

CHAPTER 1

EVOLUTION OF THE AMERICAN SOCIETY OF PHARMACOGNOSY

ASP HISTORY 1959-1975

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1923-1959 In the Beginning. The Plant Science Laboratory Seminars

While the American Society of Pharmacognosy had its official origin at a meeting at the Univ. Illinois in Chicago (UIC), College of Pharmacy in 1959, the organization had existed on a very informal basis since 1923. On August 20, 1923, a group of 39 men met at Univ. Minnesota to found an organization known as the "Plant Science Laboratory Seminar." The prime mover was Edwin L. Newcomb, Professor of Botany and Pharmacognosy at Univ. Minnesota. He was elected the first Chairman of the Seminar. It was a unique gathering of pharmacognosists, plant chemists, botanists, pharmacologists and others interested in medicinal plants, vegetable drugs and food products. Part of the first program included laboratory work. The second Seminar was held at Buffalo, NY, in 1924, and the third returned to Univ. Minnesota in 1925. This meeting included discussion of methods of teaching botany, pharmacognosy and materia medica. During the sixth Seminar in Boston in 1928, Chairman Heber W. Youngken, Sr. restated the objectives of the organization: "The objectives of the Seminar have been first, the bringing together annually of the professional contemporaries alike for the social contacts and the mutual exchange of ideas and methods; second, opportunities for the acquisition of new facts by members through field trips in various sections of the country, and by laboratory practice and demonstration in which everyone is invited to take part; third, stimulation of research in connection with pharmacognosy and plant chemistry."

The Seminar adhered to the objectives and continued to hold annual meetings of about a week's duration, except during the years of World War II and some postwar meetings. The organization had remained a very informal one, but at the 1947 Seminar in Chicago, Elmer Wirth made a proposal to reorganize the group and to formalize its operation as a scientific society. However, shortly after this meeting, Dr. Wirth died and his proposals were never implemented. At the 35th Annual Seminar at the Ferris Institute, Big Rapids, Michigan (1958), Chairman Arthur E. Schwarting, Professor of Pharmacognosy at Univ. Connecticut, again proposed reorganization of the Seminar to be called the American Society of Pharmacognosists. He circulated a proposed constitution and by-laws for this Society, and asked that a committee be appointed to study and receive relevant comments and suggestions, and to present a revised constitution and by-laws for adoption at the next meeting. This committee, consisting of Norman Farnsworth (Chair), Jack Beal, and Egil Ramstad was appointed by Edson Woodward, Chairman of the 36th Seminar.

Detailed information on the history of the Plant Science Seminars was recorded by Anna Koffler Wannamaker of Ohio Northern University School of Pharmacy. She gave presentations on "The History of the Plant Science Seminars" for the periods of 1923-32, 33-47 and 48-59 at ASP meetings in 1965, 1966 and 1967, respectively. Copies of her presentations were deposited with the ASP Secretary and with several university libraries.

1959 – The Birth of the American Society of Pharmacognosy

At the Seminar’s business meeting at UIC on August 10, 1959, after much discussion and some revision, the Constitution and By-Laws organizing the American Society of Pharmacognosy (ASP) were unanimously approved. The purpose of the Society was stated as: “to promote the growth and development of pharmacognosy, to provide the opportunity for association among workers in the science, to provide opportunities for presentation of research achievements, and to promote the publication of meritorious research.” It would continue to meet annually in the summer months. Following election of a Nominating Committee, a slate of nominees was presented. The Constitution also called for election of three members of the Executive Committee, each to serve a three-year term on a staggered basis so, in the future, one new member would be elected each year. The following officers were announced in November, 1959, to serve for **1959-60**:

President	Vice President	Secretary	Treasurer
Varro Tyler	Norman Farnsworth	Frank Mercer	Frank Crane

Executive Committee: Edward Claus (1yr.); Carl Johnson (2 yr.); David Carew (3 yr.)

President Tyler immediately reviewed the Constitution and By-Laws. The latter required standing committees of Membership, Program, Awards and Funds, and Nominations. The **Program Committee**, comprising three members, one of whom was the ASP Secretary, with the other two appointed by the President, is responsible for planning the program for the next Annual Meeting whose format included a meeting of the Executive Committee on the day prior to the start of the Annual Meeting, and concluded with the Annual Business Meeting. The **Awards and Funds Committee**, consisting of the ASP Treasurer as Chair and two members appointed by the Executive Committee, is responsible for funds presented to the Society, as well as determining the policy for disbursement. The **Nominating Committee**, elected each year at the Business Meeting, is responsible for presenting the names of at least two candidates for each elective office at the Annual Meeting. The Constitution provided for **four categories of membership**: Active, Associate, Honorary, and Patron. The annual dues for Active members were \$5 and for Associate members, \$2. Patron memberships were open to any person or organization contributing \$100 annually, and the selection of Honorary Members would be determined after approval of an amendment to the Constitution by the membership.

President Tyler also appointed an **Ad Hoc Publications Committee**, noting that “one of the purposes of the ASP is to provide publication of meritorious research.” He named Norman Farnsworth as Chair, along with Arthur Schwarting and Egil Ramstad. Interestingly, Schwarting, when initially proposing formalization of the Plant Science Seminar in 1958, envisioned the Society having a highly respected scientific publication in its future, and the committee spent considerable time in an effort to determine the feasibility of a Society journal. Also in late 1959, the President and the Program Committee initiated plans for the First Annual Meeting which would be held at Univ. Colorado, Boulder, in June, 1960.

1960 – First Annual Meeting in Boulder, Colorado. June 30-July 2

On June 29, the Executive Committee held its first meeting. The Ad Hoc Publications Committee, in presenting an extensive 34 page report recommended: 1. “The Society should undertake publication of a scientific journal with the first number to be issued as soon as possible.” 2. The “ASP should endorse the editorial management and publication of the journal *Lloydia* provided that a suitable financial arrangement be agreed on with the Board of Directors of the Lloyd Library and Museum.” 3. “The Executive Committee should be empowered to

conduct negotiations with *Lloydia*.” It also called for a constitutional amendment to allow creation of a Publications Committee to be comprised of an Editor and 15 additional members to be known as the Editorial Board; Arthur Schwarting was appointed as Editor, subject to approval of the above amendment. However, since no issue of *Lloydia* had been published since December, 1959, due to the illness of Editor Theodore Just, Schwarting worked diligently to complete publication of Volume 23 (1960). Another amendment to the By-Laws called for “Annual Membership dues of \$8.00 payable in the last quarter of the fiscal year for membership in the following year, and this should include a subscription to the official journal of the Society.” An Ad Hoc Committee considering **incorporation** of the Society, formed as a result of concern about possible liability to the Society, and particularly to its officers, recommended that the Society become incorporated. As of July 2, 1960, Secretary Mercer reported a membership of 137 with 131 active and associate members and 6 patron members, and the Executive Committee directed that all individuals who joined before July 3, 1960, be considered **Charter Members**. Rolf Westby was appointed to replace Secretary Mercer who had resigned, and Heber W. Youngken, Sr., Earl B. Fisher and John Seybert were selected as the first Honorary Members (approved Jan, 1961).

On June 30, the first Annual Meeting of the Society opened, and following greetings by President Tyler, the morning session continued with presentations on pharmacognosy in the undergraduate curriculum, and members were informed about the proposed Journal. An afternoon panel discussion titled “Types of Research Appropriate to Pharmacognosy” was followed by an extensive tour of Rocky Mountain National Park by attendees and their guests. On July 1, there were individual presentations by members speaking about their current research, and the first Annual Business Meeting followed with President Tyler presiding. In his report on “One Year of Activities” he explained what transpired as the Society formed and experienced its first year. Several committee reports were presented, and a Nominating Committee was elected to present a slate of nominees for election later in 1960. The Business Meeting ended late in the afternoon, and it was a happy occasion as members realized what had been accomplished in a fairly short period of time. After the meeting the Executive Committee met and approved an invitation from Dean Noel Ferguson of the Univ. Houston Pharmacy School to host the 1961 meeting.

The Office Bearers to take office at the end of the 1961 Annual Meeting were announced in November, 1960, and are named in **Table 1**. Under approved amendments to the Constitution and By-Laws, the Constitution now stated: “**Active membersh ip** shall be open to pharmacognosists of all nations and others elected to membership”; “**Honorary members** shall be selected by the Executive Committee on the basis of meritorious service to pharmacognosy and shall be exempt from payment of dues. Honorary members will be eligible to vote but will not be eligible to hold either appointed or elected offices”; and that a **Membership Committee** be created with the Vice-President as Chair, thus making Norman Farnsworth the Chair, with two other members, Bryce Douglas and Finn Sandberg, appointed by President Tyler.

Tax Exempt Status: A matter of concern to the Society in 1960 was gaining recognition by the U.S. Internal Revenue Service (IRS) as a tax exempt organization based on the fact that it was a “scientific organization.” An initial application to the IRS was rejected, but through the perseverance of several officers, particularly Norman Farnsworth, a letter was received by Farnsworth from the IRS in February 1963, stating that, “based on the evidence submitted, it is

held you are exempt from federal income tax.” This tax-exempt status has had a pronounced and positive benefit to the Society for nearly a half century.

In January, 1961, the President appointed Noel Ferguson, Lynn Brady, and Secretary Westby to the Local Program Committee for the annual meeting at Univ. Houston.

Table 1 ASP Meetings, Officers and Statistics: 1961-1965

ASP Officers, etc.	1961	1962	1963	1964	1965
Annual Meetings Location	Univ. Houston, Texas	Univ. W. Virginia, Morgantown	Univ N. Carolina, Chapel Hill	Univ. Pittsburgh, Pennsylvania	Univ. Rhode Island, Kingston
President installed	Norm Farnsworth	Jack Beal	Gordon Svoboda	Mel Gibson	David Carew
Secretary	Rolf Westby	Rolf Westby	Rolf Westby	Rolf Westby	Rolf Westby
Treasurer	Frank Crane	Frank Crane	Frank Crane	Frank Crane	Frank Crane
Exec. Com. electn.	Edson Woodward	Maynard Quimby	Varro Tyler	Harold Bailey	Leo Sciuchetti
<i>Lloydia</i> Ed.	Art Schwarting	Art Schwarting	Art Schwarting	Art Schwarting	Art Schwarting
Newsletter Ed.		Art Schwarting†		Mel Gibson	Mel Gibson
Awards/Funds	Frank Crane	Frank Crane	Frank Crane	Frank Crane	Frank Crane
Constittn/Bylaws				Lynn Brady	Lynn Brady
Membership	Jack Beal	Gordon Svoboda	Mel Gibson	David Carew	Egil Ramstad
Nominations	Heber Youngken			Jack Beal	Philip Babcock
Patron memshp		Edson Woodward	Edson Woodward	Gordon Svoboda	Gordon Svoboda
Publicity Comm	Mel Gibson		David Carew	Lee Schramm	Lee Schramm
Resolutions				Frank Pokorny	Frank Pokorny
ASP Members	208	227	190	344	320
ASP Assets	\$2,829.	\$2,883	\$1,513	\$2,571	\$5,430
<i>Lloydia</i> Papers	25	48	30	59	37
Hon. Members	Earl Fischer, John Seybert, Heber Youngken, Snr.	John Lloyd	George Trease Richard Wasicky		

†2 page “News and Events” in March issue of Vol. 26 of *Lloydia*

1961 – Second Annual Meeting in Houston, Texas. June 19-21

On June 18, the Executive Committee met at Univ. Houston with President Tyler presiding. As was common in the early Annual Meetings, the registration fee of \$3 was set at the site of the meeting. Arthur Schwarting, Editor of *Lloydia*, reported that the first number of Vol. 24 of *Lloydia* (Mar.1961) cost the Lloyd Library \$1436, and the total cost for the year was about \$5000, with the Lloyd Library contributing \$4600 and ASP \$400. An honorarium of \$600 was approved for the Editor, as well as a change in the By-Laws, namely “Beginning in 1963, the fiscal year of the Society would coincide with the calendar year.”

On June 19, the Annual Meeting began. Five one-hour invited presentations were dispersed among twenty 20 minute papers, and an afternoon was set aside for a field trip to the coastal Galveston area. On June 20, the Business Meeting was convened by President Tyler; he was the first and only president to serve for two years, the same being true of Vice-President Farnsworth. These two men did a remarkable job in organizing and leading the Society in its formation and development. President Tyler discussed some of his concerns for the future of the Society, including variation of the format for the Annual meetings. Treasurer Crane reported a balance of \$2829. The Business Meeting ended with the President installing the new officers (**Table 1**).

In the fall of 1961, the Executive Committee approved holding the Third Annual Meeting at Univ. West Virginia in Morgantown from June 11-14, 1962. The Local Program Committee comprised Jack Beal (Chair), assisted by Rolf Westby and Frank O’Connell.

1962 – Third Annual Meeting in Morgantown, West. Virginia, June 11-14

The Annual Meeting opened on June 11 at Univ. West Virginia, differing from previous meetings in that a planned symposium was held in addition to the presentation of individual papers. The Symposium title was “The Search for New Medicinal Agents in Plants”, and included eight invited speakers: Raymond Gosselin, Richard Schultes, George Cosmides, John Fogg, Monroe Wall, Bruce Halstead, Finn Sandberg and Harold Boaz.

The Business Meeting took place with President Farnsworth presiding. A treasury balance of \$2883 was announced, while Editor Schwarting reported successful publication of the first volume of *Lloydia* under joint sponsorship of the Society and the Lloyd Library and Museum. Membership stood at 227 as of June 1. The Resolutions Committee recognized the recent research by Gordon Svoboda on the alkaloids of *Catharanthus roseus* and its important potential in the chemotherapy of cancer, and instructed the Executive Committee to take appropriate measures to submit his name for the American Foundation for Pharmaceutical Education – American Pharmaceutical Association Research Achievement Award in Natural Products for 1963. The Business Meeting ended with installation of officers (**Table 1**). At the banquet President Farnsworth presented Honorary Membership to John Thomas Lloyd (in absentia).

In December 1962, it was announced that the Fourth Annual Meeting would be held on at the Univ. North Carolina in July, 1963. Local Program and Scientific Program Committee Chairs would be Jack L. Weir and William Kelleher, respectively. In May 1963, it was announced that ASP President-Elect Gordon Svoboda would receive the APhA Research Achievement Award in Natural Products for 1963.

1963 – Fourth Annual Meeting in Chapel Hill, North Carolina. July 18-20

The Executive Committee met on July 17 at Univ. North Carolina, and approved a registration fee of \$10.00, with graduate students being exempt. Also approved was an honorarium of \$1000 for the Editor of *Lloydia* for 1963, and the nomination of George E. Trease and Richard Wasicky as Honorary Members. An invitation from Univ. Pittsburgh for the 1964 meeting was accepted. On July 20, another brief meeting was held at which the Patron Membership Committee reported there were 19 Patron Members, and that Ralph Blomster would be Chairman of the Local Program Committee for the meeting in Pittsburgh; a registration fee was set at \$10.00 for members \$15.00 for non-members, with graduate students again being exempt.

The Annual Meeting opened on July 18 with 102 registrants. The first day was devoted to two sessions of a “Symposium on the Biosynthesis of Natural Products” with Ross Baxter, Stewart Brown, John Corcoran, R. F. Dawson, D. R. Christman and Robert D. Mari as speakers. The remainder of the program included some thirty oral presentations. At the Business Meeting, the new officers were installed (**Table 1**)

1964 – Fifth Annual Meeting in Pittsburgh, Pennsylvania. June 22-23

The Annual Meeting started on June 21 when the Executive Committee met in the School of Pharmacy at Univ. Pittsburgh. President Svoboda presided. The Awards and Funds Committee announced that its recommendations for the Newcomb Memorial Award had been approved by the American Council on Pharmaceutical Education, and the Constitution and By-Laws Committee submitted an amendment to change the By-Laws to read: “The Secretary shall receive nominations for membership endorsed by at least one active member in good standing in the Society.” Also approved was a change to make “the Board of Directors and the Executive

Committee one and the same”, and the Committee ruled that “Patron members shall have no voting rights.”

On July 22, the Annual Meeting started with a “Symposium on the Chemistry and Biological Activity of *Catharanthus*, *Vinca* and related Alkaloids” set in Scaife Hall auditorium, with the large, curved stage ringed with pots of flowering *Vinca* plants making an impressive sight, and clearly reflecting the efforts of the Local Program Committee (Dean Joseph Bianculli and Ralph Blomster). Some 29 scientists were invited to participate in this outstanding symposium which was organized by Chairman Norman Farnsworth and his Scientific Program Committee. In addition, there were 19 other natural products research presentations. All attendees were taken to the “Gateway Clipper” for an evening cruise on the Allegheny, Monongahela, and Ohio Rivers, featuring an onboard bar which initiated the serving of an alcoholic beverage called the “Vincatini.” Next morning President Svoboda conducted the Business Meeting, and reported the loss of two distinguished members, Heber W. Youngken, Sr. and Marin S. Dunn, since the last Annual Meeting. The Treasurer reported treasury balances of \$1513 in July, 1963, and \$2571 on May 15, 1964. Editor Schwarting announced that the papers from the Pittsburgh Symposium would appear in the December issue of *Lloydia*. Membership Committee Chair, Melvin Gibson, reported 344 members and 23 Patron Members. The meeting ended with the installation of officers (**Table 1**).

In February, 1965, it was announced that the Sixth Annual ASP Meeting and the Spring Meeting of the Society for Economic Botany (SEB.) would be held jointly at Univ. Rhode Island, Kingston, in June, 1965. The Program Committee would include Leonard Worthen (Chairman), Daniel P.N. Tsao, Heber W. Youngken, Jr. and Rolf Westby.

1965 – Sixth Annual Meeting in Kingston, Rhode Island. June 15-18

The Executive Committee met at the Univ. Rhode Island on June 14, with President Gibson presiding. Positive comments about the **ASP Newsletter** reflected well on the work of the Editor, Melvin Gibson, and approval was given for the Newsletter to be a permanent publication of the Society. Also approved were dues increases for US and Canadian members to \$15.00 and foreign members to \$10.00.

The Annual Meeting opened on June 15, and several pharmacognosists from Europe were in attendance for the first time. A significant part of the scientific program was a “Symposium on Chemotherapy.” With financial support from the NIH, the Society was able to attract outstanding symposium speakers, including Ralph Alston, Darnley Gibbs, Robert Hegnauer, Kurt Mothes, Tony Swain and G.H.N. Towers. One evening included a clambake on the beach at Narragansett Bay. President Gibson presided over the Business Meeting, and announced that Arthur Schwarting had agreed to serve another five year term as Editor of *Lloydia*. He thought the most serious problem facing the Society was appropriate financing, and Gordon Svoboda, Chair of the Patron Membership Committee, reported that his committee, in consultation with the Executive Committee, recommended that three levels of Patronage, Benefactor, Sustaining Member, and Patron, be established. Treasurer Crane announced a treasury balance of \$5429. As of June 1, the membership totaled 320, not including Patron members. The Meeting ended with the installation of the officers for 1965-66 (**Table 1**).

The Executive Committee met briefly after the Business Meeting, and decided to hold the Seventh Annual Meeting at Univ. Minnesota in July, 1966, with a proposed symposium on “Natural Products in Mental Health.” Based on a thorough study of the existing Constitution and

By-Laws during 1964-65, the Constitution and By-Laws Committee, chaired by Lynn Brady, recommended many changes which the Executive Committee placed before the membership on the ballot in the 1965 Fall election. As a result of this election, a revised and updated Constitution and By-Laws was approved and published, and new office bearers for 1966 were announced (**Table 2**). In July 1965, 17 individuals recommended by Editor Schwarting for new 5 year terms on the *Lloydia* Editorial Board, were approved by the Executive Committee. In early 1996, the Committee accepted with regret the resignation of Frank Crane as Treasurer after having served superbly since the formation of the Society, and approved Len Worthen as his successor.

