

ILLINOIS SOIL CLASSIFIERS ASSOCIATION

February 1984 Newsletter

Newsletter Contents

This newsletter contains the announcement for the 9th Annual Meeting and Program, detach and bring along, 1/28/84 Council Meeting news, a proposal to change the office of Secretary-Treasurer and other news.

Council Meeting 1/28/84

The Council and Committee Chairmen met at the Macon County Soil Survey Office. The Secretary-Treasurer, Les Bushue, recommended that we consider a separation of the duties of the one office into two. General agreement was reached to put a proposal before the full membership because of Constitutional requirements. Fortunately the existing constitution has not been reprinted yet and will be postponed until the outcome of the proposal. In other matters of business the Burt Ray Award plans have been completed and the first award will be granted this spring at the Annual Field and Furrow Club Awards Banquet.

A discussion of the good financial position of ISCA brought forth suggestions for other uses for the funds which will be discussed at the Annual Meeting. Follmer recommended that we adopt the Soil Survey Horizons as the journal for our membership. We could use our treasury to pay for a group rate and adjust the dues as necessary. The cost would be about \$500 a year. At the present only 18 people in Illinois subscribe to SSH and all of them are not ISCA members. Giving our membership the SSH would be giving something for the dues we pay. The SSH has improved greatly in recent times and is also in financial difficulty. We could help SSH and give something to our members in one step. An alternative would be to subsidize the cost to our membership.

Constitution and By-Laws Proposal

The Executive Council is proposing an amendment to the ISCA Constitution and By-Laws. The proposal is to change the office of Secretary-Treasurer from one position to two positions, i.e. a Secretary and a Treasurer. Reasons and rationale for the proposed change are as follows:

- Pro:
1. The change would decrease the workload on a current officer.
 2. The change would involve an additional person in the operation of the organization.
 3. The change would enhance the continuity from one administration to another.
 4. The change is strongly supported by the current Secretary-Treasurer.



- Con: 1. The change would increase the number of members on the Council which would increase the expense of holding Council Meetings. (Estimated travel expenses: \$20-\$40 per year).
2. The change will cause certain procedural problems with this year's elections. (explanation follows)

Should the proposed amendment be adopted, the Council recommends the following course of action:

1. Each member will vote for a Secretary-Treasurer as listed on the ballot. Obviously we need to fill this position should the amendment fail to pass.
2. At the Annual Meeting, the membership will vote on the proposed amendment. This action will precede the election.
3. Should the amendment pass, the office of Secretary-Treasurer will be abolished. There will be an office of Secretary and an office of Treasurer. Both offices will be vacant at this time.
4. Under the Constitution the Council fills vacancies by appointment. The Council proposes that the election of Secretary-Treasurer be used to determine the Secretary and the Treasurer. The candidate with the most votes will be asked to accept one position and the other candidate will be asked to fill the other position.
5. Should each be willing to accept the appointment, the Council will relinquish its appointment authority and ask the members attending the annual meeting to elect the individuals for the respective positions.

The approval of the amendment will require changes in the Constitution and By-Laws. The following sections are affected by the amendment and are re-written here to accommodate the changes. The changes are underlined.

CONSTITUTION

ARTICLE IV - MEMBERSHIP Privileges

- Section 4. C. Only a Member shall hold the office of President, President-elect, Vice-President, Secretary and Treasurer.

ARTICLE VI - ADMINISTRATION

- Section 2. The Council shall consist of the immediate past-president, the president, the president-elect, the vice-president, the secretary, and the treasurer.

ARTICLE VII - OFFICERS

Section 1. The officers of the Association shall be the President, President-elect, the Vice-President, Secretary, and Treasurer.

d. The Secretary is elected and serves a three year term.

e. The Treasurer is elected and serves a three year term.

Section 2. Only members in good standing shall be eligible to hold the office of President, President-elect, Vice-President, Secretary, and Treasurer.

Section 5. The fiscal duties of the Association shall be performed by the Treasurer. The Treasurer shall be bonded, at the expense of the Association, for such amount as determined by the Council.

BY-LAWS

ARTICLE II - MEMBERSHIP

Section 1. Election to membership.

a. Candidates for membership in the Association shall submit an application to the Association. This application shall be processed at a council meeting. If approved, the Secretary will issue a membership card.

b. A candidate for honorary membership shall be nominated by any member of the Association in good standing at a regular or special meeting of the Association. If the nominee is approved by a majority vote of a legal quorum, the Secretary shall complete the processing and issuance of a membership card. An honorary member shall be elected for life, or until such time as the membership is revoked for just and sufficient cause by a majority vote at a regular meeting of a legal quorum.

ARTICLE IV - DUES

The wording is the same except Treasurer is substituted for Secretary-Treasurer.

ARTICLE VI - NOMINATIONS AND ELECTIONS

Section 1. The Nominations Committee shall report the name of the nominees for each office of the Association to the Secretary forty-five (45) days before the Annual Meeting. The names of the nominees and ballots shall be circulated to the eligible voters of the membership no later than twenty-one (21) days prior to the Annual Meeting. Space will be provided on the ballot for write-in candidates other than those selected by the Nominations Committee.

Section 3. The ballots must be returned to the Secretary in a sealed envelope marked "ballot" prior to or at the Annual Meeting. Ballots will be opened and counted at the Annual Meeting.

ARTICLE VII - DUTIES OF OFFICERS

Section 4. Secretary

- a. The secretary shall keep an accurate record of Association membership and proceedings of Association and Council meetings. He/she shall inform the president and the Council, from time to time, of duties to be performed at stated times or at stated intervals. He/she shall issue all calls and notices as instructed by the President or the Council. He/she shall conduct the correspondence of the Association and shall have custody of all books, papers, records, and documents. He/she shall maintain a complete record of past members of the Council and officers for the purpose of establishing information for appointment or election.

Section 5. Treasurer (New)

- a. He/she shall maintain a set of books showing receipts and disbursements of the Association and the account of each member. He/she shall submit a complete financial report at each Annual Meeting, which shall be audited as directed by the Council. He/she shall have custody of all funds of the Association and shall deposit same as directed by the Council. He/she shall pay out all moneys of the Association as authorized and as directed by the Council.

