

ACADEMY BUSINESS

INDIANA ACADEMY OF SCIENCE EXECUTIVE COMMITTEE MINUTES APRIL 24, 1992

President Lovell called the meeting to order at 2:40 pm in room 302 of the L.A. Pittinger Student Center on the campus of Ball State University.

The following members of the Executive Committee were in attendance: Bill Lovell, Wilton Melhorn, Duvall Jones, Ed Frazier, Gene Kritsky, Gary Dolph, and Jim Haddock. Guests included Carl Warnes, Charlotte Boener, Wayne Mueller, Nils Johansen, Walter Hasenmueller, Bill McKnight, and Holly Oster.

1. **Approval of minutes**

The minutes taken by W. Melhorn on March 14, 1992 were approved after minor editorial and typographical corrections were made.

2. **Report of Executive Officer** (W. Melhorn)

Wilton brought up several items that were placed under different parts of today's agenda.

The best place to reach Wilton for the next 4 weeks or so is still his university number, (317) 494-0286; additional numbers are 477-7092 (other office) or 474-4043 (home).

He is still working at getting his new office in order.

3. **Local Arrangements** (C. Warnes)

A. Fall Meeting at Ball State. The Fall Meeting will be held primarily in the Cooper Science Complex. The luncheon will be very similar to that served at Evansville. The post-luncheon lecture will be held in the same room as the meal. The Fall Program will be mailed first class, which will cost about \$1,400.00. Luncheon will be served on disposable plates at a savings of about \$1.00 per person. There will be 2 or 3 shuttle buses available to transport participants from the football stadium to the science complex. Parking close to the meeting site will be prohibitive due to extensive construction. A map will be provided with the program to help visitors.

Other Comments. The speaker of the year has not been selected yet. Stan Burden, chair of the committee, will be taking care of this. There will be no presidential address or evening banquet.

G. Kritsky will have an explanatory article in the next *Newsletter* on how to fill out the abstract box. This should greatly help Carl Warnes in putting the Program together.

- B. Spring (1993) Meeting at Purdue (Melhorn). George Parker is serving as local chair. The meeting will take place sometime during the last 2 weeks of April at the old Purdue Leadership Center (approximately 4-5 miles west of campus and overlooking the Wabash River). The Tippecanoe Parks people now operate this facility. It is unclear at this time as to whether or not the sleeping facilities on the property will be restored and available. The facility is in a rural setting with nature trails suitable for the Saturday field trip.

Parker has also set up a local committee consisting of Bill Chaney, Eileen Kladivko, Larry Bledsoe, and Larry Minchella. Parker will also be checking with the people at Ball State relative to costs for the 1992 meeting.

The exact date of the 1993 Spring Meeting will hopefully be available by the time that the next *Newsletter* goes to press.

- C. Fall (1993) Meeting at Purdue. Meeting dates have been set for November 4-5.
- D. 1994 Meetings at Indiana University South Bend (Victor Riemenschneider). The Chancellor of Indiana University South Bend has extended an invitation to the Academy to meet on that campus on April 29-30 and November 3-4, 1994.

Larry Barber and Victor Riemenschneider will serve as co-chairs of the Local Arrangements Committee.

A motion was made and seconded to accept the above invitation. Motion approved.

- E. 1995 Meetings (G. Kritsky). The Tri-State meeting with the Ohio and Kentucky Academies of Science now appears to be unlikely (see old minutes for historical development).

There is a possibility of holding the 1995 meeting jointly with the Kentucky Academy of Science (meeting site could be in either of the two States at this point).

4. **Treasurer's Report** (E. Frazier)

Ed reported that the Balance on Hand in the Operating Fund is \$30,471.27, while in the Restricted Funds, it is \$35,276.89 for a total of \$65,748.16.

A motion was made and seconded to increase Travel (in the Operating Fund) to \$600.00 for the year (from \$100.00). Motion approved.

A motion was made and seconded to move \$150.00 from the Publications Committee to the Biological Survey Committee. Motion approved.

A motion was made and seconded to receive the report of the Treasurer. Motion approved.

5. **Audit Committee's Report** (Frazier)

The financial records of the IAS for fiscal year 1991 were examined by the Audit Committee (Cleveland and Basu) and appear to be a fair and accurate record of the financial condition of the Academy. It was moved and seconded to accept the report of the Audit Committee. Motion approved.

6. **Amendments Committee** (E. Frazier)

Ed submitted proposed changes to the BYLAWS for the position of Executive Director. (See full text in Addendum to these minutes). If approved by the Council at the Fall Meeting, the changes would become effective on January 1, 1993.

After some pro and con discussion on the role and need of having an Executive Director (= Executive Officer), it was moved and seconded to present the proposal to the Council for its approval at the Fall 1992 Meeting. The Motion was approved after a hand count showed 5 in favor and 1 opposed.

Ed also proposed changes consisting of editorial rearrangement within the BYLAWS (Article VI. Committees and Appointed Positions; see full text in Addendum to these Minutes). A motion was made and seconded to approve the editorial changes for appointed positions with the exception of item 5 (Executive Director), which was handled separately. The Motion was approved.

President Lovell then asked Charlotte Boener to chair an ad hoc Committee to write a job description for the position of Executive Director, assuming that the position will become constitutionally valid through approval by the Council at the Fall Meeting. Charlotte consented and will form a committee consisting of 3 members.

7. **Report of the Nominations Committee** (C. Boener)

Not too much to report at this time. Nominations will be coordinated with the forthcoming *Newsletter*.

8. **Report of the Publications Committee** (B. McKnight)

A. *The Minerals of Indiana*. The Publications Committee is working aggressively with authors on the title *The Minerals of Indiana*. A more formal proposal will be offered at the Fall Meeting.

