

Ohio Pedologist Newsletter
Vol. 4, No. 4 - December 1978
George Hall - Editor

It has been a good fall for outside work, football games and maybe mapping. January brings us to our fourth pedologists' meeting. Time once again for us to reflect on where we have been and where we want to go with AOP. Your continuing interest is important to the organization so try to attend.

Annual Winter Meeting

The Fourth Annual Winter Meeting of the Association of Ohio Pedologists will be held in January immediately following the SCSA Meeting.

For: All AOP members, families and friends

Time: 12:00 noon, Tuesday, January 16, 1979

Where: Captain's Gallery, Hilton Inn of Columbus, 3110 Olentangy River Road

Cost: \$6.25 for registration and luncheon

Program: Luncheon at 12:00 noon

Speaker: Joe Evans - Ohio Dept. of Environmental Health

Business Meeting: Reports and Election of Officers

Reservations for the luncheon are required and must be received no later than January 11. If you cannot attend the luncheon, you may still want to attend the business meeting that follows. Use the sheet at the back of this Newsletter to make your advanced registration.

AOP Executive Council Meeting (Excerpts)
Townshend Hall, Columbus, Ohio
November 4, 1978

The meeting was called to order by President Marvin Bureau at 10:10AM. The minutes of the last meeting were read and approved.

A Nomination Committee was selected consisting of Joe Steiger (Chairman), Bob Ritchie and Floyd McCleary. Nominations for posts that need to be filled should be sent to George Hall by December 1.

It was decided to publish a list of AOP members' names in the December newsletter.

Jim Bauder mailed a brochure announcing a seminar on "Application of Soils and Geologic Data" to be sponsored by Northern Ohio Geological Society (NOGS). Jim Bauder, who is also affiliated with NOGS, wondered if AOP was interested in possibly co-sponsoring this seminar or even having an AOP member present a paper. Joe Steiger moved for AOP to co-operate with NOGS and ask Jim Bauder for a firm proposal. Dwain Waters seconded. Motion passed. Marv Bureau will contact Jim Bauder.

The Executive Council has decided to propose to the membership that Dr. Garth Volk, former OSU Agronomy Department Chairman, be awarded honorary membership in AOP. During his career, Dr. Volk served on the Soil Inventory Board. He also served as a Soil Scientist in Guatemala. The membership will vote on his nomination in the December newsletter. It was also decided that Neil Smeck should report at the winter meeting on the OSU Soil Judging Team and the Regional Contest. Marvin Bureau will contact Neil.

The Treasurer's Report was given showing a balance of \$1,255.15. Dale Garner moved to reimburse George Hall for printing and postage costs. Sam Lehman seconded. Motion passed.

A student application for Lou Ellen Lamb was reviewed and Sam Lehman moved to accept; Marv Bureau seconded. Application was accepted.

The Treasurer reported according to AOP constitution, the financial records of AOP are to be credited annually by a Committee of Finance. Marv Bureau will contact two other members and review the finances on the day before the annual meeting.

Dwain Waters moved to adjourn. Dale Garner seconded. Motion passed.

Respectfully submitted,
Bob Parkinson, Sec.-Treas.

Members Present: Joe Steiger, Past Pres.; Marv Bureau, Pres.; Dwain Waters, Pres. Elect; Bob Parkinson, Sec.-Treas.; Sam Lehman, Fed'l. Agency Rep.; Dale Garner, Private Agency Rep.

Members Absent: George Hall, Editor, Neil Smeck, Academic Rep; Don Musgrave, State Agency Rep.

Election of Officers and Representatives

Officers for 1979 to be elected at the January business meeting:

<u>Office</u>	<u>Nominee</u>
President-Elect	James Bauder Norbert Lerch
Executive Council Representatives	
Federal Agencies	Robert Hendershot Mike Plunkett
State Agencies	James Ernst Tim Gerber
Academic Institutions	Neil Smeck
Private Practice	Robert Roseler Paul Reese

Other nominations will be accepted from the floor.