Calendar of Events

- April 5, 1984 - University of Illinois Field and Furrow Club Awards Banquet at the Ramada Inn, Champaign, Illinois.
Contact Bob Beck 217-333-4256.
- April 21, 1984 - Geological Science Field Trip, Greenville, Bond County, conducted by the ISGS. Starting point, Greenville High School, 8 a.m., free, bring lunch, drive own car.
- May 19, 1984 - Geological Science Field Trip, Morris, Grundy County, conducted by the ISGS. Starting point, Morris High School, 8 a.m., free, bring lunch, drive own car.
- June 1-3, 1984 - Friends of the Pleistocene annual field conference. Western Wisconsin, glacial history and stratigraphy, soils and paleosols. Friday night meeting, 1½ day field trip, bus on Saturday, car caravan on Sunday. No space problem, will be cheap. Host: R.W. Baker, Dept. Plant & Earth Sci., Univ. Wis. River Falls 54022.
Tel: 715-425-3139.

PROGRAM

Annual Meeting - March 17, 1984

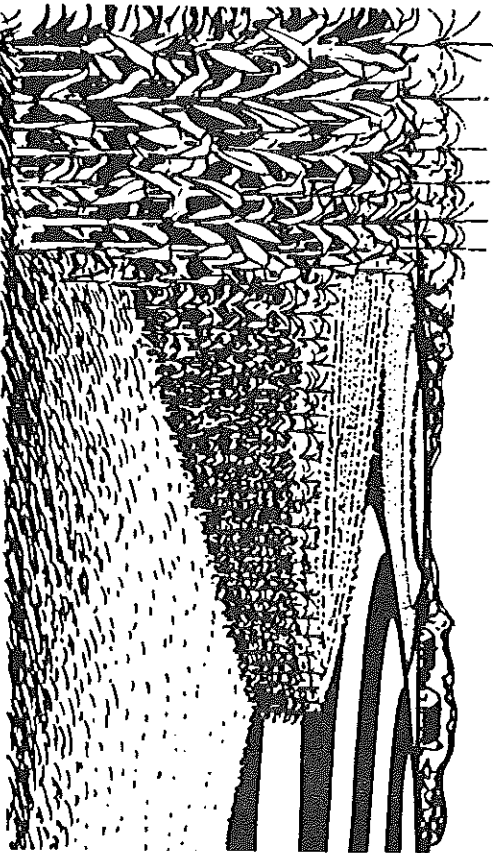
President, John Doll, Presiding

11:30 INVOCATION

BUFFET LUNCHEON

12:30 SPEAKER: Penny Severns, Member
Decatur City Council

TOPIC: Decatur Water Supply: A
Long Debate in Need of
Resolve.



CONSERVATION PROTECTS AND PROVIDES

1:15 BUSINESS MEETING

Opening Remarks . . . John Doll

Secretary's Report. . . Lester Bushue

Treasurer's Report. . . Lester Bushue

Committee Reports:

Constitution & By-Laws. . . Mike Lilly

Ethics, Registration,
& Membership . . . Dale Calsyn

Finance . . . Carl Wacker

Newsletter. . . Leon Pollmer

Program . . . Toni Endres

Public Relations
& Education. . . Mark Brawstedt

Certification . . . Benny Weiss

Old Business

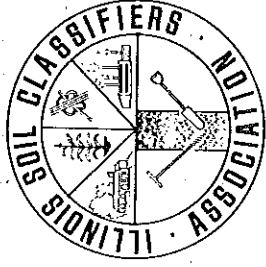
New Business

Report of Nominating
Committee . . . Roger Windhorn

Election of Officers

Passing of the Gavel

3:00 ADJOURN



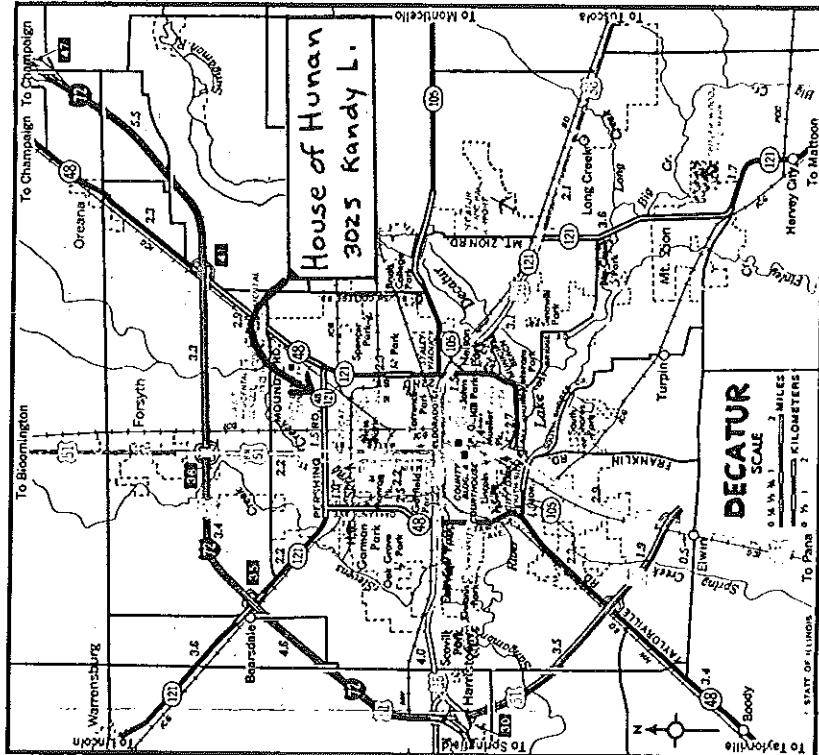
9th ANNUAL MEETING

HOUSE OF HUNAN

Decatur, Illinois

11:30 A.M.

March 17, 1984





ILLINOIS SOIL CLASSIFIERS ASSOCIATION

August 1984 Newsletter

Newsletter Contents

Annual Meeting News
Summer Meeting Plans
Officers and Chairman for 1984
Message from the President
Revised Constitution and By-Laws,
mailed to members only.