1966 – Seventh Annual Meeting in Minneapolis, Minnesota. July 6-9

On July 5, the Executive Committee met at Univ. Minnesota. Following remarks by President Carew, officers and committee chairs reported on their activities. The Local Program Committee Chair, Lee Schramm, reported pre-registration of over 100 for this meeting, and Secretary Westby noted that new membership application forms reflected a dues increase which would take effect January 1, 1967. The Committee voted to institute an annual audit of the Society financial records by a committee appointed by the President. Membership Committee Chair, Egil Ramstad, reported a membership of 327, and led a discussion on the selection of Honorary Members. Norman Farnsworth gave a brief report on the progress of the Brochure Committee which had been working for some time designing a new brochure for the Society. After discussion of the possibility of having a symposium as part of every Annual Meeting, the consensus was that, while valuable, it is not necessary to schedule a symposium as part of every Annual Meeting.

The Annual Meeting opened on July 6 in the Mayo Auditorium. The program, organized by John Staba and his Scientific Program Committee, included two sessions of a symposium titled “Natural Products in Mental Health,” and four sessions having themes of Plant Tissue Culture, Phytochemistry I, Phytochemistry II, and Biosynthesis of Alkaloids. The Business Meeting followed with President Carew presiding. Committee reports were presented and accepted, and the Nominating committee named members for election to office in the Fall election. The Meeting ended following the installation of officers for 1966-67 (**Table 2**). The Annual Meeting banquet on July 8 featured Frank C. Miller as speaker on the topic, “Mayan Medicine.”

1967 – Eighth Annual Meeting in Ann Arbor, Michigan. June 26-27

The Business Meeting was held at the Univ. Michigan on June 27. President Ramstad announced the formation of a committee under Art Schwarting to discuss correlation of activities with the recently formed Academy of Pharmaceutical Sciences (APhA; formerly American Pharmaceutical Association) section on pharmacognosy and natural products. Mel Gibson reported that, despite an extensive letter-writing campaign to Foundations asking for support of ASP activities, only a one-time donation of \$250 was received from the Schering Foundation. Mel concluded that pharmaceutical industry foundations are not interested in providing this type of support, and that the ASP needs to find funding from within its own organizational structure. Mel also reported that the Newsletter appears to be popular in Europe, but needs more support from US members. Regarding *Lloydia*, Editor Schwarting reported a distribution of 900 copies, and proposed encouraging authors of papers to make a voluntary payment of \$15 per page, to be covered by their institutions or from relevant research funds, as a means of reducing publication costs. The Publicity Committee noted that *Lloydia* was currently abstracted by only 4 services, and efforts were being made to expand to other abstracting services, while a special *Lloydia*

Promotion Committee under Chair Bob Raffauf, presented plans for distribution of a promotional flyer to institutions and key individuals currently not subscribing to the journal. The Membership Committee reported some success in a membership recruitment drive through distribution of a questionnaire and ASP Brochures to pharmacognosy teachers at US and Canadian colleges, and urged each member to recruit at least one new active member in the following year. The Patron Membership Committee reported a total of \$1,750 support from 19 companies Varro Tyler announced that an invitation for a joint meeting in Vienna, Austria, had been received from the Deutsche Gesellschaft für Arzneimittelforschung during the last week of July, 1970. The meeting ended following the installation of officers for 1967-68 (**Table 2**).

Table 2 ASP Meetings, Officers and Statistics: 1966-1970

ASP Officers, etc.	1966	1967	1968	1969	1970
Annual Meetings Location	Univ. Minnesota, Minneapolis	Univ. Michigan, Ann Arbor	Univ. Iowa, Iowa City	Oregon State Univ., Corvallis	Organisch Chem. Inst., Univ. Vienna
President installed	Egil Ramstad	Maynard Quimby	Elmore Taylor	Heber Youngken	Lynn Brady
Secretary	Rolf Westby	Rolf Westby	Rolf Westby	Rolf Westby	Jack Weir
Treasurer	Leonard Worthen	Leonard Worthen	Leonard Worthen	Leonard Worthen	Leonard Worthen
Exec. Com. electn	John Staba	William Kelleher	Norm. Farnsworth	Heinz Floss	Philip Babcock
<i>Lloydia</i> Ed.	Art Schwarting	Art Schwarting	Art Schwarting	Art Schwarting	Art Schwarting
Newsletter Ed.	Mel Gibson	Mel Gibson	Mel Gibson	Ralph Blomster	Ralph Blomster
Auditing	Frank Pokorny	Carl Johnson	Carman Bliss		Kenneth Redman
Awards/Funds	Mel Gibson	Leonard Worthen	Leonard Worthen	Leonard Worthen	Leonard Worthen
Constitn/By-laws	Lynn Brady	Lynn Brady	Harold Bailey	Harold Bailey	Philip Catalfomo
Membership	Maynard Quimby	Elmore Taylor	H. Youngken	Lynn Brady	John Staba
Hon. Memshp			Egil Ramstad	Mel Gibson	
Nominations	Jack Beal	James Robbers	Jack Beal	John Cassady	Lee Schramm
Patron Memshp	Gordon Svoboda	Varro Tyler	Varro Tyler	Varro Tyler	Varro Tyler
Publicity Comm	Mel Gibson	Jerry McLaughlin	Jerry McLaughlin	George Constantine	John Cassady
Resolutions		Harold Bailey	R. M. Doughty	A. M. Goodeve	Heinz Floss
Active Members	327	386	427	431	417
Assoc. Members	10	22	25	25	11
ASP Assets	\$4,923	\$1,318	\$2,607	\$9,016	\$16,287
<i>Lloydia</i> Papers	39	41	30	49	40
Hon. Mems. elected	Richard Wasicky	Tatsuo Kariyone			Robert Hegnauer Frant Santavy

The Annual Meeting was organized by Richard Deno and Ara Paul, with the Scientific Program Committee being chaired by Govind Kapadia. Program sessions were chaired by Bob Raffauf, Joe Schradie, John Staba and Elmore Taylor.

1968 – Ninth Annual Meeting in Iowa City, Iowa. July 23-26

The business meeting was held at the Univ. Iowa on June 27 with President Quimby presiding. Deceased members C. Albers and G. Fukuchi were remembered. The Awards and Funds Committee proposed that a \$3 voluntary contribution to a Symposium Fund be added to the \$15 membership fee in order to sponsor Symposia at annual meetings. Editor Art Schwarting stated that *Lloydia* was now as widely abstracted as can be expected (by 26 services). A voluntary page charge had been instituted with the March, 1968 issue, and while there had been alarm expressed

by some authors, the response generally had been favorable. The new member recruitment campaign had continued over the past year, and resulted in 94 new members, 76 of whom had been recruited through personal contact by current members. Of the 418 active members, 133 were from foreign countries. The Patron Membership Committee reported a total of \$1,300 support from 9 companies. In addition, 4 companies sponsored the Symposium with an amount totaling \$750. The Publicity Committee sent information on the Society to 203 foreign and 74 US colleges of pharmacy, as well as 31 companies, 17 related societies and 72 journals and periodicals, and succeeded in qualifying the ASP to be listed in the 1968-69 Yearbook of International Organizations to be published by the Union of International Organizations, headquartered in Brussels, Belgium.

A **Life Membership Committee** established by President Quimby in Nov., 1967, under the chairmanship of Lee Schramm, presented a detailed report, and recommended that the Constitution and By-Laws be amended to allow for Life Membership being open to all US and Canadian active members on payment of an amount equal to 30 times the annual dues. The Treasurer would invest the funds collected in an interest-bearing bank account, and withdraw an amount equivalent to the annual dues each year for Society use. The report was accepted by those present. The *Lloydia* Promotion Committee under Chair Farnsworth reported that a list of 400 names of individuals not subscribing to the journal, or affiliated to non-subscribing institutions had been compiled, and was to be expanded to at least 1000 names. An **Undergraduate Recognition Certificate Committee** was established by President Ramstad in 1967 under the chairmanship of Albert Awad to explore establishing an Undergraduate Pharmacognosy Scholarship Award (Honor Recognition Certificate) to promote undergraduate enthusiasm, leadership and motivation for pharmacognosy and natural products. Of 173 pharmacognosy educators and pharmacy colleges contacted in the US and Canada, over 80% approved of the idea. The Committee recommended that the ASP provide the Honor Recognition Certificate to those colleges accepting the idea, and that selection of the awardee be left to the teacher(s) at the relevant colleges, was accepted by those present. The meeting ended following the installation of officers for 1968-69 (**Table 2**).

The Local Organizing Committee chaired by David Carew, assisted by Mrs. Carew organized the Annual Meeting, while Heinz Floss chaired the Scientific Program Committee. A Symposium was organized on "Recent Advances in the Biosynthesis of Natural Products," which featured ten invited speakers (M. Zenk, E. Conn, E. Heftmann, R. Gupta, D. Groeger, E. Ramstad, L. Vining, E. Katz, D. Shepherd and A. Demain) covering higher plants, micro-organisms and regulation of secondary metabolism. There were also 51 contributed papers presented in two parallel sessions.

1969 – Tenth Annual Meeting in Corvallis, Oregon. August 18-22.

In opening the business meeting at Oregon State University, President Taylor commented on negotiations with the APhA concerning a proposed merger of the ASP with the the APhA section on Pharmacognosy and Natural Products. The APhA section would be dissolved and the new section renamed the ASP, and the new section would retain publication of *Lloydia*, amongst other things. The ASP Executive Committee considered the APhA offer not entirely satisfactory and was seeking further concessions before putting it before the full membership. The passing of Helmut Dose was remembered, and appreciation noted for his bequest of \$1,000 to the Society by the Awards and Funds Committee which also arranged for the design of the proposed Undergraduate Honor Recognition Certificate. Despite rising costs, Editor Schwarting reported that

Lloydia was now operating in the black due to support from patron members and page charges. A Supplementary number on “Alkaloid-Bearing Plants and their Contained Alkaloids (1958-68)” was soon to be published. The Publicity Committee continued to distribute information on Society activities and meetings to colleges, societies, and journals, and a special effort was made to inform industry of the Marine Biomedicinals Symposium and recruit new patron members. The Patron Membership Committee reported a total of \$2,000 support from 12 companies. The Constitution and By-Laws Committee recommended amendments: requiring the advance (2 years) appointment, by the President, of Scientific and Local Program Committees to organize annual meetings; the institution of Life Memberships as discussed above under the 1968 Meeting.

An **Ad Hoc Committee on Special Education** established by President Taylor in November, 1968, recommended promoting the correct image of pharmacognosy and eliminating “weeds and seeds” teaching at the undergraduate level by instituting: a lectureship program at certain colleges of pharmacy; through the preparation and distribution of teaching aids, such as suitable textbooks and visual aids; and the preparation of a position paper on the role of pharmacognosy in the undergraduate professional program. Another ad hoc committee appointed by President Taylor prepared a “Crude Drug Information Form” requesting information on folkloric medicines encountered by American physicians volunteering their time assisting in hospitals and clinics in less developed regions (AMDOC Program). Samples of these medicines could be provided to ASP members for phytochemical and pharmacological screening. The meeting ended following the installation of officers for 1969-70 (**Table 2**).

The annual meeting, organized by the Local Program Committee under the chairmanship of George Constantine assisted by Mrs. Constantine, was attended by a total of 193 persons (117 paid registrants). The Scientific Program Committee chaired by Phil Catalfomo invited 7 experts to participate in a Symposium on Marine Biomedicinals, which focused on the diverse ocean flora and fauna available for investigation, and the isolation of some new bioactive and economically valuable compounds. Visits were arranged to the OSU marine research facilities and research vessels. In addition, 42 other contributions were presented in separate sessions.

1970 – 11th Annual Meeting in Vienna, Austria. Joint Meeting with the Gesellschaft für Arzneipflanzenforschung (GA). July 27-31.

The business meeting was held at the Organisch-Chemisches Institut, University of Vienna, on July 28 with President Youngken, Jr. presiding. Deceased members E. Claus, R. Deno and M. Nyles were remembered. Reports of the Membership and Publicity Committees were brief in recognition of the pending membership decision concerning amalgamation with the APhA. The Patron Membership Committee reported a total of \$2,400 support from 16 companies. Editor Schwarting reported continuing rising publication costs for *Lloydia*, and that no significant impact had been made on the subscription lists by the efforts of the Committee to Promote *Lloydia*. The position paper on the role of pharmacognosy in the undergraduate professional program was being finalized. 1000 copies of the “Crude Drug Information Form” had been provided to AMDOC, and 17 laboratories had volunteered to examine materials provided by AMDOC volunteers; thus far only two samples had been received.

An ad hoc committee appointed by President Youngken, Jr. and chaired by Gordon Svoboda met in early 1970 with a committee of the APhA to discuss the proposed **amalgamation of ASP and the Academy of Pharmaceutical Sciences (AphA) Pharmacognosy and Natural Products**

Section. A letter of agreement was drafted and approved by the Executive Committees of both bodies, and the ASP Executive Committee voted unanimously to refer a revision of the ASP Constitution and By-Laws which would effect such a reorganization to the ASP membership for vote on the next ballot. Details of the Constitutional/By-Laws revision which would become the Procedural Guide of the new ASP Section of APhA were presented and approved. The meeting ended following the installation of officers for 1970-71 (**Table 2**).

The Local Organizing Committee of the Joint ASP/GA meeting was chaired by Prof. Jentzch, while Norman Farnsworth and Varro Tyler co-chaired the Scientific Program Committee. The meeting featured a Symposium on “Plant Constituents with Cardiac and Circulatory Activity.” This meeting had been planned for some three years in terms of arranging group air travel by ASP members, and a 10-day guided tour of prime sights in Denmark, Germany, Switzerland and Austria prior to the meeting in Vienna. Members participated in a pre-meeting International Symposium on Pharmacognosy and Phytochemistry organized by Professors Hörhammer and Wagner at the Institut für Pharmazeutische Arzneimittellehre der Universität München. It was agreed that another joint ASP/GA meeting should be held in the US in the next 4-5 years.

1971 – 12th Annual Meeting in Washington, D.C. Joint Meeting with the 31st International Congress of Pharmaceutical Sciences. September 7-12.

The business meeting was held at the Sheraton Park Hotel on September 10 with President Lynn Brady presiding. Deceased members L. Buchalter, J. T. Lloyd, S. Takahashi and R. Wasicky were remembered. Editor Schwarting reported that 1,800 copies of the *Lloydia* Supplementary number on “Alkaloid-Bearing Plants and their Contained Alkaloids (1958-68)” was published in 1970. Bill Kelleher was appointed as Associate Editor of *Lloydia*. The Publicity Committee reported that the program with AMDOC for examination of folkloric medicines had been discontinued due to lack of samples, and that 29 of 37 abstracting services surveyed now abstract *Lloydia*. The Membership Committee contacted 114 individuals who had not renewed their memberships, encouraging them to renew, and recommended that this practice be continued since it was moderately successful. The Patron Membership Committee reported that 13 companies had contributed a total of \$2,100. The Constitution and By-Laws Committee recommended that the Constitution be amended to reflect that the Treasurer be a member, but not chair, of the Awards and Funds Committee; **that a non-honorary Life Membership provision not be established in the Constitution** ; and that annual dues be raised to \$17 for members residing in the US and Canada, and to \$12 for others. **The Special Committee established under the chairmanship of Gordon Svoboda to explore affiliation of ASP with the APhA Pharmacognosy and Natural Products Section reported that, despite the fact that all the ASP special considerations had been met by the APhA, the proposed affiliation was defeated by the ASP membership in a mail ballot; the matter was now a dead issue.** The meeting ended following the installation of officers for 1971-72 (**Table 3**).

The ASP and APhA cosponsored a Colloquium on “New Knowledge of Biological Control Mechanisms Related to Natural Products” on September 10 with lectures by three invited speakers. Of 99 contributed papers accepted at the International Congress, 23 were presented in the Pharmacognosy and Natural Products Section on September 11.

1972 – 13th Annual Meeting in Columbus, Ohio. July 20-22.

The business meeting was held at the Fawcett Center for Tomorrow at The Ohio State University on July 22, with President John Staba presiding. Editor Schwarting acknowledged the excellent

service provided by Associate Editor, Bill Kelleher, in the editing of papers for *Lloydia*. The Patron Membership Committee noted that the number of companies supporting the Society had eroded, probably due to prevailing economic conditions; only 9 companies had contributed \$1,300. The Publicity Committee continued to distribute information on Society activities and meetings widely. A special committee chaired by Lynn Brady reviewed and approved the **“History of the Plant Science Seminar” prepared by Dr. Anna Koffler Wannamaker**. Due to an expected limited demand, publication as a supplement to *Lloydia* or as a special Society publication was ruled out, but Xerox copies would be presented to the American Institute for the History of Pharmacy, the American Pharmaceutical Association, the Lloyd Library, and to Dr. Wannamaker, and one copy was to be retained for the ASP archives. The meeting ended following the installation of officers for 1972-73 (**Table 3**).

The Local Program Committee for the annual meeting was chaired by Jack Beal, with the Women’s Program Committee being led by Mrs. Earlene Beal. The Scientific Program Committee under the chairmanship of Jim Robbers arranged for a short Symposium on “Modern Instrumental Methods in Natural Products Research” which was aimed at attracting medicinal chemists who were attending an American Association of Colleges of Pharmacy (AAPC) Teachers’ Seminar, which immediately preceded the ASP meeting. Six invited speakers gave an overview of developments in instrumental methods useful in solving structural elucidation and biosynthetic problems. Presentations would be published in the December, 1972, volume of *Lloydia*. In addition, 52 contributed papers were presented in two parallel sessions.

Table 3 ASP Meetings, Officers and Statistics: 1971-1975

ASP Officers, etc.	1971	1972	1973	1974	1975
Annual Meetings Location	Sheraton-Park Hotel Washington, DC	Fawcett Ctr of Tomorrow, Columbus, OH	Atlantic Carriage Inn, Jekyll Is., Georgia	Univ Illinois Medical Center, Chicago	Bishop Center, Univ Connecticut, Storrs
President installed	John Staba	Ralph Blomster	William Kelleher	Leonard Worthen	Philip Catalfomo
Secretary	Jack Weir	Jack Weir	Jack Weir	Jack Weir	Jack Weir
Treasurer	Leonard Worthen	Len Worthen	Frank O’Connell	Frank O’Connell	Frank O’Connell
Exec. Com. electn	Philip Catalfomo	Jack Beal	Rolf Westby	Jerry McLaughlin	Georgia Persinos
<i>Lloydia</i> Ed.	Art Schwarting	Art Schwarting	Art Schwarting	Art Schwarting	Art Schwarting
Newsletter Ed.	Ralph Blomster	Ralph Blomster	Ralph Blomster	Ralph Blomster	Ralph Blomster
Auditing	Govind Kapadia	Harry Fong	Lee Schramm	Guy Gibson	Albert Awad
Awards/Funds	Leonard Worthen	Joseph Schradie		Gerald Sullivan	
Constitution/ By-laws	Ara Paul			David Carew	Paul Schiff
Membership	Ralph Blomster	Bill Kelleher	Leonard Worthen	Philip Catalfomo	George Constantine
Hon. Membership	Norman Farnsworth	Rolf Westby	Philip Catalfomo		
Nominations	David Carew	George Hatfield	Joseph Knapp	Harry Fong	David Carew
Patron memshp	Varro Tyler	Alvin Segelman	Alvin Segelman	Alvin Segelman	Alvin Segelman
Publicity Comm	John Cassidy	John Cassidy	John Leary	George Constantine	Carlton Turner
Resolutions	Ara Dermarderosian	Joseph Schradie	David Carew	Ara Dermarderosian	Ara Dermarderosian
Active Members	417	342	378	380	375
Assoc. Members	11	14	19	25	17
ASP Assets	\$10,076	\$19,139	\$24,153	\$21,557	\$11,997
<i>Lloydia</i> Papers	41	42	38	47	64
Hon. Members elected			Jonathan Hartwell John Willaman	Albert Hoffmann Kurt Mothes	

1973 – 14th Annual Meeting in Jekyll Island, Georgia. July 15-20.

