological Society

Program Officer
James D. Lawrey
Department of Biology
MSN 3E1, George Mason University
4400 University Drive
Fairfax, Virginia 22030-4444
Tele: (703) 993-1059
Fax: (703) 993-1046
E-mail: jlawrey@gmu.edu

Local Representatives

Kelly M. Major
Smoot Major
Department of Biological Sciences
LSCB #51, University of South Alaba
Mobile, AL 36688-0002.
Tele: (251) 460-7523
Fax: (251) 414-8220
E-mail: kmajor@usouthal.edu

Conferon Representative

Caroline Spinner
Four CityPlace Drive
Suite 480
St. Louis, MO 63141
Tele: (314) 997-1500



Sacred Bean of India
From the Collection of William Curtis (1746-1799)
from the National Agricultural Library, ARS, USDA
www.nal.usda.gov/curtis

Table of Contents

Mobile, Alabama.....	4
Getting to Mobile.....	5
Where to Stay.....	6
General Meeting Information.....	7
The Forum on Botanical Education and Outreach.....	10
Plenary Lecture.....	12
Symposia, Colloquia and Addresses.....	13
<i>Annals of Botany</i> Special Lecture.....	14
Scientific Field Trips.....	15
Workshops.....	23
Companion/Local Tours.....	26
Ticketed Society Events.....	28
Map of Mobile, Alabama Area.....	28
Application to serve as a Student Projectionist.....	29
Conference Registration Form.....	31
Conference Housing Form.....	37
Conference Overview At-A-Glance.....	Inside Back Cover

Conference Overview

Botany 2003 represents the annual meeting of four professional societies, including the American Fern Society (AFS), the American Society of Plant Taxonomists (ASPT), Botanical Society of America (BSA) and the American Bryological and Lichenological Society (ABLS). The conference is being held in the Arthur R. Outlaw Convention Center, and the Adam's Mark Hotel, Mobile Alabama.

The FORUM will begin on Friday evening with early registration and a light welcoming reception. The main FORUM sessions will occur on Saturday. Although some informational sessions will be included, the program will primarily include interactive panel and roundtable discussions as well as breakout groups focusing on a range of topics concerning undergraduate education and related outreach. Individual sessions will be grouped within topical themes, or 'threads,' that span the entire FORUM. The six general threads are: "Emphasizing Botany across the Curriculum," "Designing Investigative Laboratories," "Engaging Undergraduates in Research," "Developing Effective Teaching and Mentoring Skills," "Supporting Effective Teaching and Learning," and "Reaching Out Beyond the Ivory Towers."

On Sunday a menu of full-day, half-day and two-hour workshops are available to educate and challenge....several sponsored by the National Science Foundation which are free or offered at a low cost to registrants. All are available on a first-come, first-served basis.

Twenty one field trips are planned as full-day, and half-day events, and which will visit a diverse set of sites and cover a broad range of topics to enhance the conference. In addition, ten local/companion tours will be available during the conference to enable attendees and family members to take in the local color and sites of Mobile and the surrounding area.

The Scientific Meeting will officially begin on Sunday evening with a Plenary Lecture with in the Convention Center and it will be followed by an All-Society Mixer. Scientific sessions will begin on Monday morning and continue through Wednesday afternoon. Tuesday afternoon will feature an All-Society Poster Session. Participating Societies will also hold social events and meetings throughout the week.

Please visit the conference website for more meeting information and full details about the educational and scientific programs (www.botany2003.org), as well as see the inside back cover of this booklet for a conference overview.

Mobile, Alabama



Mobile is one of the most unique slices of the Deep South. This 300-year old seaport blends southern heritage and hospitality with the international influences left behind by French, Spanish, English, African, and Creole settlers.

The Port City of Mobile, has spent the last 300 years becoming a premier destination for visitors of all ages, cultures and backgrounds! The city, which celebrated its 300th birthday in 2002, is famous for its abundant culture, rich history and sumptuous cuisine. The Port City has become a tourist and convention favorite in the past years due to the construction of a waterfront convention center, new attractions and significant growth of its downtown retail industry and midtown residential areas.