Council Meeting News
3/6/84 and 6/16/84
Forest Soil Workshop/Tour
Field Tests for Sodium
Calhoun County Completion
Member News

Annual Meeting News

The 9th Annual Meeting was held 3/17/84, at the House of Hunan, Decatur, Illinois. Following a buffet lunch, Program Chairwoman Tonie Endres introduced guest speaker, Decatur Councilwoman Penny Severns, who addressed the water supply problem for the city of Decatur. Decatur uses an average of 24 million gallons per day and at times production runs near maximum. Nearly all the water used comes from Lake Decatur. The problem is not one of availability but one of costs. Options under consideration are to raise the level of the Lake Decatur reservoir, to dredge the lake to increase capacity or to develop more groundwater wells in the Mahomet aquifer. Soil conservation is also important to Decatur in that sediments find their way to Lake Decatur and they are considering a program to reduce sedimentation in the lake. After her talk she received questions and did a very good job.

After the guest program, President John Doll opened the business meeting. Secretary-Treasurer, Les Bushue, reported that copies of the minutes covering meetings of the last year are available on request. Only 56 members paid their dues before 3/17/84, which means that twenty-two 1983 members had not paid up. By 6/16/84 fourteen of those had submitted their dues. Treasury balance on 2/17/84 was \$3,507.58, including \$150.80 interest.

Committee reports were given and copies are available on request. Newsletter Chairman Follmer reported the average mailing of newsletters was about 120 and peaked with the 11/83 issue when 159 were mailed. Complimentary copies were sent to all schools who received the Burt Ray Award nomination forms. Program Chairwoman, Tonie Endres, presented options on where to meet for the Summer Meeting. Considered were 1) Bruce Putman's thesis area in western Illinois, 2) Dave Cremeens research in southern Shelby County, 3) the soil-geomorphology investigation in Mercer County, and 4) a tour in the St. Louis area. Hidden Springs State Forest in Shelby County was selected.

Chairman, Mark Bramstedt, of the Public Relations Committee, announced that the first recipient of the Burton Ray Memorial Award was Mark Weinheimer of the University of Illinois. Certification Board Chairman, Benny Weiss, reported that one applicant is being considered for ISCA certification. John Alexander presented a motion to nominate the first ISCA Honorary Membership to Albert A. Klingebiel, which passed with a unanimous vote.



In other old business, Mike Lilly, Chairman of the Constitution and By-Laws Committee, under the instruction of Council presented a motion to split the office of Secretary-Treasurer into two offices. After some discussion and clarification the motion was passed unanimously.

In the discussion of new business some concern was expressed about a disadvantage students from schools besides the University of Illinois might have in the competition for the Burt Ray Award. The circumstances are not well understood at this time and any comments on the matter are welcome. The concern is to make the competition as fair as possible.

A motion to provide a subscription to the Soil Survey Horizons for all ISCA members in good standing passed after much discussion. At the time of the Annual Meeting, 54 members were in good standing which means a cost of \$378.00 to the ISCA. As long as the treasury can afford to pay this cost, each member who pays the full membership dues will receive the SSH free if the dues are paid before the Annual Meeting each year. Another motion was presented to require certified members of the ISCA to submit one professional type article to the ISCA Newsletter each year. It failed to get a second. One must wonder what happened to the spirit of professionalism. Is it enough for the certified to show his certificate or can he show his worth in other ways. Mutual benefit would be obtained if members would submit articles and reviews to the Newsletter - "camera-ready."

Several new circumstances occurred in the elections this year. A tie for president-elect and a unique maneuver to split the office of Secretary-Treasurer was performed. Because the By-Laws do not provide a method for breaking a tie, Wells Andrews proposed we flip a coin to choose between Don Wallace and Mike Lilly. Don won the toss and chose to yield the office of president-elect to Mike. This surprised some of us because we were not familiar with "the Wallace Rules of Order." We thought the winner wins, but Don said the winner has the right to choose. With this experience, it is clear that the Council should add to the By-Laws a provision on breaking ties. The separation of the Secretary-Treasurer office into two offices was no surprise in that the procedures were explained in the 2/84 Newsletter. Members were instructed to vote for the S-T in the usual way before the business meeting of the Annual Meeting. At the business meeting the amendment to split the office was approved. This meant that offices of the Secretary and Treasurer were vacant. The Council has authority to fill vacancies but chose to relinquish its authority on this matter to the members in attendance. In a previous agreement the two candidates, Wiley Scott and Scott Martin, for the office of Secretary-Treasurer, agreed to take one or the other office if approved by the ISCA. The winner, Wiley Scott, was given his choice of office. Wiley chose to be Treasurer and Scott agreed to be our new Secretary.

OFFICERS - 1984

President - - - - - Sam Indorante
President Elect - - - Mike Lilly
Past-President - - - - John Doll
Vice-President - - - - Dave Rahe
Secretary - - - - - Scott Martin
Treasurer - - - - - Wiley Scott

Committee Chairman - 1984

Constitution and By-Laws - - - - - Carl Wacker
Ethics, Registration and Membership - - Bob Darmody
Nominations - - - - - John Doll
Public Relations and Education - - - - Bill Kreznor
Finance - - - - - Dave Rahe
Newsletter - - - - - Leon Follmer
Program - - - - - Tonie Endres
Historian - - - - - John Doll

Certification Board - 1984

Chairman - - - - - Wells Andrews
Vice-Chairman - - - - - Roger Windhorn
Secretary - - - - - Mike Walker
Member - - - - - Joe Fehrenbacher
Member - - - - - Dave Rahe
Member - - - - - Bill Kreznor

A Message from President Indorante

The ISCA, Objectives and Future

Individuals make up an organization and the ISCA is made up of soil scientists with wide and varied backgrounds. Levels of education range from Bachelor of Science to Doctor of Philosophy. Wisconsin, Missouri, Michigan, New York, Illinois, Iowa, Montana, and Maryland (just to name a few) are the states where our educational experience has been. Our members work for universities; local, state, and federal governments; industry; and private firms. We are field soil scientists, teachers, students, researchers, consultants, and administrators. Some members have just a few years experience, while others have over 30. We have members who are respected in their counties for their soil expertise and members who are respected throughout the world. Add it all up and you get the ISCA.