B. *Indiana: A Natural Perspective*. Bill has recently reopened discussion with

John Gallman, editor of IU Press, on the publication of *Indiana: A Natural Perspective* (95% of the authors are Academy members). Marian Jackson is the editor of this publication. Publication is tentatively proposed for the Fall of 1993. The Publications Committee is proposing to contribute \$3,000.00 in funds from their budget to be used to pay for an increased number of photographs in the text. In return, the IAS would be listed as a co-sponsoring contributor on the title page. In addition, the Academy would be allowed to purchase copies at approximately 50% of the retail price (\$36.00 - \$39.95) for sale to Academy members.

Bill would like to get closure on this proposal by late November 1992 so that the money could be paid to IU Press at that time.

Bill asked for approval to draft a Memorandum of Agreement that would be approved by IU Press and then by the IAS Executive Committee. Upon approval by the latter, the Treasurer would be authorized to sign the Agreement and release the funds.

President Lovell recommended that Bill proceed with the drafting of the memorandum.

- C. The Exotic Species Symposium. The publication date for the Exotic Species Symposium is tentatively set for September 1, 1992. The Natural Areas Association is contributing \$1,000.00 toward publication costs and will purchase 500 copies at a 50% discount. Bill already has 100 requests for the book and estimates that 200 more will be sold at the Fall Meeting.

Publication costs will run about \$20,000.00. There is currently \$26,000.00 in the Special Publications Account with \$15,000.00 of that earmarked for *Orchids*.

A motion was made and seconded to permit the Publications Committee to spend \$20,000.00 from the above account for publication of the Exotic Species Symposium. Motion approved.

9. Report of the Editor (G. Dolph)

- A. *Proceedings* Update. Volume 100 (3-4): 3 galleys are still out. Gary hopes that Volume 100 will be out in 6 weeks. The Executive Committee and Academy Council Minutes for 1991 will be included in this Volume as well as the Financial Report and the Necrologist's Report.

Duvall asked that lists of new members and financial reports also be included.

Volume 101 (1-2). Gary needs 1 paper to complete this issue.

- B. There will be an Editorial Board meeting next November. A main topic will be a discussion of how to tighten standards for publication.

10. Report of the Membership Secretary (Jones)

Membership totals are about the same as last year.

Duvall is working with a list of the Indiana College Biology Teachers Association to help increase membership and is also identifying individuals within various universities/colleges and large departments to aid in membership recruitment.

11. Report of the Emeritus Status Committee (Hopp)

A motion was made and seconded to approve K.W. Nightenhelser from Arcadia, Indiana, and Donald M. Winslow from Maine for Emeritus Status. Motion approved.

12. Adjournment

A motion was made and seconded to adjourn the meeting at 4:35 pm. Motion approved.

Respectfully submitted,

Jim Haddock, Secretary

ADDENDUM

PROPOSED CHANGES FOR EXECUTIVE DIRECTOR

Legend

Bold-faced portions are additions to the Bylaws.

Underlined portions are to be deleted from the Bylaws.

Bylaws

Article VI. Committees and Appointed Positions

Sec. 2. The President, and President-elect shall be ex officio members of all committees **except the Nominations and Election Committee. The Executive Director shall be an ex officio member of all committees but without a vote.**

Sec. 3. List of Appointed Standing Committees and Positions

(5) Executive Director. The Executive Director shall be appointed by the Executive Committee for a three-year term and may be reappointed. The Executive Director shall be responsible to the Executive Committee and work closely with the President. The Executive Director shall develop and administer a Handbook of Operations; coordinate committee chairs, fund raising activities, and relations with other organi-

zations; maintain contacts with state agencies; prepare the annual budget with the advice of the Treasurer; and fulfill other duties as may be directed.

(18) Science and Society Committee. The Science and Society Committee shall consist of nine to twelve members of the Academy, including representatives of industry, serving staggered three-year terms. This committee may maintain a permanent office with a Director and supporting personnel, and is authorized to solicit financial support for its work from foundations or other sources **in coordination with the Executive Director.** This committee shall bring to the attention of the Governor and General Assembly of Indiana the nature and activities of the Academy, indicating that its State Charter and its continued support from the State places upon it the obligation to serve the State in every way possible; to develop procedures for disseminating scientific information and offering scientific advice to citizens of the State through the establishment of a Speaker's Bureau and the use of the various news media; and to mobilize the membership of The Academy in support of these efforts.

PROPOSED CHANGES FOR EXECUTIVE DIRECTOR AND REARRANGEMENT OF APPOINTED POSITIONS AND COMMITTEES

Legend

Bold-faced portions are additions to the Bylaws.

Underlined portions are to be deleted from the Bylaws.

Italicized portions are moved or rearranged from the original Bylaws.

Bylaws

Article VI. Committees and Appointed Positions

Sec. 2. The President, and President-elect shall be ex officio members of all committees **except the Nominations and Election Committee. The Executive Director shall be an ex officio member of all committees but without a vote.**

Sec. 3. List of Appointed *Positions*

(4) Editor. The Editor of the Proceedings shall be appointed by the President on recommendation of the Publications Committee and approval of the Executive Committee. The Editor shall be a member of The Academy. The term of the Editor shall be three years, and may be renewed. The Editor shall chair the Editorial Board, serve on the Executive Committee, the Budget Committee, and be responsible for editing and publishing the Proceedings.

(5) Executive Director. The Executive Director shall be appointed by the Executive Committee for a three-year term and may be reappointed. The Executive Director shall be responsible to the Executive Committee and work closely with the President. The Executive Director shall develop and administer a Handbook of Operations; coordinate committee chairs, fund raising activities, and relations with other organi-

zations; maintain contacts with state agencies; prepare the annual budget with the advice of the Treasurer; and fulfill other duties as may be determined.

(6) *Necrologist.* The Necrologist shall report annually on the loss of members by death and shall offer memorial resolutions.