Dwain Waters is now President-Elect and will assume the presidency in January. The Secretary-Treasurer and Editor are two year terms and are not up for election this year.

News From Lands and Soil

Personnel Changes

Rick Robbins, Soil Resource Specialist working in Ottawa County, was recently promoted and transferred to the Jackson County survey.

George Derringer, an OSU masters candidate, was employed to fill the vacancy created by Robbins' transfer.

Richard Kosarko has resigned his Soil Resource Specialist position in Jackson County.

Forrest Cunningham and Terry Priest have moved their headquarters from St. Marys to Marion to work on the soil survey of that county. Their new address is: 118 S. State St., Marion, Ohio 43302

Publications

Soil Inventory Progress Report No. 54, Cuyahoga County, Ohio was recently published.

Progress Report No. 55, Seneca County, is now in the hands of the printer and Report No. 56, Belmont County, is in the final cartographic assembly.

Best wishes for a very pleasant holiday and a prosperous New Year.

Dues Notice

Annual dues are payable January 1, 1979. Make checks payable to Association of Ohio Pedologists and send to Robert Parkinson, 200 Coshocton Avenue, Mt. Vernon, Ohio 43050.

Again this year the membership will have the option of applying \$2.00 of their AOP dues toward the cost of the journal Soil Survey Horizons. Subscriptions to Soil Survey Horizons will be submitted as a group by the AOP. Thirty-two members selected this option in 1978. Dues schedule for the different options is listed below:

<u>CLASS</u>	<u>WITH SOIL SURVEY HORIZONS</u>	<u>WITHOUT SOIL SURVEY HORIZONS</u>
Pedologists	\$15.00	\$12.00
Affiliates	10.00	7.00
Students	5.00	2.00

Dues and Soil Survey Horizon subscription form is on the back page of this Newsletter.

1978 Association of Ohio Pedologists Membership

<u>Name</u>	<u>Membership Class</u>	<u>Name</u>	<u>Membership Class</u>
Nicholas Holowaychuk	Honorary	George Hall	Pedologist
George Schafer	Honorary	Vaughn Siegenthaler	Pedologist
Thomas Graham	Pedologist	E. Cecil Flesher	Pedologist
Dale Garner	Pedologist	Martin Schmidt	Student
Jonathan Gerken	Pedologist	K. Keith Huffman	Pedologist
James Ernst	Pedologist	Marvin Bureau	Pedologist
James Bauder	Pedologist	Paul Reese	Pedologist
Norbert Lerch	Pedologist	Lawrence Tornes	Pedologist
D. Rex Mapes	Pedologist	Robert Parkinson	Pedologist
Robert Hendershot	Affiliate	Richard Christman	Pedologist
Joseph Steiger	Pedologist	Larry Porter	Pedologist
Thomas Nash	Affiliate	Dwain Waters	Pedologist
E. Larry Milliron	Pedologist	Linn Roth	Pedologist
Danny Lemaster	Pedologist	William Hale	Pedologist
Tom Zimmerman	Affiliate	Michael Plunkett	Pedologist
Ralph Meeker	Pedologist	George Dean Bottrell	Pedologist
Donald Urban	Pedologist	Timothy D. Gerber	Pedologist
Neil Smeck	Pedologist	Michael L. Thompson	Student
William Black	Pedologist	Neil Rubel	Pedologist
Ralph Hershberger	Affiliate	James Petro	Pedologist
Dennis Brown	Pedologist	Robert Basile	Pedologist
John Kenneth Donaldson	Affiliate	Paul Jenny	Pedologist
Robert Roseler	Pedologist	Niles McLoda	Pedologist
Sam Lehman	Pedologist	Dennis Holloran	Pedologist
Norris Williams	Pedologist	Margeret M. Cashell	Student
Alexander Ritchie	Pedologist	Daniel J. Crowner	Pedologist
Kenneth Olson	Pedologist	Lou Ellen Lamb	Student
William Shumate	Pedologist		
Donald Musgrave	Pedologist		
Richard Kosarko	Affiliate		
Lyle Jones	Pedologist		
Floyd McCleary	Pedologist		
Glenn Kelley	Pedologist		
James Kerr	Pedologist		

Addresses

Some of you may be interested in the addresses of our two honorary members.