As individuals we should work at doing the best job we can as soil classifiers. As a group we should work at establishing and maintaining high standards for membership and certification. Working as individuals and as a group we can move forward to our common goal of promoting our profession and informing the public of the importance of the study of soils for the well-being of mankind.

Traditionally we work toward our objectives by holding a summer and winter meeting, maintaining high standards for membership and certification, affiliation with ARCPACS, recruiting new members, publishing a newsletter, and releasing news articles of association activities. Some new ideas that are now being pursued are: 1) The opening of communication lines with professional soil scientist organizations of surrounding states; 2) Having a member or members lead an ISCA sponsored tour similar to the geological field tours; 3) Updating and revising the brochure explaining the ISCA. These are just a few of the

suggestions that came up at the summer Executive Council meeting. We need your ideas and we need your help. Please join in.

As more and more demands are made on the land and the soil, we, as soil classifiers, must supply the information needed for wise use of the soil resource. Promoting our profession as a dynamic and changing part of agricultural science is important. Not only must we inform the general public of this, but we must also inform the decision and policy makers. The winding down of the once over soil survey should not be looked at as the end but as a stepping stone. In reference to this point, I would like to end with a quote from The History of the Illinois Soil Survey by R. S. Smith and H. L. Wascher* In 1928 the question of completion of the Illinois Soil Survey arose. In response to this Dr. R. S. Smith of the University of Illinois (in charge of Illinois Soil Survey from 1922 to 1948) wrote a letter to Dr. Burlison (Agronomy Department Head) discussing the nature and purpose of the soil survey. In the final paragraph of this letter Smith stated: "I hope that my answer is clearly indicated in what I have written. It is that the soil survey will never be completed, because I cannot conceive of the time when knowledge of soils will be complete. Our expectation is that our successors will build on what has been done, as we are building on the work of our predecessors."

We have our work cut out for us, but so did Dr. Smith back in 1928.

*Thanks to J. D. Alexander for supplying a copy of The History of the Illinois Soil Survey.

Council Meeting 3/6/84

During the SCS Workshop five members meet for a Council Meeting. Three members applied for out-of-state membership but for approval must demonstrate membership in an equivalent organization in the state of residence. The purpose of the reduced fee status is to encourage cooperation and communication between states. If it is important for an out-of-state member to have membership in ISCA for whatever reason, then the ISCA thinks the member that does not belong to another equivalent organization should pay the full fee.

John Lohse applied for full membership status and was approved. John works for the Illinois Department of Agriculture in Springfield. John received his Ph.D. in pedology at the University of Illinois and his Masters in soils at the University of Nebraska.

A question came up about the status of Committee Chairmen as members of Council. According to the Constitution only officers are members of Council. However, attendance at Council Meetings is not restricted and from the beginning Committee Chairmen have been invited to participate. Anyone can present a motion to the Council and in the past, all Committee Chairmen have participated in the voting. This technicality should be corrected by Council extending voting rights to the Committee Chairmen.

Council Meeting 6/16/84

Eleven ISCA members meet at the SCS State Office for a Council meeting. With a large turnover of officers this year and the splitting of the duties of the Secretary and Treasurer, a number of organizational problems have come up. A current membership list will be worked out by the Secretary and Treasurer that takes into consideration the various status levels and requirements. Also a budget needs to be worked out for the ISCA fiscal year.

In general discussion Bill Kreznor reported that he submitted another article to Soil Survey Horizons and brought to our attention the need to update the ISCA leaflet which is now out-of-print. Also, concern was expressed about getting ISCA news into other media, such as other Ag-oriented newsletters. Photographs of ISCA events were discussed including group pictures and publishing any black and white photos in our Newsletters. Any person with the interest is encouraged to take pictures and submit them for the Newsletter.

Letters of thanks were received; one from Bob Beck recognizing ISCA support for the Field and Furrow Club awards, one from Daniel G. Mueller, second place winner in soil judging, and another from Mark Weinheimer, Winner of the Burt Ray Award. President Indorante agreed to write to soil classifier organizations in surrounding state to work out relationships concerning membership and professional activities. Summer meeting plans were made and are described later in this Newsletter. Considering what our Summer meetings are becoming, one with a short field trip, the organizer needs more lead time. At our Summer meeting in September, we should plan our next Summer meeting. Also, we should consider a separate whole-day field trip. The treasury report on 6/16/84 shows a balance of \$3,323.23, which includes the subscription cost to Soil Survey Horizons for all members.

Fifth Central States Forest Soils Workshop/Tour

On October 23-25, 1984, the Indiana Department of Natural Resources and ten other organizations, including the Indiana Association of Soil Classifiers, are sponsoring a workshop/tour. In the evening on 10/23 will be registration and an orientation session on geology, soils and forests of southern Indiana. On 10/24 will be an all day tour, and a half day tour on 10/25. Highlights include studies on regeneration, growth and yields of upland hardwoods, studies on oak, walnut and pine plantings and interplantings. Open soil pits and cores will be shown. For more information write to 5th Central States Forest Soil Council, c/o Wayne-Hoosier National Forest, 3527 10th Street, Bedford, Indiana 47421 (Tel: 812-257-5987; Fts 332-4340).

Field Tests for Na, Gypsum and Sodium Adsorption Ratio

For those not familiar with these field tests, Mark Bramstedt submitted a description of procedures prepared by the SCS. The significance of these tests is that they are simple and easy. To estimate the amounts of exchangeable Na and gypsum, thymol blue indicator is added to a small amount of soil on a spot plate. The color is matched to a color chart which is calibrated to the amount of Na. If a blue color appears rapidly, a significant amount of exchangeable Na is present. If the color becomes blue and then fades to yellow, then gypsum is probably present. To determine SAR (sodium adsorption ratio), ethanol and cresol red indicator are added to a fresh soil sample. The color is compared

to charts that are calibrated to pH. If greater than 7.8, the SAR is greater than 13. If less than 7.8, the SAR is less than 13. For more information contact a SCS soil scientist. Thanks, Mark, for the tip.

