

The Shideler Shibboleth



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DEPARTMENT OF GEOLOGY



MIAMI UNIVERSITY

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LIBRARY MOVES FROM SHIDELER — LOCK, STOCK, AND BARREL (S OF BOOKS)

After some seemingly endless number of years of talking about, talking around and talking through such a move, time has finally caught up with us. Meetings, entreaties, petitions from students and other legitimate devices could not halt the inevitable loss of our departmental library. In June Geology, along with the Biological Sciences, Chemistry, Mathematics and Physics combined their libraries into the all-science library located in the newly finished 2.7 million dollar wing of Hughes Hall.

We miss the convenience of our own library's proximity. This new facility encompasses four stories, with a capacity for 200,000 volumes and seating for 700 persons. Special features include: 7 group study rooms, 57 carrels for faculty and graduate students, and 50 locked book trucks which can be assigned to students working on research papers and theses.

Our library has a long and interesting history. Some of us remember the 'library' when it was nothing but a collection of early periodicals, duplicate reprints and used texts stored on Dr. Shideler's own shelves. Donated books (mostly his own) soon began to cramp his style in that small office and so were relegated to the Paleo Lab. Gradually a small but efficient library was carrying on its business on the top floor of Brice, guarded by our departmental secretary during the day but maintained on the honor system in the evenings and on the weekends. After some time it became apparent that the top floor was buckling under the constant weight of the many volumes, the outside brick facade was cracking and in general the whole building was in desperate straits! Notwithstanding the steel beams hurriedly placed in the basement and the fishbelly supports attached to the outside it was felt that the weight was better suited to the somewhat more sturdy main floor.

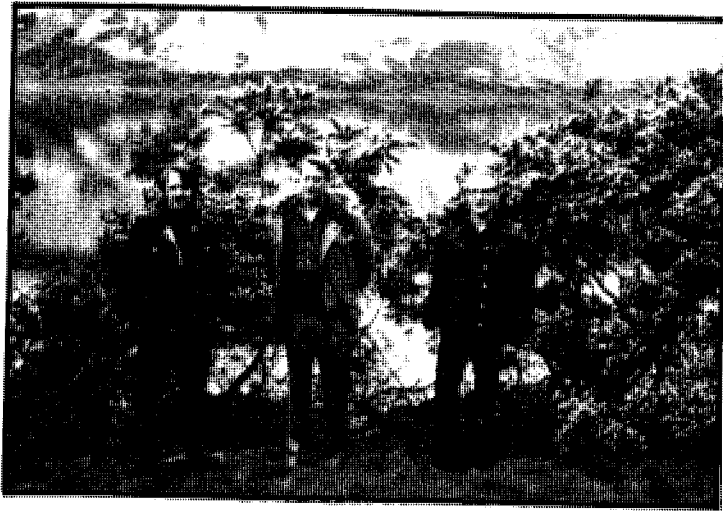
For many years the departmental secretary's desk was located in the library as she was hired for dual duty. We remember Mrs. Foss, Winnie North, Lynn Beatty and Betty Taman (only a few of the many) in those years before 1960. In that year Alice came to us as a bright-eyed, brand-new Geology Secretary-Librarian and she continued in that position until the move to Shideler Hall in January of 1967, at which time she became head of a much expanded departmental office. It was in the sixties that we watched our

The Geology Library in Shideler Hall



library grow into a full-fledged Ph.D. library in Shideler.

In the years since 1967 we have had a parade of full-time librarians. Many were trained librarians, some were wives of students, some were students themselves. By the time they moved on all were old friends. Remember Holly Brown? She was the first librarian assigned to Shideler. Martha FitzPatrick, Roberta Coppinger and Melinda Tucker were wives of students. Patience



L to R: Norman Grant,
Jim Bever and Dave
Scotford.

Professors in Loch Leven, Scotland

L to R: Ed Cortellini,
Mike Tyson, Tom Galya,
Dave Murchison, Clay
Gardinier and Paul Holm
from the University of
Illinois.



The Group of Ph.D. Students

MIAMI UNIVERSITY GEOLOGISTS' FIELD TRIP TO SCOTLAND

personified was Miriam Piper who was librarian from 1973-76; in the fall of that year returning faculty and students were greeted by a cheery 'good morning' in Czech. Inge Blazak, the new librarian, was in the process of trying to teach just the correct pronunciation for those who were determined to learn that phrase.



The Gnomes Who Guarded the Library

All these are now memories and the former library space will now be shared by both Geography and Geology for teaching and research purposes. Geography plans to use its portion for cartographic and remote sensing studies. Geology plans to convert its portion into a research and study area for a number of its graduate students. There probably will be some half dozen study offices along with a large open area for thesis and dissertational research. In addition it is planned to house a computer terminal in that area.