The business meeting was held at the Atlantic Carriage Inn on July 20, with President Ralph Blomster presiding. The Secretary distributed a copy of the “History of the Plant Science Seminar” prepared by Anna Wannamaker for inspection and orders from interested members. The passing of R. Bachman, John Seybert, Albert Smith, Thomas Wallis and Richard Wasicky was remembered. The Awards and Funds Committee reported the design (by Thomas Durnford, Sylvania, Ohio) and preparation of honorary membership certificates, as well as the preparation of a plaque honoring the service of Rolf Westby as secretary from 1960-70. The Publicity Committee distributed information on the current meeting, as well as a report on the 1972 Symposium titled “Instruments in Natural Products Research” which was published in *Science*. Patron Membership support continued to be disappointing, with \$1,400 being contributed by 10 companies; the Committee proposed to expand the solicitation for support beyond the pharmaceutical industry to manufacturers of chemicals, scientific equipment and related items. The meeting ended following the installation of officers for 1973-74 (**Table 3**).

The Local Program Committee for the annual meeting was chaired by Lee Schramm, while Sid Stohs chaired the Scientific Program Committee. The meeting, which was held jointly with the APhA Pharmacognosy and Natural Products Section, was planned for 4 to 4.5 days, with a half day for relaxation. 101 ASP and APhA registrants, 22 graduate students, and 42 spouses were in attendance. 1.5 days were devoted to a Symposium entitled “Biotransformations and Fermentations” covering plant, microbial and mammalian biotransformations, and allowing for the selection of 9 speakers, including some from several areas in which ASP members were not particularly active. In addition, there were 56 contributed papers.

1974 – 15th Annual Meeting in Chicago, IL. August 3-8.

In opening the business meeting at the College of Pharmacy at the University of Illinois (UIC) Medical Center, President Kelleher noted that the ASP membership was about 15% below its peak in 1969, and that escalating costs was causing concerns about the future financing of *Lloydia*, a situation confirmed by Editor Schwarting. The Publications Committee reported that an excellent summary of the 1973 Symposium on “Biotransformations and Fermentations” had been prepared by Jack Rosazza and published in *Science*, and that several requests for further information on the Symposium had been received from various publishing companies. The Membership Committee contacted 78 individuals who had not renewed their memberships, and evidently several had responded favorably. The Patron membership had improved considerably from the previous year, with 9 companies contributing \$2,200, including \$1,000 (Benefactor membership) from Dr. Madis Laboratories.

A Special Committee, appointed in 1973 by President Kelleher and chaired by Art Schwarting, to consider the award of a prize “to promote pharmacognosy research and to promote *Lloydia*” concluded that such an award would not achieve the stated aims. Suggestions offered for achieving the aims included bimonthly publication, shortening the time of publication, publishing more and “better” papers from present members and subscribers, and increasing the circulation and visibility of the journal. Another ad hoc committee appointed by President Kelleher considered the selection of an official logo for the Society which reflected the meaning of pharmacognosy, but was also simple and aesthetically appealing. Five designs were circulated to all US members, and following a good response, two were offered for consideration by those present at the business meeting. One was selected and is currently in use on Society stationery. The meeting ended following the installation of officers for 1974-75 (**Table 3**).

The annual meeting was held at Conrad Hilton Hotel. The Local Program Committee was chaired by Norman Farnsworth, and Harry Fong chaired the Scientific Program Committee. The Symposium theme was “The Chemical and Biological Activities of Natural Toxins” and three sessions were addressed by six invited speakers. 52 contributed papers were presented in five sessions, the last two of these being held at the UIC College of Pharmacy. The meeting was again held jointly with the APhA Pharmacognosy and Natural Products Section which was most cooperative in sponsoring the invited speakers and meeting rooms and equipment at the hotel.

1975 – 16th Annual Meeting in Storrs, Connecticut. Second Joint Meeting with the Gesellschaft für Arzneipflanzenforschung (GA). July 27-August 2

President Len Worthen, in opening the business meeting held at the Bishop Center, University of Connecticut, noted that having joint meetings with other pharmaceutical and pharmacy organizations gives pharmacognosy a stronger voice in the pharmacy profession, and urged ASP members to actively recruit new members. In his report on *Lloydia*, Editor Schwarting emphasized the healthy growth of the journal, but noted that this was coupled with rapidly rising costs. Having been authorized by the Executive Committee, he negotiated a new agreement with the Trustees of the Lloyd Library and Museum resulting in their increasing their annual support, increased subscription rates to non-members, and a change from quarterly to bimonthly publication. The cost of reprints and page charges were also increased. He also presented an analysis of manuscript submissions and financial details for the 14 year period of publication which showed that the submission rate in 1974 was highest, and that the 1974 volume was the largest and most costly. He urged members to submit their own manuscripts and solicit appropriate manuscripts from colleagues and associates. The Publicity Committee arranged wide distribution of advance announcements of the joint meeting; they also contacted three TV networks concerning the possibility of presenting a special program on “Pharmacognosy” or “Drugs of Natural Origin”, and a neckwear company to explore the production of a tie bearing the ASP logo. The Membership Committee sent information of Society activities and meetings to 150 potential members, and received 12 positive responses. The Patron Membership Committee reported contributions of \$3,100 from 14 companies, while the Constitution and By-Laws Committee recommended that Active Membership dues be raised to \$25.

In view of the widespread use of non-official botanicals by the lay public as home medicinals, cosmetics, foods, etc., the President appointed an ad hoc Botanical Codex Committee under the chairmanship of Norman Farnsworth to consider the desirability of the ASP becoming involved in establishing a “Botanical Codex” that would set some standards for these products. The Chair distributed a brief description of the need for such a project to each of the 7 committee members, and received unanimous endorsement of the ASP undertaking the project. Questions related to preparing a Codex which needed to be addressed were: which botanicals would be included; criteria for acceptability of a botanical with regard to standards; who would conduct the necessary research in establishing appropriate standards, and who would finance the research and preparation of the Codex; should cooperation of other groups be sought in sponsoring the Codex; would the Codex duplicate work contemplated by the official compendia; what validity status would the Codex have with the botanical industry. In view of these questions, the Committee recommended that the Executive Committee reappoint the members for another year. The meeting ended following the installation of officers for 1975-76 (**Table 3**).

The joint ASP/GA meeting was attended by 17 European and 63 US registrants, accompanied by 19 dependents. The Local Program Committee was co-chaired by Bill Kelleher and E. Mechler (Univ. Tübingen), while Michael Edwards and H. Friedrich (Univ. Münster) co-chaired the Scientific Program Committee. Eight invited speakers (1 ASP and 2 GA members, and 5 other US) participated in a Symposium on “Natural Flavors and Odors.” Two special lectures were given by Honorary Membership recipients, Albert Hofmann and Kurt Mothes, and there were 60 contributed papers, 46 from the US, 12 from Europe and the Middle East, and one each from the Philippines and South America. GA, with help from the ASP organizers, arranged a pre-meeting botanical trip through New England, and a post-meeting sight-seeing trip ranging from New York to North Carolina.

ASP HISTORY 1976-1980

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Introduction

The period 1976-1980 saw a number of significant developments in the Society. The number of active and associate members grew from 314 in 1976 to 487 in 1980, while the annual dues rose from \$20 to \$25. In 1977, Jack Beal took over as the Editor of *Lloydia* from Art Schwarting who had served with distinction for 16 years. **On January 1, 1979, the journal name was changed from *Lloydia* to the *Journal of Natural Products (JNP)***, with the approval of the Society and the Trustees of the Lloyd Library, Cincinnati, OH. *JNP* remains to-date as the official ASP publication. During this period, the number of papers published nearly doubled from 65 in 1977 to 116 in 1980. In 1978, the Newsletter edited by Ralph Blomster was reformatted to include five sections, and in 1979, Regional Correspondents in Africa (Sudan), Europe, the UK and the US were appointed. Guidelines for the nomination and election of Honorary Members were established in 1977, and the Honorary Membership Review Committee was constituted in 1978. In 1980, criteria for evaluation of the qualifications of potential new members prior to acceptance were proposed.

During this five year period the Ad Hoc **Botanical Codex Committee** under the chairmanship of Norman Farnsworth was very active in reviewing the scientific information available for a select number of widely used botanicals with a view to the preparation of monographs, and the Chairperson met with officials of the Food and Drug Administration to discuss the issues, and the possibility of obtaining funding for the project. In retrospect, the Society was 20 years ahead of its time in recognizing the potential impact of herbal medicine (botanical dietary supplements) in the US, for it was exactly two decades later (1996) that the Congress enacted the Dietary Supplements Health Education Act (DSHEA) for regulating the commerce and use of botanicals. The Botanical Codex would have served the American public well. Further details about the above issues are provided under the annual reviews, and the list of officers who served in leadership positions is given in **Table 4** below, which also includes the location of the annual meetings and figures related to membership, numbers of papers published in the Journal, and annual budgets.

1976 – 17th Annual Meeting in Cable, Wisconsin. July 11-16

The meeting was attended by 154 delegates, including 37 grad students. Deceased member Ludwig Hörhammer was remembered. The theme of the meeting was “Naturally Occurring

Antitumor Agents of Clinical Interest”, and the Program Committee, chaired by John Cassady, invited eight experts in the field, to deliver plenary lectures. In addition, there were 60 contributed papers. There were no parallel sessions despite having two free afternoons, during which the participants availed themselves of such local attractions as canoeing and bar hopping (a single bar located in the middle of a nowhere rural setting). Delegates were accompanied by 50 wives and 45 children at what turned out to be the first of the ASP meetings to be held in hotels/resorts instead of the former college/university classroom and dormitory settings. The Publicity Committee sent notices of the meeting to 95 pharmacy-related journals and 40 radio and TV stations. An unsuccessful attempt was made to obtain funding from the National Institute of Drug Abuse for establishing laboratories to perform x-ray crystallography on drugs of natural origin. The Patron Membership Committee reported a total of \$2,900 support from 12 companies.

Table 4 ASP Meetings, Officers and Statistics: 1976-1980

ASP Officers, etc.	1976	1977	1978	1979	1980
Annual Meetings Location	Telemark Lodge Cable, WI	Olympic Hotel Seattle, WA	Univ. Oklahoma Stillwater, OK	Purdue Univ. West Lafayette	Fac. de Medicine Strasbourg
President	Phil Catalfomo	G. Constantine	Heinz Floss	Harry Fong	James Robbers
Secretary	Jack Weir	Jack Weir	Jack Weir	Jack Weir	Larry Robertson
Treasurer	Lee Schramm	Lee Schramm	Lee Schramm	Lee Schramm	Lee Schramm
Exec Comm election	Paul Schiff	John Rosazza	Michael Edwards	John Cassady	John Cassady
AGM Chr	John Cassady	Lynn Brady	George Waller	James Robbers	Prof. Anton
AGM Program Chr	Gordon Svoboda	Larry Robertson	Paul Schiff	C. J. Chang	Heinz Floss
<i>Lloydia</i> Ed.	Art Schwarting	Jack Beal	Jack Beal		
<i>J. Nat. Prod.</i> Ed.				Jack Beal	Jack Beal
Newsletter Ed.	Ralph Blomster	Ralph Blomster	Ralph Blomster	Ralph Blomster	Ralph Blomster
Auditing	Philip Babcock	Albert Awad	Albert Awad	Joseph Knapp	William Keller
Awards/Funds	Gerald Sullivan	Gary Elmer	Marilyn Speedie	Marilyn Speedie	Marilyn Speedie
Constitution/ By-laws	Paul Schiff	John Rosazza	Robert Dobberstein	Robert Krueger	Ted Nettleton
Hon. Mem Com Chr				Gordon Svoboda	Lynn Brady
Membership	George Constantine	Heinz Floss	Harry Fong	James Robbers	Jack Weir
Nominations	David Carew	David Slatkin	George Hatfield	Jim Dusenberry	George Constantine
Patron membership	Alvin Segelman	Alvin Segelman	Alvin Segelman	Alvin Segelman	Alvin Segelman
Publicity Comm	Carlton Turner	Carlton Turner	David Slatkin	David Slatkin	David Slatkin
Resolutions	Joseph Schradie	Frank O’Connell	Jack Weir	J. Schradie	Peter Heinstein
ASP New Members	30	68	78	83	91
ASP Members	314	368	353	428	487
ASP Assets	\$34,874	\$42,413.	\$59,121	\$54,851	\$56,318
<i>Lloydia</i> Papers	65	89	106		
<i>J. Nat. Prod.</i> papers				122	116
Hon member elected	-	-	-	-	-

The Ad Hoc Botanical Codex Committee chaired by Norman Farnsworth had been charged to determine the feasibility and/or desirability for the ASP to pursue the preparation of a Botanical Codex. From lists of popular plant and zoological materials provided by three companies, it was apparent that there were a number of products that deserved attention regarding the need to have some form of quality standards set for them. It was noted that the British Herbal Medicine Association had published a “British Herbal Pharmacopeia”, but it was decided that the ASP should proceed with the project using the British Pharmacopeia as a model. The first task would be checking for existent monographs, then acquiring authentic samples of selected products for analysis using generally applicable methods and establishing the reproducibility of results.

Following editorial treatment, results would need to be published. After assessing costs and exploring possible sources of funding, groups would have to be found agreeing to undertake the above tasks, and the potential use of the Codex determined, if available.

1977 – 18th Annual Meeting in Seattle, Washington. July 11-13

The meeting was attended by 99 delegates, including 4 Associate members. Three plenary lectures were delivered by K. Hellstrom, L. Hanka, and J. Rosazza, together with 44 contributed papers. While the attendance of 84 full ASP members was up from the 76 who attended the 1976 meeting, far fewer non-members and families participated. Deceased members remembered were Norman Foster, Panagiotis Kritikos, Morris Kupchan, Randolph Major, Robertson Pratt and Ralph Voight. The Publicity Committee sent notices of the meeting to 100 selected journals and newsletters, and to all schools of pharmacy in the US, Canada, Puerto Rico and the Philippines; 39 radio and TV stations were contacted. The Constitution and By-Laws Committee proposed lengthening the tenure of the Publicity Chair to three years, and the appointment of two additional members, each to serve one year. The Patron Membership Committee reported an estimated receipt of a total of \$3,200 support for the year, and the Chair warned against solicitations for support being sent out by more than one committee (eg., Patron, Local and Scientific Programs), and the need for greater communication among these committees.

An ad hoc committee chaired by Marilyn Speedie reported on a review conducted into the procedure used for the nomination and election of Honorary Members. In summary, the recommended guidelines established: 1. Criteria for nomination; persons who have distinguished themselves in contributing to pharmacognosy (broadly defined) and received recognition by the community of pharmacognosists. 2. Exclusivity; number not to exceed 2% of the total ASP membership. 3. Can be nominated and seconded by members of the Society in writing to the ASP Secretary. 4. Nomination to be supported unanimously by the three members of the Honorary Membership Committee, and approved by a 2/3rd vote of the Executive Committee.

In a lengthy report, the Ad Hoc Botanical Codex Committee presented plans for implementation of the preparation of a Codex by the ASP. They recommended that a 9-member working committee be appointed by the ASP President for a 5 year term with responsibility for determining a priority list of botanicals for review by qualified ASP members who would be provided with guidelines (format, instructions, and timelines) to ensure a steady flow of monographs. Support would be solicited from individuals, companies and organizations to aid in their publication and other relevant expenses, and the Editor of *Lloydia* would be approached regarding the publication of monographs in a new added section of the journal. Where gaps in suitable data existed for certain botanicals, the ASP President would be apprised, with a view to establishing a second Committee to conduct research directed at obtaining the necessary data.

1978 – 19th Annual Meeting in Stillwater, Oklahoma. August 13-17.

This was the first joint meeting with the Phytochemical Society of North America. Despite extensive publicity (1,650 preliminary program brochures distributed), the meeting was only attended by 178 delegates instead of an anticipated 300-600. Deceased member Benjamin Harris was remembered. The scientific program consisted of a symposium, "Topics in the Biochemistry of Natural Products", and 75 contributed papers from representatives of 13 countries. Invited speakers at the symposium were J. Aberhart, J. Retey, G. Ourisson, C. West, C. Coscia, R. Parry, W. Fenical, and Y. Shimizu. The final banquet was marked by a special award to Arthur Schwarting who served as editor of *Lloydia* from 1960-1976.

In 1978, the editor of the ASP Newsletter, Ralph Blomster, announced three major changes involving the development of a pool of correspondents, an editorial board, and a new format and style. The Newsletter was divided into 10 sections (Editorials, Commentary, Letters, Meeting Reports, Articles of Interest, Book Reviews, Society News, Review Alerts, New Equipment, News and Notes) heralding a significant change from the old format which relied entirely on voluntary contributions. The correspondents represented various geographical areas in the US, Europe and Asia, and assured a more timely and broader coverage of news and events. The Publicity Committee recommended recognition of Lonelle Aikman for her text entitled “Nature’s Healing Arts – From Folk Medicine to Modern Medicine”, and that a copy be sent to the Dean of each School of Pharmacy in the US. As in 1977, \$3,200 was anticipated from Patron Members.

The Constitution and By-Laws Committee proposed modification of Article VI of the Constitution to allow the appointment by the President of a standing Honorary Membership Committee of three members for a period of three years. Their duties would include receiving nominations from members and presenting recommendations to the Executive Committee. The amendments were approved by ballot of the ASP membership. The Awards and Funds Committee presented designs, sizes and costs for medals to be presented to current and future honorary members, and the Executive Committee decided to purchase 10 silver medals (2.5 inches diameter and 1/8 inch thick).

The Ad Hoc Botanical Codex Committee envisioned a Codex that would eventually include more than 300 products, and presented a list of 15 more widely used botanicals for the preparation of prototype monographs. Norman Farnsworth as Chair of the Committee wrote to the FDA Associate Director of Compliance (Joseph Hile) indicating that the ASP would like to work with the FDA on the project and included an unsolicited budget for preparation of 300-400 monographs. In a meeting with FDA representatives in Washington, DC, Norman was assured of FDA interest, and a follow-up letter with details and a budget covering all costs was requested.

1979 – 20th Annual Meeting at Purdue University, West Lafayette. July 29-August 3

The meeting was attended by 212 delegates, including 73 grad students. Deceased Honorary member Tatsuo Kariyone was remembered. The theme of the meeting was “Recent Advances in Antibiotics and Alkaloids”, invited ten experts were invited to present plenaries, including K. Rinehart, Y. Kishi, P. Wiley, Y. Okami, D. Hopwood, M. Luckner, M. H. Zenk, S. W. Pelletier, P. Potier, and E. Wenkert. In addition, there were 94 contributed papers in 6 oral and 2 poster sessions.

Despite the changes to the format and editorial management, as well as the appointment of regional correspondents, announced in 1978, the Newsletter continued to struggle, with only one number issued in 1978. The editor attributed this to lack of input from the membership, and urged the Executive Committee and members to contribute. The Publicity Committee sent copies of the Newsletter to some 60 Deans of Pharmacy Schools, as well as 71 copies Lonelle Aikman’s book, “Nature’s Healing Arts – From Folk Medicine to Modern Medicine.” As in earlier years, contributions from Patron Members were expected to amount to \$2500-3000.

The Constitution and By-Laws Committee noted that the Secretary and Treasurer are key to the smooth running of the Society, but that they were currently elected at the same time. In order to avoid the simultaneous election of new, inexperienced individuals to these key positions, it was proposed that Article V of the Constitution be amended to read: “The Secretary and Treasurer shall be elected for three year terms, and may be eligible for reelection. These offices may not be

filled in the same year.” The Awards and Funds Committee encountered problems with finalizing the production of medals for honorary members, but these were resolved with a slight increase in cost.