(7) *Parliamentarian.* In addition to the performance of the regular duties of this office, the Parliamentarian shall make services available, in an advisory capacity, for the formulation of proposed amendments to the Constitution and Bylaws and shall keep these documents up to date by incorporating in them all amendments adopted by The Academy. The Parliamentarian shall serve as Chair of the **Amendments Committee**.

Sec. 4. List of Standing Committees

(1) *Academy Relations to the State Committee.* The Academy Relations to the State Committee shall be responsible for all legal and financial relations of The Academy to the State of Indiana.

(2) *Amendments Committee.* The Amendments Committee shall consist of three members, with Parliamentarian as Chair. It shall be responsible for all amendments to the Constitution and Bylaws. It shall be responsible for all amendments and review them in terms of their effect on the present Constitution and Bylaws, including conflicting language and impact on Articles and Sections other than those being amended. In case of any such conflict, the committee on Amendments may revise the language to bring it to agreement with the present Constitution, and, with the consent of the proposer, present it at the next regular meeting of the Council, or it may be returned to the proposer with suggestions for revision. In no case may an amendment to the Constitution or Bylaws be presented for approval by the Council without being first reviewed by the committee on Amendments. Each proposed amendment must be accompanied by a review statement by the committee on Amendments.

(3) *Auditing Committee.* The Auditing Committee shall be composed of two or three members who shall audit The Academy's financial records annually. It shall review the annual financial report and provide an evaluation of financial records and practices. The committee shall present its report to the Executive Committee no later than April 1.

(4) *Biological Survey Committee.* The Biological Survey Committee shall consist of up to 15 specialists from the fields of botany and zoology who are active in taxonomic and distributional field studies of the flora and fauna of Indiana. There shall be ample representation from both disciplines. It is the function of the committee to promote the study of natural history with an emphasis on the compilation and publication of data on the biota of Indiana. The committee shall advise and provide expertise to The Academy on matters pertaining to the plants and animals of Indiana.

(5) *Editorial Board of the Proceedings.* The Editorial Board shall consist of members selected in consultation with the chair of the Publications Committee and the Editor. The term of each board member shall be 3 years, concurrent with the term of office of the Editor. Board members may be reappointed for additional terms. Editorial Board members

will be selected for their knowledge of particular fields of science so that the total board may constitute a broad spectrum of scientific expertise. The function of the Editorial Board shall be to assist and advise the Editor in editing and publishing the Proceedings of the Indiana Academy of Science. The Board will assist the Editor in reading, selecting and refining papers submitted for publication.

(6) *Emeritus Member Selection Committee.* The Emeritus Member Selection Committee shall receive petitions for emeritus membership status and recommend those eligible for this membership status to the Council.

(7) *Fellows Committee.* The **Fellows Committee** shall be composed of Fellows representing diverse disciplines, serving three-year terms, with some rotation in the terms of the members of the committee. This committee shall present to the Council recommendations for any members to be honored by election to the status of Fellow.

(8) *Library Committee.* The Library Committee shall have charge of all matters concerning the John Shepard Wright Memorial Library and its relation to the State Library.

(9) *Local Arrangements Committee.* The local arrangements Committee shall consist of persons from the host institution. This committee shall make all arrangements for regular meetings of The Academy and its various sections, and shall cooperate with the Program and Invitation Committee in the preparation, printing and distribution of the program and abstracts of the Annual Meeting. Any Symposium or other special program held in conjunction with a regular meeting must be approved by the Executive Committee of the Academy. The Chair of this committee is an ex officio member of the Budget Committee.

(10) *Membership Committee.* The Membership Committee shall promote and encourage membership in The Academy. The President-elect each year shall serve as the committee Chair and the Treasurer shall serve as an ex officio member.

(11) *Natural Areas Committee.* The **Natural Areas Committee** shall consist of nine members appointed for three-year rotating terms from the fields of botany, geology-geography, and zoology, and with as wide geographic distribution in the State as practicable. This committee shall serve as a channel through which suggestions made by members as to the conservation and preservation of natural areas may be referred to the Council in the form of recommendations.

(12) *Nominations and Elections Committee.* The Nominations and Elections Committee shall consist of three past officers (no current officer may serve). a) The committee shall call for suggestions for nominees for offices to be filled at the next election from the membership by a timely notice in the quarterly Newsletter, and prepare a ballot containing at least two nominees for each position to be filled, except incumbents may be presented unopposed unless there are nominations from the membership. Members of The Academy may nominate any qualified Academy member for any elective office to be vacant the following year, by a petition signed by at least fifteen Academy members in good standing. This petition must be accompanied by a letter from the nominee indicating willingness to serve, and must be received by the Chair of the Nominations and Elections Com-

mittee by May 1. In the event that more than two nominees for any one position appear on the ballot, the Committee shall prepare a rating system of voting for those nominees which will permit determination of a majority vote for one nominee for that position. b) Ballots should be mailed at least one month before the return deadline, and mailed by the voting members no later than October 1. c) Returned ballots will be counted by the Nominations and Elections Committee or other designated Academy members. A winning nominee for each position shall be determined by a majority vote of the ballots received. In the event of a tie vote for any position, the vote shall be resolved by the members attending the Annual Meeting. The results of the election shall be reported by the Chair of the committee at the Annual Meeting and in the Newsletter.

(13) *Program and Invitations Committee.* The Program and Invitations Committee shall consist of at least eight members, two Academy members from each of the Local Arrangements Committees of the current, immediate past year and the next year, one member appointed in consultation with the Director of the Junior Academy and the Treasurer, *ex officio*. Additional members may be appointed if needed. The committee shall receive and solicit invitations from institutions which offer their facilities and services as hosts for meetings of The Academy and shall make recommendations to the Council as to places of future meetings. There should be a clear understanding about the needs of The Academy and financial arrangements with the prospective host institution before any invitation is finalized by The Academy. The Executive Committee should be apprised of any issues in the course of deliberations with the prospective host institution. The committee will also serve in an advisory capacity to the current Local Arrangements Committee, and provide assistance in the printing and distribution of the program and abstracts of the Annual Meeting. The Chair of the committee is an *ex officio* member of the Budget Committee.