So comes the changes of time. We'll miss Inge in our building but she will be nearby keeping watch over the map collections in the Science Library. Our gnomes, long-time guardians of the library are now acting as a welcoming committee to the museum. Someone suggests a subtitle: "Death in the Afternoon - The Rise and Fall of the Geology Library".



Inge In Action

 DON'T FORGET THE SHIDELER FUND CONTRIBUTIONS. WE
 HAVE YET TO REACH OUR ONE MILLION DOLLAR GOAL.

Five Ph.D. students, Ed Cortellini, Tom Galya, Clayton Gardinier, Dave Murchison and Mike Tyson, along with three faculty, Jim Bever, Norman Grant and Dave Scotford, spent three weeks in Scotland and Wales during May studying the Caledonian geology of those areas. The trip was financed by a combination of this department's doctoral enrichment account and registration by the students under a workshop format. Inasmuch as the students were all Teaching Fellows they paid no tuition. The geologic aspects of the trip were led by Dennis Wood of the U. of Ill. and his graduate student, Paul Holm. Dr. Wood is a native of Wales and has had many years of experience in the structural and petrologic aspects of Scottish and Welsh geology. He proved to be a very knowledgeable and stimulating field trip leader. Paul Holm was also an effective guide to the geology as well as to the joys of evening pub living.

After getting to London by charter aircraft out of Chicago, the group rented a minibus which carried twelve people plus baggage. The drive went northward to Scotland. There were some exciting moments when our first driver (Scotford) was learning to cope with 5:00 p.m. London traffic and the left hand right of way rule. Most of the first two weeks were spent in the northern highlands of Scotland looking at Dalradian, Moine and Lewisian metamorphism, and polyphase deformation. Although the weather was mostly cloudy, occasionally rainy, and consistently cool, it didn't hamper their activities and seemed quite appropriate for the moody aspect of Scottish landscape. Things were considerably warmer, drier and sunnier in Wales where the group took up the story of the Caledonian deformation farther south, principally on the Island of Anglesey. After a day's tourist activity in London they flew back to Detroit, and then on to Oxford by non-airconditioned Avis through the 90° weather.

Dave Scotford summarizes: "I believe it was a very valuable experience for everyone concerned and certainly hope that it will be possible in the future for a different group of graduate students and staff to make a similar trip."

YOU DON'T SAY!



Church Mary A Hollow White Hazel Near To The Rapid Whirlpool
 L l a n f a i r p w l l g w y n g y l l g o g e r y c h w y r n d r o b w l l -
 Church Saint Tysilio Cave Red The group sitting in front of
 a railway station in Wales.
 l l a n d y s i l i o g o g o c h

PRESS TIME ALUMNI NEWS

Tom Carpenter (A.B.'74) and his wife, Jessie, have a new address in Texas, where Tom is a geologist with Shell Oil (mid-continent exploration): 21334 Park Mount Dr., Katy, TX 77450. They were disappointed with Shideler Hall's showing at the Miami Alumni (Houston Chapter) get-together last spring, but have run into several Miamians and countless others who have attended Miami's Field Camp in Wyoming. Thanks for the card, Tom.

Steve Fisher (A.B.'68; M.S.'75) writes from his new address at 1708 Patton Lane, Austin, TX 78723, that he is down there in the 'Lone Star State' looking for uranium!

Sandy and Gloria (King) Ludlum (M.S.'73) (A.B.'65). Gloria has been a project coordinator at Chemical Abstracts Serv. the last four years and Sandy is running their retail business, What On Earth, Inc., at a shopping center in Columbus. Even though a lot of his time is spent traveling to obtain merchandise he still finds time to go on mineral-collecting expeditions. They are building a new home at 452 Mary Avenue, Westerville, Ohio 43081.

Bob Renken (M.S.'76) has been taking courses in petroleum reservoir engineering from L.S.U. while working for the conservation division of the U.S.G.S. in New Orleans. He and Ron Spraitzar (M.S.'77) have both been assigned to a group attempting to map and evaluate all known oil and gas reserves in the Gulf of Mexico. Bob's wife, Mary Ann, is teaching 6-8 grade emotionally disturbed children. Playing softball, golfing, jogging and exploring the alleys of New Orleans keeps Bob off the streets!

John Pope has heard many good things about former students: Dave Smith (A.B.'76) and Stuart Kelly (A.B.'76) are almost finished with their M.S. theses at Indiana; Bob Frey (M.S.'76) will be returning in the fall from Wright State U. to begin Ph.D. work in paleontology; and Dave Liddell (A.B. Zoo.'73) is just about finished with his doctoral work at Michigan.

