

# *Botanical Society of America*

## **2002 Annual Reports**

### **I. Reports of Executive Committee, Editors, Webmaster**

---

#### **President's Report, 2001-2002**

##### **Items of Major Import:**

Retirement of Kim Hiser, BSA Business Manager, effective November 30, 2001. Temporary reassignment of responsibilities amongst Treasurer, CPA, Secretary, and Business Office staff.

Invitation from Peter Raven to locate BSA headquarters at the Missouri Botanical Garden, site visit Jan. 1-2, 2002, with Pres.-Elect Scott Russell, agreement between BSA and MBG signed March 21, 2002.

Renewal of MOU with Department of Plant Biology at Ohio State University, to house Meetings Office and Meetings Manager.

Job description, advertising and search for first BSA Executive Director; interviews to be held in Madison at Botany 2002; appointed Search and Screening Committee.

Agreement with Daniller + Co. for fundraising consultation, David Northington principle contact.

Appointment of joint *ad hoc* committee with American Association of Botanic Gardens and Arboreta (AABGA) to explore ways of collaboration and cooperation.

Appointment of Centennial Planning Committee.

Reconsideration of institutional subscription rates for the online *American Journal of Botany* .

##### **Specific Items:**

Letters:

- letter to Sens. Boehner and Kennedy re. Santorum resolution
- letter to Science Serials Librarians about AJB institutional subscription increase
- Fall Letter to membership
- Spring Letter to membership
- e-mail to membership about Botany 2002 deadlines, Society news
- letters to Ohio State Board of Education about biology curriculum
- letter to Editor of Martha Stewart KIDS magazine re. botanical errors in article
- letter to *Mycologia* editor about mycologists and the BSA
- congratulations to Sherwin Carlquist on Linnean Medal
- letter to Monocots III organizers about BSA support

Assisted with invitations for plenary lecture for Botany 2002  
 Requested Conservation Committee examine proposed changes in APHIS regulations

Electronic discussions with President of Latin American Botanical Congress about BSA support and involvement  
 Discussion with Ralph Quatrano about joint or overlapping meeting in St. Louis with ASPB

Approached Society for the Study of Evolution about joint meeting with BSA  
 Approached Mycological Society of America Pres.-Elect John Taylor about possible joint meeting

Approached CBA/ABC about joint meeting in 2005

Sent Charles Rick obituary and permission to publish to PSB

Wrote article for PSB about Kim Hiser's retirement

Responded to inquiries from BSA members and the public about topics botanical (or sort of), including science fair projects, careers in botany, anti-cancer plants, eye irritation in children possibly related to bud scales, plant ID in the Solomon Islands, Harriet Creighton photograph, clover leaf morphology, juvenile growth in conifers, etc.

Signed agreement for JSTOR revenue sharing

Note to Mrs. John (Paige) Karling

Invitation to Peter Raven to deliver special lecture at Botany 2002

Requested textbook donation for banquet door prizes

Phone interview with St. Louis Post-Dispatch about BSA move to St. Louis

Phone interview with Columbus Dispatch about BSA at OSU

Personnel Issues:

- Completed Performance Review of Kim and Johanne, Oct. 2001
  - Initiated 2002 Performance Review of Johanne at Spring EC meeting, needs to be completed
- Discussion of hiring policies at MoBot, benefits, salary scales

AJB, Editor-in-Chief

- Requested names and rationale for nominations for Editorial Board

- Dealt with issues regarding electronic Letters to the Editor

Travels:

- Ohio State Univ./Business Office visit, October 17-19, 2001
- CSSP Meeting, Washington, D.C. Nov. 16-19, 2001- discussion focused on what scientists can do to combat terrorism, importance of science education, promoting diversity in science at all levels of training
- Site visit to MoBotGard with Scott Russell, Jan. 1-2, 2002
- Spring EC meeting, MBG, St. Louis, April 4-7, 2002
- Interview with Exec. Dir. candidate (Ed Schneider present also), LAX, June 16, 2002

**Items Pending:**

- Relocate BSA website, servers, domains (to MBG?)
- Complete Performance Review for Meetings Manager, Johanne Stogran
- Organize Plenary Symposium with participating societies' Past-Presidents for Botany 2003, Mobile, 27-31 July
- Assist with move to St. Louis
- Continue to work on fundraising campaign with Daniller + Co.
- Continue to work on BSA Centennial, 2006

Respectfully submitted,

Judy Jernstedt, President  
Botanical Society of America

---

**Past President's Report, 2002**

**Committee on Corresponding Members:** this committee did not function this year as there is a full complement of Corresponding Members at present, and no new ones were to be added.

**Elections Committee:** As Chair of the Elections committee, I initiated solicitation for nominations, the committee established a list of potential nominees, these were contacted and a roster of candidates prepared. The nominees for President-Elect were Linda Graham and Loren Reiseberg, and the nominees for Program Director were Jeff Osborn and W. Carl Taylor.

**Plenary Speaker:** After several tries, I invited Dr. Martin Apple, President of the CSSP (Council of Scientific Society Presidents) to be Plenary Speaker for Botany 2002. It is a good idea to start at least a year ahead on finding a Plenary Speaker. In the process we also invited Peter Raven to give a Special Lecture, and I invited Neil Campbell to be Speaker at the Forum.

**Plenary Symposium:** In consultation with the President's of participating societies in Botany 2002, the theme for the Plenary Symposium was selected to be "Evolution-highlighting plants". This is appropriate since plants provide many important insights into the pattern and process of evolution, and frequently are overlooked when examples of evolution are sought for teaching or research. Speakers for the symposium include: Dr. Michael Donoghue (systematic/phylogenetic perspective), Yale University, Dr. Loren Rieseberg, Indiana University (microevolution, processes, speciation), Dr. Gar Rothwell, Ohio University (contribution of the fossil record), Dr. Todd Vision, University of North Carolina at Chapel Hill (genome level evolution), and Dr. Anj Petto, University of the Arts (Evolution in the classroom).

**Young Botanist's Awards:** Patricia G. Gensel, Todd Vision

Fourteen students were nominated for Young Botanist's Awards. After considering these, we determined that eight merited the Certificate of Special Achievement and 6 the Certificate of Recognition. Following is a list of the awardees, their institution, and primary nominator.

Young Botanist Awardees for 2002: Certificate of Special Achievement

Name	Institution	Nominator
Carolyn Reilly	Ohio University	Dr. John Mitchell(Chair, Nom. Comm.)
Anna Sherwood	Washington State Univ.	Dr. Pam Soltis
Eva Hager	Miami University, Ohio	David Francko, Dept. Chair
Sabrina Byrum	Miami University, Ohio	David Francko, Dept. Chair
Katie Kettler	Miami University, Ohio	David Francko, Dept. Chair
Ryan Blenkush	Univ. Calif., Davis	Dr. James H. Richards
Selena Smith	Univ. Alberta	Dr. Ruth Stockey
Stephen Reynolds	James Madison University	Dr. Conley K. McMullen

**Certificate of Recognition**

Cary S. Miller	Ohio University,	Dr. John Mitchell(Chair, Nom. Comm.)
Shannon Beach	Univ. of Illinois	Dr. Janice Coons
Pieter Badenhorst	Southern Ill. Univ.	Dr. Barbara Crandall-Stotler
Andrew Ertley	Miami University	Dr. David Francko, Chair
Karl Gustafson	Miami University	Dr. David Francko, Chair
Mark Tancig	University of Florida	Dr. Doug Soltis

Respectfully submitted,

Patricia G. Gensel, *Past-President*  
Botanical Society of America

---

### **President-Elect's Report, 2002**

The major responsibilities of the President-Elect are: (1) to appoint committees that will be activated at the close of this meeting, (2) to prepare a banquet address for the BSA banquet, (3) prepare to take office and (4) perform demised duties as assigned by the President. Reports on these activities are available elsewhere or will be evident by the close of this meeting. In addition to these activities, I have also been involved in the decisions of the BSA to move its business office to Missouri Botanical Garden facilities in St. Louis, Missouri, which will occur soon. I also serve as a member of the search committee to name the BSA's first Executive Director and will serve as president when the Executive Director starts. Among my demised duties have been serving as liaison to libraries during the transition of the American Journal of Botany Online to controlled access. These discussions resulted in improved long-term strategies to achieve competitive pricing for the journal that will allow it to continue to flourish. In upcoming years, we have connections that we can use to continue to gather data on the impact of subscription increases.

Respectfully submitted,

Scott Russell

---

## **BOTANICAL SOCIETY OF AMERICA**

### **Secretary's Annual Report, 2002**

I served as the Society's Secretary at the BSA Annual Meeting in Albuquerque, NM, Saturday, Aug. 11 through Thursday, Aug. 16, 2001. In this capacity I took minutes at the Executive Committee meetings Saturday night and Thursday morning, at the BSA Council meeting on Sunday, and at the BSA Business meeting on Tuesday. In addition, I served as the recorder for the BSA Strategic Planning meeting on Thursday, Aug. 16, and summarized and distributed to the meeting participants the results of this planning exercise. I also prepared the announcements for the Society Awards presented at the BSA Banquet. The award descriptions and winners were given to *PSB* Editor Marsh Sundberg and published in the Plant Science Bulletin, as were the BSA Council reports.

I participated in, took notes, and distributed summary minutes from the spring Executive Committee meeting in St. Louis, OH, April 5-7, 2002. I participated in the on-going Executive Committee discussions and decisions on BSA business, which occur via e-mail throughout the year. I also responded to inquiries and correspondence directed to the BSA Secretary. I sent out reminders to Committee members concerning deadlines for their Committee work. I have worked with Marsh Sundberg and Jeff Osborn to develop ideas for affiliated society memberships and begun to organize re-writing the Duties of Officers handbook.

With the help of Webmaster Scott Russell, I collected the annual reports of the Executive Committee, the BSA Council members, and the Committee Chairs, compiled the reports, and posted them on the BSA webpage. I helped President Judy Jernstedt and President-elect Scott Russell plan the agendas for the 2002 BSA Council and Business Meetings and the agenda for the BSA Banquet, as well as the agendas for the pre- and post-meeting Executive Committee meetings.

Respectfully submitted,

Jennifer H. Richards, *Secretary,*  
*Botanical Society of America*

---

Treasurer

---

**ANNUAL REPORT – 2001-2002**  
**PROGRAM DIRECTOR, BOTANICAL SOCIETY OF AMERICA**

Presented at the Botanical Society of America Council Meeting  
August 4, 2002 • Madison, Wisconsin

**GENERAL PLANNING FOR BOTANY 2002**

I worked closely with the BSA Meeting Manager, Johanne Stogran, on an array of planning issues.

**PLANNING VISIT FOR BOTANY 2002**

In November 2001, I attended a planning visit at the site of the Botany 2002 conference in Madison, Wisconsin. The meeting was very useful for planning Society functions, viewing potential meeting sites, and for meeting with the BSA Local Representative, Ray Evert, as well as with the program chairs and local representatives

from other participating societies. We visited the Pyle and Lowell Conference Centers, other campus buildings, and a variety of local botanical and scientific sites. The site visit was coordinated by the BSA Meeting Manager, Johanne Stogran.

