

# [www.botany.org](http://www.botany.org)



## BOTANICAL SOCIETY OF AMERICA

*Mission: The Botanical Society of America exists to promote botany, the field of basic science dealing with the study and inquiry into the form, function, development, diversity, reproduction, evolution, and uses of plants and their interactions within the biosphere.*

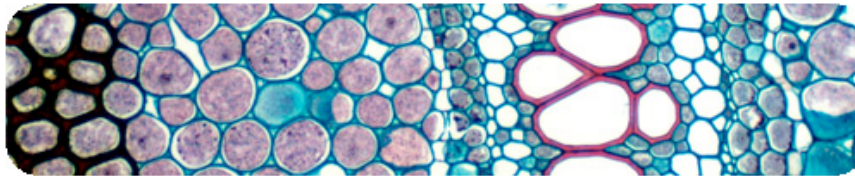
*The objectives of The Society are to: sustain and provide improved formal and informal education about plants and ecosystems; and foster communication within the professional botanical community, and between botanists and the rest of humankind through publications, meetings, and committees.*

### GENERAL INFORMATION

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Welcome to the website for the Botanical Society of America!

### SPECIAL ANNOUNCEMENTS for BSA Members

#### Botany 2005

- [Special Invitation to Student Attendees](#)
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- Now accepting "[Recent Topics Posters](#)"
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- [View the conference summary page](#)
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#### News and Announcements

- July [BSA Newsletter](#).
- BSA [Grant Opportunities Newsletter for July/August '05](#) is now available
- BSA [Career Opportunities](#) webpage.
- [Botany in the News](#) webpage

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## An Overview

- Brief History
- The BSA's 3M Focus
- Opportunities
- Image is Everything
- Current resources
- Examples
- Your thoughts.....

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## The BSA's 3Ms

- Meeting Mission
- Member Support & Services
- Member Recognition

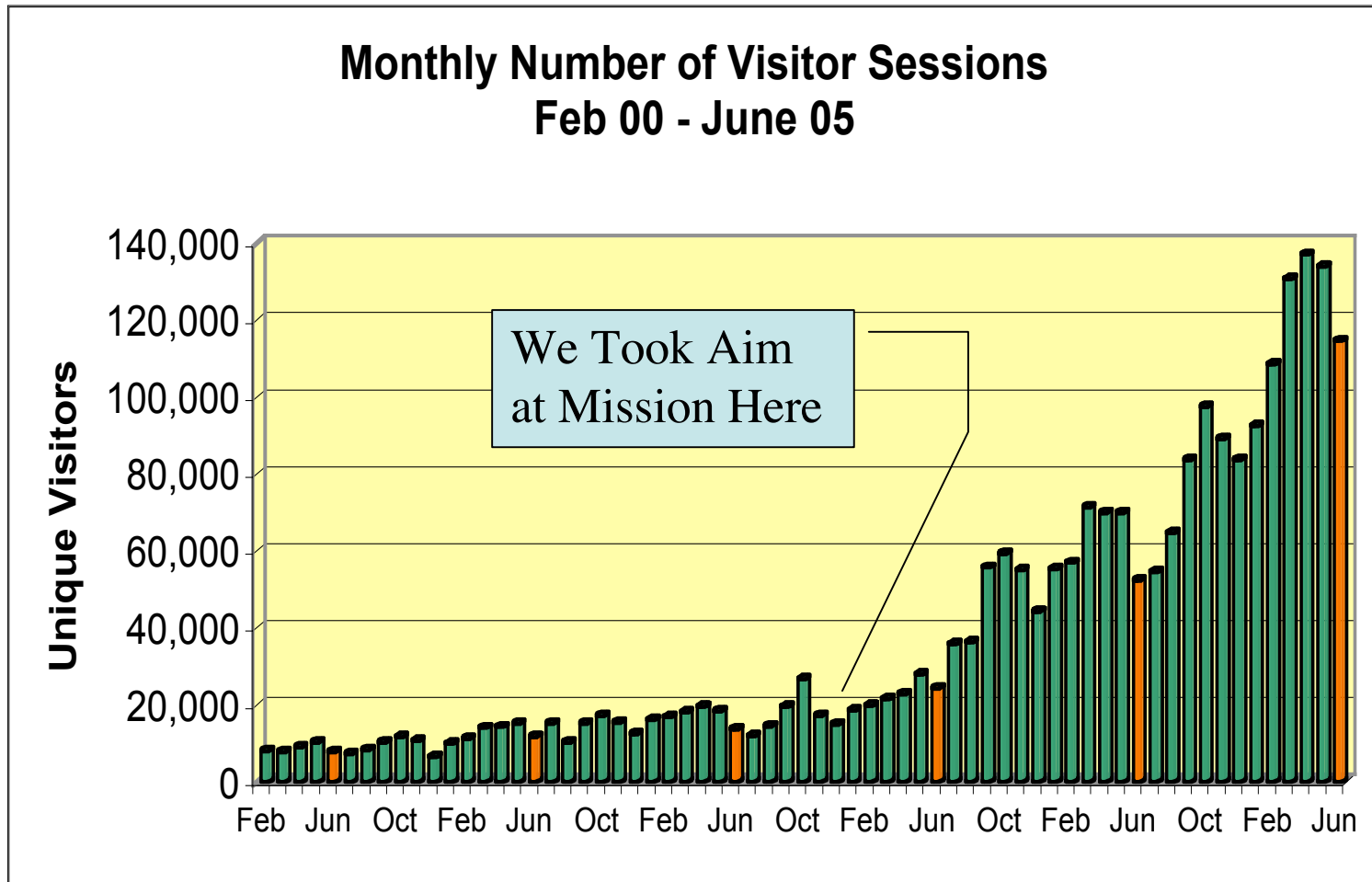
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## Mission