CONTRIBUTORS TO THE SHIDELER FUND

January 1978 through June 1978

We really do thank you for your contributions. As most of you know donations to the Shideler Fund are used to help defray costs for students going to field camp, for student research, and for field trips, etc.

G. Allan Brown (A.B.'65)

Philip A. Davis, Jr. (M.S.'74)

Robert L. Detterman (A.B.'41)

Mr. & Mrs. C. Earl Harris, Jr. (Ann & Earl, M.S.'58)

Gregory C. Hatch (A.B.'55; M.S.'56)

Gordon L. Heele (A.B.'61; M.A.'63)

Mr. & Mrs. David F. Parr (Dave, M.S.'75)

Mr. & Mrs. Edward N. Roberts (A.B.'39)

Kenneth Lee Shropshire (B.S.'54)

Charles H. Soule (A.B.'72)

Mr. & Mrs. Eral M. Sutton (Eral, A.B.'53; M.A.'54)

Robert M. Walter (A.B.'77)

FACULTY AND STAFF NEWS

Dave Scotford records his year as follows: "The summer of 1977 was divided between teaching in Oxford and directing theses in Wyoming plus two weeks in Georgian Bay sailing. I attended one of the better GSA meetings in Seattle, Washington, in November and went on a field trip to the northern Cascades with that famous granitizationist, Peter Misch. A paper co-authored by Tom Laskowski has been accepted for publication in the American Mineralogist dealing with the use of the dispersion staining objective for index refraction determination in thin-section. A geology field trip to Scotland (described in more detail elsewhere) was organized for the period following the close of the early semester in May. This proved to be one of the more enjoyable and rewarding experiences I have ever had. This summer I will be directing a Master's thesis in Maine and taking advantage of the nearby coastal sailing waters as well as teaching at Wyoming and directing a thesis there."

Dwight Baldwin returned to Oxford in early June, 1977, after spending 10 months as a Fulbright Scholar at The Universiti Pertanian Malaysia. He says he feels as if he has a split personality inasmuch as he is now Deputy Director for Academic Affairs with the Institute of Environmental Sciences (IES) as well as an active member of the Geology Department. One half of his time is now spent in the department and one half is spent with the IES. Since his return, Dwight says his lust for travel has been somewhat satiated. He attended several symposia locally and the NCS-GSA meetings in Ann Arbor. He is one of the summer session faculty in June, 1978. This activity along with helping to midwife the construction of an addition to the Baldwin home is helping to counter the nostalgia of world traveling.

Jim Bever reports, "Usually I say 'School is much the same as usual', but this isn't quite true this time." His new course in "Gems and Gem Materials" seems to have become a fixture and its enrollment is expanding to impressive dimensions. Also, "Geophysical Methods" and "Ore Microscopy" are given in alternate years with the "Mineral Deposits" sequence. With the inspiration of last Spring's graduate student field trip which Jim led to examine the geology from Sault Ste. Marie to Sudbury, Ontario, along the north shore of Lake Huron and underground at the famous mining district, he and Luke Chang took graduate students Mike Tyson and Phil Molling on a quickie field trip to the Duluth Complex to examine potential thesis areas and a new AMAX copper-nickel mine. Jim was one of the Miami group just returned from the fantastic Scotland-Wales field trip. Beginning June 26th, he'll be teaching in summer school. Jim was guest lecturer at Bowling Green, Univ. of Kentucky, and Univ. of Louisville this winter and had two other lectures cancelled by record-type blizzards. Five lectures were given to other groups on and off campus. Doug Sheridan and William ("Nick") Raymond of the U.S.G.S., and Jim are in the near final stages of preparation of a paper dealing with a group of very unusual mineral deposits in the central Front Range of Colorado.

Luke Chang, our tireless "paper writer", has struck again; for 1977-78 two published papers and two presented papers led the department in productivity. "Phase Relations in the Systems $PbS-Fe_{1-x}S-Sb_2S_3$ and $PbS-Fe_{1-x}S-Bi_2S_3$ " was published in the Canadian Mineralogist, v. 15 (1977) and "Descriptive Mineralogy of Pugh Quarry, Northwestern Ohio: Marcasite and Pyrite" came out in the Ohio Jour. Sci., v. 77 (1977). At the G.S.A. Seattle national meeting in November he presented a joint paper with Charles Knowles (Univ. of Idaho) entitled, "Phase Relations in the Systems $PbS-Fe_{1-x}S-Sb_2S_3-Bi_2S_3$." He, Mike Tyson and Phil Molling (graduate students) prepared a

paper which Phil presented at the 24th annual meeting of the Inst. of Lake Superior Geology at Milwaukee, Wisconsin: "A Petrographic Guide to Unit Identification in the Partridge River Troctolite, Duluth Complex, Minnesota." In order to prove that he can go out in the field and come back alive Luke joined Jim Bever in hunting for thesis topics in the Duluth Complex last fall. A ten-day visit in New York City last summer and a seven-day spring trip to New Orleans with his wife and family served as respite from the toil and tribulations of Shideler Hall.