## **COORDINATION OF THE SCIENTIFIC PROGRAM FOR BOTANY 2002**

COMMUNICATION WITH PROGRAM CHAIRS AND SYMPOSIUM ORGANIZERS. The BSA Program Director coordinates the scientific program with the help of the sectional/participating society Program Chairs. The symposium organizers plan the sequence of presentations within their own symposia and then forward the symposia programs to the sponsoring sections for scheduling. To coordinate these activities, the sectional/society Program Chairs and the symposium organizers were sent several mailings that provided detailed instructions and a timeline for preparation and submission of their programs.

CALL FOR SYMPOSIA. The "Call for Symposia" for Botany 2002 was distributed in the BSA-wide Spring 2001 mailing and posted on the Botany 2002 web site. The deadlines for submissions were early-July and mid-September, 2001. Proposals were submitted on-line using the electronic submission form. Symposium proposals were forwarded to sectional officials for approval of sponsorship.

CALL FOR PAPERS. The "Call for Papers" for Botany 2002 was distributed in the BSA-wide Fall 2001 mailing and posted on the Botany 2002 web site. The "Call" was also sent to the Program Chairs of participating societies for their use. The deadline for submissions of abstracts was April 1, 2002, one month later than in previous years.

ELECTRONIC SUBMISSION OF ABSTRACTS. The electronic submission process worked very well again in 2002 (the fourth time it had been used for an annual meeting), and all abstract submissions for Botany 2002 were made on-line. All abstracts and other relevant information (keywords, author names and affiliations, titles, potential conflicts with other presentations, etc.) were archived in separate electronic databases that the Program Chairs could access and download to construct their programs. The BSA Webmaster, Scott Russell, developed and organized the electronic site, and he made several improvements to site for 2002.

ABSTRACT VOLUME. The abstracts for Botany 2002 will be printed in a separate volume and included in the registration binder along with the final Program, which will be distributed on-site at the conference. This will be the second year that the Abstracts have published in this way, and not as a supplement to the *American Journal of Botany*. Moving the abstracts out of the *AJB* is one reason that the deadline was able to be pushed back. I coordinated the design and layout work for the volume, as well as the proofing. There will be 710 abstracts published in the volume; however, these do not represent all conference presentations (see 'Summary Information' below).

FINAL PROGRAM. The deadline for submission of sectional/participating society programs was late April 2002. The Program Chairs deserve much credit for organizing and submitting their programs. The sectional/society programs, as well as all BSA-wide and conference-wide functions were organized into a comprehensive, conference-wide format. Session information was then submitted to the BSA Meeting Manager, Johanne Stogran, for room assignments. I then coordinated the design and layout work for the final Program.

NEWS COVERAGE. The news divisions of four national periodicals, *Science* magazine, *National Geographic*, *TheScientist*, and *Science News* were contacted with information about Botany 2002 and an inquiry about obtaining news coverage. At this date, reporters from *National Geographic* and *TheScientist* will be attending. A press release about Botany 2002 was also prepared for distribution to local and regional news outlets.

### **THE SCIENTIFIC PROGRAM FOR BOTANY 2002**

All BSA disciplinary Sections have some function(s) scheduled at Botany 2002 except for the Bryological and Lichenological Section (ABLS is meeting independently in 2002) and the Mycological Section. However, the Mycological Section is a co-sponsor of one symposium. Detailed schedules for the sectional programs are presented in the final Program, and summary information for the number of presentations and sessions for the entire conference is presented below.

Total number of presentations .....	748
Talks.....	570
Contributed papers .....	443
Symposium presentations .....	121
Special lectures and addresses .....	6
Posters.....	176
Regular submissions .....	143
Recent Topics.....	33
Discussion Sessions .....	2
 Total number of sessions .....	 61
Contributed Papers.....	43
Symposia / Colloquia .....	13
Special Lectures .....	2
Posters.....	1
Discussion Sessions .....	2

### **THE FORUM PROGRAM FOR BOTANY 2002**

This year's inaugural Forum, focusing on botanical education and outreach, will begin on Friday evening, August 2, with early registration and an welcoming reception.

The main FORUM program will occur on Saturday, August 3, with a Keynote Address by textbook author Dr. Neil Campbell titled “Botany Education in our Schools and Colleges: An Optimistic Forecast,” and 23 one-hour sessions, including two on funding opportunities available at the National Science Foundation (NSF). The individual sessions are grouped within five topical themes, or ‘threads,’ that span the Forum program, and these have been scheduled such that those from the same thematic thread don’t overlap at the same time slot. A range of topics will be addressed in interactive panel and roundtable discussions, breakout groups, as well as informational sessions.

On Sunday, August 4, the Forum is formally linked to the annual scientific meeting via workshops and field trips, for which attendees register separately. Sixteen hands-on workshops are available as two-hour, half-day, and full-day events. Two workshops are sponsored by the NSF and the Deep Gene Research Coordination Network, and these are free to registrants.

Although the principal focus of the Forum is undergraduate education and related outreach, K-12 teachers have been encouraged to participate, and several hands-on workshops are targeted for K-12 educators.

The Forum is sponsored in part by the National Science Foundation (NSF), Project Kaleidoscope (PKAL), the Council on Undergraduate Research (CUR), the Deep Gene Research Coordination Network, and Prentice Hall publishers.

#### **FUTURE ANNUAL MEETINGS**

2003 – MOBILE, ALABAMA. Botany 2003 will be held from July 26-31, 2003 in Mobile, Alabama. In addition to the BSA, other societies participating in the conference will include: the American Bryological and Lichenological Society (ABLS), the American Fern Society (AFS), and the American Society of Plant Taxonomists (ASPT). The theme for the conference is “Aquatic and Wetland Plants: Wet & Wild,” and a logo has already been designed. In addition, Harvard biologist E. O. Wilson has accepted an invitation to deliver the Plenary Address.

*Calls.* The “Call for Symposia,” “Call for Workshops,” and “Call for Field Trips” for the 2003 Annual Meeting were distributed in the BSA-wide Spring 2002 mailing and posted on the Botany 2003 web site. Copies of these “Calls” were also sent to the Program Chairs of participating societies. Deadlines for submissions of on-line proposals are as follows: Symposia (July 15, 2002 for the Paleobotanical and Systematics Sections, and September 15, 2002 for all other Sections); Workshops and Field Trips: (October 15, 2002). The “Call for Papers” will be distributed in the BSA-wide Fall 2002 mailing, as well as posted on the web site.

2004 – SNOWBIRD, UTAH. Botany 2004 will be held at the Snowbird Conference Center in Snowbird, Utah from August 1-5, 2004. Programmatic Planning for this meeting has not begun in any significant way, but a Plenary Speaker will soon be invited.

2005 – Location not yet determined. 2005 is also the year of the next International Botanical Congress (IBC), and this may affect our annual meeting registration nos.

2006 – Location not yet finalized. This is the BSA’s Centennial year, and we’re hopeful that the conference will be held at one of the Society’s founding institutions. In addition, special programming will be included in the conference to celebrate the Societies 100 years.

Respectfully submitted,

Jeffrey M. Osborn

***The American Journal of Botany***

August 15<sup>th</sup> 2001 – July 15<sup>th</sup> 2002 Annual Report

1. Publication status		Year	MS Received			
Total Pages	Publications					
		<b>2001 – 2002</b>		<b>356</b>		
		<b>2,189<sup>1</sup></b>	<b>232<sup>2</sup></b>			
		2000 – 2001		347		
		2,184	224			
		1999 – 2000		325		
		1,804	189			
		1998 – 1999		301		
		1,820	181			
		1997 – 1998		325		
		1,802	212			
		1996 – 1997		323		
1,728	181					
		1995 – 1996		325		
1,618	176					
2. Manuscript status		<b>2001–2002</b>	2000–2001	1999 – 2000	1998 –	
1999	1997 – 1998	1996 – 1997	1995 – 1996			
	Accepted or at <i>Allen Press</i>		<b>116</b>	147	166	113
105	92	95				
	Out for review		<b><u>110</u></b>	<u>45</u>	<u>47</u>	<u>73</u>
<u>68</u>	<u>42</u>	<u>46</u>				

	total	2001–2002	2000–2001	1999 – 2000	1998 – 1999
173	134	141			
3. Production schedule					
1999	1997 – 1998	1996 – 1997	1995 – 1996		
	Receipt to final editorial decision				
	excluding split reviews	<b>1.2</b>	1.1	1.2	1.1
1.0	including split reviews	<b>2.1</b> <sup>4</sup>	3.5	7.4	6.9
6.7	Receipt to publication	<b>4.5</b> <sup>5</sup>	7.4	8.3	7.7
7.5					

<sup>1</sup> On average, 182 pages per issue; 19.9 papers et al. per issue; 9.4 pages per paper (decline in the length of papers, e.g., 9.8 pages per paper in 2000 – 2001).

<sup>2</sup> 225 research articles; 8 brief communications; 3 special papers. An additional 7 book reviews were published. Total = 239 manuscripts.

<sup>4</sup> ~17% of all manuscripts received a ‘split decision’; 54% of all of these manuscripts were accepted; rejection rate for all manuscripts, on average, was ~ 41%.

<sup>5</sup> Receipt of final manuscript to appearance in print. Time from submission to appearance in print ~ 11.5 months due to delay of authors providing revised manuscripts for 3<sup>rd</sup> review

or final manuscripts after successful first round of reviews. The time to appearance in print is governed by the number of manuscripts published per issue not by the efficiency of journal staff.

4. Highlights: Backlog of manuscripts reduced significantly since the adoption of new signatures. Turn-around time from receipt of final manuscripts to appearance in print reduced by ~60% (compared to August 2000 – July 2001). Special Papers and book reviews have not been actively solicited, although we continue to look for excellent SPs and will continue to publish reviews of important new books. Citation Index ranking of the *AJB* increasing. *AJB* has been mentioned in *Science*, *Nature*, and *Science News*.

5. Recommendations: Maintain current issue-size. Maintain manuscript backlog at ~100 manuscripts. Target 6–8 months as optimal turn-around time from submission to appearance in print. Maintain average manuscript length by continued rigorous review, encouraging authors to reduce length, and discourage publication of large data sets, voucher tables, and similar materials in bound-copy. Shift readership from bound- to electronic-copy. Support request for staff annual salary increments. Hire a copy editor at junior level (one of our staff has left for health reasons). Reduce institutional and individual subscription rates in developing countries (as defined by *NATO*). Raise an endowment for the *AJB*. Increase advertising in the *e-AJB*. Appoint *AJB* editor-in-chief as a non-voting member of the *BSA* EC.