(14) *Publications Committee.* The Publications Committee shall consist of eight members, The Editor, The Chair of the Public Relations Committee, The Chair of the Library Committee, and five members appointed by the President. One of these shall serve as Chair of the committee for a three-year term, which may be renewed. The committee shall determine what is and should be an Academy publication, and shall be responsible for publication of monographs and other special publications, except for the annual program and the Proceedings. The committee shall advise the Editor on matters pertaining to the publication of the Proceedings, but not the selection and editing of the papers to be published.

(15) *Public Relations Committee.* The Public Relations Committee shall provide to the media and the membership notices of meetings and any other information which will acquaint the public with the works of The Academy.

(16) *Research Fellowship Committee.* The Research Fellowship Committee shall select secondary school teachers from among the membership of The Academy to receive fellowships for summer research.

(17) *Resolutions Committee.* The Resolutions Committee shall prepare and submit resolutions at meetings of The Academy.

(18) *Science and Society Committee.* The Science and Society Committee shall consist of nine to twelve members of The Academy, including representatives of industry, serving

staggered three-year terms. This committee may maintain a permanent office with a Director and supporting personnel, and is authorized to solicit financial support for its work from foundations of other sources in coordination with the Executive Director. This committee shall bring to the attention of the Governor and General Assembly of Indiana the nature and activities of The Academy, indicating that its State Charter and its continued support from the State places upon it the obligation to serve the State in every way possible; to develop procedures for disseminating scientific information and offering scientific advice to citizens of the State through the establishment of a Speaker's Bureau and the use of the various news media; and to mobilize the membership of The Academy in support of these efforts.

(19) Science Education Advisory Committee. The Science Education Advisory Committee should consist of 9 to 12 members, serving 3-year terms with members eligible for reappointment. At least 1/3 of the members should come from the college/university ranks, and at least one member should be a science educator. At least 1/3 of the members should come from the secondary or elementary teaching levels. There should be representation from each of the four major disciplines — biology, chemistry, earth/space science, and physics. The committee will promote quality science teaching in the State of Indiana by such means as suggesting curricular and science textbooks, holding symposia, sponsoring publications, encouraging better training of teachers, generating resolutions for Academy approval, and promoting the importance of science literacy for our society generally.

(20) Speaker-of-the-Year Selection Committee. The Speaker-of-the-Year Selection Committee shall select a special lecturer from among the membership of The Academy who will deliver a lecture to the annual meeting of The Academy and to four or five colleges in the State of Indiana during that academic year. The appointment shall be made and the name communicated to the appropriate officers of The Academy by June 1st each year. This program will be supported by The Academy through a special honorarium to the speaker.

(21) Youth Activities Committee. The Youth Activities Committee shall consist of twelve members, including the directors of the various youth activities related to The Academy, representing diverse scientific backgrounds and colleges, universities, and secondary schools. The duties of the committee shall be to coordinate Academy sponsored programs in science for middle and secondary schools, to formulate general policies for such activities for which The Academy has accepted some responsibility, and to advise the President on the appointment of persons to lead such activities.

Sec. 5. Other standing committees may be appointed by the President, with the approval of the Executive Committee, or by the Council.

INDIANA ACADEMY OF SCIENCE COUNCIL MINUTES APRIL 24, 1992

President Lovell called the meeting to order at 4:45 pm in room 302 of the L.A. Pittinger Student Center on the campus of Ball State University.

1. **Approval of the Minutes**

The Minutes of the November 7, 1991 meeting were approved.

2. **Approval of the Agenda**

The Agenda for today's meeting was approved, after addition of a few items.

3. **Brief Report of Executive Officer (Melhorn)**

Volume 98 is still in limbo, as Academy officers have not received manuscripts from the former editor.

The *Yearbook* is being printed and should be available in a week.

4. **Report of Local Arrangements Committee (Lovell)**

The 1993 meetings will be held at West Lafayette.

It was moved and seconded that the Council approve IUSB as the site for the 1994 meeting. Motion approved.

There has also been a suggestion that we consider a joint Indiana-Kentucky meeting for 1995.

5. **Treasurer's Report (Frazier)**

Our Operating Fund as of January 1, 1992 stood at \$16,512.98 and at the end of the 1st quarter stood at \$30,471.27. Additionally, there are restricted funds designated for specific projects (see Addendum).

6. **Report of the Amendments Committee (Lovell)**

This committee was charged to recommend changes in the Bylaws that would be necessary to formally recognize the position of Executive Officer. The essence of that recommendation is contained in item 5:

The Executive Director shall be appointed by the Executive Committee for a three-year term and may be reappointed. The Executive Director shall be responsible to the Executive Committee and work closely with the President. The Executive Director shall develop and administrate a Handbook of Operations, coordinate committee chairs, fund raising activities, and relations with other organizations; maintain contracts with state agencies; prepare the annual budget with the advice of the Treasurer; and fulfill other duties as may be directed.

The Executive Committee will ask the Council for approval of these additions to the BYLAWS (Article VI, Sec. 2 & 3) at the annual Fall Meeting.

The minutes of the December 12, 1987 Executive Committee Meeting show that the 1st draft that dealt with the position was approved. The position originally was considered on a 3-year experimental basis but went four years. We now have our second "interim" [my quotes] Executive Officer, who is 4 months into his 1st term without the position being ratified in the BYLAWS.

There was a concern raised that the title "corresponding secretary" might better reflect the duties of this position as they have been performed in the past (i.e., sending out Agenda's for the President, sending out mailings, etc.).

Another concern raised was that the position might be too powerful relative to that of other offices. Also, the fact that the position is an appointed one means that candidates are not reviewed by the membership as a whole.

Other opinions offered were that this officer should not hold another position in the Academy. Others in the group expressed the importance of having an Executive Director for the sake of having some continuity from one year to the next.