Norman Grant took but a brief time to establish himself as the newest full-time member of our department. His contagious enthusiasm has been caught by his students in both Fundamentals of Geology and a new course, Plate Tectonics, which he introduced in the Spring Semester. In addition, he was the 1977-78 director of the departmental seminar sessions. Last November 3-4 he attended the Princeton University sponsored sessions on "The Physics of Magmatic Processes" as well as meetings (March 7-8, '78) at Boston College on "Mylonites- Natural and Experimental". His publications now include "Structural Distinction between a Metasedimentary Cover and an Underlying Basement in the Six Hundred Million Year Pan-African Domain of Northwestern Nigeria, G.S.A. Bull., v. 89, Jan. '78. He has been, and will be again this summer, able field assistant and collaborator with his wife, Martha Hickman, in the Greenland coastal project. Late Spring trips took him away from Oxford - first on the M.U. field trip to Scotland and additionally to New Mexico.

Martha Hickman returned late in the summer from West Greenland where she and Norman had collected rock specimens for geochemical analysis. Some months later her tons of selected and choice Nagssugtoqidian Mobile Belt rock samples arrived having made the transAtlantic and transContinental trip to Oxford safely encased in specially prepared oil drums. During the Fall Martha commuted to Earlham College, Richmond, Ind., to present a course on Precambrian Geology and Geochemistry. This activity, however, did not deter her from having a paper entitled "Isotopic Evidence for Crustal Reworking in the Rhodesian Archean Craton, South Africa" published in Geology, v. 6, no. 4, April, '78, nor from unpacking her impressive cache of Precambrian rocks and preparing them for analysis. All of the latter activity is being funded by her greater than \$7,000 Research Corporation's grant. Greenland became the topic for a fascinating illustrated visit presented to M.U.G.S. this year.

Karl Limper is finding that student interest in the Geology of the National Parks is becoming high onto overwhelming, but gratifying; the most recent semester's enrollment was 225. This course required that he spend the Christmas holidays on the American Virgin Islands where one of our National Parks is located. Wyoming and Miami's field station continues to be an attractive one-month's experience. A probable indication of accumulated years is the increasing number of offspring of former students (majors & non-majors) who are taking his courses. For those readers who are in the academic world Karl would appreciate any contributions to his now slowly growing collection of Geologic Boners. Miami students seem to be losing their former abilities to make misstatements.

Wayne Martin was a member of the organizing committee of the GLS-SEPM Oct. 1-2, 1977, field conference which was sponsored by the department. The conference was well-attended with over 130 participants on the field trip to southeastern Indiana. We received many compliments on the conference and on the guidebook. John Pope, Roy Reinhart, Perry Stewart and Helen Hay planned excellent trips and John was coeditor of the guidebook. We are selling surplus guidebooks hopefully to acquire between \$450 and \$600 with

Sun Oil Co. and Amerada Hess Corp. In November, 1977, he became an independent consultant obtaining his first contract from Texas Crude Inc. He was married in November '75 to Beverly Davison and they are enjoying the peaceful country life south of the city of Lafayette, Louisiana. Their P.O. Box is 52979. Last fall Richard attended an AAPG Structural Geology School in Vail, Col., which enabled him to visit Mike Holmes (B.S. '70; M.S. '74) and Donna who are living in Denver. Together they enjoyed an excellent meal at David Sun's restaurant. Richard is staying in contact with Suresh Sachdev (Ph.D. '74), Ron Silver (M.S. '73), Sheldon Shuff (M.S. '74), and Ray Blackhall (M.S. '74). They all hope to visit the dept. soon.

Bob Wallace (Grad. student '69-'70) has received his Master's of Divinity and M.R.E. from the Southeastern Baptist Theological Seminary in Wake Forest, N.C. and is presently seeking his first pastorate. Bob taught science and math and coached football, basketball and girl's softball at Diana Jr. H.S. in Diana, West Va., for 5½ years before going into the seminary. We believe, for the time being, his address is still at 3210-F Calumet Dr., Raleigh, N.C. 27610. We wish you the best, Bob.