Respectfully submitted,  
Karl J. Niklas  
Editor-in-Chief, *AJB* (kjn2 @ cornell.edu)

---

## 2002 Editor's Report, *Plant Science Bulletin*

### Volume 47

1. Four issues, 180 pages, were published on schedule. This was 40 pages more than the previous volume. Half of this increase was due to an expanded annual reports section (Secretary Richards has been very successful in obtaining reports from almost all sections and committees). The press run was 4500 copies, 100 fewer than volume 46. It was distributed quarterly, packaged with the *American Journal of Botany*.
2. Production cost for volume 47 was \$14,301.37
3. Feature articles included:
  - Toward a Theory of Plant Blindness 47(1)
  - Ethics in Science: Preparing Students for their Career 47(2)
  - Educational Program about Wildland Fire Integrates Plant Science into Curriculum 47(3)
  - The E.A. McIlhenny Natural History Collection 47(4)
4. 160 books, CD's and Videos were received for review; 83 reviews were published. In previous volumes only about 1/3 of the books received were reviewed; we would like to maintain at least 50%.
5. Both PDF and HTML electronic versions are posted on the BSA web page.

### Volume 48

1. Two issues, 76 pages, have been published on schedule. The press runs were 3800 copies 48(1) and 4000 copies 48(2). The fall issue is in preparation. Mailing continues to be with *American Journal of Botany*.
2. Production cost for volume 48 (1&2) is \$5511.60.
3. Feature articles included:
  - Why Botany;? The Future of Botany at the Undergraduate Level; Preparing a Grant Proposal for NSF 48(1)
  - Reflections; Some Practical Bioethics for Botanists 48(2)

Upcoming articles will include: a response to “Plant Blindness;” articles on the Sarah P. Duke Gardens and Bellingrath Gardens (the latter as a promotion of our Mobile meeting in 2003).

4. 55 books have been received for review; 35 reviews were published.

Individuals interested in submitting lead articles or in suggesting future article topics should contact the editor.

Respectfully Submitted,

Marsh Sundberg, *Editor,*  
*Plant Science Bulletin*

---

### Webmaster's Report – 2002

**Total page requests:** Total hits: 1,644,458 hits (from March 4, 1997 through June 30, 2002). There were 571,948 in 2001 and so far 292,832 in 2002 (projection: 585,664), up 2.4%.

**Main BSA Site ([www.botany.org](http://www.botany.org)):** In June 2002, there were 40,827 page requests, with logins from 13,719 distinct hosts, 2.275 Gbytes (77.657 Mbytes/day) downloaded from the main BSA site, 84 countries, 2,519 distinct files and 169,798 individual requests (one day over 2,000; five days under 1,000). Busiest day of the month: 20/Jun/02 (2,153 requests for pages). **All-time highs include:** 69,982 page requests (August 2001), 2.275 Gbytes (77.657 Mbytes/day) downloaded from the main BSA site (June 2002), and 240,853 individual requests (April 2002), 97 countries (November 2001), number of distinct hosts: 19,432 (April 2002), distinct files requested: 3,030 (September 2001). The second highest number of countries visiting was 94 (May 2002). The seven busiest days have been in August 2001: 3/Aug/01: 4459, 4/Aug/01: 4795, 5/Aug/01: 5799, 6/Aug/01: 5747, 7/Aug/01: 7154, 8/Aug/01: 5934

Requests from the following 84 countries were received in June 2002 (in decending numbers of requests): Germany, Australia, Canada, United Kingdom, Belgium, Netherlands, France, Japan, Spain, Poland, Brazil, India, Italy, Mexico, Singapore, Switzerland, Argentina, New Zealand, South Africa, Portugal, Thailand, Turkey, Greece, Israel, Costa Rica, Finland, Sweden, Austria, Bhutan, Taiwan, Egypt, Philippines, Russia, Lebanon, China Denmark, Dominican Republic, Chile, Hungary, Czech Republic, Malaysia, Belize, Norway, Colombia, Cayman Islands, Croatia, Venezuela, Ireland, Peru, Romania, Botswana, Hong Kong, Saudi Arabia, Lithuania, Panama, Cyprus, Guatemala, Slovakia, Trinidad & Tobago, Yugoslavia, Ukraine, Pakistan, South Korea, Iceland, Estonia, Mauritius, Uruguay, Burkina Faso, Bulgaria, Indonesia, Nepal, Former USSR,

Slovenia, Sri Lanka, Cuba, Saint Lucia, French Polynesia, Rwanda, Cocos Islands, Oman, Latvia, Jordan, Brunei Darussalam, and Belarus.

A total of 156 countries outside the U.S. have been logged on the BSA website, from January 1998 to the present (up from 141 last year). Here is an alphabetical list of the countries: Albania, American Samoa, Antigua & Barbuda, Argentina, Armenia, Aruba, Australia, Austria, Azerbaidjan, Bahamas, Bahrain, Barbados, Belarus, Belgium, Belize, Bermuda, Bhutan, Bolivia, Bosnia-Herzegovina, Botswana, Brazil, Brunei Darussalam, Bulgaria, Burkina Faso, Cambodia, Canada, Cayman Islands, Chile, China, Cocos [Keeling] Islands, Colombia, Cook Islands, Costa Rica, Croatia, Cuba, Cyprus, Czech Republic, Denmark, Dominican Republic, Ecuador, Egypt, Eritrea, Estonia, Ethiopia, Faroe Islands, Fiji, Finland, Former USSR, France, French Guiana, Georgia, Germany, Ghana, Gibraltar, Greece, Guam (USA), Guatemala, Guyana, Honduras, Hong Kong, Hungary, Iceland, India, Indonesia, Iran, Ireland, Israel, Italy, Ivory Coast, Jamaica, Japan, Jordan, Kazakhstan, Kenya, Kuwait, Kyrgyzstan, Latvia, Lebanon, Lesotho, Lithuania, Luxembourg, Macau, Macedonia, Madagascar, Malaysia, Malta, Martinique, Mauritius, Mexico, Micronesia, Moldavia, Moldova, Mongolia, Namibia, Nepal, Netherlands, New Caledonia (French), New Zealand, Nicaragua, Nigeria, Niue, Norway, Oman, Pakistan, Panama, Papua New Guinea, Paraguay, Peru, Philippines, Poland, Polynesia (French), Portugal, Puerto Rico, Qatar, Romania, Russia, Russian Federation, Rwanda, Saint Lucia, San Marino, Saudi Arabia, Senegal, Sierra Leone, Singapore, Slovak Republic, Slovakia, Slovenia, Solomon Islands, South Africa, South Korea, Spain, Sri Lanka, Suriname, Swaziland, Sweden, Switzerland, Taiwan, Tanzania, Thailand, Togo, Tonga, Trinidad & Tobago, Turkey, Turkmenistan, Uganda, Ukraine, United Arab Emirates, United Kingdom, Uruguay, Vanuatu, Venezuela, Vietnam, Virgin Islands (USA), Yemen, Yugoslavia, Zambia, and Zimbabwe.

Access statistics are available for the following BSA domains from the BSA home page: BSA Main Site = <http://www.botany.org/>; BSA Images = <http://images.botany.org/>; Botany 2000 (meeting site) = <http://www.botany2000.org/>; Botany 2001 (meeting site) = <http://www.botany2001.org/>; Botany 2002 (meeting site) = <http://www.botany2002.org/>; Botany 2003 (meeting site) = <http://www.botany2003.org/>; BSA Announcements site = <http://announce.botany.org/>; AJB Supplemental Data site = <http://ajbsupp.botany.org/>; McIntosh Apple Development site = <http://mcintosh.botany.org/>.

Here is a summary chart of activity for selected domains and sub-domains. Usage figures are pages viewed followed by volume of data downloaded in MB (megabytes) or GB (gigabytes). Highest usage months are indicated by a hash mark (#).

2 0 0 1					
Month	BSA Main Site	BSA Images	Botany 2000	Botany 2001	Announcements
January	<a href="#">44,914 [1.019 GB]</a>	<a href="#">4,844 [1.909 GB]</a>	<a href="#">408 [110.565 MB]</a>	<a href="#">1,261 [64.072 MB]</a>	<a href="#">2,984 [30.908 MB]</a>
Feb	<a href="#">50,481 [1.108 GB]</a>	<a href="#">4,940 [2.247 GB]</a>	<a href="#">472 [299.721 MB]</a>	<a href="#">2,365 [147.11 MB]</a>	<a href="#">2,772 [29.717 MB]</a>
March	<a href="#">42,016 [1.187 GB]</a>	<a href="#">5,942 [2.526 GB]</a>	<a href="#">447 [581.574 MB]</a>	<a href="#">2,272 [898.62 MB]</a>	<a href="#">3,294 [35.766 MB]</a>
April	<a href="#">41,153 [1.257 GB]</a>	<a href="#">5,518 [2.77 GB]</a>	<a href="#">309 [522.087 MB]</a>	<a href="#">3,099 [469.92 MB]</a>	<a href="#">3,726 [38.341 MB]</a>

	<a href="#">GB]</a>	<a href="#">GB#]</a>		<a href="#">MB]</a>	<a href="#">MB]</a>
May	<a href="#">45,294 [1.402 GB]</a>	<a href="#">5,474 [2.056 GB]</a>	<a href="#">658 [470.219 MB]</a>	<a href="#">3,998 [1.638 GB]</a>	<a href="#">4,244 [47.510 MB]</a>
June	<a href="#">37,287 [1.265 GB]</a>	<a href="#">3,777 [1.194 GB]</a>	<a href="#">719 [377.117 MB]</a>	<a href="#">3,967 [1.168 GB]</a>	<a href="#">4,036 [43.643 MB]</a>
July	<a href="#">38,647 [1.239 GB]</a>	<a href="#">4,052 [1.285 GB]</a>	<a href="#">1,044 [379.384 MB]</a>	<a href="#">4,054 [1.117 GB]</a>	<a href="#">3,905 [48.447 MB]</a>
August	<a href="#">69,982# [1.81 GB]</a>	<a href="#">5,734 [1.444 GB]</a>	<a href="#">3,375# [674.8 MB#]</a>	<a href="#">6,103# [1.98 GB#]</a>	<a href="#">5,403 [57.684 MB]</a>
Sept	<a href="#">50,308 [1.460 GB]</a>	<a href="#">5,433 [2.542 GB]</a>	<a href="#">815 [439.757 MB]</a>	<a href="#">2,121 [1.032 GB]</a>	<a href="#">4,050 [42.345 MB]</a>
Oct	<a href="#">55,129 [1.740 GB]</a>	<a href="#">6,215 [2.234 GB]</a>	<a href="#">717 [462.431 MB]</a>	<a href="#">1,774 [1.893 GB]</a>	<a href="#">6,326 [49.579 MB]</a>
Nov	<a href="#">58,551 [1.527 GB]</a>	<a href="#">7,746# [2.47 GB]</a>	<a href="#">N/A</a>	<a href="#">N/A</a>	<a href="#">6,952# [56.35 MB]</a>
Dec	<a href="#">38,186 [1.336 GB]</a>	<a href="#">4,299 [1.837 GB]</a>	<a href="#">317 [88.887 MB]</a>	<a href="#">967 [467.602 MB]</a>	<a href="#">5,117 [45.472 MB]</a>