Considerable debate also ensued over how generic the BYLAWS articles and job description should be. Finally, there appeared to be some consensus that both the Articles and job description should be brought forward for action at the same time this fall. Also, the general membership needs to be appraised via the *Newsletter* of the name change for the position from Executive Liaison Officer to Executive Director to avoid confusion.

Charlotte Boener will head an ad hoc committee to write a job description.

7. **Report of the Nomination Committee** (Lovell)

The editor of the *Newsletter* has been soliciting recommendations for people to serve in various offices of the Academy.

8. **Report of the Publications Committee** (McKnight)

Orchids of Indiana is being revised by IU Press. Galleys should be available in early July, with publication in the spring of 1993 (hopefully in March).

The Publications Committee has been working with authors at the Geological Survey at IU to develop a *Minerals of Indiana* publication. This will be the first non-biological publication sponsored by the Academy. It will be geared towards the interested amateur as well as the professional. If things proceed well, this book should be released in 1995.

A revised edition of *The Natural Areas of Indiana* is being considered for publication. More color photographs would be included, for example. A one-time con-

tribution to IU Press of \$3,000.00 would allow us to be listed as a sponsor on the title page. We would also be allowed to purchase copies at a pre-publication price (reduced rate) which would be available to Academy members. This publication is scheduled for release in the fall of 1993.

Revenues would exceed expenses on this publication according to McKnight. The \$3,000 would be transferred laterally to this project from funds already in the budget of the Publications Committee.

Publication of papers presented at the Exotic Species Symposium, which was sponsored by the Academy of Science in October, 1991, is slated for around September 1 of this year. Bill McKnight is serving as editor. This will be a special publication and will not be an issue of the *Proceedings*.

The Publications Committee would like to develop either a 10-year or a 100-year index for the *Proceedings*. If any party is interested in this project, please contact Bill or any member of the Publications Committee.

9. **Report of the Biological Survey Committee (McKnight)**

The Committee is working on a "short list" of native Indiana flowers that are good species to recommend as the State Flower. Public input would be encouraged from flower clubs, people inside and outside of academia, etc. A poster would then be designed that highlighted the half dozen or so contending species. The poster would be circulated to all of the 3,800 4th grade classes in the State. The school children would then make the decision on the "Native Flower of Indiana".

The Biological Survey Committee needs money to produce and mail the posters but is not empowered to solicit for funds. The timetable for the project is to have the posters in the classrooms by the second week of September, 1993. The Survey Committee is asking for Council permission to proceed with the project and for permission to solicit outside funds.

The following Resolution was moved and seconded: that the Council approve the project, direct the Executive Director to work with the Biology Survey Committee to solicit funds, and recommend to the Executive Committee that the Resolution be approved at the next Executive Committee meeting. Motion approved.

10. **Report of Youth Activities (Dolph)**

The new Director for the Indiana Academy of Science Talent Search is Dr. Melissa Warden, a member of the biology faculty at Ball State.

Since the first issue of Volume 100 of the *Proceedings* will likely come in at exact State bid, Youth Activities will be asking for a reinstatement for Science Fair support based on funds saved.

11. Report of the Editor (Dolph)

The last issue of the *Proceedings* came in at approximately \$8,400.00. Volume 100 (1-2) is ready to go to press. He is lacking one article before that can happen.

Minutes of the Executive Committee and Council will again be published in the *Proceedings* as they become available from the secretary.

New members will be listed by section in the *Proceedings*; Necrology and Financial Reports will also be added. Longer "reports" on noted Indiana scientists will be published through the History of Science Section. The Speaker of the Year report will also be published.

The Editorial Board will be meeting at the Fall Meeting. A topic of discussion will be ways to tighten up or improve publication standards.

12. Report of the Membership Secretary (Jones)

Membership totals are about the same as last year. Duvall is working with a list from the Indiana College Biology Teachers Association to help increase membership and is also identifying individuals within various universities/colleges and large departments to aid in membership recruitment.

13. Position Statements of Public Candidates Running for State Offices (Jones)

Gene Kritsky has agreed to help obtain position statements (roughly 300 words) from candidates that are running for public office (e.g., State Superintendent of Public Instruction and Governor). These would then be published in the *Newsletter*.

14. Adjournment

A motion was made and seconded to adjourn at 5:45 pm. Motion approved.

Respectfully submitted,

Jim Haddock, Secretary

ADDENDUM

INDIANA ACADEMY OF SCIENCE ACCOUNT SUMMARY

	Beginning Balance 1-1-92	Revenues YTD	Expenses YTD	Balance on Hand 3-31-92
Operating Fund	\$16,512.98	\$18,320.88	\$4,362.59	\$30,471.27
Restricted Funds				
<i>Proceedings</i> Fund	\$324.00	\$478.00	\$0.00	\$802.00
Reprint Fund	\$1,932.08	\$110.00	\$461.44	\$1,580.64
Publication Fund	\$14,284.94	\$49.90	\$4,100.00	\$10,234.84
Research Grant Fund	\$2,056.62	\$0.00	\$0.00	\$2,056.62
Talent Search Fund	\$5,471.97	\$3,665.00	\$2,136.67	\$7,000.30
Lilly Library Fund	\$6,714.45	\$0.00	\$0.00	\$6,714.45
Welch Fund	\$5,885.00	\$419.87	\$0.00	\$6,304.87
Exotic Species Fund	\$-77.83	\$721.00	\$60.00	\$583.17
Total Restricted Funds	\$36,591.23	\$5,443.77	\$6,758.11	\$35,276.89
TOTAL FUNDS	\$53,104.21	\$23,764.65	\$11,120.70	\$65,748.16

		Deposits	Withdrawals	
Checking Account	\$9,406.22	\$21,892.90	\$24,120.70	\$7,178.42
Money Market Savings	\$12,697.99	\$14,144.70	\$0.00	\$26,842.69
Certificates of Deposit	\$31,000.00	\$727.05	\$0.00	\$31,727.05
TOTAL FUNDS ON DEPOSIT	\$53,104.21	\$36,764.65	\$24,120.70	\$65,748.16

Edward Frazier
Treasurer

**INDIANA ACADEMY OF SCIENCE
INFORMAL MEETING OF THE
EXECUTIVE COMMITTEE
OCTOBER 2, 1992**

Minutes for Informational Purposes Only

President Lovell called the meeting to order at 2:50 pm in room 356 of the Lilly Science Hall at the University of Indianapolis.