Bob Walter (A.B. '77). We recently received a nice note from Bob out in Midland, Texas (he's with Texaco there). He vows he's becoming a more eligible bachelor every day, girls. He keeps busy during his off-hours playing tennis, swimming, dancing in ballets and teaching classes in figure drawing. He even likes to try out new bread and soup recipes occasionally. Bob says his MUGS t-shirt holds a prominent place on his back and that he thinks of good ole M.U. often. His address: 807½ W. Michigan, Midland 79701.

Joseph Wargo (Instruc. '54-'55) has been appointed manager of International Exploration for Homestake Mining Co. in San Francisco and is enjoying working in those out-of-the-way places in Australia, Central America and Canada. His daughter, Kim, is now a senior in geology at the U.Cal. Our latest address for Joseph is at 21 Birchwood Place, Moraga, CA 94556. It was good to hear from him.

Doug Weimer (A.B. '77) is in Casper, Wyoming 82601, with Core Lab and his address there is 350 North Forest, #54.

Jim White (A.B. '50; M.S. '51) has a new address: 3511 Rue Mignon, New Orleans. We believe he is still a production geologist with Exxon Co. in that city.

Jeff Williams writes that he will finish his M.S. this summer from M.U. He then plans to continue working toward his Ph.D. at Penn State where he will have an assistantship to work under Hisoshi Ohmoto on stable isotopes of ore deposits.

Howard Winkelbauer (M.S. '74) writes that he finally bought a house after years of renting. It is close enough to his job, yet just far enough away! His new address is 228 Woodhill Road, West Mifflin, Pa. 15122. Howard flies to Chicago or Houston several times a year on company business and plans next time to look up some acquaintances from his days at good ole M.U.

Frank Wright (M.S. '70). We received a change of address card for Frank and his wife, Kay. They are now living at 7062 Shady Arbor Lane in Houston, Texas 77040. Frank is with Mobil Oil.

ALL DONATIONS TO THE MIAMI ALUMNI ASSOCIATION
CAN BE DESIGNATED FOR THE SHIDELER FUND.

Tom Smoot (M.S.'56) writes that in lieu of additional children he is busy making additions to his cartel of companies, one of them being KOR Chem, Inc. The address is still the same: 7190 Duncourtney Dr., N.W. in Atlanta.

Judy (Luhn) Sneed (A.B.'66; M.S.'68) writes beautifully of the joys and trials of keeping up with 2 young children, Brian (3) and David Allen (5/25/78), along with the usual activities related to the L & S Service Corp. which she and her husband operate. Farm chores keep her pretty busy, also. One recent morning's activity included 3 pigs escaping and last seen being chased into the woods by a Labrador Retriever and a hound!

Dave Soller (M.S.'78) left for Louisiana where he has a position with Mobil Oil as an exploration geologist. He and Linda will make their home at 223 Normandy Dr., Slidell, LA 70458. Good luck to both of you - you'll be among many Miamians.

Barry Spencer (A.B.'74) was another grad who turned up at the recent N.C. sect. G.S.A. in Ann Arbor, Michigan. He gave a co-authored paper on the geochemistry and mineralogy of stratiform magnetite-ilmenite ores of the McClure Mountain mafic-alkalic complex in Colorado. We don't have a home address for Barry, but he might be reached through the Dept. of Glg., U. Mich., Ann Arbor.

Craig Stichtenoth (M.S.'75). Craig received his M.S. from B.G.S.U. in Dec. '77. He married Beverly Jean Frick (B.S. Ed.'77) on June 25, '77, in Glen Rock, New Jersey. He is a geologist with Texaco Inc. and lives at 601 George, #91, Midland, Texas 79701. It was good to hear from you, Craig.

Alan Stueber (Former Assoc. Prof. '67-75) is now working at the Oak Ridge Nat. Lab. in Tennessee. He, his wife, Bonnie, and son, Eric, live at 1932 Northwood Dr., in Knoxville, Tennessee 37919.

Dave Sun (M.S.'75). Dave wrote back in December of '77, but we failed somehow to get the news in the last Shibboleth. He is still enrolled in the Col. Sch. of Mines for a Ph.D. degree; BUT he has, with other partners, opened a Chinese Restaurant called Chun King Restaurant & Lounge at 8611 W. Colfax in Lakewood, Col. He says the restaurant business is time consuming but that his food is good! Occasionally "old" M.U. grads drop by and enjoy an evening.

Eral Sutton (A.B.'53; M.A.'54) has a new address: 1700 Mistletoe, Humble, Texas 77339. He is now chief geologist for Damson Oil Corp., Houston.

John Thoms (M.S.'56) is now living at 1665 N. Sandalwood Dr., in Brea, CA 92621 but we have no other information at this time.