- Promote botany & plant awareness
- Sustain and improve education
- Encourage basic plant research
- Provide expertise, direction and position statements
- Foster communication

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# Mission



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## Member Services



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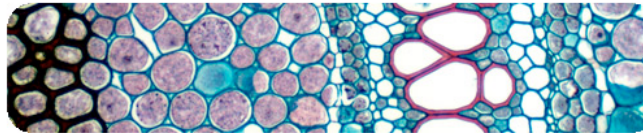
Member  
Information  
& Services

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## Member Services

- AJB Manuscript Submissions
- BSA Announcements, Awards
- BSA Governance, Sectional Information
- BSA Member Services, Member Directory
- BSA Newsletters, Notes and Reports
- AJB & PSB Archives (including JSTOR)
- If you need it, we'll see that you get it!

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# Member Services



## Member Logon Page

8/12/2005

### Dear Members

We have updated the "secure" components to the BSA website. Please login to the system using your current BSA Username (Membership ID Number?). Once inside you will be able to change the Membership ID number to the Username of choice.

We have also updated the membership renewal process. By logging into the system much of the initial part of the process will be completed for you based on the information currently in the BSA database. This has two purposes: 1) Make it as simple as possible for you to renew your membership. 2) Ensure our information is accurate and that when we send out the Plant Science Bulletin or the American Journal of Botany (or any other mail), it gets to you as intended.

Username:

Password:

Logon

### Forgot your login details?

Enter your email and they will be sent to you  
(if it matches the email we have on file):

Send Logon Info

### Need Help?

If you are having problems logging in, please contact [bsa-manager@botany.org](mailto:bsa-manager@botany.org) or call 314-577-9566

[Join the BSA](#)

Please note: We have a "cookie" system in place. If you have the cookie system activated on your computer you should only need to log into JSTOR once. The system does not work in accessing or updating your personal information.



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# Member Recognition

We are building our history.  
If you do something for the BSA,  
well make sure people can find it.



Google Search

☒ BOTANY.ORG ☐ AJB Archives ☐ PSB Archives  
☐ BSA Online Images ☐ Search WWW

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# Member Recognition



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## Web

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### [American Journal of Botany, 70, 8, September, 1983](#)

Pamela K. **Diggle**, Darleen A. DeMason. Abstract: Anatomical observations were made on 1-, 2-, and 3-yr-old plants of *Yucca whipplei* Torr. ssp. *percursa* ...

[www.botany.org/ajb/00029122\\_di001828.php](http://www.botany.org/ajb/00029122_di001828.php) - 33k - [Cached](#) - [Similar pages](#)

### [American Journal of Botany, 84, 2, February, 1997](#)

Pamela K. **Diggle**. Abstract: Preformation, the initiation of organs one or more years prior to maturation and function, is reported to be common and crucial ...

[www.botany.org/ajb/00029122\\_di001997.php](http://www.botany.org/ajb/00029122_di001997.php) - 38k - [Cached](#) - [Similar pages](#)

### [American Journal of Botany, 84, 3, March, 1997](#)

J. Phil Gibson, Pamela K. **Diggle**. Abstract: The evolution of gynodioecy from hermaphroditism involves modifications of floral structure such that male or ...