The Ad Hoc Botanical Codex Committee reported that a proposal to the FDA requesting \$96,319 in direct costs for the initial year of an expected four year project would probably not be funded in the “near future” due to unresolved policy decisions on the handling of natural flavors and spices (FDA considered herbal remedies as foods). The committee noted, however, that several reports had appeared related to the toxicity of Comfrey, while erroneous reporting on the toxicities of various “Pennyroyal” and Ginseng products, as well as herbal teas, had appeared. This highlighted the important role to be played by the ASP, but work on any publication of a Botanical Codex was suspended pending an FDA decision on funding. Committee members would continue to monitor the literature and apprise the FDA of any herbal preparations thought to be a potential danger to consumers, and respond to erroneous reports and interpretations of data. It also proposed a strong recommendation to the FDA regarding proper labeling of herbal teas (Latin binomial name, parts, geographic origin, lot number related to proper voucher).

1980 – 21st Annual Meeting at Université Louis Pasteur, Strasbourg. July 6-11.

This meeting was held jointly with Gesellschaft für Arzneipflanzenforschung, the Phytochemical Society of Europe, and the Association Française des Enseignants de Matière Médicale. The scientific program composed of six mini-symposia was planned by an international committee with Heinz Floss representing ASP, and included Microbial Natural Products, Natural Products of Higher Plants, Biologically Active Natural Products, Marine Natural Products, and Future Biological Production of Medicinal Agents. In addition, Norman Farnsworth proposed a WHO-sponsored symposium on biologically active plant constituents. A range of expert speakers were invited, including G. Ourisson, Y. Sugino, W. Keller-Schierlein, T. Salzmann, F. McLafferty, K. Hostettmann, P. Potier, J. Cassady, B. Witkop, C. Wermuth, H. Wagner, R. Wells, L. Minale, K. Glombitza, H. Pei-Ken, P. Delaveau, J. Bruhn, H. Goebel, R. Abbott, and E. Reinhard. Symposium lectures were published [*Natural Products as Medicinal Agents*, J. L. Beal and E. Reinhard (Eds.), Hippokrates-Verlag, Stuttgart (1981)]. A plaque was awarded to Jack Weir in appreciation of his years of service as Secretary of the Society, but unfortunately there are no further records of the scientific or local programs.

The Membership Committee carried out an intensive campaign recruiting new members, and at the request of President Robbers, prepared a special report delineating qualifications necessary for gaining membership in the Society. Applicants for membership would be required to submit information of educational background, current and previous employment, and current membership in professional societies. Applications would be screened by a committee of three members of the Executive Committee selected by the President. The Constitution and By-Laws Committee proposed that these requirements be incorporated as amendments to Article III of the Constitution and Section 3 of the By-Laws. Also recommended was an increase in membership dues to \$35 (see below). President Robbers also appointed an Ad Hoc Committee of four members chaired by Lynn Brady to review fiscal problems related to publication of *J. Nat. Prod.* Among several recommendations were increases in membership dues (from \$25 to \$35), non-member subscription rates, and reprint charges; charges for excessive corrections to galley proofs; requests to the Lloyd Foundation and Patron Members to increase their levels of support; encourage voluntary payment of page charges; limitation of pages published per volume year.

The problem of obtaining medals for honorary members was finally resolved with the purchase of bronze medals to offset the rapidly rising price of silver

Funding for the publication of the Botanical Codex as requested in 1979 was not allocated by the FDA, but the Ad Hoc Botanical Codex Committee reported that Ralph Nader had expressed concerns about the increasing use of herbal teas and asked a firm to prepare a report on “The Current Safety, Efficacy and Regulation of Herbal Teas.” The Committee Chairperson was requested to prepare the report which was ready for publication. The Committee continued to receive requests for information from the FDA and the herbal industry, all of which were answered satisfactorily. Information files continued to be built up in order to expedite the preparation of the Codex in the event of funding becoming available. It was suggested to the FDA that selected ASP members be directly involved in matters concerning herbal teas, and the continuation of the Committee for a longer period was recommended to the Executive Committee.

ASP HISTORY 1981-1985

Jack Rosazza^a and Paul L. Schiff, Jr.^b

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Introduction

The years 1981 through 1985 were a period of expansion in Society membership, and of growth and importance of the Journal. Jack Wier, Jack Rosazza, Jerry McLaughlin, Paul Schiff, Mike Edwards and Geoff Cordell were the 21st – 26th ASP Presidents, respectively during this time.

Table 5 ASP Meetings, Officers and Statistics: 1981-1985

ASP Officers, etc.	1981	1982	1983	1984	1985
Annual Meetings Location	Boston, MA	Univ. Pittsburgh, Pittsburgh, PA	Univ. Mississippi, Oxford, MS	Univ. Texas, Austin, TX	U North Carolina, Chapel Hill
President	Jack Wier	Jack Rosazza	Jerry McLaughlin	Paul Schiff	J Michael Edwards
Secretary	Larry Robertson	Larry Robertson	Larry Robertson	Larry Robertson	William J Keller
Treasurer	David Slatkin	David Slatkin	David Slatkin	David Slatkin	David Slatkin
Exec. Comm. election	Geoff Cordell	Ted Nettleton	Joe E Knapp	David Kingston	A. Douglas Kinghorn
AGM Chr.	R. Raffauf	Dave Slatkin	Alice Clark	G. Sullivan	J. Weir
AGM Program Chr.	Geoff Cordell	J. Knapp	Jim McChesney	L. Hurley	D. Kingston
<i>J. Nat. Prod.</i> Ed.	Jack Beal	Jack Beal	Jim Robbers,	Jim Robbers	Jim Robbers
Newsletter Ed.	Ralph Blomster	Ralph Blomster	Joy B. Reighard	Joy B. Reighard	Joy B. Reighard
Auditing	Steve Gould	Jim Robbers	Alice M. Clark	Patrick J Davis	Charlie Hufford
Awards/Funds	Marilyn Speedie	Marilyn Speedie	Joe E Knapp	Joe E Knapp	Joe E Knapp
Constin/By-laws	Ted Nettleton	Ted Nettleton	Bob Krueger	Robert Krueger	Dick Powell
Hon. Mem Com Chr	Dave Carew	Phil Catalfomo	Lynn R. Brady	Ralph Blomster	Jack L Beal
Membership	Jack Rosazza	Jerry McLaughlin	Paul Schiff	J. Mike Edwards	Geoff Cordell
Nominations	Bill Kelleher	Paul Schiff	Dave Carew	Jack Wier	Jerry McLaughlin
Patron membership	Alvin Segelman	Jack Rosazza	Jerry McLaughlin	Paul Schiff	Mike Edwards
Publicity Comm.	Gary Meadows	Gary Meadows	Gary Meadows	Ted Nettleton	Ted Nettleton
Resolutions	Phil Babcock	Phil Babcock	John D. Leary	John D Leary	Audrey S. Bingel
ASP New Members	57	Not recorded	135	78	57
ASP Members	540	546	653	750	726
Budget	\$63,188	\$93,444	\$119,696	\$135,810	\$156,554
<i>J. Nat. Prod.</i> papers	139	149	168	246	245
Hon. Member elected	Arthur Schwarting	Heber Youngken Jr.		Jack Beal; Richard Schultes	Varro Tyler; Norman Farnsworth; Gordon Svoboda

The annual meetings during this period were in Boston ('81), Pittsburgh ('82), Oxford, MS ('83), Austin, TX ('84), and Chapel Hill, NC ('85). Perennial Treasurer (lucky us) David Slatkin reported that from June 30, 1981 – June 30, 1985 total financial assets of the Society grew from \$63,188 to \$156,554, reflecting successes in clever and solid investments as well as in promotion and expanding membership and the *JNP*. The Journal also showed rapid growth during this period from 92 articles and 770 pages in 1980, to 246 articles and 1,088 pages for the 1984 year. This period saw a dramatic increase in Society membership from 514 in 1981 to 726 in 1985. The following sections detail the major events occurring in each of the years 1981 - 1985.

1981 – 22nd Annual Meeting in Boston, July 12-17. Arthur E. Schwarting Recommended for Honorary Membership

The Annual Business meeting was called to order on August 17. Dr. Madis Labs was an ASP benefactor with 11 industries as Society Patrons. Expanding patron membership became a goal for 1981. Arthur Schwarting was recommended for honorary membership citing his contributions as Editor of *Lloydia*, insightful guiding of Pharmacognosy to a chemical-biochemical based discipline, and education and training of a cadre of Pharmacognosy leaders.

Editor Jack Beal reported that *J. Nat. Prod.* was financially improved due to increased page-charges income and cost-cutting measures. Success through increasing submitted manuscripts has significantly increased the editors' work-loads, suggesting possible uses of assistant, regional, or subject editors. With the present organization, meeting publication schedules and efficient circulation of the Journal depend on close coordination and hard work of both Treasurer and the Editor. Jack acknowledged Treasurer Lee Schramm and his wife Linda for their efforts, and expressed confidence in David Slatkin, newly elected as ASP Treasurer.

The Botanical Codex Committee provided reliable information on the safety and/or efficacy of herbal teas to federal agencies, industry, professional writers, health professionals, and lay public members – thus serving as an authentic “clearing house” for information related to Botanicals. Chair Norm Farnsworth indicated that although the FDA appears to be examining some popular herbal remedies for the presence of potentially toxic substances (like Comfrey), it has shown little interest in the Codex Committee and its activities.

Bob Raffauf and Geoff Cordell reported that Rohm & Haas, Merck and Polysciences Inc., generously provided support for the meeting. Some 210 registrants contributed 51 podium and 24 poster presentations. Plenary lectures were by E. Ayensu, Medicinal Plants in 3rd World Countries; Koji Nakanishi, New Natural Products Techniques; M Jacobson, Plants, Insects and Man; L.H. Princen, Industrial Feedstocks from Agriculture; Matt Suffness and John Douros, The NCI Plant and Animal Products Program; Maurice Shamma, Indenobenzazepine Alkloids; Dick Hutchinson, Biosynthesis of Natural Products; Norm Farnsworth, New Areas for Plant Product Research. President Wier expressed thanks to officers and committees for dedicated Society service. He encouraged Society members to recruit top students to graduate study to ensure a viable pool of strong people in Pharmacognosy and other pharmaceutical sciences.

1982 – 23rd Annual Meeting in Pittsburgh, August 1-5. Jack L Beal Resigns as *JNP* Editor, Heber W. Youngken Jr. recommended to Honorary Membership

The Annual ASP business meeting was called to order on August 5. Using a new record-keeping format, David Slatkin reported on the financial strength of the society reflecting increased income and decreased expenses. The Journal also reflected growing success with a profit to the Society of over \$ 5,000 for Volume 44. Among Patron Members were Dr. Madis Labs, a Society

Benefactor and Eli Lilly, Merck and Smith Kline French all Sustaining Members. Twenty-one other companies joined as ASP Patrons. Heber W. Youngken, Jr. was nominated for honorary ASP membership citing his strong record in support of Pharmacognosy and in developing the ASP. He and other farseeing Pharmacognosists are credited with redirecting Pharmacognosy from a largely descriptive discipline to a more dynamic chemical and biochemical aspects of natural products.

The Journal grew considerably during the past 5 years doubling the manuscripts published and increasing printed pages by nearly 25%. Editor Beal underlined the ever-increasing and unrelenting work-load in publishing the Journal, and the risk in keeping editorial activities in the hands of a single person. He sent a letter of resignation effective June 1983 when he would step down. Jack and Earlene took enormous pride in the successful growth in stature and development of the Journal including the cover redesign, amount of print per page, figure reproduction, increasing numbers of copies per issue. Jack identified four options for the Society to consider in recruiting a new *JNP* editor. 1. Identifying an editor who would work singly like Jack and Earlene; 2. Finding at least 3 people at one “college” to work jointly in editorial duties; 3. Establishing an Editor and several Associate Editors assigned to areas of expertise; 4. To consider having a commercial publishing house take over the Journal under the editorship of an ASP member. Jack performed the job of *JNP* Editor with great devotion, helped admirably by his wife, Earlene. As an inseparable and dedicated team, they helped our Journal achieve new heights. Jack and Earlene both earned deep respect and appreciation of the ASP membership.

The meeting was another success. The Program featured 79 contributed papers, 28 posters, and a series of plenary lectures on biotransformation and metabolism including Bob Smith, Sid Nelson, Ivan Veliky, and Peter Goldman. Top lectures were given on fungal secondary metabolism by Ian M Campbell and on bacterial vitamin K biosynthesis by Ron Bentley. Two important committees were recommended by the Executive Committee: A Search Committee for a Publishing Firm for *JNP* - Mike Edwards (Chair) Jack Beal and Jack Rosazza (*ex officio*); and, a Search committee for a *JNP* Editor - Tip Tyler (Chair), Bill Kelleher and Jack Rosazza. The annual meeting was concluded with closing statements by president Rosazza and a passing of the baton to Jerry McLaughlin as the 23rd ASP President.

1983 – 24th Annual Meeting in Mississippi, July 24-28. Jack Beal steps down as *JNP* Editor; New *JNP* editorial team: Jim Robbers, David Kingston and Jerry McLaughlin.

The meeting was called to order on July 13. Treasurer Slatkin reported on the financial health of the ASP, the Journal, and summarized ASP Demographics. Deceased members honored were B. A. Krukoff and honorary members, K. Mothes and J. J. Willaman. A proposed constitutional amendment increasing the contribution for patron membership from \$100 to \$200 passed. The society was split 57% USA and 43% non-USA, with 608 members for 1983, up 138 versus 1982. Membership Chair Schiff reported an updating of the ASP Recruitment Brochure listing demographics, recent symposia and *JNP* description. The brochure plus creative mailings were sent to selected members of other societies who had known interests in natural products research. Dr. Madis Labs was again Society Benefactor; Lilly, Merck and SKF were sustaining members, and, 16 other firms were Patrons. Increases in Patron Membership came through a concerted effort to identify key contacts in industry, and to acknowledge past contributions, and to upgrade records of present, past and potential contributors.

The Awards and Funds Committee recommended increasing the Kilmer Prize stipend to \$300, it's continuing discussion of the desirability of establishing a "best" paper of the year award for publications in *JNP*, and the establishment of a small program by which the ASP would encourage undergraduate research in Pharmacognosy and natural products chemistry. Additional exciting recommendations included undergraduate awards and recognitions, graduate student stipends (perhaps through AFPE), support for attendance of graduate students at the ASP annual meeting, and possible young investigator awards.

Editor Jack Beal summarized *JNP* changes during his editorship, suggesting with a smile that at least six persons would be necessary to replace Jack and Earlene Beal! Dramatic increases were seen in numbers of manuscripts received (273) in 1982, 30% more than in 1981 and an astonishing 126% increase versus 1977, the Beal Team first year. He paid tribute to the work of Art Schwarting and Bill Kelleher in getting the Journal off the ground at the start. Through the hard work of all concerned, the Journal was declared financially healthy, showing a profit for both volumes 44 and 45. Jim Robbers, Editor-elect identified the new editorial team as David Kingston (Associate Editor and Book Review Editor), Jerry McLaughlin (Associate Editor), Susan Stites (Managing Editor), and Virginia Tyler (Editor's Secretary). The new means of processing manuscripts and roles of the team were defined with manuscript assignments to Associate Editors based on subject matter. Reflecting the change in Editorial Board reorganization, Article VI, Paragraph 9 of the constitution was altered as requested by President McLaughlin and placed on the ballot for the Fall, thus newly defining the editorial board format in place at *JNP* today. The Executive Committee opted to stay with Sparh and Glenn through 1986, versus going with an outside publishing house. The ASP also looked at the possibility of obtaining a trademark for the title, *Journal of Natural Products*.

Alice Clark summarized meeting arrangements including a tour of the Maynard W. Quimby Medicinal Plant Garden. Jim McChesney mentioned the coincidence of the meeting with the 75th anniversary of the U. Miss School of Pharmacy. Symposia included "New Instrumental Methods in the Structure Elucidation of Natural Drugs with J. D. Roberts, J. Schoolery and Graham Cooks discussing ¹⁵N-, ¹³C-NMR and Mass Spec. Developments, respectively. President McLaughlin closed the meeting citing the good shape of the Society's finances and membership, and the new editorial team at *JNP*. The gavel was passed on to Paul Schiff as the 24th ASP President.

1984 – 25th Annual Meeting in Austin, TX, Aug 19-23. Jack L. Beal awarded Honorary Membership; Research Achievement Awards and Travel Grant Awards created

The ASP business meeting was called to order on August 20. Deceased member K. Martinkus was honored. Treasurer Slatkin highlighted demographic data for the membership, and indicated that the financial strength of the society continued to improve. Contributors included Benefactor Dr. Madis Laboratories, six Sustaining Members (Bristol-Myers, IMC and Upjohn, Eli Lilly, Merck, and SKF) and 16 company Patrons.

JNP Editor Robbers indicated that the Editor transition had gone well, and that the delay in publication of manuscripts had been shortened by increasing the number of pages per issue. Treasurer Slatkin noted the increased cost of the Journal, due to the extra pages published. Three ASP Newsletter issues were published over the past year and a non-profit organization postal permit was acquired, allowing a considerable savings in mailing. The Committee for Promotion of the Journal (Susan Stites, Chair) reported that a journal advertisement placed in *Current*

Contents, received some ten direct responses. The Committee designed and printed a brochure for distribution to science libraries as a primary target.

Members were reminded that Jack Beal would be awarded the status of Honorary Member at the Annual Banquet, and further announced that Richard E. Schultes would be similarly honored at the 1985 ASP Meeting at Chapel Hill, North Carolina. The Awards and Funds and ASP Planning Committees proposed new grants and awards intended to promote research and education in pharmacognosy and natural products chemistry, including: Research Achievement Award (\$2,500 + expenses to attend annual meeting and present lecture), presented to an outstanding senior scientist and ASP member every 3 years beginning in 1985; matching Travel Grant Awards (up to \$500), up to three being presented to younger ASP members (faculty) to attend the annual ASP meeting; Graduate Student Travel Awards (\$500), up to four being presented to graduate students to attend the annual ASP meeting; Young Investigator Research Grant (\$2,500); and Undergraduate Research Award (\$1,500 + 500 departmental expenses), up to two.

The Annual meeting continued the successful tradition of numerous past meetings, with 142 registrants and 10 Symposium Speakers in attendance. The Program featured numerous contributed papers and posters, and plenary lectures on Biotechnology in Natural Products Research. Plenary speakers included Bill Remers, Creed Abell, John Staba, J. S. Rokem, Peter Heinsteins and Yuzuru Shimizu. President Schiff concluded the annual meeting with some closing remarks and a passage of the gavel to J. Michael Edwards, the 25th President.

1985 –26th Annual Meeting, Chapel Hill , NC, July 7-12. Tip Tyler, Norm Farnsworth and Gordon Svoboda for Honorary Membership; Koji Nakanishi for Research Achievement Award

The Business Meeting was called to order on July 10. Treasurer Slatkin underlined the growing financial strength of the ASP, and listed ASP membership at 726 (300 foreign). An amendment to the constitution increased the term of Treasurer to 5 years. Mike Edwards reported SKF as a Society Benefactor; Lilly, Merck, Bristol-Myers and International Minerals and Chemical as Sustaining Members and 13 companies as Patrons. Bob Krueger (Chair) presented a Continuing Education Committee recommendation to offer credit for attendance at Symposium lectures in compliance with ACPE CE guidelines.

ASP Honorary Membership was recommended for Tip Tyler, the Society's 1st president, Norm Farnsworth, 2nd president and framer of the ASP Constitution, and Gordon Svoboda, 4th president and outstanding researcher to the Executive Committee. Honorary members will be installed at the ASP meeting in Ann Arbor, MI. Koji Nakanishi (Columbia) was recommended for the ASP Research Achievement Award by Yuzuru Shimizu (Chair), Laurence Hurley and John Cassady. The implementation of new awards was reported for: Undergrad Research to Jeanne Lyon (Texas) and Michael Keyes (Temple); Graduate Student Travel to Cesar Compadre (Illinois), Ilan Feuerstein (Hebrew U), Frank Filippelli (Iowa) and Jan O'Neil (Idaho State); and Faculty Travel to Chun-Tao Che (Illinois), Gert Laekeman (Antwerp) and Cedric Pearce (UConn). Small ASP (\$2,500) starter grants were recommended, and the ASP was asked to approach the Academy of Pharmaceutical Sciences to permit presentation of the Kilmer Prize award and lecture at the ASP meeting.