George Schafer
2767 Brandon Road
Columbus, Ohio 43221

Nick Holowaychuk
10754-74th Avenue
Edmonton, Alberta, Canada
T6E, 1G6

I'm sure both would appreciate a note or card.

Activities at the OSU Agricultural Technical Institute - Tom Zimmerman

(Editors Note: For those of you may not be aware of Ohio State's Agricultural Technical Institute (ATI) located at Wooster, the following article written by Dr. Tom Zimmerman, an Assistant Professor and Technical Coordinator of the Soil and Water Conservation and Management Technology at ATI and an affiliate member of AOP, may shed some light on the subject for you).

During the 1960's several studies showed that the rapid increase in agricultural technology coupled with the demand for more world-wide food production had created a manpower shortage in agriculture particularly at the technician or "para-professional" level.

The Agricultural Technical Institute (ATI) was planned during the 1960's as a means of providing these technicians in many fields of agriculture. The idea is to "bridge the gap" between the people just out of high school, with little or no agricultural training, and the people trained for B.S. or higher degrees for the more professional positions available in agriculture. Thus, in some fields no new positions are created for these students. They are merely filling positions of a more routine or less professional nature that B. S. or more advanced students were "too highly trained" for. In some fields, however, new positions were created such as the para-medics have done to fill a gap in the medical field.

In order to better understand ATI, the following list will highlight some of the significant events that have occurred at ATI.

- Autumn Quarter 1972 - Doors opened for classes held at OARDC next door for 200 students.
- Spring Quarter 1973 - Classes first held in newly completed Phase I building.
- 1975 - \$4,000,000 capital improvements appropriation for Phase II building. Autumn Quarter enrollment about 650 students in 15 different technologies.
- July 1978 - Full accreditation received by North Central Association of Colleges and Secondary Schools.
- Autumn Quarter 1978 - Phase II building opened for classes for about 750 students in 16 technologies.

Preliminary plans must be submitted by late December 1978 for another building project. This one will bolster the student activities area which is badly needed and will also improve facilities for some technical programs.

Students coming to ATI decide to major in a technical program (Technology) and earn the Associate of Applied Science Degree. The technologies are divided into four divisions and are as follows:

Division of Agricultural Business Technologies

Agricultural Research and Laboratory Science Technology
Agronomic Businesses Technology
Commercial Beekeeping Technology
Crop Production Technology
Food Marketing Technology

Division of Agricultural Mechanics Technologies

Agricultural Materials Handling Technology
Forest Products Technology
Soil and Water Conservation and Management Technology

Division of Animal Industries Technologies

Dairy Cattle Management Technology
Horse Management Technology
Livestock Production and Management Technology

Division of Horticultural Industries Technologies

Floral Design and Marketing Technology
Greenhouse Management Technology
Landscape Design and Construction Technology
Nursery Management Technology
Turfgrass Management Technology

In addition, there is a General Studies Division which offers no degree but is an essential companion for the technologies because this is the division that teaches chemistry, math, English, and biology.

Since I am the Technical Coordinator for the Soil and Water Conservation and Management Program, the remainder of this article will deal with this particular technology.

Most graduates and internship students have jobs with SCS and the Districts as technicians assisting with drainage, erosion control, livestock waste management, and other soil and water conservation practices.