**2 0 0 2**

<b>Month</b>	<b>BSA Main Site</b>	<b>BSA Images</b>	<b>Botany 2001</b>	<b>Botany 2002</b>	<b>Announcements</b>
January	<a href="#">50,108 [1.820 GB]</a>	<a href="#">4,443 [1.562 GB]</a>	<a href="#">1,326 [1.390 GB]</a>	<a href="#">1,582 [50.94 MB]</a>	<a href="#">5,524 [72.52 MB]</a>
Feb	<a href="#">49,092 [1.848 GB]</a>	<a href="#">4,385 [1.876 GB]</a>	<a href="#">1,071 [1.445 GB]</a>	<a href="#">2,287 [140.1 MB]</a>	<a href="#">5,153 [72.712 MB]</a>
March	<a href="#">49,032 [1.865 GB]</a>	<a href="#">6,532 [1.755 GB]</a>	<a href="#">1,066 [1.632 GB]</a>	<a href="#">6,072 [542.8 MB]</a>	<a href="#">5,021 [83.117 MB]</a>
April	<a href="#">51,771 [1.865 GB]</a>	<a href="#">5,750 [1.924 GB]</a>	<a href="#">854 [719.84 MB]</a>	<a href="#">6,903 [1.205 GB]</a>	<a href="#">3,959 [73.331 MB]</a>
May	<a href="#">52,002 [2.133 GB]</a>	<a href="#">4,965 [1.352 GB]</a>	<a href="#">1,198 [650.862 MB]</a>	<a href="#">6,746 [1.664 GB#]</a>	<a href="#">5,688 [99.99 MB#]</a>
June	<a href="#">40,827 [2.23 GB#]</a>	<a href="#">4,484 [1.896 GB]</a>	<a href="#">1,093 [643.104 MB]</a>	<a href="#">7,046# [1.556 GB]</a>	<a href="#">4,569 [78.583 MB]</a>

# = high number

BSA runs its own web servers, domain name servers, email service and security systems. Steve Wolf runs the BSA Directory. This has not always been reliable (i.e., when the webmaster is out of town) and relies too heavily on volunteer effort. We are investigating moving all web service to Missouri Botanical Gardens and are also considering outsourcing an e-commerce site for membership dues and subscriptions to a company. The web versions of documents and membership are increasingly becoming the focal set of references for the BSA. Future web use should increasingly use the web to electronically archive digital correspondence as it serves as an ideal means of disseminating information within the BSA membership and leadership and to the outside world.

**BSA Image Site:** This site continues to be popular and fluctuates with the academic term. The server has provided up to 7746 pages of data in one month with almost 3 gigabytes of data downloaded. The home page was reorganized to emphasize the search feature. This has improved utility of the site somewhat. This was moved to a faster server in December 2001.

*American Journal of Botany Online* has now been in operation for over three years. Last year, over 500,000 page retrievals occurred with a total of 72.5 Gigabytes of data downloaded. Both of these are 100% increases. With access control instituted, we will find much lower data transfer rates. The average weekly number of PDFs downloaded has gone from 3000 per week to 300 per week, and data transfer rates are about 1/3 of what they have been. We are still building our online subscriber base, however, and they will never be this low again! Of the members, 1,027 have activated their accounts, whereas 1,270 have not. Of subscribing institutions, 48 have activated their subscriptions, whereas 42 are not activated.

Respectfully submitted,  
Scott Russell, Webmaster

---

Business Manager [traditionally presented at meeting]

---

---

## **II. A. Committees**

---

Annual Meetings Program Committee: See Program Director's Report, above

---

Archives and History Committee:

---

### **Committee on Committees, 2002**

Almost all positions are filled. The entries below are color-coded: automatic appointments are blue, new appointments are green, important notes are red. Following is the constitution of committees as of July 26, 2002.

#### **Standing Committees (Administrative):**

COMMITTEE ON COMMITTEES (6 appointed members; 3 year terms) **(ONE OPENING)**

**New President-Elect (2003), Chair, ex officio**

Ned Friedman (2003)

Jerrold Davis (2003)

Missy Holbrook (2004)

Gar Rothwell (2004)

**Bob Jansen (2005)**

Jennifer Richards (2003), Secretary, ex officio

FINANCIAL ADVISORY COMMITTEE (3 members; 3 year terms) **(FILLED)**

Harry T. Horner (2004), (Chair)

Russell Chapman (2003)

**Greg Anderson (2004)**

**Scott Russell (2003), President, ex officio**

Joe Armstrong (2004), Treasurer, ex officio

Business Manager, ex officio

ANNUAL MEETING COORDINATING COMMITTEE (3 members; 3 year terms) **(COMMITTEE DISSOLVED)**

ANNUAL MEETING PROGRAM COMMITTEE **(NO OPENINGS)\***

Jeffrey M. Osborn (2002) (Chair) -- **New Program Director (2005), ex officio**

Program Organizer of each Section

Chair, Local Organizing Committee

Representatives of Other Societies meeting with BSA

ARCHIVES AND HISTORY COMMITTEE (2 appointed members; 5 year terms) **(NO OPENINGS)**

Ronald Stuckey (2003) (Chair)

Lee Kass (2004)

Pamela Soltis (2003), Immediate Past Secretary, ex officio

CONSERVATION COMMITTEE (6 appointed members; 3 year terms) **(FILLED)**

Tom Ranker (2004) (Chair)

Harvey Ballard (2003)

Diane Horton (2003)

Paul Wolf (2004)

**Nancy Morin (2005)**

**Jon Shaw (2005)**

EDUCATION COMMITTEE (6 appointed members; 3 year terms) **(FILLED)**

Rob Reinsvold (2004) (Chair)

Neil Sawyer (2003)

Stephen Scheckler (2003)

Margaret Kuchenreuter (2004)

Tom Rost (2004)

**Gordon Uno (2005)**

**Scott Russell (2003), President, ex officio**

Jennifer Richards (2003), Secretary, ex officio

J. S. Shipman (2003), Secretary of the Teaching Section, ex officio

Marsh Sundberg (2004), Editor of the Plant Science Bulletin, ex officio

David Kramer (2004), Immediate Past Chair, Education Committee, ex officio

ELECTION COMMITTEE (3 appointed members; 3 year terms) **(FILLED)**

**Judy Jernstedt (2003), Past President, Chair, ex officio**

Barbara Crandall-Stotler (2003)

Richard Olmstead (2003)

**Steven Manchester (2005)**

Jennifer Richards (2003), Secretary, ex officio

MEMBERSHIP AND APPRAISAL COMMITTEE (5 appointed members; 5 year terms) **(FILLED)**

Donald Hauber (2003)

Lyn Loveless (2004)

Massimo Pigliucci (2005)

Michael Mayer (2006)

**Ruth Stockey (2007)**

Business Manager, ex officio

PUBLICATIONS COMMITTEE (5 appointed members; 3 year terms) **(FILLED)**

Nancy Dengler (2003) (Chair)

**Pat Herendeen (2004)**

**Andrea Schwarzbach (2004)**

**Mary Barkworth (2005)**

**Diane Marshall (2005)**

Karl Niklas, Editor, AJB, ex officio

Marsh Sundberg, Editor, PSB, ex officio

Scott Russell, Webmaster, ex officio

Business Manager, ex officio

WEBPAGE COMMITTEE (5 appointed members; 3 year terms) **(FILLED)**

Scott Russell, Webmaster & Chair

Jim Reveal (2003)

Pam Diggle (2004)

James Mickle (2004)

**Janice Glime (2005)**

**Carl Schlichting (2005)**

Rob Reinsvold (2004), Education Committee Chair, ex officio

Marsh Sundberg (2004), Editor, PSB, ex officio

Karl Niklas (2004), Editor, AJB, ex officio

Jennifer Richards (2003), Secretary, ex officio  
Business Manager, ex officio

**Standing Committees (Awards):**

CORRESPONDING MEMBERS COMMITTEE (Past Presidents) **(NO OPENINGS)\***

Pat Gensel (2004), ex officio  
Douglas Soltis (2003), ex officio  
**Judy Jernstedt (2005), ex officio**

MERIT AWARDS COMMITTEE (3 appointed members; 3 year terms) **(FILLED)**

Chris Haufler (2003), **Chair**  
Chris Campbell (2004)  
Lynn Bohs (2005)  
**Scott Russell (2003), President, ex officio**

DARBAKER PRIZE COMMITTEE (3 appointed members; 3 year terms) **(FILLED)**

Robert Bell (2003), **Chair**  
Debabish Bhattacharya (2004)  
**Rick McCourt (2005)**

ESAU AWARD COMMITTEE (3 appointed members; 3 year terms) **(FILLED)**

Geeta Bharathan (2003), **Chair**  
Dennis Stevenson (2004)  
Larry Hufford (2005)

KARLING AWARD COMMITTEE (6 appointed members; 3 year terms) **(NO OPENINGS)**

Gene Mapes (2003), Chair  
Kathleen Pryer (2003)  
Javier Francisco-Ortega (2004)  
Amy Litt (2004)  
James Quinn (2004)  
Susanne Renner (2004)

MOSELEY AWARD COMMITTEE (3 appointed members; 3 year terms) **(FILLED)**

Kathleen Pigg (2003), **Chair**  
Cindi Jones (2004)  
**Frank Ewers (2005)**

PELTON AWARD COMMITTEE (3 appointed members; 3 year terms) **(FILLED)**

Elliot Myerowitz (2003), **Chair**  
Darlene Southworth (2004)  
**Sarah Hake (2005)**

**Ad Hoc Committees:**

MEMBERSHIP TIERS COMMITTEE (**COMMITTEE DISSOLVED**)

EXECUTIVE DIRECTOR SEARCH COMMITTEE

Ed Schneider, Chair  
David Northington  
Judy Jernstedt  
Scott Russell

**PUBLICATIONS OF THE SOCIETY**

American Journal of Botany (**NO OPENINGS**)  
Karl Niklas, Editor-in-Chief (2004)

Plant Science Bulletin (**FILLED**)  
Marshall Sundberg, Editor (2004)

**Editorial Committee for Volumes 47/48**

Norman C. Ellstrand (2003)  
James Mickle (2004)  
Andrew Douglas (2005)  
Douglas Darnowski (2006)  
**Andrea Wolfe (2007)**

**Representatives to Various Organizations:**

AAAS COUNCIL (**NO OPENINGS**)

Patrick Herendeen

AIBS COUNCIL (**NO OPENINGS**)

Patricia Gensel

ASSOCIATION OF SYSTEMATICS COLLECTIONS (**NO OPENINGS**)

Laurence E. Skog (2003)

BIENNIAL INCORPORATION, STATE OF CONNECTICUT (**NO OPENINGS**)

Kent E. Holsinger

COUNCIL OF SCIENTIFIC SOCIETY PRESIDENTS (EACH PRESIDENT-ELECT)  
(**NO OPENINGS**)\*

**New President-Elect (2003)**

NATIONAL RESEARCH COUNCIL COMMISSION ON LIFE SCIENCES BOARD  
OF BASIC BIOLOGY (**NO OPENINGS**)

Jennifer Richards (2003), Secretary, ex officio

Respectfully submitted,

Scott D. Russell, Chair  
Tom Ranker (2002)  
Linda Graham (2002)  
Ned Friedman (2003)  
Jerrold Davis (2003)  
Missy Holbrook (2004)

Gar Rothwell (2004)  
Jennifer Richards (2003), Secretary, ex officio

---

**ANNUAL REPORT OF THE BSA CONSERVATION COMMITTEE**  
presented at The Botanical Society of America Council Meeting  
August, 2002, Madison, WI

At the request of President Judy Jernstedt, the Conservation Committee reviewed a proposal by the US Department of Agriculture, Animal and Plant Health Inspection Service to modify certain phytosanitary rules, a summary of which follows.