Editor Jim Robbers noted increasing numbers of *JNP* papers with shortening of the lag time between manuscript submission and publication. A total of 246 articles and 1,088 pages were published in 1984, with a 23% increase in submitted manuscripts versus 1983. Treasurer Slatkin

indicated that increasing costs of the Journal would have to be balanced by appropriately adjusting subscription and dues increases. Three issues of the *ASP Newsletter* were published improved by additions of colors and photos.

Jack Wier noted 300 meeting registrants, and a summary of the meeting was presented by David Kingston. Generous meeting support was provided by AH Robbins, SKF, and Gesellschaft für Arzneipflanzenforschung, plus the ASP. Requests for podium (82), and poster (105) presentations plus no preference (19) were made. The symposium on “Biologically Active Nitrogen-Containing Natural Products: Structure, Biosynthesis and Synthesis” included plenary speakers Ian Scott, Craig Townsend, Meinhard Zenk, Sidney Hecht, Arnold Brossi, Henri-Philippe Husson, Rob Verpoorte, Dudley Williams, John Wesley, and Koji Nakanishi. Mike Edwards commented on the good health of the ASP. The meeting ended following the installation of officers for 1985-86 (**Table 5**). President Cordell cited two issues for Society consideration. 1) Possible re-naming of the Society (ASP) and its meetings; and, 2) a dues increase to help *JNP* funding.

ASP HISTORY 1986-1990

Geoffrey A. Cordell^a and David G. I. Kingston^b

^aNatural Products Inc., Evanston, Illinois and ^bDepartment of Chemistry, Virginia Tech, Blacksburg, Virginia

Introduction

The years 1986 through 1990 continued to see steady growth in the Society’s membership and financial status, due in large measure to a series of very successful Annual Meetings and to the continued growth in breadth, depth, quality, and reputation of the *Journal of Natural Products*. Geoff Cordell, Jim McChesney, Yuzuru Shimizu, David Kingston, and Matt Suffness, were the distinguished list of the 27th - 31st ASP Presidents, respectively during this time. The annual meetings were held in Ann Arbor, MI ('86), Kingston, RI ('87), Park City, UT ('88), San Juan, Puerto Rico ('89), and Bonn, Germany and Oxford, MS ('90). Indefatigable Treasurer David Slatkin (ASP’s Warren Buffett) reported that from July 1, 1985 - December 31, 1989 the total financial assets of the Society grew from \$175,017 to \$290,990 reflecting success in a creative investment strategy, as well as in expanding membership and the *JNP*. The Journal also continued to show rapid growth during this period from 246 articles and 1,088 pages in 1985, to 252 articles and 1,389 pages for the 1989 year. This period saw a significant increase in Society membership from 780 in 1986 to 918 in 1990, enhanced awards by the Society, and the formation of the ASP Foundation. The following sections detail some of the major events occurring in each of the years 1986-1990.

1986 – 27th Annual Meeting at the University of Michigan, Ann Arbor, July 27-31. Three new Honorary Members and a cutting-edge scientific program

The Annual Business meeting was called to order on July 30. Deceased members K. Redman and R. Finnegan were honored. The financial strength of the Society continued to grow, with income exceeding expenses by \$18,463.05 leaving a balance of \$175,017.29. The Patron Membership Committee reported 19 responses totaling \$5,700, including one Benefactor (Dr. Madis Labs), three Sustaining Members (Bristol-Myers, Eli Lilly and Merck), and fifteen Patron Members. Editor Jim Robbers indicated that submissions and the acceptance rate for *JNP* had increased in 1985, and that the number of papers received continued to rise. While the number of full papers had gone down from 107 in 1984 to 81 in 1985, the number of brief reports had more than tripled from 1983 to 1985 (25 to 83) and Notes had expanded even more (from 17 to

69). The Editor acknowledged the tremendous help from the reviewers in enhancing the quality of the journal. Ms. Ginny Tyler resigned her position as secretary and editorial assistant to *JNP* on June 30. Her great help with the Journal over several years would be missed. The Awards and Funds Committee reported two undergraduate research awards (Sinnott and Trytek), four graduate student travel awards (T. Jurgens, Burke, van de Heijden, and Zhang), and two small research grant awards (Kellmerten and Thurston). The Kilmer Prize winner (T. Jurgens) was supported to attend the annual meeting for two days and the banquet. The ASP Newsletter was published as three issues in the past year, costing \$1390.12 to produce and distribute.

Table 6 ASP Meetings, Officers and Statistics: 1986-1990

ASP Officers, etc.	1986	1987	1988	1989	1990
Annual Meetings Location	Univ of Michigan, Ann Arbor, MI	Univ of Rhode Island, Kingston, RI	Park City, UT	Univ. Puerto Rico, San Juan, PR	Joint Mtg with GFA, PSE, AFERP, Bonn, Germany
President	Geoff Cordell	Jim McChesney	Yuzuru Shimizu	David Kingston	Matt Suffness
Secretary	William J Keller	William J Keller	William J Keller	William J Keller	William J Keller
Treasurer	David Slatkin	David Slatkin	David Slatkin	David Slatkin	David Slatkin
Exec. Comm election	Marilyn Speedie	William Pelletier	Arnold Brossi	Alice Clark	Charlie Hufford
AGM Chr.	G. Hatfield, A. Paul	L. Worthen	Chris Ireland	R. Guerrero	Geoff Cordell
AGM Program Chr	R. W. Woodard	Y. Shimizu	M. Balandrin, J. Klocke	P. Chavez	Jim McChesney
<i>J. Nat. Prod.</i> Ed.	Jim Robbers	Jim Robbers	Jim Robbers	Jim Robbers	Jim Robbers
Newsletter Ed.	Joy B. Reighard	Joy B. Reighard	Joy B. Reighard	Joy B. Reighard	Joy B. Reighard
Auditing	Charlie Hufford	Charlie Hufford	Charlie Hufford	Charlie Hufford	Charlie Hufford
Awards/Funds	Joe E. Knapp	Joe E. Knapp	Chris Ireland	Chris Ireland	Alice M. Clark
Constitution/ By-laws	William J. Keller	Bob Borris	Bob Borris	Bob Borris	Bob Borris
Hon Mem Com Chr	Jack Beal	Jack Beal	Paul L. Schiff, Jr.	Varro Tyler	Lynn Brady
Membership	Jim McChesney	Yuzuru Shimizu	David Kingston	Matt Suffness	Douglas Kinghorn
Nominations	Jack Rosazza	Harry Fong	Jack Rosazza	Mike Edwards	David Kingston
Patron Membership	Geoff Cordell	Jim McChesney	Yuzuru Shimizu	David Kingston	Matt Suffness
Publicity	Ted Nettleton	Ted Nettleton	Ted Nettleton	Ted Nettleton	Joy B. Reighard
Res Achiev. Awd	-	-	David Kingston	David Kingston	Jack Rosazza
ASP Foundation	-	-	-	David Slatkin	David Slatkin
Resolutions	Audrey S. Bingel	Audrey S. Bingel	Audrey S. Bingel	Audrey S. Bingel	Audrey S. Bingel
ASP New Mbrs	Not reported	80	108	87	97
ASP Members*	780	812	889	966	918
ASP Budget	\$175,017.29	\$198,136.65	\$281,200.30	\$298,645.16	\$290,990.00
<i>J.Nat.Prod.</i> papers	295	257	246	252	266
Hon mbr elected	-	Monroe Wall	-	-	-

* Numbers are estimates based on the reported number of new members less those who failed to pay dues the previous year.

The 1986 meeting was very successful, both scientifically and socially. The meeting was attended by 209 scientists. Two Symposia were presented: “Recent Advances in the Study of Biosynthetic Pathways” (John C. Vederas, David E. Cane and Heinz G. Floss), and “Molecular Biology and Genetics of Antibiotic Production” (C. Richard Hutchinson, J.S. Feitelson, George H. Jones, and E.T. Seno). There were 108 contributed papers. One of the main social highlights was an entertaining (if you like that sort of thing!) “ceremony”, “show”, “farce”, call it what you will, of the induction of three elders of the Society as Honorary Members, N. R. Farnsworth, G.

H. Svoboda and V. E. Tyler; an evening not to be forgotten (or remembered, if you prefer). President Cordell reflected on the continually growing membership and the expanding areas of science being covered at the annual meetings. He noted the close and friendly nature of the society. The meeting ended following the installation of officers for 1986-87 (**Table 6**). President McChesney held a straw ballot on changing the name of the Society, for which there was little sentiment.

1987 – 28th Annual Meeting in Kingston, Rhode Island, July 19-22.

The 28th Annual ASP business meeting was called to order on July 22. Deceased member K. Raserkovskis was honored. Treasurer Slatkin noted that income had once again exceeded expenditures by \$23,119.36. He indicated that next year would see a change in fiscal reporting, as both the *JNP* account and the Society account will be switched to calendar year reporting. A loss for *JNP* was reported of \$5,232.26 in 1986. Among Patron Members were Squibb as a Sustaining Member and twenty-one other companies as ASP Patrons, resulting in \$5,650. Eighty new members were recruited, including 41 foreign members. *JNP* Editor Robbers reported that submissions and the number of articles published in the *JNP* had increased. A total of 412 manuscripts were received in 1986 (up from 375 in 1985) and 295 had been published, including 179 full papers and notes, and 108 brief reports. The number of pages has almost doubled in ten years (from 633 in 1977 to 1200 in 1986). The ASP Newsletter was published as two issues in the past year, costing \$905.86 to produce and distribute. The Editor proposed moving to quarterly publication. The Awards and Funds Committee reported two undergraduate research awards (Ruberto and Stacklin), two graduate student travel awards (Jayasuriya and A. Jurgens), one faculty travel award (Balandrin), and two small research grant awards (Cheatham and Okuda). There were no Kilmer Prize applicants.

The 1987 meeting program included two Symposia: “Drugs from the Ocean”, with lectures by K. L. Rinehart, Jr., W. H. Fenical, and K. Nakanishi, and “Modern Approaches to Folk Medicine”, with lectures by L. Mitscher, A. D. Kinghorn, I. Kubo and U. Sankawa. The meeting was attended by 275 scientists and net income was \$19,285.64. One hundred and forty-seven papers were presented.

The business meeting concluded with a summary of Executive Committee business by President McChesney who indicated the support for the appointment of an Assistant Treasurer and commented that “if it ain’t broke don’t fix it.” The meeting ended following the installation of officers for 1987-1988 (**Table 6**).

1988 – 29th Annual Meeting held at Park City, Utah, July 17-21, jointly with Japanese Society of Pharmacognosy; record net income, annual awards increased

The meeting was called to order on July 21. Deceased members S. Arichi, R. Siegal, M. Quimby, L. Heiner and P. Carmeci were honored. Treasurer Slatkin reported that he had changed to a calendar year accounting frame which improves IRS reporting and that the Journal balance is now included in the overall assets of the Society, since the Society had taken over full responsibility for publication. Net income was \$35,673.90, in spite of the loss of \$10,357.77 for the Journal, and a balance was indicated of \$281,200.30. The possibility of establishing an ASP Foundation was being investigated to permit charitable contributions because of new IRS rules relating to organizations such as the ASP. There were 108 new members recruited, including some at the Annual Meeting who were offered a reduced rate based on attendance. The new brochure was sent out by the Patron Membership Committee resulting in 15 responses totaling

\$3,600, including two Sustaining Members (Berlex and Squibb) and thirteen Patron Members. The Awards and Funds Committee reported two undergraduate research awards (Nagle and Brent-Collins), five graduate student travel awards (Bernart, Dora, Marles, T. Jurgens, and Samarinayake), three faculty travel awards (Burke, Groweiss and Hussain), and two faculty starter research grant awards (Shih and Broka) in the amount of \$2,500. The Committee Chair indicated that the Lloyd Library was interested in providing support for a student and a faculty member to attend the annual meeting. Editor Robbers and Associate Editors Kingston and McLaughlin reported that submissions and the number of articles published in the *JNP* had decreased. A total of 364 manuscripts were received in 1987 (down from 412 in 1986) and 257 were published, including 202 full papers and notes, and 51 brief reports (down from 103). The number of pages in the Journal was 1206. Publication delays had been experienced in the past, and have now been addressed. An Ad Hoc Committee on Journal Printing (Robbers, Chair) recommended no change in the printer at this time, and indicated that as the journal moved to monthly publication there would be increased costs incurred of about \$30,200. The ASP Newsletter was published as four issues in the past year, costing \$1,717.07 to produce and distribute. The Editor indicated that an ASP Brochure had been prepared and was being distributed for membership promotion. The Research Achievement Award Committee recommended Heinz G. Floss as the next recipient, and that the award would now be annual.

The 1988 meeting, held as an International Congress on Natural Products Research and organized with the Japan Society of Pharmacognosy (Professor Yohei Hashimoto), was attended by 239 scientists. The theme was “New Directions and Methods in Natural Products Research.” The first symposium was on “Micro-Algae as a Source of New Biologically-Active Natural Products”, with lectures by J. Kobayashi, R. E. Moore, and Y. Shimizu. The second symposium was on “New Analytical Methods in Natural Products Research”, with lectures by Y. Hashimoto, P. Jeffs, J. A. McCloskey, and T. Okuda. The net income from the meeting was \$7,227.94.

President Shimizu reported from the Executive Committee that the awards funds would be increased to \$20,000 per year, that an Ad Hoc Committee to investigate an ASP Foundation would be appointed, and that a challenge grant to the IUCN of \$5,000 would be made. He indicated that he was concerned about the place of pharmacognosy in pharmacy school curricula, and that we should collaborate more extensively overseas, and provide a Journal of first-class research. The meeting ended following the installation of officers for 1988-89 (**Table 6**). President Kingston indicated his thanks to all those who had served the Society through their dedicated service and reaffirmed the need for Constitution and By-laws changes to be included on the annual ballot.

1989 – 30th Annual Meeting in San Juan, Puerto Rico, August 6-10. Ken Rinehart receives Research Achievement Award

The business meeting was called to order on August 10. Deceased members B.-S. Chung, T. Kametani and U. Weiss were honored. Treasurer Slatkin reported that net income was \$17,444.86, in spite of the loss of \$25,753.69 for the Journal, and indicated a balance of \$298,645.16. Interest income accounted for about \$20,000 each year. The ASP Foundation Committee indicated that the Society had formed a Foundation, which was formally established through approval of a modification to the Constitution, and a 2/3 majority favorable vote at the business meeting. This would now permit tax-deductible contributions to be made. There were 87 new members recruited during the year, including 17 from industry. In the future, emphasis was to be placed on recruiting from the marine natural products area, ethnopharmacology, and

tissue culture. Contributors to the Society included Benefactor Dr. Madis Laboratories, four Sustaining Members (Natural Product Sciences, Berlex, Philip Morris, and Squibb) and 16 company Patrons; the total received was \$7,000. It was recommended that the structure and the levels of support be changed to reflect rises in the commercial subscription rates. The Awards and Funds Committee reported two undergraduate research awards (Wallace and Rambalacos), six graduate student travel awards (Moghaddam, Dora, Bejar, A. Jurgens, Pieters, and Hui), four faculty travel awards (Davidson, Peterson, Tsukamoto and Dossall), and three faculty starter research grant awards (\$2,500 each) (Rotella, Zibuck and Peterson). Two new Lloyd Library student travel awards (\$500 each, T. Jurgens and Zabriskie) were made for the first time. The committee proposed the development of a student research award which could be industrially sponsored. Editor Robbers indicated that a total of 406 manuscripts were received in 1988 (up from 364 in 1987) and 246 were published, including 232 full papers and notes, and 8 brief reports (down from 51). The acceptance rate was 65% (75% in 1985) and the number of pages in the Journal had risen to 1319. Publication delays have been addressed. The ASP Newsletter was published as two issues in the past year, and printing and distribution costs were handled directly by the Treasurer. The Research Achievement Award Committee recommended Kenneth Rinehart as the award recipient.

The themes of the annual meeting were “Natural Products and Disease Utility” and “Biotechnology of Natural Products.” There were nine plenary speakers, forty-nine oral presentations and ninety-nine poster presentations. A workshop on “Simple Bioassays” was organized by Jerry McLaughlin and included six additional speakers. There were 212 individuals attending, including 47 from overseas. President Kingston indicated that the Executive Committee had approved Bob Krueger as Assistant Treasurer, and discussed the possibility of a Fall 1990 meeting for people who could not attend the Bonn meeting. Matt Suffness agreed to coordinate participation of the Society in the World Pharmacy Congress in Washington, DC in 1991. The meeting ended following the installation of officers for 1989-90 (**Table 6**). Treasurer Slatkin indicated that the IUCN obligation of \$5000 had not been requested as yet.

1990 – International Meeting in Bonn, Germany, July 17-22, held with the Gesellschaft für Arzneipflanzenforschung, Phytochemical Society of Europe and the Association Francaise pour l’Enseignement et la Recherche en Pharmacognosie;

The Business Meeting was called to order on July 19. Deceased charter member N. Ferguson was honored. Treasurer Slatkin reported a net loss of \$7,655.16, the first since 1981, leaving a balance of \$290,990.00. The Treasurer indicated a diversified portfolio of assets and deficit for the journal of about \$25,148.95. The ASP Foundation Board was established as Matt Suffness (Chair), A.D. Kinghorn (Vice-Chair), Bob Krueger (Treasurer), W. J. Keller (Secretary), and David Slatkin and Alice Clark (Board Members). The Articles of Incorporation of the Foundation were approved. There were 97 new members in the Society, including 28 new members from the reduced rate memberships offered at the Puerto Rico meeting. Solicitation of membership was suggested for authors of *JNP* papers who are not members. The Patron Membership Committee reported 17 donations totaling \$4,600 by four Sustaining Members (Natural Product Sciences, Berlex, Philip Morris, and Squibb) and thirteen Patron Members. The Awards and Funds Committee reported that three faculty starter research grant awards (\$2,500 each) (Reynolds, Baker, and Williamson), two Lloyd Library travel awards (\$500 each) (Kaneda and Iyer), and two undergraduate student research awards (\$500) (Horn and Cook) were made for the first time. The Publications Committee reported that submissions to *JNP* had

increased. A total of 421 manuscripts were received in 1989 (up from 406 in 1988) and 252 were published, including 247 full papers and notes. The category of brief reports has been dropped. Forty book reviews were published, a dramatic increase from 1988 (12). The number of pages in the journal rose to 1409. The ASP Newsletter was published as two issues in the past year and the ASP Brochure was updated. The Research Achievement Award Committee recommended S.W. Pelletier as the award recipient.

The theme of the annual meeting was “Biology and Chemistry of Active Natural Products. President Suffness indicated that the concept of Emeritus Membership would appear on the next ballot, and a placement service operated through the Newsletter would be initiated. Staggered five-year terms were established for the members of the Editorial Board of *JNP* and *JNP* would move to monthly publication in 1992. Membership dues would rise to \$75 in 1992, in part to account for the additional publication costs. President Suffness also reviewed the discussions that had been ongoing with the Lloyd Library with respect to a closer relationship and new initiatives. He commented on the increased industrial involvement in the Society in recent years and the diversity of the sciences represented by the membership. The meeting ended following the installation of officers for 1990-1991 (**Table6**).