Dan Tucker (M.S.'68; Ph.D.'75) has accepted an offer from the U. of So. Ia. and will begin teaching in their glg. dept. August 21st. This summer he plans to fly to Idaho to spend a week or so in the field studying. After Idaho he has to return to Shreveport for the fun of moving (or as the U-Haul Corp. is fond of saying, "having an adventure in moving"). He says if you say U-Haul in Shreveport, people listen for your next statement. Think about it.

Richard Vian (A.B.'57; M.S.'59; Assist. Prof.'71-'77) has taken a position with Anaconda Copper Corp. in Butte, Montana, and lives there at 2270 Skyway Drive, 59701.

Richard Wagner (M.S.'74) writes that from '74 to '77 he was a geologist for

the first printing, the money to be used by our students and faculty for research and field geology related use. The guidebook contains chapters on the Cincinnati facies, trace fossils, and body fossils as well as road logs and section descriptions on biostratigraphy and glacial stratigraphy. (ADVERTISEMENT: The guidebook can be purchased for \$6.50 - make checks payable to Department of Geology.) During the year Wayne presented a seminar talk at Indiana University/Purdue University on the Dunkard Group and one at the U. of Louisville on the Cincinnati limestones. He participated with graduate students in the Ohio Inter-Collegiate field trip in eastern West Virginia and led a trip in the spring to southcentral Ohio for advanced students. In April he attended the AAPG-SEPM meetings in Oklahoma City and participated in the trace fossils field trip in the Ouachita Mts. He particularly enjoyed visiting with many alumni of the department at the meetings. Wayne taught at the field station during the first term of the summer session. The total enrollment in the field courses was about 125 students. Wayne continued research on the Cambrian carbonates of the Dubois, Wyoming, area upon his return from the field station.

Robert McWilliams has a paper entitled "Early Tertiary Rifting in Western Oregon and Washington" that is to appear in the July '78 issue of the AAPG Bulletin. In March he presented a talk entitled "Energy, Freedom and Dignity" to the Moorehead State University. He is continuing as a member of the Faculty Rights and Responsibilities Committee. For the first semester of next year Bob will be a visiting scholar at Miami U.'s Luxembourg Center.

John Pope writes the following introductory paragraph to alert all readers to the vicissitudes of our Oxford '77-78 winter. "The blizzards of last winter and the power cut-back of this spring have disappeared and metamorphosis of the world into summer finally seems to be happening. Vivid memories of this year will remain: of the long night and morning of Jan. 26 spent stranded in the Millville donut shop during the big blizzard; of a two-foot drift through our carport and the backyard fence submerged under another; of abandoning the car in a university driveway and slogging to class; and, of course, of the closing of Shideler Hall every evening and weekend and of carefully restricting the use of every light and appliance during the power shortage." This has been the year that the Popes have become known as "the parents of ...". Susan, a senior at Talawanda H.S., won a National Merit Scholarship and will attend Wellesley College next year. Jonathan, a freshman in high school, advanced to Eagle Rank in Boy Scouts. The year for John began in August when he attended the N.A. Paleontology Convention, II, in Lawrence, Kansas. This was followed by a quick trip to the U. of Iowa to survey their collections of Upper Ordovician brachiopods. John wishes to supplement Wayne's commentary on the GLS-SEPM conference by extending his thanks to all those who contributed to the guidebook which he and Wayne coedited. This guidebook, John admits, forced him to up-date the name of the Cincinnati brachiopod species. The list will appear along with the name revisions contributed by specialists in other groups in a new edition of the "Guidebook to Cincinnati Fossils", to be published next fall by the Cinci. Mus. of Nat. Hist. Other activities of the year for John included revising his manuscript on the Middle Ordovician strophomenacean brachiopods of Kentucky, finally finishing the manuscript with Stuart Kelly on his new crinoid from Indiana, and enlarging our collections from the very top of the Ordovician in Indiana. He also has begun a research project on a species of the brachiopod Eostropheodonta from the Maysville rocks of this area, which may be the oldest and best preserved specimens of Eostropheodonta.

Roy Reinhart directed field trips for two days of the Oct. 1-2 GLS-SEPM Field Conference sponsored by Miami U. He wrote a portion of the field guide manual for the conference and picked sites to visit. He has a paper in press with Ntl. Geographic, "New Discoveries in the Order Desmostylia" and two papers essentially complete. Most of his spare time is spent on a long-continuing project on desmostylid research which is progressing well. He spoke recently on this subject at the U. of S. Ill., B.G.S.U. and our own M.U. His plans include some research at Smithsonian Inst., Wash. D.C. this summer, funded by a minor summer grant. He will continue as Research Associate at Smithsonian and the U. of Fla. As a member of the Athletic Board Roy finds great satisfaction gained vicariously through the success of the M.U. athletic program. Jogging his memory, Roy recalls that he began running at Miami in 1938 and he has now worn out several hundred pairs of shoes and finally is finding that his legs are growing tired. He continues to enjoy cartooning wrapping-paper cards celebrating various birthdays and similar events for the other Shideler Hall characters.