"SUMMARY: We are proposing to revise our regulations regarding the movement of plant pests by adding risk-based criteria for determining the plant pest status of organisms, establishing a notification process that could be used as an alternative to the current permitting system, providing for the environmental release of organisms for the biological control of weeds, and updating the text of the subpart. These proposed changes would clarify the factors that would be considered when assessing the plant pest risks associated with certain organisms, facilitate the importation and interstate movement of regulated organisms, and address gaps in the current regulations."

After reviewing the entire proposal, the Conservation Committee informed President Jernstedt that the proposed changes seemed relatively insignificant and should have a minor impact on the botanical community.

The Conservation Committee was not engaged in any other activities this year.

Submitted by:

Tom A. Ranker, Chair  
Conservation Committee, Botanical Society of America

26 July 2002

---

Corresponding Members Committee

---

**Annual Report of the Darbaker Prize Committee, 2002**

The Darbaker Prize for 2002 will be awarded to Dr. Arthur R. Grossman at the 2002 BSA Banquet. This prize includes a certificate and check for \$1000. The Darbaker

Committee consisted of: Bob Bell, Debashish Bhattachayra, Louise Lewis (chair).

Respectfully submitted,

Louise A. Lewis, *Chairperson,*  
*Darbaker Prize Committee*

---

### **Report of the Education Committee**

The Education Committee sponsored workshops for K-12 teachers at the Texas Regional Science Convention and the National Science Teachers Association Annual Meeting in San Diego. We also sponsored a booth at the NSTA Convention where over 20,000 teachers from across the nation attended. The two workshops organized by Tim Gerber and Rob Reinsvold were well received and well attended (in both cases we exceeded the seating capacity of our assigned rooms). At the booth we had an interactive activity to help teachers explore more ways to incorporate more plants in their teaching of biological concepts. Based on our records we talked with nearly 1500 teachers and administrators. The new apple development posters were a big hit and will be in classrooms across North America (we gave out nearly 1000 poster in the first couple of days.)

The Education Committee also commends Jeff Osborne and the Forum Committee in organizing the first Pre-conference Forum in Madison. Based on the initial plans this looks like it will be a success.

In the past several years the Education Committee has help lead the botanical educational outreach efforts for the nation. We have collaborated with other societies to prepare materials and sponsor workshops for teachers. We have concentrated on NSTA and NABT national meetings to get the most "bang for the buck". We are requesting \$10,000 for next year to continue the educational outreach activities.

Respectfully submitted,

Rob Reinsvold  
Chair of the Education Committee

---

### **Report of the Elections Committee, 2002**

Patricia G. Gensel, Chair

Committee members: Barbara Crandall-Stotler, Gerald Gastony, Richard Olmstead, Jennifer Richards (*ex officio*)

This year election of President-Elect and Program Director was needed. A call for nominations by the membership was conducted and their responses tallied. The Elections Committee generated a list of names of possible candidates for election to the offices of President-Elect and Program Director. Potential candidates were contacted and the following ballot list resulted: President-Elect: Linda Graham, University of Wisconsin, Loren Rieseberg, Indiana University; Program Director: Jeffrey Osborn, Truman State University, W. Carl Taylor, Milwaukee Public Museum. Results of the voting is: President-Elect- Linda Graham and Program Director- Jeff Osborn.

Some discussion took place, within the Election Committee, and in conversations with potential candidates, which raised points we consider important for future consideration:

1. What characteristics should we be looking for in a potential President? Here, name recognition, knowledge of how BSA works, contribution to the society were some attributes mentioned. Some prior experience, such as having served on one or more committees or on the Council, or holding a previous office was judged important by some but not all individuals. Commitment to the society is important.
2. It has been suggested that the Program Director should not be an elected position, but an appointed one.

---

Esau Award Committee

---

### **2002 Annual Report of the Financial Advisory Committee (FAC)**

**\*\*The FAC will be meeting on Sunday, August 4, 2002 from 9:30-11:30 am hotel and room to be determined at end of July.**

The FAC has the responsibility for managing the BSA Endowment Fund. The BSA assets are invested through Salomon Smith Barney (SSB) under a management group (managed funds). About 23 percent of the endowment is retained in an unmanaged money market fund within SSB. Normally this percent is maintained at 15 percent, but the decrease in the value of the stocks has changed this percent. All of these funds are divided among the following categories (as of June 28, 2002):

Managed money funds –	
Cash balance . . . . .	\$ 155.40
Money funds . . . . .	\$ 20,406.00
Accrued dividends. . . . .	\$ 11.84
Common stock & options . .	\$1,386,565.18
Unmanaged money funds	
Money funds . . . . .	\$ 324,982.46
Accrued dividends. . . . .	\$ <u>168.55</u>
Total	\$1,732,289.23

- The present BSA Endowment fund (\$1,732,289.23) is less than at the end of June 2000 (\$1,867,492.41). However, the fund has grown 95.6% since its inception 8.5 years ago (12/93; \$884,317). This represents, with this year’s losses, an average increase of 11.28% per year.
- The economic events prior to and following September 11, 2001, and the continuing volatility in the stock market, especially this past June, have affected the growth of the BSA endowment. However, financial restructuring of these funds in 2000 greatly reduced the impact of these more recent events.
- Last August, two recommendations were approved: *\$27,400 was recommended for use from the Endowment Income for the ‘special initiatives’ during the 2001-2002 fiscal year, as determined by the Executive Committee and Council per Guideline 4. (see Guidelines below); and both section and special accounts are to have an interest rate equal to the endowment interest rate.*
- Daniller + Company was hired for at least a three-year period to aid the EC and Council in a strategic plan to increase the visibility of the BSA and to enhance its gift-giving for society initiatives.

**Recommendation:** The FAC recommends that **\$13,700** be used from the Endowment unmanaged money market portion of the endowment for the ‘special initiatives’ during the 2002-2003 fiscal year, as determined by the Executive Committee and Council per Guideline 4 (see Guidelines below).

**Rationale for Recommendation:** The severe economic conditions of the past year have affected the stock market significantly. Fortunately, the BSA Endowment Fund was reasonably protected because of its reorganization and restructuring the previous year. Nonetheless, the losses that have been incurred are reflected in the reduced amount recommended by the FAC for the 2002-2003 fiscal year. Even though there was a loss, the FAC feels that BSA ‘initiatives’ for the 2002-2003 fiscal year are vitally important to the continued growth and development of the Society and need to be supported, even at a reduced level, through the Endowment Fund.

*The Endowment Fund Guidelines and Interest Earnings for Special and Section Accounts are presented to clarify decisions related to the operating procedures of the FAC and the determinations by the BSA Treasurer of how 1) the annual amount for BSA initiatives is determined; and 2) the annual interest percentages for the special and section accounts are determined.*

**The Endowment Fund Guidelines** -They were approved in August, 1997 and amended three times; in August, 1998, August 1999 and August 2001:

1. Purpose of Endowment Fund: The purpose of the Endowment Fund is to increase the monetary assets of the Society in order to provide income to fund major initiatives, travel grants, scholarships, and other activities that enhance the effectiveness of the Society to fulfill its Mission (see Bylaws). The Financial Advisory Committee (FAC) is responsible to and empowered by the Executive Committee and the Council to manage the Endowment Fund. The FAC makes no recommendations for use of the Endowment Fund.

2. Contributions to Endowment Fund: All monetary gifts, stocks, and bonds designated "Endowment Fund" shall be immediately deposited in either the Endowment Money Market Fund or in the Endowment Fund directly, and then invested in a timely fashion by the FAC. Other gifts, such as property, shall be individually handled by appropriate legal procedures to integrate it into the Endowment Fund.

3. Solicitation of Membership to Contribute to Endowment Fund: Solicitation shall be carried out in two ways: first, the membership will be provided 'purpose and giving' information in each issue of the PSB and on the annual membership dues form; second, a more select portion of the membership that includes long-time ( $\geq 20$  years) members, and members whose ages are 50 years and older, will be individually solicited once every other year (odd-numbered).

4. Use of Endowment Fund Income: The value of the BSA Endowment Fund (all non-restricted, non-sectional funds) will be averaged over the previous twelve (12) quarters, in July of each year. The 'usable income' available for use during the next fiscal year will be 2% of the previous 12 quarters averaged total value, and this amount will be reported at the BSA annual Council Meeting. The FAC will annually evaluate the % used to generate income such that if growth goals are being met, or if growth is too slow, the % 'usable income' will be adjusted accordingly. Any 'usable income' unallocated or unused by the end of the fiscal year (June 30) shall revert to the Endowment Fund principle. As a means of checks and balances, the % allocated for annual use shall be determined by the FAC in keeping with its charge to increase the value of the Endowment Fund at a rate exceeding inflation. Use of the Endowment Fund 'usable income' shall be determined by the Council (see Guideline 5. of Endowment Fund Guidelines).

5. Approval of use of Endowment Fund: Any member, committee, section, or ruling body of the Society may submit a request to use the Endowment Fund for purposes outlined in 1. The request(s) must be submitted to the Executive Committee for consideration and

recommendation to the Council. The Council at its regular meeting in August, or at a special called meeting, or by e-mail vote in unusual circumstances, will act on the recommendation(s). Approval of any recommendation(s) by the latter three ways will be determined by a majority (51%) of all eligible council members. If the recommendation(s) is/are approved, the Treasurer of the Society will be empowered to distribute the money according to the approved recommendation(s). If an individual member of either the Executive Committee or the Council submits a recommendation, that member is excused from voting on the recommendation.

**Summary of How Interest Earnings for Section Accounts and Special Funds are Determined by (adopted in 1999 and amended in 2001):**

Section and special accounts receive an interest rate equal to the endowment interest rate.