[www.botany.org/ajb/00029122\\_di001998.php](http://www.botany.org/ajb/00029122_di001998.php) - 37k - [Cached](#) - [Similar pages](#)

### [American Journal of Botany, 86, 11, November, 1999](#)

Amber Moody, Pamela K. **Diggle**, David A. Steingraeber. Abstract: *Mimulus gemmiparus* (Scrophulariaceae), a rare endemic of Colorado, has a novel life history ...

[www.botany.org/ajb/00029122\\_di015067.php](http://www.botany.org/ajb/00029122_di015067.php) - 41k - [Cached](#) - [Similar pages](#)

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**Web**

Results 1 - 10 of about 133 from **botany.org/plantimages** for **Jernstedt**. (0.19 seconds)

[BSA Plant Images Online - Capsella terminal cell divided ...](#)

Image Credit: Dr. Judy **Jernstedt**, University of California, Peter Romanov, ...

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[www.botany.org/plantimages/ImageData.asp?IDN=20-003](http://www.botany.org/plantimages/ImageData.asp?IDN=20-003) - 10k -

[Cached](#) - [Similar pages](#)

[BSA Plant Images Online - Lilium ovary xs showing megasporocytes](#)

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[BSA Plant Images Online - Lilium bud xs](#)

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# Member Recognition

## The Botanical Society of America Merit Award



The Botanical Society of America MERIT AWARD is the highest honor the Society bestows. The award was instigated at the 50th Anniversary Celebration of the Botanical Society in 1956. That year fifty awards were given to honor contributions to the botanical sciences spanning the previous half century. Below we begin to put together a web page in honor of past Merit Award recipients as we begin to add the richness of botanical history to our website. This page is under construction. Please bear with us as we bring the information forward.

- **Call for Award Nominations**
- 1956, 1957, 1958, 1959 ,
- 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969,
- 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979,
- 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989,
- 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999,
- 2000, 2001, 2002, 2003, 2004

### Requirements for Nomination

The selection of awardees is driven largely by nominations from the membership. Nominations should include: (1) a formal letter of nomination including a clear statement of (a) the notable accomplishments of the candidate; (b) disciplines that have been significantly influenced by the contributions of the candidate; (c) a list of potential referees willing to prepare letters of support and evaluation regarding the nominee's candidacy, with complete contact information (postal address, phone and e-mail address); and (2) the curriculum vita of the candidate being considered. [Click here for Merit Award Committee & Contact Details](#) and the [Call for Nominations](#).

## We are pleased to present the recipients of the Botanical Society of America MERIT AWARD

1956

Harry Ardell Allard



For his pioneer investigations of photoperiodism in plants and for his long-continued contributions to our knowledge of this phenomenon and to other areas of botanical science.

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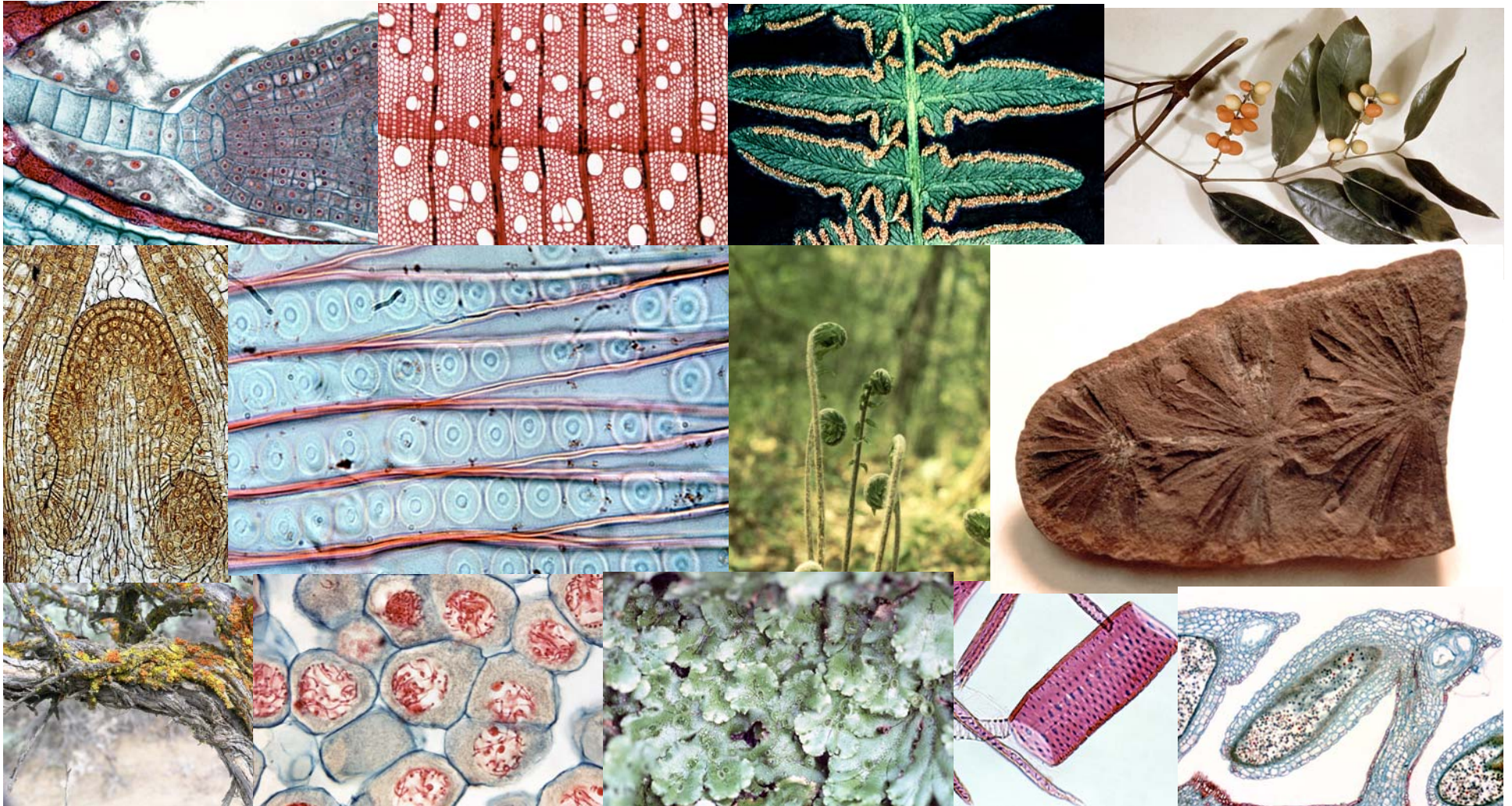
## Member Opportunities