Perry Stewart this year has generated a keen research interest in the Pleistocene stratigraphy of S.W. Ohio. He and his graduate students have identified the Sidney interstadial deposits and at least one Middle Wisconsinan till between Oxford and New Paris. Doty's Highbank, just north of Oxford, has proven to be a complete section of Wisconsinan stratigraphy. Perry gave a seminar on "Geology and Environmental Planning" at B.G.S.U. last October, as well as attended the N.C. sect. GSA in Ann Arbor on May 1 and 2 where he and Jim Oldfield gave a paper on "The Middle Wisconsinan of Southwestern Ohio". Perry, too, participated in the GLS-SEPM meeting at M.U. last October 1 and 2 and conducted the glacial geology field trip.

Dick Vian, we regret to report, finally could no longer resist the temptation to return to the "real world". He left the department at the end of the first semester to accept a position as geologist with the Anaconda Co. in Butte, Montana. His work will encompass both exploration and underground development. The departments' reaction is mixed: we're pleased at his new success (and we do compliment Anaconda) but we're equally concerned over the loss of a valued colleague. Dick has invited everyone who might sojourn to that part of Montana to be certain to "drop in"; the mines are deep!

Joe Marak reports that the disruption resulting from the Winter of '78 is reflected in the reduced numbers of visitors to the Geology Museum this past year. His records show only nine groups totaling less than 200 persons viewed our displays. The highlight of the year was in visiting with the amiable participants of the GLS-SEPM. Members found their way into the museum during the course of the meetings and were most informative and pleasant. Once again, MUGS was ever-present and willing to lend a hand this year. Joe is indebted to the following graduate students for special favors granted in the course of this year: Ned Timbel, Tom Laskowski, Steve Lovrak, Phil Molling, Clay Gardinier, Tom Lierman, Dave Murchison, Dave Soller, Karen Kessen, and Jan Spitzer. The following people generously donated specimens to the museum this year: Tony McAloon, Steve Sommer, Richard Langley, David Scotford, Larry Grubbs, Karen Kessen, and Rosaline Johnson. Several years ago, Miami University joined the Association of Systematic Collections. The Archeology, Zoology, Botany, and Paleontology Museum/Collections have since been involved with an inventory of collections, physical assets, and professional staffs (164,100 fossils in our collections). The apparent primary aim of the Association is to construct a registry of qualified professionals and facilities to provide services in making "Impact Studies" for government and industry. A secondary goal is to keep its members informed of an avalanche of new State and Federal regulations (a real headache for botanists and zoologists). Joe's interest was piqued when the last newsletter intimated that

Bob Schafer (A.B.'74; M.S.'76) is a Ph.D. student at the U. of Ariz. and is living at 1002 E. Lester, #3, Tucson 85719. That is, he's living there when he's not in Alaska working for U.S. Borax (summer '77), or visiting in Peru and Bolivia (Christmas vacation), or out in Colorado (summer '78). Having fun, Bob?

Jeff Schaumberg (A.B.'76). Jeff writes that he has moved to Columbus and now lives at 6681 Concourse Drive in that city. He was recently married to Wendy Donald and we wish them so much happiness. Jeff is currently working as a buyer for F & R Lazarus in downtown Columbus and is also head of one of the departments. Geologically speaking, he has been taking local trips for collecting purposes and has found some very nice sites for arrowheads.

Lowell Scheufler (A.B.'55; M.S.'57) has a new address: 65 Willow Drive, Springboro, Ohio 45066. We haven't heard recently but believe he is still a teacher of geology and geography at Sinclair Community College in Dayton, Ohio.

Nancy (Fischer) Scott (A.B.'77). Received a cheery rebuttal from Nancy to Kevin Shelton's (B.S. Min.'77) last comments about the East. She says he's dead wrong - the East IS so bad! Nancy's out in CA and loving where the beach, the mountains and the desert are all within a few hours drive. She went on to say that California is where it's at! The winters are great (when it's not raining), the freeway system is superb (except between the hours of 6:30 a.m. and 6:30 p.m.) and on a clear day you can see all the way across the street! Nancy was married last July to Ben Scott and is attending school at the U. of South. CA. They are living at 1441 S. Highland Ave., Apt. C, Fullerton, CA. Best wishes, Nancy.