Mobile is home to many attractions, museums, and other venues for visitors to enjoy. The Gulf Coast Exploreum Museum of Science and IMAX Theater offers three venues of fun for all ages. Just across the street, the Cotton Blossom Sternwheeler can take eager passengers on an excursion up the Mobile River. Visitors can also explore Mobile's fascinating past with a visit to the Museum of Mobile. The museum is located in a historic building that was once an open-air market and city hall. Over 100,000 artifacts allow visitors to see and learn about



the city's fascinating past and remarkable development into a commercial and maritime center. The museum also houses the royal robes of Mardi Gras Queens dating back to 1928.



Boating on a much larger scale is only minutes away at one of Mobile's anchor attractions; the U.S.S. Alabama Battleship Memorial Park is your onramp to adventure. Visitors can climb aboard the Battleship that won nine World War II Battle Stars, delve into the depths in the Submarine U.S.S. Drum and fly with 21 combat planes in the aircraft pavilion.



Mobile's other anchor attraction, Bellingrath Gardens & Home, is about 20 minutes southwest of the city. It encompasses 65 acres of beautifully landscaped gardens around the historic home of Walter and Bessie Bellingrath.



With the bounty of the sea at Mobile's door the Port City has a tempting palate to offer any discerning connoisseur.

From the delicious Gulf shrimp barbecued, fried, boiled, or steamed; to oysters on the half-shell; to the flaky white fish of the Gulf of Mexico there is a lot to offer even the most discerning palate.

Mobile cuisine, long known for the best of the sea extends to restaurants located throughout the Port City. Many of the legendary hangouts of Mobile are still operating today. Located within walking distance of the Arthur R. Outlaw Center there are a variety of restaurants with delicacies from the sea to the countryside that can be found throughout the Port City.

The neon lights of Dauphin Street, within walking distance of downtown hotels, mark the "Little Bourbon Street" of Mobile with restaurants and nightclubs offering something for everyone. The rest of downtown Mobile is a maze of interesting shops and palate-pleasing restaurants, with most storefronts restored to illustrate the city's historic architecture.



Getting to Mobile

BY PLANE

Travel to Mobile directly by flying into the Mobile Regional Airport. The airport is located approximately 20 minutes from downtown and is serviced by Continental Express, Delta, Northwest, and US Airways. Additional flights are available to New Orleans or Pensacola, Florida.

Shuttle services from the airport are available.

Mobile Bay Transportation is offering a conference rate of \$25.00 roundtrip. Service is available from the airport to any of the downtown Mobile hotels. Reservations should be made by calling **800-272-6234**. This will ensure a driver will be waiting for you at the airport upon your arrival.

Taxis are also available at the airport as well. Cost is approximately \$35 one-way to the downtown area.

Delta Airlines

has been chosen as the official airline of the Botany 2003 Conference...Call **800-241-6760**, Monday - Saturday, 8am - 11pm (EST) with questions or to make reservations. Use the code **195568A**, to get a 10% discount for travel based on published unrestricted round trip coach rates. Make your reservations 60 days prior to your departure date and receive an additional 5% discount. You may also use your travel agent to make your arrangements.....be sure to give them the code.



Botany 2003 has also contracted with

Continental Airlines for special conference rates. Call Continental directly **800-468-7022** or make reservations through your travel agent. Use the code **ZX78** to get the conference rate.

BY CAR

Mobile is located in Southern Alabama on US Interstate 10 approximately 2.5 hours from New Orleans, LA and 1 hour from Pensacola, FL.



Avis Rent A Car

Discounted car rental has been arranged through **Avis Rent A Car**. Make your arrangements by calling **1-800-331-1600** and use the Avis Worldwide Discount number: **J955218**.

BY TRAIN

There is an Amtrak station directly across the street from the Convention Center and the Adam's Mark Hotel. Make train travel arrangements directly through **Amtrak** at **www.amtrak.com**.

OR BY BUS

There is a Greyhound Bus station located approximately 4 miles away from the Convention Center, at 2545 Government Blvd.

Visit **www.greyhound.com** for schedules and fares.