ASP HISTORY 1991-1995

John M. Cassady^a, Alice M. Clark^b and Lester A. Mitscher^c

^a*Vice President for Research, Oregon State University, 312 Kerr Administration Building, Corvallis, OR 97331-2140;* ^b*Vice Chancellor for Research and Sponsored Programs, P. O. Box 907, 304 Lyceum, University, MS 38677;* ^c*Department of Medicinal Chemistry, University of Kansas, 4010 Malott Hall, 1251 Wescoe Hall Drive, Lawrence, KS 66045-7582*

Introduction

During the period of 1991-1995, the Society continued to grow, as evidenced by standard measures such as total membership, publications in the Journal, and meeting attendance. The Society also prospered due to the extraordinary services of David Slatkin as Treasurer of the Society.

The major historical event during these years was the decision to publish the *Journal of Natural Products* jointly with the American Chemical Society. The society had taken over the publication of *Lloydia* many years before from the Lloyd Library, and it had grown in the succeeding years in size and impact to the point that even the heroic efforts and personal sacrifices of society members were overwhelmed. After lengthy negotiations with ACS officials and discussion among the Executive Committee and the ASP membership, an acceptable level of autonomy for the Journal was agreed upon. James Robbers, long time editor (Purdue University) had expressed a desire to lay down the burden of the editorship and, fortunately, Douglas Kinghorn, then at The University of Illinois-Chicago, agreed to take over during this time of major transition. Despite the sentimental attachment and reluctance of some of the older members of the Society, the Society agreed to the change during its annual meeting. Most will now agree that the Journal has continued its growth into a flagship journal in recent years and that the facilities available through the ACS publishing office have been excellent.

Less successful was an effort to get the ASP membership to endorse formally the Rio Convention on Biological Diversity. Adopted at the Earth Summit (Rio de Janeiro) in 1992, the Convention established three main goals: the conservation of biological diversity, the sustainable use of its components, and the fair and equitable sharing of the benefits from the use of genetic

resources. Whereas the bulk of the membership were generally supportive of the goals of that declaration, a number of the firms active in natural products research were reluctant to be tied down by regulations that they had little control over, and the industrial members of the society faced difficulties in taking a formal public posture that their firms could well disapprove of. After lengthy debate at the annual meeting, the resolution to endorse the Rio protocols was tabled by motion from the floor and it was never adopted by the Society.

However, in January, 1994, President Cassady reconstituted the Ad Hoc Committee of Indigenous Materials for Biological and Medicinal Purposes under the chairmanship of Gordon Cragg, with members from Nigeria and Panama to represent source country interests. A paper discussing the issues confronting ASP members and other natural product scientists studying biological materials obtained from foreign countries was coauthored by committee members, including representatives of Australia, Nigeria, Panama and Philippines, and was published in *J.*

Table 7 ASP Meetings, Officers and Statistics: 1991-1995

ASP Officers, etc.	1991	1992	1993	1994	1995
Annual Meetings Location	Chicago, IL	Williamsburg, VA	San Diego, CA	Halifax, NS	Oxford, MS
President	Doug Kinghorn	Chris Ireland	Les Mitscher	John Cassady	Alice Clark
Secretary	Bill Keller	Bill Keller	Bill Keller	Bill Keller	Bill Keller
Treasurer	David Slatkin	David Slatkin	David Slatkin	David Slatkin	David Slatkin
Exec. Comm election	Robert Borris	Frank Chandler	C.J. Chang	John Cardellina	William Pelletier
AGM Chr	Geoffrey Cordell	Susan Tafur	William Fenical	Frank Chandler	Jim McChesney
AGM Program Chr	Doug Kinghorn	Marilyn Speedie	Chris Ireland?	Jeffrey Wright	Alice Clark
<i>J. Nat. Prod.</i> Ed.	James Robbers	James Robbers	James Robbers	Doug Kinghorn	Doug Kinghorn
Newsletter Ed.	Joy Reighard	Joy Reighard	Joy Reighard	Joy Reighard	Joy Reighard
Patron Members	David Slatkin	Joy Reighard	Discontinued		
Auditing	David Carew	David Carew	David Carew	David Carew	David Carew
Awards/Funds	Alice Clark	John Cardellina	John Cardellina	John Cardellina	John Cardellina
Constitn/By-laws	Robert Borris	J. M. Edwards		Matt Suffness	Tawnya McKee
Hon. Memb Com Chr	Jack Beal	Norman Farnsworth	Varro Tyler	Varro Tyler	Varro Tyler
Membership	Chris Ireland	Lester Mitscher	John Cassady	Alice Clark	Ken Rinehart
Foundation Chair	Matt Suffness	Doug Kinghorn	Lester Mitscher	Lester Mitscher	John Cassady
Foundation Treas.	Robert Krueger	Robert Krueger	Robert Krueger	Robert Krueger	Robert Krueger
Nominations	Matt Suffness	Chris Ireland	Chris Ireland	Lester Mitscher	John Cassady
RAA Committee Chr	John Rosazza	Ken Rinehart	Ken Rinehart	William Pelletier	William Pelletier
Publicity Comm	Joy Reighard	Joy Reighard	James Gloer	Roy Okuda	Roy Okuda
Resolutions	Robert Krueger	Robert Krueger	Robert Krueger	Robert Krueger	Robert Krueger
ASP New members	116	89	96	142	109
ASP Members*	968	~1,000	920	968	~1,000
ASP Assets	\$306,331	\$311,182	\$366,600	\$334,603	\$359,171
Foundation/midyr		\$7,719	\$11,600	\$12,226	\$89,580
<i>J Nat Prod</i> Papers	252	284**	345	291	329
RAA Awardees	William Pelletier	Henry Rapoport	Ian Scott	Paul Scheuer	G. Robert Pettit
Hon Memb Elected	Lynn Brady; David Carew; Arnold Brossi	Hildebert Wagner	James Robbers	-	William Pelletier

* These numbers are estimates since the number of lapsed members in the previous year was unknown

***JNP* began monthly publication

*Nat. Prod.*¹ This paper served as a precursor to the drafting of a resolution and a set of bioprospecting guidelines for ASP members that were published in the Spring issue of the ASP Newsletter in 1996 inviting comments from ASP members. Five comments, all favorable, were received, and the resolution and guidelines were discussed and approved at the 1996 Business Meeting. The Resolution and Guidelines were published in *J. Nat. Prod.*²

Other significant developments during this period included:

- the decision to publish *JNP* monthly instead of quarterly (1992);
- the introduction of the New Investigators Symposium at the Annual Meeting (1992);
- the first Interim Meeting of the ASP, on the topic of biodiversity and intellectual property rights, held in 1994 in Costa Rica; and,
- changes to the Constitution and By-laws to cap the number of Honorary Members to 2% of the total membership (1994).

Also, during this period, the Society mourned the loss of a number of its founding members and lifelong leaders. Highlights of activities and accomplishments of each year are provided below.

1991 – 32nd Annual Meeting in Chicago, July 21-26. Chris Ireland installed as President; Lester Mitscher, Vice President

President Chris Ireland was installed at the 32nd Annual Meeting held in Chicago, IL. The theme of the meeting was “Contemporary Natural Products Research”, and featured Nobel Laureate Baruch Blumberg as the keynote speaker. A total of 379 participants set a new attendance record. There were 15 symposium lectures and 207 contributed papers. Lynn Brady and David Carew were installed as Honorary Members and William Pelletier received the 1991 Research Achievement Award. Deceased members (C. S. Rukmani Iyer, James Klocke, Jonathan Hartwell, and Estaben Nunez Melendez) were honored with a moment of silence. The meeting ended following the installation of officers for 1991-92 (**Table 7**).

During 1991-1992 the American Chemical Society made a proposal to the ASP to co-publish the *Journal of Natural Products*. Discussions related to this important decision took place over several years before a final agreement was executed in 1995.

1992 – 33rd Annual Meeting in Williamsburg, VA, July 27-August 1. Lester Mitscher installed as President; John Cassady, Vice-President

President Mitscher was installed at the 33rd Annual Meeting held in Williamsburg. The themes of the meeting were “Drugs of Abuse” and “Applications of Biotechnology in Natural Products Research”, where a total of 248 meeting participants heard 14 symposium speakers and 125 contributed papers. The New Investigators Symposium was initiated at this meeting, with Ted Molinski, Kevin Reynolds, and Brian deCosta as the inaugural speakers. Arnold Brossi was installed as an Honorary Member, while the election of Hildebert Wagner was endorsed by the Executive Committee. The Research Achievement Award recipient was Henry Rapoport. Deceased members honored at this meeting were John Douros, Edward Leete, and Xorge Domenguez. The meeting ended following the installation of officers for 1992-1993 (**Table 7**).

Changes to the Constitution and By-laws that were adopted during the previous year and reported at the 1992 Annual meeting included amendments to clarify the involvement of the Assistant Treasurer with operation of the Executive Committee and to delete the Patron Membership Committee (these duties were assumed by the ASP Foundation).

The Executive Committee continued to discuss the proposal to co-publish the *JNP* with the American Chemical Society, and a committee was appointed to study the proposal and make recommendations.

1993 – 34th Annual Meeting in San Diego, July 18-22. John Cassady installed as President; Alice Clark, Vice-President

President Cassady was installed at the 34th Annual Meeting, held at the San Diego Princess Resort on Mission Island. The meeting, chaired by Dr. Bill Fenical and hosted by the University of California – San Diego, was focused on four program themes: *Receptor Biology - Natural Products Chemistry; Conservation – Rain Forests, Coral Reefs and the Politics of Ethnopharmacology in the 21st Century; Natural Cooperative Drug Discovery Program; and New Targeted Screens*. A record number of 500 participants heard 20 symposium speakers and 42 oral contributions, as well as the lecture by Research Achievement Award recipient, Ian Scott. In addition, there were 133 poster presentations. The Society mourned the loss of Lynn Brady, a founding member and dedicated leader who passed away on August 22, 1992. The meeting ended following the installation of officers for 1993-1994 (**Table 7**).

Changes to the Constitution and By-laws that were adopted during the previous year and reported at the 1993 Annual meeting included an amendment to cap the Honorary Membership to 2% of the total active membership, and an amendment to clarify the charge of the Publicity Committee. Also during this meeting, a resolution was passed honoring the exemplary service of Dr. James Robbers as Editor, and Dr. Jerry McLaughlin as Associate Editor, of the *Journal of Natural Products*. The resolution was published in volume 57 of the *Journal of Natural Products*. Discussions related to proposal to co-publish the *JNP* with the American Chemical Society continued.

1994 – 35th Annual Meeting in Halifax, Nova Scotia, July 31-August 4. Joint Meeting with European Sister Societies. Alice Clark installed as, President; Ken Rinehart, Vice-President

President Clark was installed at the 35th Annual Meeting, held at the World Trade and Convention Center in Halifax, Nova Scotia. This international joint meeting, co-sponsored by l'Association Française pour l'Enseignement et la Recherche en Pharmacognosie, the Gesellschaft für Arzneipflanzenforschung and the Phytochemical Society of Europe, was hosted by the University of Dalhousie and chaired by Frank Chandler. The theme of the meeting was "Natural Toxins and their Impact on Society", and there were four plenary symposia, "Toxins in Nature", "Natural Toxins as Research Tools", "Natural Products as Potential or Current Drugs", and "Natural Products as Accidental or Intentional Poisons", with a total of 13 plenary speakers. A Young Investigators Symposium featured four international scientists, and in addition there were 45 oral and 258 poster presentations. The meeting was attended by 530 scientists representing 37 countries, and 334 abstracts were published in the *Journal of Toxicology – Toxin Reviews*. James Robbers was installed as an Honorary Member, and Paul Scheuer was the recipient of the Research Achievement Award. The Society mourned the loss of Gordon Svoboda who passed away on May 7, 1994. The meeting ended following the installation of officers for 1994-1995 (**Table 7**).

At its 1994 meeting, the Executive Committee voted to unanimously support the joint venture with the ACS to co-publish the *Journal of Natural Products*. During the ensuing year, the amendments to Constitution and By-laws that were necessary to do this were put before the

membership for a vote; these passed and were reported at the 1995 meeting. The agreement between the ASP and the ACS was finalized on June 14, 1995, and the first jointly published issue was volume 59 in 1996.

1995 – 36th Annual Meeting in Oxford, MS, July 23-27. Kenneth Rinehart installed as President; Charles Hufford, Vice-President

President Rinehart was installed at the Annual Meeting. The theme of the meeting was “Natural Products as Prototype Antiinfectives. Discovery, Characterization and Development.” A total of 324 meeting participants heard 10 symposium speakers, and there were 28 oral and 174 poster presentations. The Research Achievement Award recipient was G. Robert Pettit, and William Pelletier was nominated as an Honorary Member. A Graduate Student Forum was hosted by the Dean of the Olemiss Graduate School, and was attended by over 100 graduate students and postdoctoral research associates. The Society mourned the loss of Past President Matt Suffness, who died on June 14, 1995, and other deceased members honored were Harrod (UK) and Lu (Taiwan). The meeting ended following the installation of officers for 1995-1996 (**Table 7**).

Norman Farnsworth reported on the successful Interim Meeting held in San Jose, Costa Rica on October 20-22, 1994. The meeting was co-sponsored by the University of Illinois in Chicago, the Instituto Nacional de Biodiversidad (INBio) of Costa Rica, and ASP. A symposium, “Intellectual Property Rights, Naturally Derived Bioactive Compounds, and Resource Conservation”, was chaired by Doel Soejarto of UIC and Anna Sittenfeld of INBio. A total of 118 participants heard presentations by 8 speakers from developed country organizations and 13 speakers from developing countries, as well as a special presentation by Monroe Wall, and the proceedings concluded with a lively discussion chaired by Lisa Conte of Shaman Pharmaceuticals. Major concerns centered on intellectual property rights, capacity building, technology transfer and training. Papers were published in *J. Ethnopharmacol.*, volume 51(issues 1-3), 1996.

The Constitution and By-Laws Committee proposed that the constitution be amended to allow honorary members to hold either appointed or elective offices. This amendment was subsequently passed by the ASP membership.

The Long-Range Planning Committee reported on several possible new initiatives, and one, the establishment of ASP regional sections, proposed a focus on holding meetings directed toward participation by undergraduate and graduate students. Roy Okuda, in his report from the Regional Section Study Committee, noted that an informal natural products group had existed in the N. California region for close to two years, and could serve as a prototype for ASP Local Sections.

- (1) Baker, J. T.; Borris, R. P.; Carte, B.; Cordell, G. A.; Soejarto, D. D.; Cragg, G. M.; Gupta, M. P.; Iwu, M. M.; Madulid, D. R.; Tyler, V. E. *J. Nat. Prod.* **1995**, *58*, 1325-1357.
- (2) Cragg, G. M.; Baker, J. T.; Borris, R. P.; Carte, B.; Cordell, G. A.; Soejarto, D. D.; Gupta, M. P.; Iwu, M. M.; Madulid, D. R.; Tyler, V. E. *J. Nat. Prod.* **1997**, *60*, 654-655.

ASP History 1996-2000

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Introduction

While the period 1996 to 2000 saw a steady growth in Society membership from ~1034 in 1996 to ~1200 in 2000, the exact number of members is difficult to assess since the numbers given in the annual business meeting minutes do not reflect the number of members who had not paid their dues in the previous year. The number of papers published in the *Journal of Natural Products* showed a marked increase, and the transfer of some of the revenues generated from profits shared with the American Chemical Society from distribution of *JNP*, to the ASP Foundation resulted in a substantial increase in Foundation assets in 1998. 1998 also saw a significant change in the operation of the Foundation with the agreement by John Cassady to serve as permanent Chair, replacing the earlier procedure of the Past President serving a one-year term. Another significant development was the establishment in 1997 of an official ASP website, and John Beutler assumed the position of Webmaster in 1998. In 1998, Society members were greatly relieved and thankful when David Slatkin agreed to continue his invaluable services as Treasurer of the Society.

Table 8 ASP Meetings, Officers and Statistics: 1996-2000

ASP Officers, etc.	1996	1997	1998	1999	2000
Annual Meetings Location	University of California Santa Cruz	University of Iowa, Iowa City	Disney's Coronado Spring Resort, Orlando, Florida	Vrije Universiteit, Amsterdam, The Netherlands	West Coast Grand Hotel, Seattle, Washington
President	Kenneth Rinehart	Charles Hufford	Robert Borris	Gordon Cragg	James Gloer
Secretary	Bill Keller	Bill Keller	Bill Keller	Bill Keller	Bill Keller
Treasurer	David Slatkin	David Slatkin	David Slatkin	David Slatkin	David Slatkin
Exec. Comm election	Marilyn Speedie	Roy Okuda	Guy Carter	Jon Clardy	John Beutler
AGM Chr	Roy Okuda	John Rosazza	Bill Baker	Rob Verpoorte	Jodi Laakso
AGM Program Chr	Phil Crews	Jim Gloer	Russ Kerr	Rob Verpoorte	Ulla Mocek
<i>J. Nat. Prod.</i> Ed.	Doug Kinghorn	Doug Kinghorn	Doug Kinghorn	Doug Kinghorn	Doug Kinghorn
Newsletter Ed.	Joy Reighard	Joy Reighard	Joy Reighard	Joy Reighard	Joy Reighard
Website Comm Chr		Joy Reighard	John Beutler	John Beutler	John Beutler
Auditing	David Carew	David Carew	Harry Fong	Ted Molinski	Norman Farnsworth
Awards/Funds	John Cardellina	John Cardellina	John Cardellina	John Cardellina	Bill Gerwick
Constitn/By-laws	Audrey Bingel	Tawnya McKee	Ikhlas Khan	Ikhlas Khan	Jodi Laakso
Hon. Memb Com Chr	Varro Tyler	David Carew	David Carew	Yuzuru Shimizu	Ken Rinehart
Membership	Charles Hufford	Robert Borris	Gordon Cragg	Jim Gloer	John Cardellina
Foundation Chair	Alice Clark	Ken Rinehart	Charles Hufford	John Cassady	John Cassady
Foundation Treas.	Robert Krueger	Robert Krueger	Robert Krueger	Robert Krueger	Robert Krueger
Nominations	Alice Clark	Ken Rinehart	Charles Hufford	Robert Borris	Gordon Cragg
RAA Committee Chr	Bill Pelletier	Jim Robbers	Chris Ireland	Jon Clardy	Jon Clardy
Publicity Comm	Roy Okuda	Samir Kouzi	Samir Kouzi	Samir Kouzi	Ramesh Pandey
Resolutions	Robert Chapman	Robert Chapman	Cedric Pearce	Cedric Pearce	Pedro Chavez
ASP New members	175	138	128	106	110
ASP Members*	1034	~1072	~1144	~1155	~1200
ASP Assets	\$270,321	\$219,590	\$198,441	\$204,195	\$189,785
Foundation/midyr	\$69,017	\$98,838	\$228,295	\$240,825	\$274,542
<i>J. Nat. Prod.</i> Papers	329	303	335	384	439
RAA Awardees	Meinhart Zenk	John Daly	Sidney Hecht	David Kingston	Richard Hutchinson
Hon Memb Elected	Bill Pelletier	-	John Staba	-	Paul Scheuer, Mansukh Wani

* These numbers are estimates since the number of lapsed members in the previous year was unknown

In 1996, a report by the Ad Hoc Committee on Indigenous Material presenting a resolution and recommended guidelines to be followed by ASP members in interacting with source country scientists in the study of local materials, was adopted. 1999 saw the Joint Meeting with the Association Française pour l'Enseignement et la Recherche en Pharmacognosie (AFERP), Gesellschaft für Arzneipflanzenforschung (GA), and the Phytochemical Society of Europe (PSE) held in Amsterdam, and attended by a record number of 1135 scientists from sixty-two different countries.

Highlights of each of the particular year's activities and accomplishments are given below, while the table above summarizes several key offices and parameters.

1996 - 37th Annual Meeting in Santa Cruz, California, July 27-August 1.

The 37th Annual Meeting was held at the University of California-Santa Cruz. The meeting was chaired by Roy Okuda and had an overall theme "Biotechnology and Natural Products." This was the first time that scientific sessions began on Sunday morning. In addition, there were six short talks presented by the Principal Investigators of the National Cooperative Natural Products Drug Discovery Group programs during the Suffness Symposium. Tributes to Matt Suffness were delivered by Drs. Arbuck, Horwitz, Pettit, Wall and Wani. Deceased members were James French, Jan Grzybek and Roger Metler. Meeting attendance was approximately 480.