- Update & Expand Image Collections
- Curriculum Resources
- Careers in botany
- Plant talking points
- Sip3
  - RESOURCES!



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# Images are Everything





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# But, Words Make the Science

2004 - Volume 91



**January**

Staminate inflorescences of  
*Arceuthobium pusillum*  
(eastern dwarf mistletoe,  
Viscaceae)



**February**

*Jubelina rosea*  
(Malpighiaceae) from French  
Guiana



**March**

Lichen-forming fungus  
*Peltigera praetextata*  
(Sommerf.) Zopf



**April**

Flowers of *Fuchsia ampliata*  
visited by a Sparkling  
Violetear Hummingbird (*Colibri*  
*coruscans*)



**May**

*Calopogon oklahomensis*  
(Orchidaceae)



**June**

*Tetraplasandra gymnocarpa*  
(Hillebr.) Sherff ovary  
development



**July**

Allotetraploids of *Tragopogon*



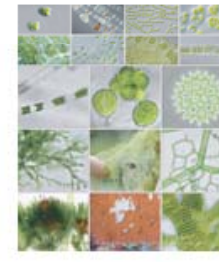
**August**

Moss species development on  
Summit stairway, Whiteface  
Mountain, New York



**September**

A hawk moth (*Basiotia*  
*schenki*, Sphingidae) visiting  
the night-flowering  
*Zaluzianskya natalensis* and a  
long-proboscid fly (*Prosoeca*  
*ganglbauri*, Nemestrinidae)  
visiting the day-flowering *Z.*  
*microsiphon*



**October**

These photographs of green  
algae represent the group's  
diversity of cellular  
architecture and growth  
habit.

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## Resources

- "The McIntosh Apple Development Project"
- "One Bad Apple: Synchrony in Ripening Fruit Project" and the
- "History of Cultivation of McIntosh Apples: A Research Project"
- We also have the autumn special – "Sailing Seeds: An Experiment in Wind Dispersal"
- "Gasping for Breath: Bottle Experiments with Mung Beans"



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## Careers in Botany



BOTANICAL SOCIETY OF AMERICA

### *Careers in Botany*

David M. Spooner - *BOTANIST*

USDA, Agricultural Research Service; Vegetable Crops Research Unit  
Professor,  
Department of Horticulture;  
1575 Linden Drive, Rm. 280  
University of Wisconsin-Madison;  
Madison, WI 53706 1-608-890-0309 office; 1-608-262-0159 laboratory; 1-608-262-4743 FAX  
Web: [http://www.horticulture.wisc.edu/faculty/faculty\\_pages/Spooner/spooner.php](http://www.horticulture.wisc.edu/faculty/faculty_pages/Spooner/spooner.php)  
Email: [dspooner@wisc.edu](mailto:dspooner@wisc.edu)

### *What an adventure, this is my career!*



Ever since I could remember all I ever wanted to be was a botanist. As a child I pretty much lived in the various woods near our home in southwestern Ohio, and knew every trail and creek bed by heart. I spent hours climbing trees, turning over rocks looking for snakes and salamanders, and fishing. I was always curious about what the plants were called. Another dream was to be a traveler, and I still remember our first-grade reader that showed a guy who parked his convertible on a hilltop, overlooking far away vistas. I am still searching for that book, but my grade school has no record of their 1954 first grade readers.