The following members of the Executive Committee were in attendance: Bill Lovell, Duvall Jones, Wilton Melhorn, and Jim Haddock. Other members in attendance were Charlotte Boener, Bill Gommel, and David Chesak. There was no quorum present.

1. **Secretary's Report** (Haddock)

Minutes of the April 24 meeting to be moved for approval at the November 5, 1992 meeting at Ball State.

2. **President's Comments** (Lovell)

We are moving forward and making good progress at this time.

3. **Executive Officer Comments** (Melhorn)

A. 1994 Meeting. The Chancellor of IU South Bend has extended a formal invitation for the IAS to meet on their campus in 1994, and the Academy has accepted.

B. 1993 Meetings at Purdue. Wilton will be attending a planning meeting on October 16 along with George Parker and other members of the Local Arrangements Committee.

C. 1995 Meetings. Wilton talked with Gene Kritsky and there is still a possibility of having a joint meeting with Kentucky. The discussion centered around a Fall Meeting to be held at the Owensboro Convention Center.

A Spring 1995 Meeting was not discussed. A separate committee would need to be appointed to organize this meeting (perhaps in southern Indiana).

D. Certificate of Appreciation. A certificate of appreciation was presented to Sallye Hunter on September 11 for her help with the *IAS Yearbook* over the last several years.

E. Winslow holdings. There is still lots of material to be sorted.

4. **Editor's Report** (Melhorn for Dolph)

Gary reported that Volume 100 (3-4) was published September 18, 1992.

5. **Local Arrangements Committee** (Melhorn for Warnes)

Meeting times for committees on Thursday November 5:

Publications	1:00 pm
Executive	2:30 - 5:00 pm
Council	5:00 pm

Program should be in the mail by early October.

Abstracts are to be camera-ready (we need to improve the quality of submitted abstracts).

6. **Publications Committee** (McKnight)

- A. *Orchids of Indiana*. Final page proofs are due to Bill soon.
- B. Exotic Species Symposium. Twenty-one papers have been received. Page proofs are ready for twenty of the twenty-one, and Bill is still hoping to have this publication ready by late October for the Natural Areas Meeting.
- C. Ten-year Index. Charlotte Boener has volunteered to do a 10-year index (Volumes 91-100). She needs Volumes 98, 99, and 100. This may be published in disc form rather than in hardcopy. If it is a hardcopy, it may be merged with a volume of the *Proceedings* or may be as a separate.
- D. Coordination with the State Library. Bill discussed at some length the need to improve communications with the State Library relative to maintaining Academy materials and publications there. Some recommendations included meeting with the Library Director and resurrecting the IAS Library Committee. President Lovell encouraged the Publications Committee to bring forth recommendations for consideration.

7. **Amendments Committee** (Gommel)

- A. Bill made copies of the Constitution available (not including the recent suggested changes).
- B. There was a suggestion to change the title "Executive Director" to "Executive Secretary" or to "Executive Officer."

The Bylaws (printed in the *Newsletter*) will be presented at the November Council Meeting.

The original term (i.e., "Executive Director") will be presented to the Council, and an Amendment could be proposed at that time regarding the name change.

8. **General Discussion**

The last few minutes of this informal meeting involved considerable discussion as to whether the changes pertaining to the "Executive Director" should be incorporated into the Constitution or the Bylaws. The general consensus was that since it is an appointed position rather than an elected one, it should be placed in the Bylaws.

Other minor amendments were suggested and will undoubtedly be brought up at the forthcoming Council Meeting.

INDIANA ACADEMY OF SCIENCE EXECUTIVE COMMITTEE MEETING OCTOBER 2, 1992

A quorum was reached at 4:17 pm with Ed Frazier's arrival. President Lovell then formally brought the committee to order.

1. **Secretary's Report** (Haddock)

The minutes of the April 24, 1992 meeting were presented for approval after typographical changes were made. Motion approved.

2. **Treasurer's Report** (Frazier)

- A. Remuneration expenses for travel, etc. The procedures for applying for remuneration should be part of an information packet given to new officers, etc.
- B. There was a motion to accept the Treasurer's Report. It was approved, and the report was accepted.

3. **Old Business**

- A. Report of the *ad hoc* Committee on the Executive Director's Position (Boener). Charlotte presented a report entitled "Responsibilities of the Executive Director." A motion was made to receive her report. Motion approved.

President Lovell asked the Executive Committee to be prepared to discuss the report and to consider its inclusion in the *Handbook of Operations* at the next meeting. Her committee also submitted a letter to the President to express their recommendations for long-range planning.

Considerable discussion ensued relative to whether or not the position has actually been established and approved by the Council. The general consensus was that the effort to improve the workings of the Academy through the creation of the position of Executive Director has been a long and torturous one that has involved four administrations. This is due to the fact that for the first 3 years, the position was experimental in nature. The majority felt that the move to permanency is an important one and necessary if the Academy is to flourish. There were several opinions expressed that the Academy Officers individually, and collectively as the Executive Committee, have acted in good faith relative to bringing this project to fruition.

4. **New Business** (Melhorn)

- A. A.J. Phinney Memorial. The late A.J. Phinney was a charter member of the Academy. His grave, in Muncie, is unmarked.

President Lovell will donate \$250.00 from the President's Fund to help defray the expenses for his marker.