Significant information presented at the annual business meeting (President Rinehart) showed membership to be 1,100, and that meetings through 1999 were on track. Gordon Cragg presented a report of the Ad Hoc Committee on Indigenous Material, and the ASP accepted their report and adopted their resolution and guideline recommendations. These were published in 1997 (*J. Nat. Prod.* **1997**, *60*, 654-655). No less than seven amendments to the Constitution involving points of clarification in language and committee compositions were proposed by the Constitution and By-Laws Committee. Newsletter Editor Reighard was requested to develop an ASP home page. A report concerning the Interim Meeting in Costa Rica, especially the financial aspects, was clarified by Norman Farnsworth. A preliminary proposal from an ASP member in Mexico (Raúl Enriquez Habib) to host the 2001 meeting was advanced and a formal written proposal was requested in the future before a decision was made. The host site for the 2000 meeting (Seattle) was set and Ulla Mocek volunteered to chair the meeting; again a formal written proposal was requested to be presented next year. The 2000 and 2001 sites were secured with the help of Charlie Hufford and John Cardellina. The meeting ended following the installation of officers for 1996-1997 (**Table 8**).

1997 - 38th Annual Meeting in Iowa City, July 26-30.

The 38th Annual Meeting was held at the University of Iowa. The two major symposia were "Biocatalysis and Biosynthesis of Natural Products" and "Diversity in Natural Products Discovery." Deceased members were Jack Beal and Ramachandran Nair. Meeting attendance was around 430.

Highlights of accomplishments during this year (President Hufford) included a streamlining of the business meeting. Reports would be discussed in detail at the Executive Committee and then provided to the membership two days prior to the Business Meeting, thus alleviating the need to read in detail reports during the Business Meeting. A report on the 1998 meeting in Orlando was given by Bill Baker. No formal report by Rob Verpoorte was given at this meeting for the 1999 meeting in Amsterdam, but he promised to have one for use at the 1998 meeting in Orlando.

Ulla Mocek presented her report on the 2000 meeting in Seattle and the meetings for 2001 in Mexico (Raúl Habib) and 2002 in New Jersey (R. C. Pandey) were tentatively approved with formal reports to be presented at the 1998 meeting.

The committee of the Coalition of Pharmaceutical Sciences Association chaired by John Cassady requested it be dissolved and was so approved. Dave Slatkin via the Personnel Transition Committee began planning for his replacement as ASP Treasurer. The ASP website became operational at Temple by Joy Reighard, but lots of work was needed to make it functional for the ASP. John Beutler agreed to become Webmaster in developing the site. Discussion about relocating the website and separating from the duties of the Editor of Newsletter were discussed. A proposal for the reorganization of the Board of Directors for the Foundation was briefly discussed and will be considered at the next meeting in 1998. Norm Farnsworth raised the issue of the continuance of the ASP's Presidential Reception, which had become a long-standing tradition. A proposal was approved that from here forward, no Society funds were be used to support a Presidential Reception. The meeting ended following the installation of officers for 1997-1998 (**Table 8**).

1998 - 39th Annual Meeting in Orlando, Florida, July 19-24.

The 39th Annual Meeting was held at the Colorado Springs Resort at Disney World. It featured twelve invited presentations in symposia titled "Biodiversity and Chemical Ecology, Drug Discovery, and Biosynthesis and Bioengineering." It also updated on the ICBG group programs. Deceased members were Maktoob Alam, R. Bryan Miller, John K. Brown and Richard Cannell. The meeting was attended by nearly 400 participants.

Significant developments during this year (President Borris): The streamlined process of report review and approval was used at the Annual Business Meeting. A new article for the ASP Constitution was proposed that dealt with the formation of local chapters. A concerted effort was made during the year to expand membership among industrial scientists. A formal report of the 1999 Joint Meeting in Amsterdam was given by Rob Verpoorte. The report by Ulla Mocek was also approved for the 2000 meeting in Seattle, as well as those for the 2001 meeting in Oaxaca, Mexico (R. E. Habib) and 2002 meeting in New Brunswick, New Jersey by R. C. Pandey. The proposal included a Joint ASP/Monroe Wall Symposium Meeting for 2002. A report on the upcoming ASP Interim meeting to be held in Tunica, Mississippi was presented and approved.

David Slatkin's situation had changed and he agreed to continue as ASP Treasurer, and Robert Krueger agreed to be the Treasurer of the ASP Foundation. John Beutler had agreed in 1997 to become the Webmaster for the ASP website and he worked diligently to work out the transition from Temple to a much more viable and easily accessible site.

The Ad Hoc Committee appointed last year to study a possible relationship between the Association of Natural Medicine Pharmacists (ANMP) (Connie Grauds) and the ASP recommended no formal agreement or societal endorsement be made. The ASP Foundation report by Charlie Hufford proposed a significant change in the operation of the foundation. A permanent chair was recommended instead of the current procedure of the Past President of ASP serving a one-year term. This was adopted with necessary approvals by the Executive Committee of ASP. John Cassady agreed to become the Chair. The past Presidents of ASP would serve At Large for two years and then rotate off. The meeting ended following the installation of officers for 1998-1999 (**Table 8**).

1999 – 40th Annual Meeting in Amsterdam, The Netherlands, July 26-30.

The 40th Annual Meeting was held at the Vrije Universiteit as a Joint Meeting of the AFERP, GA, and PSE. The program included 24 invited lectures and 62 short oral contributions, as well as 794 posters. The meeting attracted 1135 participants from sixty-two different countries, including 264 students of whom 138 received grants partially supporting their attendance. The social program included a welcome reception “in the presence of” the Dutch Masters at the Rijksmuseum, an excursion to the Leiden University Botanical Garden and historic buildings, and the symposium dinner which was held at Volendam.

At the business meeting (President Cragg), reports on the 2000, 2001, and 2002 meetings were approved as plans were progressing quite well. A very impressive report by John Beutler was presented reflecting the great progress he had made in making the ASP website a truly functioning entity. A report on the Interim Meeting held in Tunica, Mississippi, April 29-May 1, 1999, was submitted by Alice Clark. The theme for that meeting was “Botanical Dietary Supplements: State of Science.” A total of 182 registrants were noted and the keynote address given by Dr. Varro E. (Tip) Tyler. A proposal from John Cardellina on joint sponsorship of the ASP and the Council for Responsible Nutrition was submitted and approved. Another Interim Meeting was targeted for the spring of 2000 on Botanical Dietary Supplements. A letter from the Lloyd Library and Museum, which wanted to sever ties with ASP, was discussed. A thorough discussion ensued, but no action was taken except to note that there was some sensitivity and desire to maintain this relationship. The meeting ended following the installation of officers for 1999-2000 (**Table 8**).

2000 – 41st Annual Meeting in Seattle, Washington, July 23-26.

The 41st Annual Meeting was held at the West Coast Grand Hotel (Cavanaugh’s). The general theme of the meeting was “Exploring and Engineering Natural Products Diversity”, and included five symposia titled the Matt Suffness, Lynn Brady Memorial, Combinatorial Biology, Marine Microbials, and Biosynthesis/Higher Plants, as well as a satellite symposium entitled “Ginkgo Extract 2000. Chemical characterization, biological profile, and new perspectives” sponsored by Indena SpA. The social program included a boat trip to Tillicum Village on Blake Island with a traditional Indian salmon dinner. There were 16 invited lectures, 44 oral contributions, and 229 posters. A total of 450 people registered, and for the first time at an ASP meeting on-line abstract submission was offered, with over 80% of the abstracts being submitted electronically.

Events and developments that occurred during this year (President Gloer) are noted below. Future Interim Meetings were discussed by John Cardellina. Concrete plans had not yet been formulated. Future meeting sites were discussed and 2003 was set for Glendale, Arizona (D. J. Slatkin) and 2004 at Oregon State, Corvallis, Oregon (Bill Gerwick). 2005 remained open. Luis Manuel Péna reported on plans for the 42nd ASP meeting in Oaxaca, Mexico, which promised to be exciting both culturally and socially, with an interesting scientific program incorporating ethnobotany, biodiversity and marine chemistry. An annual dues increase in dues from \$25 to \$35 for active members and from \$15 to \$20 for associate members was approved. The meeting ended following the installation of officers for 2000-2001 (**Table 8**).

ASP HISTORY 2001-2005

Nicholas H. Oberlies^a and Jim McAlpine^b

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Introduction

During 2001-2005 the Society enjoyed a steady growth in membership and stature in the academic community. The constitution and by-laws of the Society were revised and Fellowships of the Society were established to recognize sustained research achievement in the science. Whereas the annual dues remained constant at \$35 for 12 years, Society yearly expenses more than doubled from \$343,000 to \$770,000 in this 5 year period alone. This was made possible by transfer payments from the American Chemical Society as ASP's share of the profits from the *Journal of Natural Products (JNP)*. However it had also involved considerable inroads into the Society's reserves and at the end of this period the Treasurer was warning that an increase in dues would be necessary, and this was implemented in the 2005 Annual Business meeting. Nevertheless, while the net assets fluctuated, the assets of the ASP Foundation as recorded at each midyear rose steadily from \$298,393 to \$472,388. This increase was due to the transfer of some of the *JNP* profits from the general funds, as well as donations to the Foundation by an increasing number of members. The *Journal of Natural Products*, the official ASP publication produced in collaboration with the American Chemical Society, continued to grow in stature, while not changing significantly in the number of manuscripts published; however the number of manuscripts submitted continued to climb from 639 in 2000 to 727 in 2005, but this was offset by a reduction in the acceptance rate from 71% to 65%. The Impact Factor of the Journal rose from 1.737 in 2001 to 2.267 in 2005 and the total number of cites of *JNP* articles almost doubled from 5,665 to 9,928. The Society's quarterly Newsletter was published as a 16 page glossy edition with religious punctuality in a very attractive format, and although this was admired by virtually the entire membership, the cost of producing and mailing it was raising questions of a move to electronic format and distribution.

During these years an Ad Hoc Committee on an ASP *Taxus* Historical Marker was established under the leadership of John Beutler. The impetus for this came from some archive searching that John and Tom McCloud had done on the origin of the *Taxus brevifolia* bark sample from which Monroe Wall and Mansukh Wani had isolated the first sample of taxol. Gregg Dietzmann undertook liaison with the US Forest Service and John, Tom, Gregg and the two authors of this section scoured a section of the Tatoosh mountains just prior to the Seattle Meeting in 2000 to scope out the actual site of the collection. It turned out to be virtually impossible to find the original collection site (near Packwood, WA), as the roads in the area had been changed after Mt. St. Helens erupted in 1980. Moreover, in the area where the original collection was postulated, it was rather difficult to find any stands of *Taxus*. At last, the team found a suitable site for a plaque in the nearby La Wis Wis campgrounds. John and Gordon Cragg arranged for a memorial brass plaque to be erected there, which is surrounded by several choice *Taxus* trees. It was dedicated on August 22, 2002, 40 years to the day after the original collection, and just over a month after Monroe Wall passed away on July 3, 2002. Mansukh Wani was able to attend the ceremony and delivered a moving dedication. As part of this same committee, Nick Oberlies spearheaded an effort to have the Natural Products Laboratory at RTI named a National Historic Chemical Landmark by the American Chemical Society. This effort was championed by the

local section of the American Chemical Society, which held a dedication ceremony in April 2003.¹ Several members of the ASP were in attendance, and John Cardellina as Past President delivered comments on behalf of the ASP.

Highlights of each of the particular year's activities and accomplishments are outlined after **Table 9**, which summarizes several key offices, honorary members, award winners, and parameters.

Table 9 ASP Meetings, Officers and Statistics: 2001-2005

ASP Officers, etc.	2001	2002	2003	2004	2005
Annual Meetings Location	Hotels Fortin Plaza & Mission de los Angeles, Oaxaca, Mexico	Hyatt Regency Hotel, New Brunswick, NJ	Carolina Inn and Morehead Planetarium Chapel Hill, NC	Westin Kierland Resort & Spa Phoenix, AZ	Oregon State Univ. Corvallis, OR
President	John Cardellina	Bill Pelletier	Bill Gerwick	Jon Clardy	Jim McAlpine
Secretary	Bill Keller	Bill Keller	Bill Keller	Bill Keller	Bill Keller
Treasurer	David Slatkin	David Slatkin	David Slatkin	David Slatkin	David Slatkin
Exec. Comm	Ted Molinski	Ray Andersen	Bill Baker	Ching-er Chang	Phil Crews
AGM Chr	Raul E Habib	Ramesh Pandey	Nick Oberlies	David Slatkin	Mark Zabriskie
AGM Program Chr	Rachel Mata	Renu Misra	Cedric Pearce	Pedro Chavez	Bill Gerwick
<i>J. Nat. Prod.</i> Ed.	Doug Kinghorn	Doug Kinghorn	Doug Kinghorn	Doug Kinghorn	Doug Kinghorn
Newsletter Ed.	Joy Reighard	Joy Reighard/ Renu Misra	Renu Misra	Renu Misra	Renu Misra
Website Chair	John Beutler	John Beutler	John Beutler	John Porter	John Porter
Auditing	Ted Molinski	Tawnya McKee	Jon Anderson	Jon Anderson	Norman Farnsworth
Awards/Funds	Bill Gerwick	Brad Davidson	Brad Davidson	Tawnya McKee	Phil Proteau
Constittn/By-laws	Kathy Gloer	Roy Okuda	Pedro Chavez	Pedro Chavez	Nick Oberlies
Hon. Memb Com Chr	Chris Ireland	Jim McChesney	Chris Ireland	Jim McChesney	John Cardellina
Membership	Bill Pelletier	Bill Gerwick	Jon Clardy	Jim McAlpine	Bill Fenical
Foundation Chair	John Cassady	John Cassady	John Cassady	John Cassady	John Cassady
Foundation Treas.	Robert Krueger	Robert Krueger	Robert Krueger	Robert Krueger	Robert Krueger
Nominations	Jim Gloer	John Cardellina	Bill Pelletier	Bill Gerwick	Jon Clardy
RAA Committee Chr	John Pezzuto	David Kingston	Francis Schmitz	Jim Gloer	Jim Gloer
Publicity Comm	Barry O'Keefe	Barry O'Keefe	Barry O'Keefe	John Beutler	John Beutler
Resolutions	Cedric Pearce	Frank O'Connell	Cedric Pearce	Bill Baker	Pedro Chavez
ASP New members	108	90	122	145	125
ASP Members*	~1200	~1200	~1180	~1200	~1200
ASP Assets	\$206,821	\$243,637	\$239,267	\$338,803	\$197,394
Foundation/midyr	\$298,393	\$358,411	\$353,876	\$401,018	\$472,388
<i>J. Nat. Prod.</i> Papers	397	430	370	437	385
RAA Awardees	Tom Mabry	Richard Moore	John Faulkner†	Jon Clardy	Norm Farnsworth
Hon Memb Elected	-	Gordon Cragg	Harry Fong	David Slatkin	John Cassady

* These numbers are estimates since the number of lapsed members in the previous year was unknown, but total membership numbers have hovered around 1200 for several years.

2001 42nd Annual Meeting in Oaxaca, Mexico, July 14-18.

The Society's Annual Meeting this year was held at the Fortin Plaza and Mission de los Angeles hotels. The historical center of Oaxaca is a UNESCO Cultural Heritage of Mankind site. The meeting attracted 452 participants, including 121 grad students. The focus was on biological properties, isolation and structural elucidation of natural products from a wide variety of sources. Chaired by Raúl E. Habib, ably assisted by Rachel Mata and Rogelio Pereda-Miranda, the meeting featured 4 symposia with 17 invited lectures, 42 contributed oral presentations and 268

posters. Not surprisingly, there was a high level of participation from scientists throughout the Latin American world. The ASP Research Achievement Award was presented to Tom Mabry and the Matt Suffness Young Investigator Award to Bradley Moore each of which addressed the meeting on their research achievements. The meeting included a visit to another nearby UNESCO World Heritage Center, Monte Albán, the archeological remains of what had been the center of the Zapotec civilization for approximately 1000 years from 500 BC and one of the earliest cities in Mesoamerica. Members enjoyed a gamut of gastronomic delights starting with an opening reception at the Hotel Mission de los Angeles on Saturday evening, a Mexican buffet during a poster session on Sunday evening followed by La Guelaguetza (a regional Oaxacan party), a Calendas Night on Tuesday, followed by an Oaxacan buffet at the Santo Domingo Convent, and a banquet on Wednesday at the Hotel Fortin Plaza. Of all of these, the party at the Convent was the most memorable, with a parade and fireworks and dancing that went on for several hours. At this meeting, Nick Oberlies and Melany Puglisi organized the first Younger Members Committee Career Mixers as an ice cream social, an event which has been perpetuated ever since. Deceased members remembered were Drs. Richard Schultes (Honorary member), Hoon Huh and Hirata.

2002 43rd Annual Meeting in New Brunswick, New Jersey, July 27-31.

This year's Annual Meeting was also the 3rd Monroe Wall Symposium, honoring his contributions to the science of natural products and the treatment of cancer, as Dr. Wall received his undergraduate and graduate degrees from nearby Rutgers University. The meeting was held at the Hyatt Regency hotel, and was attended by more than 460 registrants. The chair of the organizing committee was Ramesh Pandey, and his co-chairs were Renuka Misra and Robert Borris. The meeting opened with several presentations related to natural products drug discovery. This was followed with a session on "Nutraceuticals: A global view." There was also a session that spotlighted several younger investigators. The ASP Research Achievement Awardee was Richard E. Moore from the University of Hawaii. The Matt Suffness Young Investigator Award was given to two individuals, Mark Butler from Singapore and Roberto G. S. Berlinck from Brazil. Many of the social events centered on an Indian theme, due largely to Renu's influence. There was also a lively boat trip that departed from NJ and circled the Statue of Liberty. Deceased members honored were Honorary members Varro Tyler (first ASP President), Monroe Wall and Heber Youngken, Jr. as well as Joseph Hoffmann, K. Parikh, Robert Raffauf, Jan St. Pyrek and James Wheeler.

2003 44th Annual Meeting in Chapel Hill, North Carolina, July 12-16.

The Society's Annual Meeting in 2003 was held at the Carolina Inn on the campus of the University of North Carolina; roughly 25% of the 425 registrants came from outside the US. The theme of the conference was "the Changing Face of Natural Products Research" and it featured three major plenary sessions centered on Metabonomics/Metabolomics - An Emerging Science; National Cooperative Drug Discovery Grants with a key-note lecture by Samuel Danishefsky; and New Enabling Technologies for Natural Product Drug Discovery. There was also a pre-meeting workshop on NMR spectroscopy, conducted by William F. Reynolds, which was very popular, particularly with students and postdocs. The ASP Research Achievement Awardee was D. John Faulkner, who had passed away rather unexpectedly earlier in the year. As such, several of his former students and postdocs, organized by Tadeusz Molinski, presented a fitting six-part tribute to him and his numerous accomplishments over the years, both as a scientist, a mentor, and a leader. The Matt Suffness Young Investigator Award was given to two individuals, Marcel

Jaspars from the University of Aberdeen, Scotland and Seiichi Matsuda from Rice University, Texas. There were several social events, including a traditional NC-style BBQ that featured the Cane Creek Cloggers showing ASP members how to “step.” The meeting was organized by Nick Oberlies, who was ably assisted by Ioanna-Poppa Burke, Nam-Cheol Kim, Dongho Lee, Guy Carter, Ven Subbiah, Cedric Pearce, Dennis Drehmel, and George Liu. Deceased members honored were Paul Scheuer (Honorary member), Les Ceresko, John Faulkner, Andrew Flowers and Stephen Sim.

2004 45th Annual Meeting in Phoenix, Arizona, July 31-August 4.