Mapping Completed in Calhoun County

The Final Acre Ceremony for the Calhoun County Soil Survey was held on July 20, 1984. Speakers were:

Larry Werries, Director, Illinois Dept. of Agriculture
Clayton Miller, Acting Deputy State Conservationist, USDA,
Soil Conservation Service
Bill Hartman, Area Conservationist, USDA, Soil Conservation Service
Fred Kinder, Chairperson, Calhoun County SCWCD Board
Don Demko, Farm Advisor, Cooperative Extension Service

The last probe, made by Mike Lilly and Rick Zipprich, was in Haymond silt loam. Approximately 35 people attended.

Summer Meeting Plans

Plans for the summer meeting and picnic have been made. We will meet on September 15, 1984, at Hidden Springs State Forest in Shelby County. All members, family and friends are encouraged to attend. Hiking trails and large grassy areas with playground equipment are available.

Schedule of Events:

Meeting Place is Rolling Meadows Day Use Area in Hidden Springs State Forest.

10:30 a.m. ISCA Council Meeting
11:30 a.m. Potluck lunch. Please bring a main dish, a salad or a dessert, and your own eating utensils.
12:30 p.m. ISCA Membership Meeting
1:00 p.m. Geology and Soils Tour with David Cremeens; to wind up at S&V Stone Quarry.

Directions:

The easiest way to get to Hidden Springs State Forest would be to proceed south on State Highway 32 from the junction of 32 and 16 (see insert map). Proceed south one mile from Strasburg and turn right (west) on the county road to Clarksburg. Go three miles (you will cross Richland Creek at the 2-3/4-mile point) and turn left (south). Go one mile and turn right (west). You will pass 2 campgrounds, the forest headquarters, and cross a branch of Richland Creek. We will meet at Rolling Meadows day use area.

The steep narrow valleys in this area provide a nice slice into the Illinoian geomorphic surface as it emerges from beneath Wisconsinan age sediments. The thin loess cover allows access to older materials and also provides an opportunity to study welded (superimposed) soils. Welding occurs when soil formation proceeds through thin overlying (younger) sediments into underlying paleosols. The resulting profiles are polycyclic and complex.

Smithboro and Vandalia Tills occur in the area, in various stages of weathering. This will also provide a good point of discussion. The highlight of the tour will be a visit to the S&V Stone Quarry which promises to provide good exposure of the local stratigraphy.

Members On The Move:

- Sam Indorante - ISCA President, SCS Soil Scientist, Bureau County, Princeton
- Steve Higgins - Soil Survey Leader, Livingston County, Pontiac
- Mike Lilly - Soil Survey Leader, Calhoun County, Pittsfield
- Dale Calsgn - Soil Survey Leader, Mason County, Havana
- John Doll - Soil Scientist, State SCS Office, Champaign
- Steve Fischer - Soil Scientist, Calhoun County, Pittsfield
- Mark Matusiak - Soil Scientist, Wayne County, Fairfield
- Tonie Endres - Soil Scientist, Marion County, Salem
- Paul Youngstrom - District Conservationist, LaSalle County, Ottawa
- Bill Ebert - Soil Conservationist, White County, Carmi

Membership Promotions

The following ISCA members have been promoted to full status: Dennis Keene, Laurie King, John Pearse and Bruce Putman. Promoted to associate membership are William Ebert and Laura Craft.

GUEST EDITORIAL

Fear of hazardous wastes: a self-fulfilling prophecy?

During the past year I had the unique opportunity to visit over 40 hazardous waste facilities in North America and Europe. This project was part of the waste management planning process for the province of Alberta. In my travels, I observed that widespread fear of hazardous wastes is often freezing rational progress toward comprehensive waste management solutions. Both siting of new plants and, to a lesser extent, operation of existing plants have become mired in a swamp of adverse reaction. Problems range from corporate litigation to personal harassment. In many cases, project advocates are finding that the potential rewards are not worth the rising financial and personal costs.

Often, members of the scientific community have, intentionally or unwittingly, promoted adverse public reaction. The basic problem is our frequent failure to maintain perspective. For instance, finding 500 ppm of PCBs in a batch of butter on a supermarket shelf merits rapid action to avoid public exposure. But, finding 500 ppm of PCBs in oil in a sealed transformer merits only reasonable caution. This case does not pose an imminent health hazard unless the transformer is mishandled, allowing the PCBs to reach a target organism.

The above distinction is appreciated by most scientists. However, we are not always careful to explain such realities to the media or the public. When questioned about hazardous wastes, too many of us fail to stress the need for perspective and the importance of circumstances. Imagine talking to a reporter who is in a "cold sweat" about a nearby transformer full of PCBs. He should be advised that in all likelihood he drove to work sitting within 6 ft of a tank of very hazardous material—gasoline. Being both highly flammable and toxic, gasoline has surely killed or injured more people in the last year than PCBs ever have or will. Although one may choose not to drive a car, any form of modern transportation involves hazards. Likewise, meeting countless other needs can be haz-

ardous, for example, cooking meals and heating one's home. In fact, total isolation from exposure to hazardous materials simply is not possible.

Misunderstanding and lack of perspective are particularly likely when discussing carcinogens. The public has a strong fear of cancer. Furthermore, people do not easily comprehend risks of one in a million in terms of their own health. Hence, speculation about the presence of carcinogens in a given waste is certain to produce a compelling fear response regardless of the real degree of risk involved. As a result, carcinogen "name dropping" can quickly destroy any attempt at reasoned discussion.