- B. 1993 Yearbook. Wilton has proposed sending the 1993 Yearbook to all members.
- C. Return postage for Ballots and Dues Notices. Paying for return postage has been suggested as a way to improve returns by the membership.

5. **Adjournment**

It was moved and seconded that the Committee adjourn at approximately 5:00 pm. Motion carried.

INDIANA ACADEMY OF SCIENCE EXECUTIVE COMMITTEE MINUTES NOVEMBER 5, 1992

The meeting was called to order by President Lovell at 2:30 pm in Room CL118 of the Cooper Science Building at Ball State University.

The following Executive Committee members were in attendance: Dolph, Frazier, Had-dock, Jones, Kritsky, Lovell, and Melhorn.

Additional Academy members present were: Boener, Gommel, Hasenmueller, Jensen, McKnight, Mueller, Oster, Parker, Rothrock, Townsend, and Warnes.

Approval of Minutes

The minutes of the October 2, 1992 meeting were accepted after correction of typographical errors.

Old Business

1. **Local Arrangements** (C. Warnes)

One hundred fifty-eight members preregistered; 440 lunch tickets have been sold so far, and we have seating capacity for 462.

Concerns. How do we handle the large numbers of students in the Junior Academy? We need to communicate earlier and more effectively with the person selected as Speaker of the Year so that the person is better acquainted with the luncheon procedure.

2. **1993 Program** (G. Parker)

Spring Meeting. This meeting will be held April 23-24 at Ross Camp (about 8 miles west of the Purdue campus). Facilities include A-frame sleeping quarters with bunk beds (bring our own bedding and towels). The banquet on Friday and the breakfast on Saturday will be held there. Jim Gammon will be the guest speaker. All three field trips (Geology, Ornithology, and Natural Resources) will start from the camp.

Fall Meeting. This meeting will be held November 4-5 in the Student Union at Purdue University. Arrangements will be made for a projected 600 attendees.

George presented an initial proposed budget. Income was projected at \$11,784.00 with expenses being \$12,935.00 for a deficit of \$1,151.00. It was suggested that local industry be approached to help defray the \$1,200.00 cost for coffee and donuts. Another suggestion involved asking the University to absorb some of the coordination and supervisory services expense inasmuch as Purdue will receive a direct benefit from the visit of 300 promising high school students, the vast majority of whom will be attending college after graduation from high school.

Miscellaneous. It was recommended that we consider separating the charge for registration from that for lunch.

3. **Report of the *ad hoc* Committee on Duties of the Executive Officer** (C. Boener)

This Committee's report was originally submitted and received at the October 2, 1992 Executive Committee meeting. Hopefully, this report will be included in the *Handbook of Operations*. Its intent is to summarize the commonly perceived duties of the Executive Officer.

A motion was made and seconded to accept the entire report of the committee (i.e., approval of the recommendations).

A motion was made to amend the document by changing the title of the position from Executive Officer to Executive Secretary. The motion failed.

The motion to accept the entire document passed.

New Business

1. **Report of the Nominations Committee** (C. Boener)

President-Elect	Wayne Mueller
Bonding Committee	Charles Hammond
Research Grants Committee	Nelson Shaeffer
Academy Foundation	Stan Burden

Other comments. Combine the ballot with the Fall Meeting Program to save postage (however, send the Program 1st class).

2. **Treasurer's Report** (E. Frazier)

A summary of the Treasurer's Report is given below. The report was accepted.

	Beginning Balance 1-1-92	Revenues YTD	Expenses YTD	Balance on Hand 9-30-92
Operating Fund	\$16,512.98	\$25,042.68	\$13,052.22	\$28,503.44
Total Restricted Funds	<u>36,591.23</u>	<u>34,804.74</u>	<u>31,915.60</u>	<u>39,480.37</u>
Total Funds	53,104.21	59,847.42	44,967.82	67,983.81

3. **Report of the Academy Foundation** (F. Guthrie)

The Foundation consists of three accounts under the management of the INB Trust Company. The status of each account is summarized briefly below:

- A. Initial account. The assets consist of money market funds, U.S. Treasury Notes, etc.

Market value	\$75,191
Est. Ann. Income	\$4,030

- B. John S. Wright Fund. This fund originally evolved from a gift of Eli Lilly & Co. stock. Today, it is composed of Lilly as well as other stocks, Treasury notes and bonds, and short term funds.

Market Value	\$1,914,752
Est. Ann. Income	\$83,927

- C. Invested Income Account. This fund is based on the income derived from the Wright Fund, and because it is used to sponsor many Academy activities

(publications and research grants, for example), it must have a high degree of liquidity. Therefore, funds are primarily invested in a money fund account.

Total Asset Value	\$216,804
Est. Annual Income	\$9,036

The Academy is in good shape financially. The trustees have a goal of increasing income by 20-25% over the next couple of years to enable the IAS to support new and expanded Academy programs.

4. Report of the Resolutions Committee (J. Haddock for M. Morse)

Whereas: The members of the Indiana Academy of Science are deeply grateful for the invitation to hold the 108th annual meeting of the Academy on the campus of Ball State University; and

Whereas: The administration, faculty, staff, and students of Ball State University have cooperated admirably in providing their facilities, resources, and support for this 108th annual meeting of the Indiana Academy of Sciences; be it

Resolved: That the Academy members here assembled express their sincere appreciation of Dr. John Worthen, President of Ball State University, for all the courtesies that have been extended to the Academy during this meeting. We are especially grateful to Dr. Carl E. Warnes and Dr. Larry R. Ganion, chairpersons of the local planning committee, to the members of the committee, and to other facilitators for the arrangements of the entire program and for the comfort and conveniences provided Academy members and guests. We also express our sincere thanks to all Academy members who organized and participated in activities associated with this 108th annual meeting of the Indiana Academy of Science.