**2002 Annual Report, Karling Awards Committee**

Karling Awards were made to the following students. The list gives the student's name, university, title of the project, and award amount.

<b>Name</b>	<b>University</b>	<b>Award</b>
Alvarez, Aida	New York Botanical Garden	
Phylogeny of Prescottinae and systematics of Gomphichis (Orchidaceae)		\$500
Baumert, Anthony	University of Pittsburgh	
Application of resource competition theory to ecosystem succession		\$500
Bell, John	University of Wisconsin, Milwaukee	
The effect of interspecific competition for pollinator service on the mating patterns and pollen dispersal in Mimulus ringens		\$500
Cortes-Burns, Helen	University of Texas	
Phylogenetic and biogeographic study of Bell-flowers (Walhlenbergia) in the southern hemisphere of Oceanic Islands		\$500
Cortes-Palomec, Aurea	Ohio University	
Reproductive systems and population genetics of a Mexican Viola species		\$500
Cronin, James	University of Pittsburgh	
Herbivory and the top-down regulation of terrestrial plant communities: A test of two prominent theoretical lineages		\$500
Dunn, Michael	Ohio University	
The Mid-Carboniferous Floral Break: a crucial and enigmatic episode in the evolution of the terrestrial ecosystem		\$500
Forest, Felix	Royal Botanic Gardens, Kew	
A molecular systematic study of the South African endemic genus Muraltia		(Polygalaceae)
Hernandez-Castillo, Genaro	University of Alberta	
Taxonomic reevaluation and systematics of primitive conifers from		

Euramerica		\$500
Karst, Lisa	Portland State University	
	Phylogeny of <i>Syrinchium</i> (Iridaceae), genetic and morphological	\$500
Moody, Michael	University of Connecticut	
	Phylogenetics, hybridity and aquatic origins in the angiosperm family Haloragaceae	\$500
Moore, Michael	University of Texas	
	The roles of edaphic shifts and long distance dispersal in the evolution of the American desert genus <i>Tiquilia</i> (Boraginaceae)	\$500
Morris, Ashley	University of Florida	
	Exploring the biogeographic history of eastern North American trees: a comparative phylogeographic approach	\$500
Roncal, Julissa	Florida International University	
	Evolution of the <i>Geonoma macrostachys</i> (Palmae) complex	\$750
Rydholm, Carla	Duke University	
	Lichenicolours fungi systematics and the transition from mutualism to parasitism in Ascomycetes	\$500
Specht, Chelsea	New York Botanical Garden	
	Systematics and evolution of the tropical plant family Costaceae	\$500
Steets, Janette	University of Pittsburgh	
	Ecological correlates of Pollen Limitation	\$500
Thompson, James	University of Florida	
	Phylogeny and the evolution of breeding systems in the moss <i>Pohlia Cruda</i>	\$500
Thompson, Stacey	University of British Columbia	
	Transmission of apomixis in a <i>Townsendia</i> hybrid zone	\$500
Wu, Carrie	University of California	
	Ecophysiological variation among natural hybrids in an <i>Ipomopsis</i> (Polemoniaceae) hybrid zone	\$500

Respectfully submitted

Gene Mapes, *Chairperson*  
*Karling Awards Committee*

---

**Membership and Appraisal Committee Annual Report**  
**Botanical Society of America**  
**July 2002**  
**Kathleen L. Shea, Chair**

Membership in the Botanical Society has been fairly constant over the last ten years, with total membership fluctuating from a high of 2902 in 1997 to the current membership of 2282. There were 2363 members in 2001. The year 2002 was the first

year with the printed journal was separate from membership and 959 members received the printed journal.

Because of changes in the membership fee structure, the resignation of BSA staff member Kim Hiser and the impending move of the BSA headquarters to the Missouri Botanical Garden, posters and brochures were not revised this past year. As soon as the Executive Director is hired and the office is moved, we recommend sending our revised posters and brochures. This committee has compiled a list of 240 BSA representatives throughout the United States and in 11 foreign countries. These representatives are asked to display posters and encourage membership in BSA on their campuses. Additional representatives are needed from Idaho, Michigan, Montana, Nevada, New Mexico, North Dakota, Rhode Island, Utah and West Virginia.

Suggestions for revising the poster and brochure primarily include adding changes in fee structure, now that the hard copy of the journal is separate from membership, and making the poster more colorful with less text. Past photos from AJB covers could be added to the poster. The membership web site (<http://www.botany.org/#membership>) should be highlighted as providing more information and downloadable membership forms. Another suggestion is to have the brochures available in an attached envelope on the poster, instead of the tablet of tear-off application forms.

The largest sections are Systematics, Ecological, Teaching, Developmental/Structural and Tropical. There was some decrease in membership in each of the sections over the past year. Bryology and Lichenology, Paleobotanical and Phytochemical Section membership has stayed the same or increased over the past year.

The highest priority for the coming year is to send out revised posters and brochures to representatives. Each section is encouraged to consider membership trends and how to make the section more useful to members.

---

### **Annual Report of the Merit Awards Committee of the Botanical Society of America (BSA) for 2002.**

The Committee included myself as Acting Chair, Maxine Watson, Christopher Campbell, and Judy Jernstedt, BSA President, *ex officio*.

We received only one Merit Award nomination this year, and that was one that was being reconsidered from 2001. This nomination was submitted before last year's meeting, but it arrived quite late in the process and because there was only one supporting letter, the committee decided that more extensive documentation would be needed before rendering a decision. Unfortunately, no more letters were included with the resubmitted nomination. The committee felt that the nominations require corroborating commentary from a diversity of colleagues to that the impact that the nominees have made on Botany or on the BSA can be assessed adequately. The committee decided that without a more extensive dossier, we could not determine whether the nominee had made "outstanding contributions to botanical science" (quote from the description of the Merit Awards in the BSA Bylaws). Therefore no Merit Award will be presented this year.

Respectfully submitted

Christopher Haufler  
Acting Chair, BSA Merit Awards Committee

---

Moseley Award Committee

---

### **Jeannette Siron Pelton Award, 2002**

The Jeannette Siron Pelton Award is made by the Conservation and Research Foundation of New London, CT through the Botanical Society of America for sustained and creative contributions in experimental plant morphology. BSA appoints the committee and gives the award at the annual meeting. Beginning in 1998, the awarding of the Pelton has included an invitation to provide a special address. The Pelton Award is made irregularly based on availability of funds and an appropriate candidate. For 2002, there will be an award.

The awardee will be Karl J. Niklas. The inscription of the award is as follows: "The Conservation and Research Foundation through the Botanical Society of America is pleased to present the Jeanette Siron Pelton Award to Karl J. Niklas for his sustained and imaginative contributions in experimental plant morphology, especially for his theoretical and experimental examination of plant form, strategy, and evolution. His pioneering studies applying mathematical and structural modeling to describe plant geometry have provided a strong basis for understanding the optimization of plant form. He has effectively applied this approach to the three basic vegetative structures as well as to flowers, strobili, and inflorescences. His studies have produced an extraordinarily rich and diverse series of publications that will serve the field for many years to come." A special lecture is scheduled for Tuesday afternoon.

Respectfully submitted,

Scott Russell, Chair  
Elliot Meyerowitz  
Darlene Southworth

---

### **2002 Annual Report of the BSA Publications Committee**

2001-2002 BSA Publications Committee:

Nancy Dengler, Chair  
Pamela Diggle  
Darleen DeMason  
Joe Leverich  
Scott Russell  
Jonathan Wendel  
Karl Niklas, *ex officio*  
Marsh Sundberg, *ex officio*  
Kim Hiser, *ex officio*

The BSA Publications Committee discussed four proposals related to electronic publication of the American Journal of Botany and made recommendations to the Executive Committee. Other issues relating to BSA publications, such as the revised pricing schedule for online subscriptions, will be presented by the Executive Committee. The Editor-in-Chief will report on the current status of manuscript backlog reduction.

#### **1. e-letters**

The committee supported the proposal to initiate electronic letters to the editor of the American Journal of Botany. HighWire Press will offer for each paper a hyperlink to an e-letters site where readers can submit comments, criticisms, and questions about that specific paper. The AJB Editor-in-Chief, Karl Niklas, in consultation with the Editorial Board, submitted a draft policy for e-letters that was ratified by the Executive Committee.

#### **2. CiteTrack**

The committee supported the proposal to purchase (\$1500) the CiteTrack utility that allows registered viewers to sign up for a daily watch on specific keywords or authors names in about 200 HighWire Press journals. This feature is to be inaugurated with online subscriptions.

#### **3. Hold-back charge for pay-per-view**

The committee supported the proposal for a \$2500 hold-back charge to cover costs incurred by HighWire Press for developing the AJB pay-per-view site. According to this model, HWP would hold back the first \$2500 of revenue and then share subsequent revenue on a 50:50 basis with the BSA.

#### **4. eIFL (Electronic Information for Libraries Project)**

HighWire Press is joining other publishers (Blackwell, Elsevier, Harcourt, Springer, Wiley, etc.) in providing discounts for online subscriptions for countries in 3 categories ("developing", "impoverished", and "not well off"). An advantage of joining this initiative is that AJB will be exposed to institutions that might not subscribe to AJB individually, but would wish to receive it as part of a package.

This year a major milestone was met as the main BSA web server served its *millionth page*. So far, as of June 30, 2002, 1,644,458 pages have been served from the main site. The choice of the name web "page" committee is an anachronism, as the number of distinct files are over 3,000 on the main server and additional servers. Four meeting sites with abstracts currently maintained have over 1500 pages each. The amount of data online exceeds 3 gigabytes.

#### **Current web service record on the botany.org domain:**

BSA website, FTP site, domain name service (DNS), e-mail service, and general web service, is located at the University of Oklahoma, under the direction of Scott Russell (from February 3, 2000). Last year, the BSA operation ran on one Pentium 120 as DNS and web server, and 2 Pentium 166 web server, all under Linux. A Pentium III at 733 MHz is now serving images, meeting sites from 2000 onwards and the announcement site. These all have UPS units that will provide at least 15 min of service in case of power interruption.

BSA Directory, administered at California State University-Stanislaus, is under the direction of Steve Wolf (from February 10, 2000)

#### **Numbers of pages served for botany.org:**

1995-96: No records at <http://falk.ucdavis.edu/bsa/>

1997: 58,994 hits (March 4, 1997 through December 31, 1997)

1998: 184,266 hits (January 1, 1998 through December 31, 1998), up 212%

1999: 252,344 pro-rated estimate based on 189,251 hits (January 1, 1999 through September 30, 1999)\*, up 40%

2000: 343,207 hits (February 1, 2000 through December 31, 2000)\*, up 36%

2001: 571,948 hits (January 1, 2001 through December 31, 2001), up 31%

2002: 292,832 hits (January 1, 2002 through June 30, 2002), up about 3% so far this year

\*Logs were unavailable due to change of servers for Oct 1999 through Jan 2000.