Technical courses that soil and water students take are as follows:

Introduction to Soil Science and Plant Nutrition
Soil Physics and Engineering
Soil Formation and Application to Soil Classification
Field Crop Production
Weed Science
Technical Drawing and Sketching
Mobile Industrial Power and Equipment
Agricultural Surveying and Mapping
Crop Management and Tillage Systems for Erosion Control
Waste Management and Disposal on Land
Land Use Planning
Irrigation, Drainage, and Erosion Control Structures for Agricultural Lands
Occupational Internship
Practicum in Agriculture

Of interest to you is the course dealing with Soil Formation and Classification. This course goes into the factors of soil formation and how they relate to the formation of different soils, profile descriptions, soil taxonomy and soil survey reports. It is assumed that the students will not likely obtain jobs in soil survey and/or soil taxonomy but that a study of the above topics will help them do a better job in their role as a soil and water conservation technician.

Occupational Internship is a unique feature of all the programs at ATI where the students "earn while they learn". They take a job that is related to their field of study for one quarter or one and one-half quarters. They are supervised by their advisor, evaluated by their employer and advisor, are graded, and receive academic credit. Soil and water students are out on internship from May through August.

Practicum is another unique feature of the ATI programs. This is a course designed to improve the students' physical skills. Livestock students feed and milk cows; feed beef, lamb, and swine market stock; and assist cows, ewes, and sows giving birth; or groom horses at the horse barns depending upon the students' major interest. Agronomy students help with the crops at the 1500 acre Apple Creek State Institute Farm. Soil and Water students work at the Wayne SWCD or one of the neighboring ones in Ashland, Holmes, or Medina. Again, as with Internship, the students are graded and receive academic credit, but no wages are paid for Practicum.

Other happenings that may be of interest is that during September 1978, the Ohio Federation of Soil and Water Conservation Districts, in cooperation with the ODNR Division of Soil and Water Districts and SCS, sponsored a week-long Short Course at ATI for new technicians of SCS and the Districts. An advanced course for more experienced technicians will be held at ATI in March 1979. These short courses are planned as annual events.

The new Phase II building that opened this Autumn Quarter had a new Soil and Water Lab that will enable more specialized instruction. Some features are new equipment such as a flume for demonstrating water flow, a basic hydrology system for demonstrating various aspects of the hydrologic cycle, and a 500 gallon sump so that pump studies can be conducted.

In summary, our experience at ATI makes us positive that we are making an impact upon agriculture through the training of specialized workers for many different areas of agriculture.

News from SCS State Office

We understand that Louella Lerch is now home and continuing to recover from her accident. We wish her a speedy and complete recovery.

George Schafer stopped by the office last month. Some of us were out but it is good to hear from George and have him drop by. We all wish Lou the best and hope she can return home soon.

Melanie Carrel reported to the Hocking County project soil survey office in Logan during October. Jon Gerken, Party Leader, and Melanie comprise the Hocking field party. The Hocking County pre-mapping conference was held November 7, 1978.

DUE AND ANNUAL MEETING REGISTRATION

<u>AOP DUES - 1979</u>	W/SOIL SURVEY HORIZONS	W/O SOIL SURVEY HORIZONS	
Pedologist	\$15.00	\$12.00	_____
Affiliate	10.00	7.00	_____
Student	5.00	2.00	_____

ANNUAL LUNCHEON - January 16, 1979

_____ luncheon tickets @ \$6.25 (Reservations must be received no later
than January 11. _____)

TOTAL ENCLOSED _____

Name _____

Address _____

Make checks payable to Association of Ohio Pedologists. Mail to Bob Parkinson,
200 Coshocton Avenue, Mt. Vernon, Ohio 43050

The Executive Council has nominated Dr. Garth Volk as an Honorary Member
of AOP. As former chairman of Ohio State University Agronomy Dept., Dr. Volk
served on the Soil Inventory Board. Prior to joining OSU he served as a soil
scientist in Guatemala.

Are you in favor of Dr. Volk being awarded Honorary Membership in AOP?

_____ YES

_____ NO