Where to Stay

CHOICES OF ACCOMMODATIONS. . . .

Blocks of rooms have been reserved at the two hotels listed below. Please attempt to stay in the hotels with which we have contracted...this helps to keep the meeting costs down. Make reservations by using the Housing form found within this booklet or by using the conference website www.botany2003.org.

HOTEL ACCOMMODATIONS. . . .

The Adam's Mark Hotel is directly across the street from the Convention Center and it is also connected by a walkway. The Raddison Hotel is approximately 2 blocks away, an easy walking distance.

Adam's Mark Hotel

64 South Water Street
Mobile, AL 36602

Rates: Single - \$99.00 per night
 Double - \$104.00
 Triple - \$109.00
 Quadruple - \$114.00

Radisson Admiral Semmes Hotel

281 Government Street
Mobile, AL 36602

Rates: Single - \$85.00 per night
 Double - \$85.00

Dormitory Accommodations....

Spring Hill College

A limited number of rooms have been reserved in a new dorm facility. Each pod has 3-4 rooms and share a large living room area and full kitchen with oven, refrigerator, microwave. Washer and dryer also available. Approximately 10-15 minute drive from the Convention Center. **No shuttle service available.**

4000 Dauphin Street
Mobile, Alabama 36608-1791
Rates: \$39.00 per person per night
Meal Plan also available: \$16 per day and may be ordered when you check in.



ROOM SHARING SERVICE....

BOTANY 2003 will maintain a list of registrants who have submitted their names and indicated an interest in sharing a room during the conference. BOTANY 2003 is not responsible for assigning roommates.

Registrants are responsible for contacting individuals on a password-protected list and for making their own arrangements.

To be included on the list, please submit your name, e-mail address and pertinent information on the "Room Sharing Service" link on the conference website (www.botany2003.org).

Only one roommate should make the reservations, and it is recommended that you make your reservations early. BOTANY 2003 will assume NO responsibility for any difficulties arising from a shared room and recommends that all potential roommates be screened carefully.

3 Convenient Ways to Register

On line: www.botany2003.org

Fax: all completed forms to 330-963-0319

Mail: all completed forms to:

Botany 2003 Registration Center
PO Box 714079
Columbus, OH 43271-4079

Registration & Hotel Inquiries Only:
Call 330-425-9330
8:30 AM - 5:00 PM EST
Monday-Friday

General Meeting Information

REGISTRATION

Full instructions on how to register by mail, fax, or on-line are provided:

- 1) in this brochure,
- 2) as a form available for downloading at the BOTANY 2003 website (www.botany2003.org)
- 3) on-line registration site, also accessible from the BOTANY 2003 website.

A confirmation of your registration will be e-mailed to you within 7 business days of receipt. Tickets for events, a copy of the Final Program, book of Abstracts, and an official name badge will be included in your packet of registration materials available at the Registration Area at the conference.

PLEASE BRING THE REGISTRATION CONFIRMATION NOTICE WITH YOU TO THE CONFERENCE

This year's annual meeting will once again include a special **FORUM** to be held in conjunction with the scientific meeting. The **FORUM** will begin on Friday evening with early registrations and a light reception then continue on Saturday with a Keynote lecture and a series of concurrent sessions. Saturday evening will conclude with a reception. Sunday continues with 8 hands-on workshops presented as two-hour, half-day or full-day events. Please see the Workshop section of this brochure for a full discussion of topics, leaders, logistics, special notes, and expected expenses for each workshop.

Registration options are available for those who wish to **attend the FORUM** only, the Scientific Meeting only, or both.

Scientific meeting registration fees cover four days of the meeting, including the Plenary Lecture, the All-Society Mixer, all Scientific Sessions, Poster Displays, and the Exhibition Hall. An official name badge will be required for admission to all Scientific Sessions and the Exhibition Hall.

Registration fees must be paid to obtain the official name badge.

On-site registration, pickup of registration packets for those who have pre-registered, and late purchase of social event tickets can be done at the Registration Area, if still available, which will be located in the Pre Conference area of the Convention Center.

REGISTRATION PAYMENT

Checks and credit cards are the only acceptable forms of payment for registration. Wire transfers and purchase orders are not accepted.