5. Report of the Director of Public Relations (G. Kritsky)

- A. The candidates for governor and state superintendent were solicited for their views on science education. No comments were received.
- B. A motion was made and seconded to increase the 1992 *Newsletter* budget by \$350.00 to cover postage and mailing of the December 15th issue. Motion passed.
- C. Report on Kentucky Academy of Science Meeting. It was poorly attended (150+), and the overall quality of papers was poor in Kritsky's opinion.

The question was raised as to whether or not to continue with a joint meeting with the KAS in 1995, with the possibility of meeting in Louisville. The consensus was to continue talking with Kentucky.

6. **Editor's Report** (G.Dolph)

Progress of Proceedings. Volume 100 (3-4) came out in September. Volume 101 (1-2) will hopefully be out before Christmas. Volume 98 is at the publisher!

Questions. Will the financial report be in the published minutes, and, if so, in how much detail? Will local arrangements costs be published to help future committees?

7. **Publications Committee** (B. McKnight)

- A. We have had a great increase in book sales (\$1,300.00 received in the last 10 days, for example), and Bill will need help in packaging and mailing.
- B. The committee established a goal approximately two years ago of being able to be completely independent of the Academy for funding of book publications based on income generated from sales.

(Some of these are primary sales where we published the book and others are secondary sales where we purchase books and resell them).

- C. *Orchids of Indiana* is due out soon.
- D. *Plants of the Chicago Region*. Do we want to reissue this book which is now out of print? We can make about a \$25,000.00 profit on it.

8. **Report of the Biological Survey Committee** (B. McKnight and P. Rothrock)

- A. State Flower Project. Bill gave an update of this project. Twelve species of native flowers have made the "short list," and posters exhibiting these species will be mailed to all 4th grades in the State. Eventually, they will be voting for their choice of State Flower.

Some seed money (about \$1,000.00) will be needed from the Academy to help in this project, and this request will be submitted to the Budget Committee in December.

A motion was made and seconded to authorize continuation of the project and to seek financial support from outside of the Academy. Motion approved.

9. **Relation of Academy to the State** (B. McKnight)

- A. Bill expressed some concerns relative to our relationship with the State Library. Preservation of our approximately 4,000 sq. ft. of space initially secured for us by John Wright. According to contractual agreements their association can be terminated by either the Library or the Academy with a year's notice.
- B. The book exchange program needs to be studied. For example, the Academy incurred a \$12,000.00 cost for exchanges involving the *Butterflies* publication. What did we get in return?

H. Oster mentioned that there is no exchange program involving other institutions within the borders of Indiana. Considerable discussion followed. It was suggested that the Committee on Relation of the Academy to the State be revitalized and be given the charge of addressing the above concerns. Another suggestion was that a strategic Planning Committee be instituted to study the matter.

10. **Adjournment**

It was moved and seconded to adjourn at 4:45 pm. Motion approved.

Respectfully submitted,

Jim Haddock
Secretary

INDIANA ACADEMY OF SCIENCE 1992 YEAR END FINANCIAL REPORT

	Beginning Balance 1-1-92	Revenues	Expenses	Ending Balance 12-31-92
OPERATING FUND				
Dues		\$24,638.00		
Interest		\$2,373.87		
Contributions		\$833.00		
Spring Meeting		\$782.00	\$938.23	
Annual Meeting		\$7,299.00	\$8,749.77	
Officers Expenses			\$5,992.67	
Operating Expenses			\$4,699.84	
Financial Expenses			\$812.00	
Newsletter Expenses			\$3,515.29	
Library Operations			\$2,843.04	
Publication Comm.			\$35.33	
Speaker of the Year			\$700.00	
AAAS Representative			\$449.04	
Biological Survey			\$473.25	
Youth Activities			\$3,362.50	
Operating Fund Total	<u>\$16,512.98</u>	<u>\$35,925.87</u>	<u>\$32,570.96</u>	<u>\$19,867.89</u>
RESTRICTED FUNDS				
Proceedings	\$324.00	\$11,153.23	\$11,332.25	\$114.98
Reprints*	\$1,932.08	\$971.00	\$1,775.44	\$1,127.64
Publication	\$14,284.94	\$9,676.92	\$10,566.80	\$13,395.06
Research Grants**	\$2,056.62	\$41,976.00	\$41,154.55	\$2,878.07
IAS Talent Search	\$5,471.97	\$3,676.00	\$4,185.70	\$4,962.27
Lilly Library	\$6,714.45	\$.00	\$58.33	\$6,656.12
Welch Fund	\$5,885.00	\$483.87	\$.00	\$6,368.87
Exotic Species	\$-77.83	\$1,721.00	\$60.00	\$1,583.17
TOTAL FUNDS	<u>\$53,104.21</u>	<u>\$105,583.89</u>	<u>\$101,704.03</u>	<u>\$56,984.07</u>
FUNDS ON DEPOSIT				
		Deposits	Withdrawals	
Checking Account	\$9,406.22	\$107,440.79	\$115,468.48	\$1,378.53
Money Market Savings	\$12,697.99	\$70,867.42	\$61,000.00	\$22,565.41
Cert. of Deposit	\$31,000.00	\$2,040.13	\$.00	\$33,040.13
TOTAL FUNDS DEPOSITED	<u>\$53,104.21</u>	<u>\$180,348.34</u>	<u>\$176,468.48</u>	<u>\$56,984.07</u>
FOUNDATION ACCOUNTS				
	Carrying Value 12-31-91			Carrying Value 12-31-92
John S. Wright Fund	\$744,790.99			\$742,083.71
Invested Income Fund	\$184,757.74			\$216,104.60
IAS Foundation Fund	\$67,401.31			\$71,015.96
TOTAL FUNDS	<u>\$996,950.04</u>			<u>\$1,029,204.27</u>

* Includes \$1,000 honorarium for Editor of IAS Proceedings Volume 98.

** Includes 44 senior grants and 17 high school grants.

Audited February 27, 1993

Edward L. Frazier, Treasurer