#### **Other sub-domains and virtual servers of botany.org:**

In addition to the <http://images.botany.org/> site, there are also some other virtual servers.

The <http://admin.botany.org/> server contains confidential BSA documents and forms under password control. To handle BSA announcements, <http://announce.botany.org/>

was created. Four meeting sites, <http://www.botany2000.org/>,

<http://www.botany2001.org/> <http://www.botany2002.org/> and

<http://www.botany2003.org/> are now available. The AJB supplementary data site is

<http://ajbsupp.botany.org/> and the McIntosh site is at <http://mcintosh.botany.org/>.

#### **Domain name service (DNS) for botany.org:**

In addition to the activity on the web servers, the domain name servers log over 150,000 requests per week for DNS information. Hackers also tend to use weaknesses in DNS's BIND program to compromise systems. This is our major weakness in the current system, as a failure here brings down all machines.

#### **American Journal of Botany Online service:**

Here is a summary of the activity of the *American Journal of Botany Online* server run by HighWire Press on behalf of the Botanical Society of America. The free period of web service ended June 12, 2002.

After that time, access is by password for individual users and by IP blocks for institutional members. This clearly reduced the usage of the site. The experience of other HighWire Press journals, however, has been that usership rapidly increases to free levels once users are used to it being a paid site.

<b>Week</b>	<b>Request s</b>	<b>Requests- OK</b>	<b>Requests- Fail</b>	<b>Distinct Files</b>	<b>Unique Hosts</b>	<b>Traffic in KB</b>	<b>PDFs</b>
<b>Totals 2002 so far</b>	917,358	329,036	31,871	301,209	96,335	44,010,843	65,191
Weekly	32,763	11,751	1,138	10,757	3,441	1,571,816	2,328
Maximum	53,194	14,742	4,746	22,196	4,215	2,542,000	4,654
Minimum	18,014	8,901	176	4,737	2,408	378,493	207
<b>Total</b>	3,371,316	1,228,416	122,976	1,090,447	378,291	124,604,424	219,801
<b>Totals 1999</b>	657,469	315,491	52,435	193,376	76,670	16,104,467	28,515
<b>Totals 2000</b>	1,060,440	395,342	18,246	341,997	120,751	35,999,637	65,395
<b>Totals 2001</b>	1,653,407	517,583	52,295	555,074	180,870	72,500,320	125,891
<b>Totals 2002</b>	917,358	329,036	31,871	301,209	96,335	44,010,843	65,191
Weekly <b>Averages 1999</b>	13149	6310	1049	3868	1533	322089	570
<b>Averages 2000</b>	20008	7459	344	6453	2278	679238	1,234
<b>Averages 2001</b>	31796	9954	1006	10675	3478	1394237	2,421
<b>Averages 2002</b>	32763	11751	1138	10757	3441	1571816	2,328
Monthly <b>Averages 1999</b>	54789	26291	4370	16115	6389	1342039	2,376
<b>Averages 2000</b>	88370	32945	1521	28500	10063	2999970	5,450
<b>Averages 2001</b>	137783	43132	4358	46256	15072	6041647	10,491
<b>Averages 2002</b>	141971	50922	4932	46615	14909	6811149	10,089

This represented an increase in usership of over 100% per year for each of the last three years. HighWire Press finds these statistics surprisingly high when we were compared among clients of similar size and mission.

Respectfully submitted,

Scott Russell, Webmaster and Chair, Web Page Committee

Members of committee, 2002-2003:

Ross Koning (2002)

Steven J. Wolf (2002)

James L. Reveal (2003)

Pam Diggle (2004)

James Mickle (2004)

Rob Reinsvold (2004), Education Committee Chair, ex officio

Marshall Sundberg, Editor, PSB ex officio

Karl Niklas, Editor, AJB ex officio

Jennifer Richards (2003), Secretary, ex officio

Business Manager, ex officio

---

## II. B. Sections

---

### **BOTANICAL SOCIETY OF AMERICA Bryological and Lichenological Section Annual Report, 2002**

The Bryological and Lichenological Section participated in the American Bryological and Lichenological Society (ABLS) Meeting at the University of Connecticut, Storrs, 26-28 July 2002. The organizer for the meeting was Bernard Goffinet (University of Connecticut), with assistance from the ABLS President William Buck (New York Botanical Gardens) and President-elect James Lawrey (George Mason University). The meetings included pre and post-meeting forays, a lichen identification workshop by Irwin Brodo (Canadian Museum of Nature), and two social events, the annual ABLS breakfast and a conference banquet. The scientific program included invited presentations by Didier Schaefer and Louise Lewis, 27 contributed presentations and 8 contributed posters. To encourage student participation in the annual meeting, ABLS provided travel awards for graduate students and presented the A. J. Sharp Award for the outstanding student presentation. Twelve students competed for the 2002 award, which was won by Rebecca Yahr (Duke University) for the presentation "The structure of symbiotic communities: Population-level patterns of association between lichen fungi and their algal photobionts." Honorable mention went to Linda Fuselier (University of Kentucky) for the presentation "Growth and reproduction of *Marchantia inflexa* from single-sex and bi-sex populations," and to Frank Bungartz (Arizona State University) for "Biologically-induced mineralization by the endolithic lichen *Verrucaria rubrocincta* Breuss in the Sonoran Desert." The annual Tuckerman and Sullivant Awards (best lichen and bryophyte papers published in *The Bryologist* during the last year) went to Dianne Fahselt, Susan Madzia, and Vagn Alstrup for "Scanning electron microscopy of invasive fungi in lichens" (*Bryologist* 104: 24-39) and to D. Nicholas McLetchie for "Sex-specific

germination response in the liverwort *Sphaerocarpos texanus* (Sphaerocarpaceae) (Bryologist 104: 69-71), respectively.

Respectfully submitted,

Paula de Priest and James Bennett

---

### **Developmental and Structural Section Annual Report 2002**

At the 2002 BSA meetings the Developmental and Structural Section will sponsor three symposia:

- 1) Generating diversity: The link between developmental morphology and phylogeny (co-sponsored with the CBA).
- 2) Conifer reproductive biology: A tribute to Dr. John N. Owens (co-sponsored with the CBA).
- 3) Biocomplexity in mycorrhizae (co sponsored with the ecology section)

In addition, we will sponsor the Pelton Award Lecture to be given by one of our members, Karl J. Niklas of Cornell University, Ithaca, NY. The title of his lecture is Plant morphogenesis: Logic and mechanism.

The "Open Space" forum that was initiated by our section several years ago has now become the "Discussion Sections" sponsored by the Society. This year there are two scheduled Discussion Sections:

- 1) Forensic botany, led by Jane H. Bock and David O. Norris.
- 2) Uses of nuclear ribosomal RNA repeats, ITS2 sequences, led by Annete W. Coleman, and Mark W. Chase.

Members of our section will present 32 contributed papers distributed among three sessions, and fifteen posters.

Topics of discussion at last year's business meeting included the development of a section web page, increasing student participation, and the distribution of section funds between student travel awards and symposia.

Two awards for student presentations are given out in the Developmental and Structural Section. At the 2001 meetings the awards were as follows:

The Katherine Esau Award goes to the graduate student who presents the outstanding paper in developmental and structural botany at the annual meeting. The 2001 Award went to Steven Jansen from the Institute of Botany and Microbiology, K.U. Leuven, Kasteelpark Arenberg, for his paper "Vestured pits: a wood anatomical character with strong phylogenetic signals at high taxonomic levels." Co-authors were Pieter Baas and Erik Smets.

The Maynard Mosely Award recognizes a student paper that best advances our understanding of the anatomy and/or morphology of vascular plants within an evolutionary context. Two awards were presented in 2001. 1) Genaro Hernandez-Castillo from the University of Alberta, Edmonton, Alberta, Canada for his paper "Evidence for compound pollen cones in Paleozoic conifers". Co-authors were Gar Rothwell and Gene Mapes, and 2) Maria Von Balthazar from the University of Zurich, Zurich, Switzerland, for her paper "Floral structure and phylogeny of Buxaceae." Her co-author was Peter Endress.

The section also presented travel awards to six student members: Athena McKown, Jennifer Winther, Erin Bissell, Ken Chapman, Caroline Mitchell, Allena Volskay.

Respectfully submitted,

Pamela K. Diggle, Chairperson  
Developmental and Structural Section

---

### **Ecological Section Report - 2002**

The Ecological Section has new officers this year, each beginning a 3-year term: Suzanne Koptur (Chair), Tim Bell (Vice-Chair) and Joe Colosi (Secretary). Normally elected prior to the annual meeting, these new officers were elected in November 2001 and will serve through summer 2004, with new officers elected prior to the meetings in 2005.

We received 45 contributed papers and 27 poster abstracts for the Madison meetings, and Joe Colosi organized these into 4 contributed papers sessions. We took Carol Baskin's advice and have placed all student papers in one session, to facilitate judging; we will see how this works this year. We had 16 volunteers to judge papers, and 18 to chair sessions, many good citizens in this section!

Membership in our section has decreased substantially in the last few years, reflected in the smaller section budget. We will be seeking ways to encourage increased membership in the BSA by ecologists of all kinds who work with plants. This year our section is sponsoring two symposia (Evolution of mating systems in the genus *Mimulus*, and Biocomplexity in mycorrhizae) and will present monetary awards and banquet tickets for best student presentations.

We applaud Presidents Judy Jernstedt and Scott Russell for sharing information on the Endangered Species Act Exemptions and opportunities for contact with our elected government officials. The Ecological Section will soon have a list-serve to promote the sharing of news, notices, and discussion of potential interest to members of the section. Please contact us with any ideas you have for ways in which the section can better serve the BSA.

Respectfully submitted,  
Suzanne Koptur

---

REPORT OF THE ECONOMIC BOTANY SECTION  
**Botanical Society of America, Botany 2002**

For the 2002 Economic Botany Section of the Botanical Society of America Meeting in Madison, a Symposium was organized by David Spooner on the Ethnobotany of the Solanaceae . Five speakers are included in this Session including: David Spooner (2 papers), Lynn Bohs, Jaime Prohens, Gregory Anderson, Fernando Nuez, and Michael Nee. A luncheon, poster session and business meeting is also scheduled for the Section.

The Section's annual allotment will support the Luncheon and its speaker. Prof. Emeritus Hugh Iltis will speak following the luncheon on, "Domestication of Zea: first for sugar, only then for grain? A novel idea with vast implications".

Submitted by,

Daniel Harder,  
Secretary/Treasurer  
Economic Botany Section

---

**Genetics Section Report to the BSA Council**

Briana L. Gross received the 2001 Margaret A. Menzel Memorial Award at the BSA banquet in Albuquerque, NM for her paper entitled "Potential multiple origins for *Helianthus deserticola*, a diploid hybrid species." The paper was co-authored by Andrea Schwarzbach and Loren Reiseberg. The award included a certificate, \$200.00, and a ticket to the BSA banquet.