REGISTRATION AREA TIMES OF OPERATION

Friday	July 25	6:00 pm to 9:00 pm
Saturday	July 26	8:00 am to 6:00 pm
Sunday	July 27	8:00 am to 6:00 pm
Monday	July 28	7:30 am to 5:00 pm
Tuesday	July 29	7:30 am to 5:00 pm
Wednesday	July 30	7:30 am to 12:00 pm

SPECIAL SERVICES

If you require special accommodations, assistance or services during BOTANY 2003, please check the box provided on the registration form and a BOTANY 2003 representative will contact you.

CHILD CARE

Child care can be arranged by directly calling:

My Favorite Nanny
251-634-0145

Attendees are completely responsible for making their own arrangements with the provider. **BOTANY 2003** assumes no responsibility for any difficulties or consequences arising from the use of a child care provider and recommends that the provider be screened carefully.

COFFEE BREAKS

Complimentary coffee breaks will be held in the Exhibit Hall at specific times each day. Check the Final Program for times.

FEDERAL TAX ID NUMBER

The Federal Tax ID number for the Botanical Society of America is: **62-0671591**.

General Meeting Information

REFUND AND CANCELLATION POLICY

Requests for registration fee refunds will be honored if received in writing before June 24, 2003 to:

Botany 2003 Registration Center
PO Box 714079
Columbus, OH 43271-4079

Registration fee refunds will be subject to a \$50 processing fee. Fieldtrips and Local Tour, Social Event and Workshop fees are non-refundable if cancelled after June 24, 2003.

Full fee refunds will be granted for Social Events, Scientific Field Trips, Local Tours, and Workshops if they exceed maximum enrollment, do not meet minimum enrollment, or if cancelled for any reason.

ALL refunds will be issued AFTER the conference.

ALL-SOCIETY MIXER

All registrants are invited to a welcoming mixer on Sunday, July 27 from 8:30 pm to 10:00 pm following the Plenary Lecture at the Arthur R. Outlaw Convention Center. A cash bar and complimentary soft drinks and snacks will be available.

FINAL PROGRAM & ABSTRACTS

The final Program and book of Abstracts will be distributed along with registration materials on-site at the registration desk in the Convention Center.

SOCIETY & ASSOCIATION TICKETED EVENTS

A listing of society and group events requiring tickets are printed in this brochure. To purchase tickets for those requiring paid admission, please check the appropriate box on the registration form and add the cost to your other fees. For those who pre-register, event tickets will be included in your registration packet, which will be distributed on-site at the Registration Desk. A limited number of tickets may be available for purchase at the Registration Desk on-site at the meeting but availability is not guaranteed.

INTERNET CAFE

Internet accessibility will be available in the Internet Cafe, which will be located in the Convention Center. The Internet Cafe will be in operation from 8:00 am to 6:00 pm on Monday through Wednesday, July 28-30.

EXHIBITS

Be sure to visit the outstanding array of commercial and scientific exhibits offered in the Ballroom of the Convention Center. The Exhibit Hall will be open from 9:00 am to 5:00 pm, from Monday, July 28 through Wednesday, July 30.

WORKSHOPS

Eight workshops are scheduled for Sunday, July 27. Please bring your "registration confirmation notice" so that you have a record of your purchased ticket. Please refer to the workshop descriptions in this brochure for full discussion of workshop topics, leaders, logistics, special notes, and expected expenses for each workshop.

FIELD TRIPS

Twenty-one Scientific Fieldtrips are scheduled before and after the scientific program from Saturday, July 26 to Thursday July 31. Fieldtrips are ticketed events; tickets may be purchased during registration. If you participate in a field trip before you pick up your registration packet, please bring your "registration confirmation notice" so that you have a record of your purchased ticket. Please refer to the Scientific Field Trip descriptions in this brochure for full discussion of trip destinations, trip leaders, logistics, special notes, and expected expenses. A limited number of tickets may be available for purchase at the Registration Desk on-site at the meeting, but availability is not guaranteed.