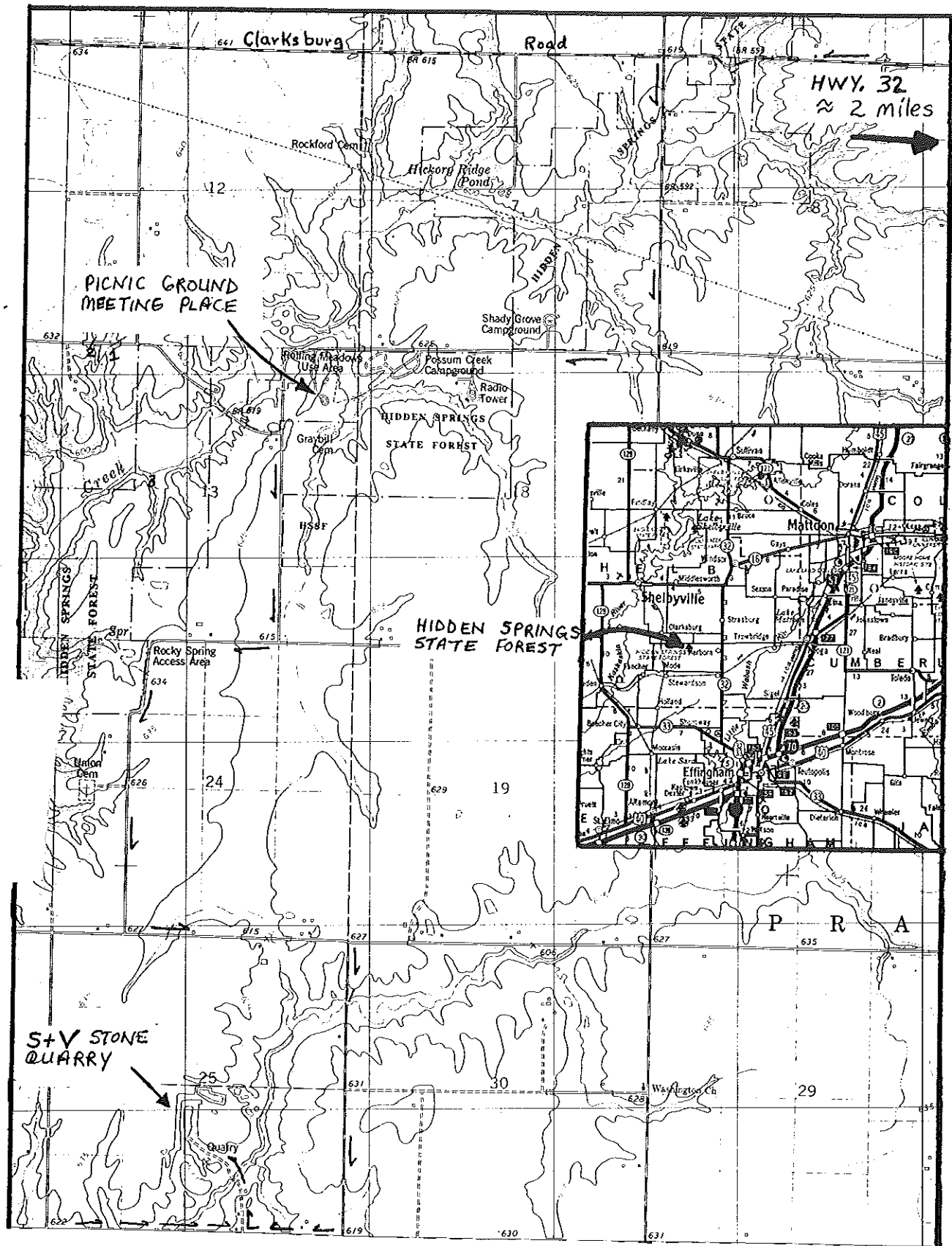
In reality, most "hazardous wastes" being processed by regulated off-site plants are not classified as highly toxic. Most of them only pose an environmental problem if badly managed—as they usually were before adequate facilities became available. Yet, the fear-induced paralysis of siting adequate new facilities or operating existing ones will eventually ensure that bad waste management occurs more often.

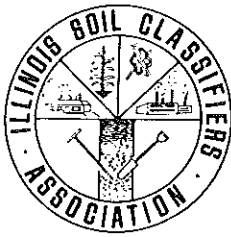
None of us involved in environmental science or engineering can responsibly remain neutral on these issues. But, before becoming involved in public or private debate, we must be sure that we carefully assess the real hazards of a given situation. Fair assessment must consider "accepted" risks in modern society and the "assured" risks of no action.

Steve E. Hrucey



Steve E. Hrucey is a professor in the Environmental Engineering and Science Program of the Department of Civil Engineering, University of Alberta, Edmonton, Alberta, Canada. He is active in industrial and hazardous waste research and is Canadian regional editor for the rapid communication journal, Environmental Technology Letters.





ILLINOIS SOIL CLASSIFIERS ASSOCIATION

November 1984 Newsletter

Newsletter Contents

Notice of Annual Dues
Council Meeting News 9/15/84
Sodbuster Bill Support
Annual Meeting Plans
Summer Meeting News

ACRPACS News
Piatt County Completion
Ohio State Soil
ISCA Brochure
Certification and Membership

Council Meeting 9/15/84

Twelve members met before the Summer Meeting at Hidden Springs State Forest. Scott Martin read the minutes and Wiley Scott reported the treasury balance on 9/15/84 to be \$3,321.22. President Indorante wrote to eight neighboring State Soil Scientists to open lines of communications with other soil classifier associations. He has received responses from six states. The budget was discussed and recommended that an Annual Budget should be published in our newsletter. Carl Wacker passed out proposed additions and changes to the Constitution and By-Laws prepared by the C and B Committee. Council will act on the proposal at the next Council Meeting. The details will be published in the next newsletter.

The Annual Meeting was discussed and set for 3/16/85. Steve Zwicker and his survey team volunteered to host the next Summer Meeting in Bureau County. Bill Kresnor plans to submit ISCA news to Illinois Agri News, a newsletter. Bill is also revising the ISCA publicity brochure (see following announcement). President Indorante recommended that the ISCA have an information booth at the next ASA Meeting in Chicago. Other items discussed were about the ISCA running a field conference patterned after the Friends of the Pleistocene, updating and publishing the history of the soil survey in Illinois, inviting agricultural leaders in Illinois to the ISCA meetings, and the ISCA taking a public stand on the "Sodbuster Bill," the 1985 farm bill -- Highly Erodible Land Conservation Act.