Hannah Thornton received the 2001 Genetics Section Poster Award for her work entitled "Genetic variation in fragmented populations of an endangered dune plant: implications for its conservation." The poster was co-authored by Cynthia Lane and Javier Francisco-Ortega. The award included a certificate, \$100.00, and a ticket to the BSA banquet.

Lena Hileman received the 2001 Graduate Student Research Award of \$500.00.

Thanks are again due to Richard Whitkus and R. Joel Duff who composed the 2002 Graduate Student Research Award committee, read the proposals, and agreed on a recipient to be announced at the BSA banquet in Madison.

Don Hauber, Richard Whitkus, and R. C. Jackson agreed to serve on the Nominating Committee this year to report to the Section at the 2002 meeting.

Randy Small was installed as the Secretary/Treasurer, and Stephen Novak is our new Council Representative. The Newsletter Editor position is still vacant.

Respectfully submitted,

Jeri W. Higginbotham

---

Historical Section

---

Mycological Section

---

Paleobotanical Section

---

### **Annual Report of the Phycological Section, 2002**

The Phycological section of BSA did not receive any requests for, and consequently did not fund any symposia in 2002. None of the general funds were spent.

The Darbaker Prize for 2002 will be awarded to Dr. Arthur R. Grossman at the 2002 BSA Banquet. This prize includes a certificate and check for \$1000. The Darbaker Committee consisted of: Bob Bell, Debashish Bhattachayra, Louise Lewis (chair).

Respectfully submitted,

Louise A. Lewis, *Chairperson,*  
*Phycological Section*

---

**PHYSIOLOGICAL SECTION 2002 ANNUAL REPORT**

The Physiological Section met in Albuquerque, New Mexico in August 2001 with two contributed paper sessions and a poster session. The paper sessions were chaired by Peter Straub of Richard Stockton College of New Jersey and Bruce Smith of Brigham Young University of Utah. Tara Lin Greaver from the University of Miami received the Li-Cor Prize for the best student paper for her presentation entitled "The effects of reflected light on the anatomy and photosynthesis of *Ipomoea pes-caprae* (L.) R. BR. (Convolvulaceae), a tropical sand dune vine."

New section officers were elected at our business meeting. Denise Seliskar of the University of Delaware was elected as chairperson, Henri Maurice of the University of Southern Indiana was elected as Program Chairman, and Peter Straub of Richard Stockton College as Treasurer. The business meeting was followed by a luncheon.

The section is very grateful to Peter Straub for his two terms of dedicated service as Section Chairperson and to Denise Seliskar for her term as Section Program Chair.

For the 2002 meeting in Madison, along with the usual contributed paper and poster sessions and the annual business meeting luncheon, a symposium on restoration of major plant ecosystems is being organized by Anitra Thorhaug and Henri Maurice. This symposium is being co-sponsored with the teaching section.

Submitted by Denise Seliskar, Chairperson  
Physiological Section

---

Phytochemical Section

---

### **ANNUAL REPORT OF THE PTERIDOLOGICAL SECTION**

At the Botany 2001 Meeting in Albuquerque, NM, the Pteridological Section of BSA cosponsored with the American Fern Society a symposium entitled, "Evolution and adaptations of pteridophytes in dry climates", in which 7 papers were presented. In addition, 19 contributed papers and 3 posters were presented.

The Edgar T. Wherry Award for best paper presented was given to Sabine Hennequin and Jean-Yves Dubuisson for their paper entitled, "Systematics of the fern genus *Hymenophyllum* s.l. (Hymenophyllaceae) inferred from *rbcL* and *rps4* nucleotide sequences and morphology."

The Pteridological Section contributed \$400 to the publication of The Annual Review of Pteridological Research, Volume 14, 2000.

The Pteridological Section held elections over email for a new Chair and a new Secretary-Treasurer. One willing candidate was found for each, the results were:

Chair: Dr. Warren Hauk, Denison University of Granville, Ohio. 12 votes in favor  
Secretary-Treasurer: Dr. Karen Renzaglia, Southern Illinois University, Carbondale, Illinois: 14 votes in favor.

Submitted by:

Tom A. Ranker, Secretary-Treasurer  
Pteridological Section, Botanical Society of America

---

Systematics Section

---

Teaching Section

---

### **2002 Annual Report of the Tropical Biology Section of BSA**

For the Madison meeting, the Tropical Section received six paper abstracts and one poster abstract, and these will be presented in a session, followed by the Section's annual business meeting. The Section's chair will also be attending the BSA council meeting.

The Section's annual allocation will support a symposium on "Tropical intercontinental disjunctions: Gondwana break-up, immigration from the boreotropics, and transoceanic dispersal".

Submitted by

Susanne Renner  
Chair, Tropical Section

---

Midcontinent Section

---

Northeastern Section

---

### **Pacific Section Annual Report**

A meeting was held for Pacific Section members at the Botany 2001 meetings in Albuquerque. Twenty-seven members of the Society from states represented by the Pacific Section attended, during which a lively discussion was held regarding the Section and potential activities. Some members expressed the opinion that the area covered by the Section might be too large to sponsor single meetings, but could function if regional representatives were willing to coordinate activities in their respective areas. Most of the suggestions regarding organized activities promoting the Society and the Section included workshops, symposia, lectures, and field trips. Such activities could be organized independently or in association with other professional societies including the AAAS Pacific Section, California Botanical Society, The Northwest Scientific Association, and the Arizona-Nevada Academy of Science, among others.

Copies of the Pacific Section bylaws were distributed and discussed at the Albuquerque meeting. Suggestions were made to revise the bylaws to reflect concerns and ideas expressed at the meeting, with a proposal to submit the bylaws for approval at a meeting to be scheduled for Botany 2002. The interim chair solicited comments and several members volunteered to provide comments on draft bylaws. Consequently, a meeting of the Pacific Section was scheduled, and will take place on August 7 from 7-830 AM in the Pyle Center.

During the past year, the Interim Chair has contacted BSA members in areas comprising the Pacific Section, soliciting their ideas and willingness to participate more activity. Some interest has been expressed, especially with regard to coordinating events in their respective areas.

Respectively submitted,

Dieter Wilken  
Interim Chair

---

Southeastern Section

---

### **C. Representatives to other Organizations**

---

**Annual Report 2002**  
**Representative to the Annual Association for the Advancement of Science**

I have not been able to attend the AAAS meetings, so I don't have anything to report. I was appointed Representative under the assumption that the Business Meeting of the Society was held in Washington, DC. These meetings, however, occur at the annual AAAS meetings, so it would serve the BSA better to have a representative who was also an active member of AAAS and attended their annual meetings.

Respectfully submitted,

Pat Herendeen  
BSA Representative, AAAS

---

AIBS

---

**CSSP REPRESENTATIVE'S REPORT, 2001-2002**

The Council of Scientific Society Presidents (CSSP) met Nov. 16-19, 2001 in Washington, DC, at the American Chemical Society headquarters (pretty nice!). That was probably appropriate, considering how dominated the organization is by the physical sciences.

a) Much discussion about terrorism, counter-terrorism, security, what scientists can do to help, etc. No discussion of alternative energy sources, increasing gas mileage standards, etc. A book by Karen Armstrong was recommended, "A Brief History of Islam."

b) An interesting talk by Marsha Landolt, Dean of Graduate Studies and Vice-Provost, Univ. of Washington, about re-envisioning doctoral education. ([www.grad.washington.edu/envision](http://www.grad.washington.edu/envision)). Mention of interdisciplinary or "team" or "group" Ph.D.s, or "professional Ph.D.s" (Doctor of Science, similar to D.Ed., J.D., etc.)

c) Electronic publication: one of the most interesting talks was by someone from the Association for Computing Machinery, who discussed the pros and cons of electronic journals, member services, etc. He said in passing that ACM has decided that e-voting is not a good idea. I asked why, and he said it was a question of integrity of the voting. ACM now has about 50% of their approx. 800 institutional subscribers also receiving the e-subscriptions. They expect this to grow in the future. ACM publishes 22 journals and charges \$4,500 for print subscription and \$7,800 for online (my notes are not clear whether this is in addition to or for both print and e-).

d) Much talk about bringing scientists to Washington, to meet with Congressional reps.

e) Rita Colwell gave a nice talk about the need for scientists to get involved in K-12 education, teaching teachers, increasing underrepresented groups, interdisciplinary research, etc. No new ground was broken.

f) Informal conversations during breaks and meals were the most useful and enjoyable. I learned that the Soil Science Society of America has paid over \$75,000 to have all issues of their journals electronically archived in a searchable form. [Thank God for Karl and JSTOR for the BSA!]

Virtually all societies are seeing a slow decline in membership and institutional subscribers--nothing dramatic but just a gradual erosion. It seems that the younger set is less likely to join a scientific society than in earlier generations, which troubles a lot of us. I met Richard O'Grady and see in him a new attitude at AIBS. He was very complimentary about and appreciative of the BSA members who have served AIBS over the years (cheers to Pat!). No sign of ASPB the entire meeting. Crop Science Society and Agronomy Society were closest to BSA, with similar organismal interests and challenges.

Respectfully submitted,

Judy Jernstedt, President  
Botanical Society of America

---

## ANNUAL REPORT

SUBJECT: Highlights of NSCA Activities-2002  
TO: BSA Council  
FROM: Laurence E. Skog, BSA Representative to Natural Science Collections Alliance  
DATE: 31 July 2002

During 2001-2002 the Association for Systematic Collections changed its name to become the Natural Science Collections Alliance, which is believe to more fully represent the goals of the membership of institutions, societies, and individuals. The further reason for a name change was to make the organization and its aims more understandable to the lay public, policymakers, and other scientists.

Throughout the year NSC Alliance continued to distribute, in addition to the printed monthly newsletter, called the Alliance Gazette, an on-line bi-monthly newsletter of NSCA activities, called Washington Initiative, which highlights of recent news about systematic collections, as well as actions in Congress affecting members. The electronic

newsletter is available to NSCA member institutions and societies, and can be sent to interested recipients on request. This source is particularly valuable in highlighting funding for and available from NSF.

The major activity of the current year was the annual meeting of NSCA held in Washington, DC 6-8 June at the Smithsonian Institution. Information on the meeting is available at the NSCA website at [www.nscalliance.org](http://www.nscalliance.org). Over 200 members and VIP guests attended from the US and nine other countries. 120 speakers and presenters from museums and organizations participated in two days of panel meetings, and breakout sessions dealing with communicating science, permitting, digital libraries, etc. The opening reception was held at the National Geographic Society with a presentation on the Megatransect in Africa. The plenary session was a panel of distinguished speakers discussing how natural history museums are shaping the future. The new president of NSCA is Dr. John E. Heyning of the Natural History Museum of Los Angeles County. The 2003 meeting is planned for Berkeley, California sponsored by the U.C. Berkeley Museums.

Various requests for information received from NSCA were forwarded to the BSA Business Office.

---