COMPANION/LOCAL TOURS

Ten Companion/Local Tours have been arranged to take place during the meeting. Local tours are ticketed events; tickets may be purchased during registration. For those who pre-register, tickets will be included in the registration packet, which will be distributed on-site at the Registration Area. Please refer to the Local Tour descriptions in this brochure for a full discussion of destinations and activities. A limited number of tickets may be available for purchase at the Registration Desk on-site at the meeting, but availability is not guaranteed.

Transportation for all Field trips and Local Tours departs from and returns to the main Lobby of the Convention Center.

General Meeting Information

STUDENT PROJECTIONISTS

Students who work up to 10 hours (2-3 sessions) as a projectionist can have their early student registration fees refunded. Experience with 35mm slide, overhead and LCD projectors is desirable but not necessary. In return for successfully serving as a projectionist for all assigned sessions during the meeting, the early student registration fee equivalent will be refunded. Fee waivers are not granted. Student projectionists must register for the meeting and pay the registration fees.

A mandatory training session will be held on Sunday, July 27 at 5:00 pm in the Convention Center.

If you are interested in serving as a student projectionist, Please fill out the enclosed "Application to Serve as a Student Audio-Visual Projectionist". Please submit your application by June 15, 2003.

POSTERS AND POSTER SESSION

Posters will be on display for the duration of the meeting in the Convention Center in the Ballroom from 9:00am to 5:00pm Monday thru Wednesday. Regular submission posters will fit onto bulletin Boards that are 4' tall and 8' wide. Recent topics posters will fit onto bulletin boards that are 4' tall and 4' wide. Materials may be secured with push pins, which will be provided.

Poster set-up time is Monday, July 28, from 8:00 am to 12:00 pm. Poster take-down time is Wednesday, July 30 from 2:00 pm to 5:00 pm. Poster Session for all societies will occur at the same time on Tuesday, July 29 from 12:30 pm to 2:00 pm.

Neither the Convention Center Management, nor Botany 2003 management, are responsible for any poster materials remaining after 5:00 pm on Wednesday, July 30.

CONTRIBUTED PAPERS AND SYMPOSIUM SESSIONS

All Contributed Paper and Symposium sessions will be held in the Arthur R. Outlaw Convention Center. A 35-mm slide projector, overhead projector, screen, pointer, and audio amplification equipment will be provided in all rooms. LCD projectors and computer stations will also be available, as standard presentation options.

AUDIO-VISUAL INFORMATION

Botany 2003 will again provide the opportunity for presenters to deliver computer-based presentations as a standard presentation option. Both 35mm slide and overhead projectors will also be available as standard options.

The Pentium III computers that will be provided within the Convention Center use Windows 2000 and Office 2000 suite including PowerPoint. The PowerPoint application will handle older versions as well as MacIntosh saved as a 2000 or earlier version file.

For computer presentations, files should be accepted on CD ROMs, 3.5 floppy or 100MB Zip media. A centralized network will not be available.

For specific technical questions regarding your presentation, please consult the meeting website. (www.botany2003)



Society and Association Events

The following society and group events require tickets. Tickets may be purchased in advance or on-site at the Registration area. Pre-paid event tickets will be included in the registration packet which will be distributed on-site at the Registration Desk in the Pyle Center. Event venues will be announced on the tickets and in the Program. A limited number of tickets may be available for purchase at the Registration Desk on-site at the meeting, but availability is not guaranteed.

Monday, July 28

7:00 am-8:30 am	ABLS Breakfast	\$15.00
12:00 pm-1:30 pm	AFS Luncheon	\$20.00
6:30 pm-10:00 pm	Paleobotanical Section Banquet and Auction	\$35.00

Tuesday, July 29

7:00 am-8:30 am	Missouri Botanical Garden Breakfast	\$15.00
11:30 am-1:00 pm	Economic Botany Luncheon	\$20.00
6:00 pm-10:00 pm	ASPT Banquet and Auction	\$35.00

Wednesday, July 30

7:00 am-8:30 am	Miami University of Ohio Breakfast	\$15.00
7:00 pm-9:30 pm	BSA Banquet	\$35.00

The Mobile Area