This year was the ASP’s turn (occurring once every 10 years) to host our sister European Societies in an International Congress on Natural Products Research as an extension of our Annual Meeting. It was held in the Westin Resort and Spa, and was organized by David Slatkin and Pedro Chavez. The meeting was jointly sponsored by the ASP, the Association Française pour l’Enseignement et la Recherche en Pharmacognosie (AFERP), Gesellschaft für Arzneipflanzenforschung (GA), and the Phytochemical Society of Europe (PSE). There was a pre-meeting workshop on the critical need for pharmacognosy in the pharmacy curriculum. This included eleven speakers from around the world who covered topics in History, Status, and Techniques; Pharmacognosy in Quality Control of Herbals; and Pharmacognosy in Product Development and Clinical Evaluation. The meeting itself was subdivided into three main sessions on: Structure-Based Biosynthesis Symposium; the Sand and Sea Symposium; and the Herbal Symposium. The latter was dedicated to the memory of the late Varro Tyler, the founding president of the ASP. The Varro Tyler Prize was given to Ezio Bombardelli from Indena S.p.A., Milan, Italy. The Research Achievement Award was given to Jon Clardy, who delivered a symposium on “A DNA-based Approach to Natural Products.” The Matt Suffness Young Investigator Award was given to two individuals, Jörn Piel from the Max Planck Institute for Chemical Ecology, Germany and Jon Thorson from the University of Wisconsin. The GA presented the Egon Stahl Award to Alexandra Deters from the University of Erlangen, Neurnberg, Germany. His award lecture was on Oligo- and Polysaccharides and their effects on human keratinocytes. The social events had a humorous western theme, with a trip to Rawhide that included staged gunfights and square dancing. Deceased members honored were Bill Pelletier (Honorary member), Cecil Smith, and Elisia Veldez.

2005 46th Annual Meeting in Corvallis, Oregon, July 23-27.

The Society held its 46th Annual Meeting at the LaSells Stewart Center at Oregon State University, with the theme of “Frontiers in Bioorganic and Natural Products Chemistry.” The program featured 16 invited lectures spread across 5 special symposia on Contemporary Approaches to Natural Product Biosynthesis; Molecular Pharmacology of Marine Natural Products; Metabolic Engineering of Natural Products in Plants; Synthesis in the Development of Natural Products; and Natural Product Chemistry of Microorganism-Host Interactions. The ASP Research Achievement Award was bestowed upon Norman Farnsworth. Prior to his lecture, the Society informed him that the award had been re-named in his honor, the Norman R. Farnsworth Research Achievement Award. The Matt Suffness Young Investigator Award was given to two individuals, Dale Nagle from the University of Mississippi and Nicholas Oberlies from Research Triangle Institute. Also, the first recipient of the D. John Faulkner travel award was Thomas Prisinzano from the University of Iowa. The stimulating scientific program was complemented with a social program that included a trip to the Pacific coast and dinner at the aquarium, and a

barbecue at a local winery with lovely live music. The meeting was organized by Bill Gerwick, Mark Zabriskie, and a team of ASP members.

This year saw the culmination of two major administrative efforts. Although the society gave life-time recognition to those who make major contributions to the society per se in its Honorary Membership awards, outstanding contributions to the science of pharmacognosy received one time Research Achievement awards. Eric Schmidt headed up a committee which assessed the idea of bestowing a rank of Fellow of the Society on scientists with a sustained and outstanding record in natural products research. The committee's report to establish such an award was accepted at the Executive Committee and Annual Business meetings after much discussion on the qualifications, mechanics of selection and whether it should be restricted to members of the Society. This last point was a matter of considerable contention. It was narrowly voted that there should be no membership requirements for appointment to Fellow of the ASP. Secondly, the Constitution of the Society, drawn up at the founding had remained almost unchanged over the subsequent 45 years and the needs of the society had changed to the point where the Constitution was more notable for its contravention than its adherence. Nick Oberlies headed up the Committee to overhaul the Constitution and bring it into line with the current needs of the Society. The changes his committee recommended were accepted by the Executive Committee and the Annual Business meeting and sent out to a referendum by the membership, where they subsequently received the required two-thirds majority approval. Deceased members honored were Alfred Katz and Ken Rinehart.

(1) Raber, L. R. *Chem. Eng. News* **2003**, 81(20), 58.

ASP HISTORY 2006-2009

Bill Baker^a, Guy Carter^b and Roy Okuda^c

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Introduction

This period has been dominated by Society activities focused on the celebration of the 50th anniversary, including such efforts as the meeting in Honolulu, launch of an updated website, and the recording of the history of the Society (this book).

The Society enjoyed four meetings during this period. Besides annual meetings in Arlington, Virginia, across the Potomac from Washington, D.C. and Portland, Maine, in 2006 and 2007, respectively, two meetings were held in 2008: an interim meeting in Oxford, Mississippi (jointly with the USDA), and a joint international meeting in Athens, Greece, with four fellow European societies, The Phytochemical Society of Europe, The Society for Medical Plant Research - Gesellschaft für Arzneimittelforschung (GA), Società Italiana di Farmacologia, and hosted by l'Association Française pour l'Enseignement et la Recherche en Pharmacognosie. The ASP has always been regaled with eventful and engaging meetings and these were among the best.

One important milestone during this period was the re-establishment of ties with the Lloyd Library and Museum. With mutual enthusiasm, the Lloyd Library is now enlisted as the official repository of ASP memorabilia. The ASP has established a new 'Archivist' committee to ensure that important documents are saved and that important events are documented. The significance of this alliance stems from the long but recently neglected relationship between the ASP and Lloyd Library, who co-published our flagship journal until the mid-1990s. The journal took its

early name from the same benefactor, Uri Lloyd, when it was published as *Lloydia*. These renewed ties promise to strengthen both institutions in the service and historical documentation of pharmacognosy and its allied fields of study.

During this period, the Society lost a truly disheartening number of distinguished members. It was very disappointing to learn of the passing of three ASP Achievement Award recipients, Drs. Ian Scott, Dick Moore and John Daly. In addition, we lost three past Presidents, Egil Ramstad (1966-1967), Melvin Gibson (1964-1965) and William Kelleher (1973-1974) and two Honorary Members, Robert Hegnauer and Albert Hofmann. Active and enthusiastic members Cliff Chang and Steve Straus will be sorely missed, as will influential early member Norman Doorenbos. Memorials for each of these members have appeared in our Newsletter.

The robust constitutional foundation of the Society was largely unchanged during the 2006-2008 period. The single exception to this was the effort to recognize distinguished service to the fields of natural products research through the institution of the ASP Fellows program. The inaugural "class" of ASP Fellows were the existing Research Achievement Award recipients. New ASP Fellows are elected to their status by the body of current Fellows, and will advise the Society of matters of science and policy. It is anticipated that Fellows will represent the Society and the field of natural products outside our organization, garnering attention and respect in governmental and other influential circles. **Table 10** summarizes several key offices, honorary members, award winners and parameters.

In summary, the ASP approached its 50th anniversary these 3 years with a mature and solid organizational structure, a vibrant, enthusiastic membership, and a proud anticipation of celebration.

2006 – 47th Annual Meeting, Arlington Virginia, August 5-9.

The theme of the meeting, attended by 464 registrants, was “Natural Products on Target”, underscoring the current interest in targeted drug discovery as well as the historical utility of natural products in both revealing and elucidating molecular processes occurring in normal functioning and diseased states of living organisms. Symposia included “Synthetic and Biosynthetic Paths to Natural Products”; “Clinical Evaluation of Herbs and Supplements: Trials, Toxicology and Drug Interactions”; and “Chemical Biology of Natural Products: Molecular Targets and Molecular Methods.” There were 16 invited speakers, as well as award presentations by Bill Fenical, recipient of the Norman R. Farnsworth Research Achievement Award, John Blunt, recipient of the Royal Society of Chemistry Natural Products Reports Award, and Taifo Mahmud, recipient of the Matt Suffness Young Investigator’s Award. A special award was presented to Maureen Rouhi, Managing Editor of *Chemical and Engineering News*, in recognition for her sustained efforts in reporting on natural products research over the years. In addition, there were 46 oral contributions, 287 posters, and two workshops entitled “Developing Botanicals as ‘New’ Drugs” and “Bucking the System: Non-Academic jobs for Natural Product Scientists.” Two additional workshops following the meeting were on “Countercurrent Chromatography in Natural Products Analysis”, and “AOAC Dietary Supplements Methods Validation.” The highlight of the social program was a dinner cruise down the Potomac River and a private tour of Mount Vernon, the colonial estate of George Washington. Every registered attendee received a deck of cards including pictures of all the ASP presidents plus several other notable natural products scientists.

Table 10 ASP Meetings, Officers and Statistics: 2006-2009

ASP Officers, etc.	2006	2007	2008 (Joint EU Mtg)	2009
Annual Meetings Location	Crystal Gateway Marriott, Arlington, VA	Holiday Inn, The Bay, Portland, ME	Athens, Greece	Sheraton Waikiki, Honolulu, HI
President	Bill Fenical	Roy Okuda	Bill Baker	Guy Carter
Past President	Jim McAlpine	Bill Fenical	Roy Okuda	Bill Baker
Secretary	Bill Keller	Bill Keller	Bill Keller	Bill Keller
Treasurer	David Slatkin	David Slatkin	David Slatkin	David Slatkin
Exec. Comm elected	Cindy Angerhofer	Tawnya McKee, Barbara Timmerman	David Newman	
AGM Chr	Tawnya McKee	Stefan Gafner	Nick Oberlies	Roy Okuda
AGM Program Chr	Kirk Gustafson, John Beutler	John Cardellina	George Constantine	John Cardellina
<i>J. Nat. Prod.</i> Ed.	Doug Kinghorn	Doug Kinghorn	Doug Kinghorn	Doug Kinghorn
Newsletter Ed.	Ed Kennelly	Ed Kennelly	Ed Kennelly	Ed Kennelly
Website Chair	John Porter	John Porter	John Porter	John Porter
Auditing	Norm Farnsworth	Norm Farnsworth	Norm Farnsworth	Norm Farnsworth
Awards/Funds	Phil Proteau	Phil Proteau	Phil Proteau	Phil Proteau
Constn/By-laws	Nick Oberlies	Nick Oberlies	Nick Oberlies	Nick Oberlies
Hon. Memb Com Chr	Charles Hufford	Charles Hufford	Jim Gloer	Jim Gloer
Membership	Roy Okuda	Bill Baker	Guy Carter	Ted Molinski
Foundation Chair	John Cassady	John Cassady	John Cassady	John Cassady
Foundation Treas.	Robert Krueger	Robert Krueger	Robert Krueger	Robert Krueger
Nominations	Jim McAlpine	Bill Fenical	Roy Okuda	Bill Baker
RAA Committee Chr	Ray Andersen	Sheo Singh	Jim McAlpine	Jim McAlpine
Publicity Comm	John Beutler	Craig Hopp	David Horgen	David Horgen
Resolutions	Pedro Chavez	Pedro Chavez	Jim Gloer	Jim Gloer
ASP New members	118	73	91	
ASP Members	1114	1139	1207	
ASP Assets	\$149,727	\$149,712	\$290,228	
Foundation/midyr	\$436,562	\$578,347	\$540,718	
<i>J. Nat. Prod.</i> Papers	393	404	421	
RAA Awardee	Bill Fenical	Les Mitscher	Phil Crews	K-H Lee
Hon Memb Elected	Geoff Cordell, Otto Sticher	-	Doug Kinghorn, Yuzuru Shimizu	
ASP Fellows Elected		Doug Kinghorn, Les Mitscher, Otto Sticher, Mansukh Wani	Gordon Cragg, Bill Gerwick, Susan Horwitz, Yuzuru Shimizu, Phil Crews	

2007 – 48th Annual Meeting, Portland, Maine, July 14-18.

The theme of this year’s meeting, attended by 482 registrants, was “Natural Products: Research, Development, and Use”, a reflection of the broad scope of current research in pharmacognosy, from crude drugs to commercial products. There were five symposia entitled “Investigations of Commercial Botanicals”, “Marine Toxins”, “Natural Products: Unique Sources, Unique Techniques”, “Medicinal Chemistry of Natural Products”, and “Botanical Personal Care Products”, with lectures by 14 invited speakers. Presentations were given by Norman R. Farnsworth Research Achievement Awardee, Les Mitscher, Tyler Prize winner, Jerry McLaughlin, and there were 54 oral and 317 poster presentations. Three workshops were held on the “Contribution of Pharmacognosy to the Quality of Clinical Trials of Botanicals & Dietary Supplements”, “Modern NMR Methods for Organic Structure Elucidation”, and “Optimization and In-house Validation of Analytical Methods for Dietary Supplements.” The social program

included a typical Maine “surf and turf” dinner on Peak’s Island in Casco Bay, and one of the three optional activities on the free afternoon was a whale watch cruise in Kennebunkport.

2008 – 49th Annual Meeting, Athens, Greece, August 3-8.

This was the 7th Joint Meeting with ASP’s sister societies, Gesellschaft für Arzneipflanzenforschung, Phytochemical Society of Europe, Società Italiana di Farmacologia, together the host l’Association Française pour l’Enseignement et la Recherche en Pharmacognosie. The meeting was attended by over 1,100 registrants, including over 100 ASP members, and the program included 28 invited lectures, 120 contributed oral talks, and 1150 poster presentations covering many aspects of natural product research from plant and marine origins. Many innovative techniques and unique results were presented in both the symposia and parallel sessions. A grand opening reception was held on a rooftop patio, overlooking the brightly-lit Acropolis, and attendees were also treated to traditional Greek food and folk dancing, with a tour to Aegina, Poros, and Hydra on the meeting’s last day. ASP has agreed to host the 8th Joint Meeting in New York City in 2012, and all of the societies agreed that a joint meeting every four years would be convenient for planning purposes.

2009 – 50th Annual Meeting, Honolulu, Hawaii. June 27-July 2

This 50th Anniversary Meeting at the Sheraton Waikiki being organized by Roy Okuda and John Cardellina is eagerly awaited!

American Society of Pharmacognosy Foundation

John M. Cassady^a and Robert J. Krueger^b

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The beginning of the Foundation dates to informal discussions held under the leadership of Matt Suffness in 1989. The next year at the Bonn-BOCANS conference, an informal first “Board” meeting was held. This meeting was called and chaired by Matt and included W. J. Keller (Secretary), R. J. Krueger (Treasurer), D. J. Slatkin (ASP Treasurer), and A. D. Kinghorn (President-elect, ASP 1990-1991). The minutes were kept by Secretary Keller. Discussion briefly touched on a variety of topics that included the generation of a fall 1990 ASP Newsletter article announcing the formation of the Foundation (Suffness); the generation of a brochure about the Foundation to send to members for the solicitation of donations (Krueger); and the call for a more comprehensive meeting to be held in the fall of 1990 to discuss other issues that were being researched, such as funds use, internal fund categories, and support for travel and awards, to name a few. Matt agreed to organize a conference call to accomplish this discussion. An important precedent was set however, and that was to have the Foundation’s Board of Directors meet at least once yearly in conjunction with the ASP annual meeting to carry on whatever business is required, and to report the prior year’s activities and financial status to the ASP Executive Board and the membership. This has been maintained through to the present.

Preparations continued, a set of By-Laws was enacted, and the securing of 501c.3 status through the IRS was obtained. The Foundation was advised to operate under the umbrella of our parent ASP’s FEIN (Federal Employer Identification Number). The Foundation’s purpose as specified in those original By-Laws remains today: “To promote, support, and further the interests and purposes of the American Society of Pharmacognosy” and “To do all things incidental to the achievement of the foregoing purposes.” The By-Laws were announced at the 1991 Society’s Annual Meeting in Chicago and enacted subsequently. The first deposit to the Foundation was from the Society on January 16, 1992 of \$ 5,275. These funds represented a transfer of assets from the ASP and contributions from 3 members. An additional deposit of \$ 2,438.01 was made on May 28, 1992.

The first full year of existence of the Foundation was July 1991 to June 30, 1992, as reported to the Society and its members at the 1992 Annual Meeting in Williamsburg, VA. The Foundation filed its first 990 EZ IRS form in May of 1992. At that time the assets of the Foundation were held in an investment account with checking privileges at Merrill Lynch. The ASP membership warmly received the Foundation, and volunteers were ready to serve on its Board as can be seen from Lynn Brady’s tongue in cheek comment from his acceptance letter: “Being a recent appointee to the Foundation Board of Directors, I have no responsibility for the actions by the group of radicals who met in Chicago; note that radical pertains to radix or root, and the designation of a ‘group of radicals’ is tantamount to a bunch of turnips.” Lynn was memorialized a few years later by a generous donation from his widow, Gerry, establishing the first named account in the Foundation. It still supports student travel grants to the Society’s Annual Meeting. He and many of our members were, and remain, annual contributors to the Foundation. The Society has also been a constant supporter, donating \$ 50,000 or more each year since 1998 from its Journal and meeting income.

The ASPF, as is the case with the Society, is a volunteer organization. The leadership has been provided by dedicated members of ASP, and service in many cases has extended over many years. As indicated, the Society has been a constant supporter and has transferred funds on an annual basis to help build and grow the endowment. The liaison and visionary leader here has been David Slatkin, the long-time Treasurer of ASP. Income from our Journal generated by our agreement with ACS has made this possible. Robert Krueger has served as Treasurer since the ASPF was created by President Suffness. Bob has provided constant effort and budget and fiduciary oversight. He arranged for the establishment of our CPA and our endowment and cash accounts. The ASPF has been served by two Secretaries over the years, first William Keller and now Pedro Chavez. In the early years, the Past-President of the ASP rotated onto the ASPF Board as Chair. In order to carry out a strategic planning exercise, set goals for the endowment, and implement the annual fund campaign, this process was changed in 1994-1995. John M. Cassady rotated onto the Board in 1994 and became Chair in 1995. During that year, decisions were made to honor "Founders" of the ASP with named awards. Goals were set to raise funds for these and other awards, and the annual campaign was initiated and targeted fund-raising started. An example of this was the Pharmanex support over several years for the Tyler Prize. Cassady stayed on the Board as an at-large member through 1998. In 1999, after Charles Hufford served as Chair, John was appointed as permanent Chair of the ASPF Board. The Past-Presidents continue to rotate onto the Board. The appointment of permanent leadership by Chair, Secretary, and Treasurer has provided the continuity needed to build the Foundation.

Over the years the ASPF has grown dramatically from its first organized campaign in 1992-1993, which garnered \$ 4,000. Its balance was reported to be \$ 211,777 in 1998, \$ 234,559 in 2000, \$ 326,223 in 2002, \$ 458,273 in 2004, and exceeded the half million dollar mark for the first time in 2006 when the reported balance was \$ 578,347. During those years the awards funded by the ASPF averaged approximately \$ 25,000 per year from 1999-2002, and approximately \$ 39,000 from then until the present. The annual campaign brings in \$ 20,000 to \$ 30,000 per year. Internal named funds in the ASPF have also grown from Lynn Brady's initial fund to include named funds for Jack Beal, John Faulkner, Arthur Schwarting, Matt Suffness, Norman Farnsworth, Varro Tyler, William Pelletier, and Ken Rinehart. Additionally, the Foundation regularly awards Research Starter Grants, Undergraduate Research Grants, Travel awards to active members and Graduate students, and shares with the cooperation of the American Pharmacists Association in supporting an annual Kilmer Prize award. Finally, the Foundation funds 5 poster awards granted to juried recipients who present posters at the annual meeting. All of the ASP's awards including the *Journal of Natural Products* awards (Beal and Schwarting) are funded by the Foundation at the time of this writing. In December of 2007 the corpus for the ASPF was \$517,633.45. In December of 2008 the effects of the economic downturn reduced the corpus to \$353,487.66 (not including an anticipated \$50K contribution from the Society). The Foundation accounts are presently (December 31, 2008) managed by Raymond James Investments through its Grand Rapids, MI office.