I experienced my first "botany class" in fourth grade, when our teacher gave us an assignment to make a leaf collection and identify the trees. My parents helped me find a tree identification book in the local library and I was hooked on taxonomy for life. My teachers showed me Peterson's Field Guide to the Eastern Wildflowers, and I eventually used illustrated keys in Weishaup and Braun's floras of Ohio, Stausbaugh and Core's Flora of West Virginia, and Voss's Flora of Michigan.

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## Plant Talking Points

- Present important topics in a way that brings them home
- Sectional developments

# www.plantbiology.org

The  
Research Projects

## *Sip*<sup>3</sup> Scientific Inquiry through *Plants*

Integrating original research, education and scientific mentoring.

Supported by the



The Online  
Forum Bringing  
Everything  
Together



### Research TOPICS

The Wonder of Seeds

### Participating Schools

- The Bush School
- Pershing County High School
- Emporia State University
- Sisters Middle School

### Sip<sup>3</sup> Main Menu

- Home
- My Account
- Administration
- Logout

### Online

0 unregistered users and  
1 registered user on-line.

You are logged-in as  
**bdahl**.

The Students  
&  
Educators

### Welcome to our Preview

Welcome! Please pardon our dust while we are developing the site in anticipation of showing it at Botany 2005.

### Scientific Inquiry through Plants!

Thank you for searching deep enough to be touched by our vision and to see the potential we believe integrative scientific mentoring has to offer. We'd love to hear your comments and ideas for assisting the project.

Over the next five years we will change the meaning of "Science Education" for many people. While looking around the site, we'd also like you to consider how you can participate and/or assist our efforts.

In late August 2005, Sip3 will be a fully functional site. At present you are viewing a preview. We didn't want you to miss anything.

The evolution from last year's pilots is dramatic. We have incorporated many of the options and safety features students, teachers, scientists and the development committee suggested. We will be reviewing these options/features at our next meeting at the Botany 2005 Educational Forum in Austin, Texas August 12-13. We will pilot the new site this fall and open it to full participation in January 2006. If your class is interested in participating in the fall pilots or the 2006 launch, please email us at: sip3@botany.org.

To say we are excited about the possibilities in front of us, would be a vast understatement.

Remember, real science is a verb, not a noun! Get involved for real change.

If you are new to Sip3, welcome!! We look forward to your involvement. For those of you who have been a part of the program from the beginning, thanks for your continuing participation and support! Your thoughts, comments and hard work have made it all possible.

Sincerely,

Bill Dahl

The  
Scientists

Resources

### Week



David Spooner - BSA  
Secretary

**What an adventure,  
this is my career!** -  
[Click here](#)

### Meet the Sip<sup>3</sup> Scientists

[Click here.](#)

### Sip<sup>3</sup> Resources

- Instructor Resources
- Student Resources

### Sip<sup>3</sup> Resources

[Instructor's Materials](#)

[www.botanyconference.org](http://www.botanyconference.org)



***Learning From Plants***

***August 13 - 17, 2005***

***Austin, Texas***



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Scientific Meeting

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## Botany 2005 Electronic Abstract Site Overview

Access to electronic abstracts submitted to the various index pages listed for each [special address](#), [symposium or colloquium](#), disciplinary [section and society](#), [recent topics poster](#), [education forum sessions](#) and [discussion sessions](#).

### Overview

Total	Special	Papers	Posters	Symposia	Education	Discussion					
524	6	283	136	73	18	8	PRESENTING AUTHOR	TITLE	AUTHORS	KEYWORDS	PROGRAM

### Special Addresses

	ABSTRACT	PROGRAM
1. Plenary Address	ABSTRACT	PROGRAM
2. Forum Keynote Address	ABSTRACT	PROGRAM
3. Address of the BSA President-Elect	ABSTRACT	PROGRAM
4. Annals of Botany Lecture	ABSTRACT	PROGRAM
5. Regional Botany Special Lecture	ABSTRACT	PROGRAM
6. Pelton Award Lecture	ABSTRACT	PROGRAM

Let's go to the web

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