Sodbuster Bill Support

In response to discussions at the Council Meeting, President Indorante wrote to Senators Dixon and Percy and Congressman Lane Evans. In his letter, Sam explained the purpose and goals of the ISCA and urged them to support the Bill and other measures on soil conservation. The Bill will end federal programs that indirectly cause accelerated erosion and end price supports for crops grown on highly erodible land. All three responded with a positive attitude and were appreciative of the ISCA concern.

Annual Meeting Plans

The next annual meeting of the ISCA will be 3/16/85 at the Holiday Inn in Bloomington, Illinois. Dinner will be at 11:30 a.m. followed by a program by Dr. Francis Hole, Emeritus Professor of Soil Science from the University of Wisconsin, and Bruce Putman, graduate student in pedology at the University of Illinois. Please make your reservations with Tonie Endres, 111 S. Sycamore, Apt. 305, Centralia, IL 62801 (618) 548-6468.

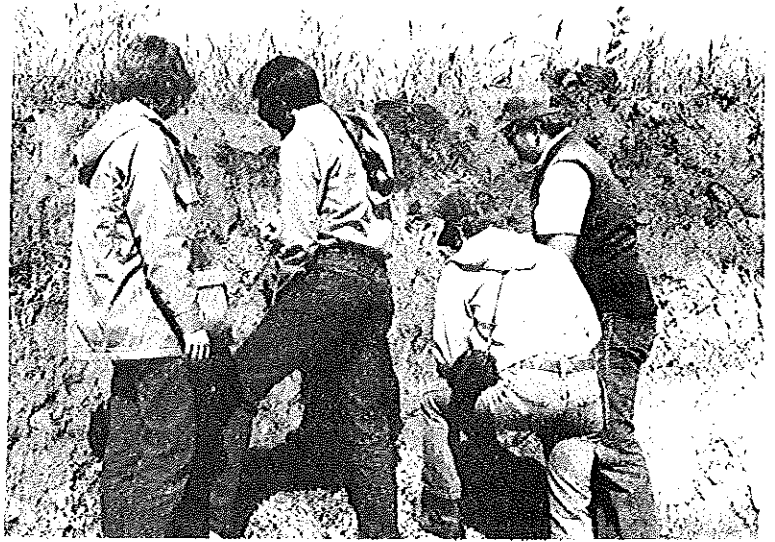


Certified

ARCPACS AFFILIATED

Summer Meeting News

After a picnic lunch and business meeting, Dave Cremeens and Leon Follmer led the group to the S and V Limestone Quarry in southern Shelby County. Can you find yourself in these pictures?



ARPACS News

Jean M. MacCubbin is the new Director/Coordinator of the American Registry of Certified Professionals in Agronomy, Crops and Soils. The ISCA is an affiliated chapter of ARCPACS. In a letter sent to all affiliated state chapters MacCubbin brought to focus the importance of certification in professional and public life. Regulations have gotten to the point in many cases where only certified professionals can meet the requirements. MacCubbin requests assistance from the state chapters to make a collection of examples (newsclippings) that describe legislation where a "certified professional" is required to perform a specific function.

Piatt County Completion

On December 1 the mapping was completed in Piatt County. The District Conservationist and Scott Martin are conducting township meetings throughout the eight townships in Piatt County. The meetings are held in a town (or wide spot in the road) in each township to increase public participation. They are giving each person who attends photocopies of their land or farms and talking very briefly about soil surveys; how to decipher the soil symbols, determine the soil types on their land, and explain some of the soil information that can be gotten out of the soil interpretation tables. The talk lasts 5-10 minutes; the rest of the time is spent answering questions. Meetings so far have lasted 1½ to 2 hours with nine people attending the first two meetings. The idea behind having the DC with me is to help on conservation questions but more importantly, get him in touch with people who might not come to him with erosion problems. At the meetings, two farmers have scheduled meetings with the DC to talk about problems on their farms.

Ohio Scientists Vote for a "State Soil"

A group of Ohio soil scientists involved in the Ohio Soil Survey voted recently to select one soil from the more than 400 that occur in Ohio to recommend as a "State Soil for Ohio." The group hopes that the soil will join the cardinal, carnation, buckeye tree, and flint as an official state symbol to indicate the importance of Ohio's soil resources. Their choice of the "state soil" is Miamian, a deep, well-drained soil typical of Ohio's landscape. It is named after the Miami Indians, who lived in Ohio as recently as 200 years ago, and is one of the most extensive and economically important soils in the state. Using the soil as a symbol could help develop greater public awareness of the importance of conserving these resources, the group says.

Public Relations and Education Committee

The Public Relations and Education Committee at ISCA is putting together an informational brochure on ISCA. The committee is considering using photographs in the brochure. We are looking for four categories of photos or slides to print in the brochure that illustrate part of what a soil classifier does.

- Soil mapping and classifying
- Performing on-site investigations/interpretations
- Educating students and the general public
- Soil research and laboratory activities

We know many ISCA members have collections of photos or slides of these types. We ask members to send any photos or slides of these types to us for possible inclusion in a brochure. Please include a short note with each photo identifying place, date, activity, and people (if recognizable). All submissions will be returned to sender. Send to Bill Kreznor, R.R. #1, Box 9, Newton, Illinois 62448.

Certification and Membership in ISCA

Discussions at our spring meeting and our recent council meeting show that there is some confusion regarding the various membership classes and certification as a professional soil classifier. I will briefly review the differences between membership and certification.

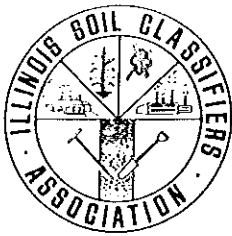
A full member of ISCA meets the minimum Federal Civil Service Requirements for a soil scientist. In addition, 2 to 4 years of experience in mapping and classifying soils depending on education is required for full membership. Associate members lack the experience of full members. Student members are undergraduate or graduate students pursuing an approved curriculum. Honored members are elected by members. Affiliate members do not meet the requirements for associate membership. Additional membership categories include out-of-state and retired. The ethics, registration, and membership committee determines membership status. Questions concerning membership and membership status should be directed to the Secretary, Scott Martin. All classes of members may attend meetings and take part in the discussion of business matters. Only full members and associate members may vote. Only full members may hold an office.

Early efforts of ISCA involved a drive for a state registration program similar that which some other professions have. ISCA was not successful in establishing a state registration system. In order to provide professional credibility to our membership, a certification program was established.

The Certification Board is appointed by the president in staggered terms. The Board administers the Certification program independently from the ISCA Council, membership committee, or any other ISCA committee. Education and experience standards are similar to the requirements for full membership. In addition, the applicant must be actively involved in soil classification and continue to be active and a written and/or oral examination must be passed by new applicants. In order to be certified and remain certified the soil classifier must also be a member in good standing of ISCA, and be current in all fees for certification and membership.

The American Registry of Certified Professionals in Agronomy, Crops and Soils, (ARCPACS) also has a certification program for soil classifiers. ISCA is an affiliate with ARCPACS. This means that they recognize ISCA as a legitimate Certifying body. They also allow us to use their logo on our stationary. Certification with ISCA does not infer certification with ARCPACS, and certification by ARCPACS does not infer certification by ISCA. Questions concerning certification should be directed to the Chairman of the Certification Board, Wells Andrews.

We hope this explanation has served to clear up some of the more common questions about membership and certification. Complete rules are available in the Constitution and By-Laws of ISCA and complete standards for certification are also available. Contact Secretary, Scott Martin if you don't have a copy. (Written by David B. Rahe, Vice-President, and Bob Darmody, Chairman of Ethics, Registration and Membership Committee).



ILLINOIS SOIL CLASSIFIERS ASSOCIATION

ISCA HIGHLIGHTS OF 1984

Correspondence

Sam Indorante wrote to 8 neighboring states to open lines of communications with other soil classifier associations. Sam also wrote to the two Illinois Senators and his Congressman to voice ISCA's support for the "Sodbuster" Bill.

Constitution and By-laws

The office of Secretary-Treasurer was abolished and replaced with separate offices of Secretary and Treasurer. Election results were as follows:

President-Elect	Mike Lilly
Vice President	Dave Rahe
Treasurer	Wiley Scott
Secretary	Scott Martin

The C and B Committee suggested changes to the Constitution where it felt clarification and changes were needed. The changes will be voted on by the membership at the Annual Meeting.

Ethics, Registration, and Membership

Bob Darmody presented 10 applications for membership. They were all accepted. Albert A. Klingebiel became the first Honorary Member of ISCA at the Annual Meeting.

Programs

The Annual Meeting was held in Decatur. The speaker was Penny Severns, a member of Decatur's city council. She talked about the City of Decatur's water supply problem due to sedimentation of Lake Decatur. She also outlined the various alternatives the city was considering to solve the problem.

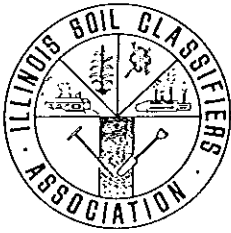
The Summer Meeting was held at Hidden Springs State Forest in Shelby County. Dave Cremeens and Leon Follmer showed the group the different Quaternary deposits at a nearby quarry.

Public Relations and Education

The P.R. Committee designed a new publicity brochure for ISCA. Mark Weinheimer, a student at the U of I, became the first recipient of the Burton W. Ray Award. Daniel Mueller won the second place soil judging award in the experienced division which ISCA co-sponsored with Urbana Laboratories.

Other Business

It was decided that ISCA would pay the subscription to Soil Survey Horizons for all Associate and Full members who paid dues by the Annual Meeting.



ILLINOIS SOIL CLASSIFIERS ASSOCIATION

Annual Meeting
March 16, 1985
Holiday Inn, Bloomington, Il.

This treasurer's report is for fiscal year 1984, in accordance with ISCA By-Laws, Article I, Section 1. It is a summary of several more detailed reports made to the Executive Council.

Balance on hand January 1, 1984	\$3086.90
Balance on hand January 28, 1984	\$3447.61
Balance on hand February 21, 1984	\$3507.58
Balance on hand March 20, 1984, at change-over of treasurer from Lester Bushue to Wiley Scott	\$3128.06
Balance on hand June 16, 1984	\$3183.23
Balance on hand September 15, 1984	\$3321.22
Balance on hand December 31, 1984	\$3535.37
Net gain during the fiscal year	<u>\$ 448.47</u>

INCOME DEPOSITED:

Memberships and Certification fees	\$1214.35
Applications for membership	\$ 87.50
Interest credited this year on checking account	\$ 177.12
Annual meeting lunches	\$ 254.00
	<u>\$1732.97</u>

EXPENSES:

Filing fee, Secretary of State	\$ 13.00
Office supplies	\$ 29.29
Postage, mileage, and phone	\$ 335.49
Drinks and ice (ice tea mix) for summer meeting	\$ 5.28
Plaques and engraving	\$ 158.00
Awards	\$ 85.00
Annual meeting lunches	\$ 280.44
Subscriptions to Soil Survey Horizons	\$ 378.00
	<u>\$1284.50</u>

Net gain during the fiscal year \$ 448.47

J. Wiley Scott
J. Wiley Scott
Treasurer



ISCA Budget for 1985

EXPENSES		INCOME	
Office Supplies	\$50	Dues	\$1100
Postage, Mileage, etc.	\$240	Certification Renewal	\$100
Awards and Trophies	\$100	Interest on Checking	\$100
Soil Survey Horizons	\$600	Meals	\$250
Meals	\$250		
President to ASA Meetings	\$100		
Speaker for Ann. Mtg.	\$150		
Printing new pamphlets	\$325		
NACD contributing membership	\$50		
Travel for Field Furrow soil judging	\$100		
TOTALS	<u>\$1955</u>		<u>\$1350</u>

You can see that we are currently utilizing part of our \$3000 reserve. The Budget committee finds this to be acceptable at this time. Our account requires a minimum balance of \$500. We think we should maintain a \$1000 dollar minimum in order to have a small amount available for unbudgeted items. Even with a \$505 deficite our balance will not drop below that amount for four years. We also have an item in the budget for printing that is not an every year expense. The budget committee recommends no increase in dues at this time.