Tom Shelt (A.B.'57). We have a recent change of address for Tom. He is at 2056 Fremont S.W., Massillon, Ohio 44646.

Kevin Shelton (A.B.'77; B.S. Min.'77). Kevin's area of interest at Yale is in stable isotopes of carbonates from rocks out of Naxos, Greece. For his doctoral dissertation he will be looking at field related igneous and isotope problems. He says that if anyone's near New Haven this summer, stop by.

Sheldon Shuff (M.S.'74). Sheldon's card just made it under the wire. He writes that he is an exploration geologist for Mesozoic trends of Miss., Ala. and Fla. for Tenneco Oil Co.'s Gulf Coast Div. in Houston. His home address is 5630-C Birchmont, Houston 77091.

Edward Sill (A.B.'36). We're not sure of anything but when someone changes his address to 275 Cactus Lane in Mt. Dora, Florida 32757 after living for years in Maryland, one suspects a retirement maybe. Let us hear from you, Ed.

Greg Smith (A.B.'77) did send in his card as we suggested last newsletter. (It is a good sign!) He writes that he is employed at ERD Core Lab. in Pearl, Miss. He is a hydrocarbon well log engineer, commonly known as a mudlogger. He says he works 100 hours a week with no time off. If he survives he hopes within the next year to be stationed off-shore on the east coast in mudlogging or core analysis. Address: Box 54057, Airways Inn, Jackson, Miss. 39208.

Jim Smith (M.S.'49) presented two papers at the Ind. Acad. Sci. in the fall of '77. He also has a column in the agricultural magazine, "Confinement", and is the owner of the remarkable Angus bull, Edward of Wye.

Stan Paxton (Grad. student '74-'76) has a new address: Box #201, Lemont, Penn., 16851. Stan is a Ph.D. candidate in geology at Penn State U.

Bill Peters (A.B.'42) writes that he has had a book published recently by John Wiley & Sons called "Mining and Exploration Geology". Congratulations! Bill is a Prof. of Mining and Geol. Engineering at the U. of Arizona and is also an associate with Pincock, Allen and Holt, consultants to the mining industry.

Perry Refolo (Grad. student '75-'77). Perry hopes to complete his Master's by the end of this summer. He lives at 164 Belford Ave. in Rutherford, New Jersey 07070. He has had real success with his art work - some has been published in "Fans of Central Jersey", a local comic "fanzine" and he has designed the cover for the Road Log of the N.J. Geo-Sci Teacher's Convention. As for the job hunting ... it goes on. Perry is also enjoying playing rugby for the Montclair Rugby Club.

Bob Renken (M.S.'76). We have a new address for Bob and Mary Ann in LA where Bob is with the U.S.G.S.- 1217 Aberdeen Dr., Apt. A, Harvey, La. 70058.

Richard Riordan (A.B.'51). Dick wrote in to let us know that he is now a senior geologist with U.S. Steel in Salt Lake City, Utah. Until last Jan. he had been working in the mid-west, principally the Illinois Basin, on deep coal deposits. Now he is heading U.S. Steel's exploration efforts for commercial thermal coal reserves in western U.S. Dick's new address is 2674 Robidony Road, Sandy, Utah 84070. Thanks for filling in that card, Dick.

Howard Ritzma (A.B.'47). Howard served as President of the Rocky Mountain Sect. A.A.P.G. when they held their highly successful section meeting in Salt Lake City, March '78. He commented that the work load was not light!

Bill Ross (A.B.His.'77) has a new address: 198 Wimbeldon Drive, Mansfield, Ohio 44906.

Ed Rothman (M.S.'78) is working for the Div. of Geol. Surv. in Columbus, Ohio. His home address is 631 D Meadow Green Circle, Gahanna, Ohio 43230. Let us know how you are, Ed, and congratulations on that Master's.

Bob Russell (A.B.'61; M.S.'65) has been promoted to Supervisor - Refractories of the Iron and Steelmaking Division of Republic Steel Corp. in Cleveland. He has two children, Jeanne (7) and David (5). We believe the home address is still the same: 5390 W. 229th Street, Fairview Park, Ohio 44126.

Suresh Sachdev (Ph.D.'74) has a new address: 100 Oxford Dr., Apt. 309, Monroeville, Pennsylvania 15146.

Marve Saines (M.S.'66). "Nicky" writes that he is still with Harza Engineering Co. in Chicago and is working as a hydrogeologist and engineering geologist. His latest project is in Jordan - a dam site on the Yarmuk River.

Dave Scanlon (M.S.'75) is still with Texaco Oil, New Orleans, but has a new home address: 1531 8th Street, 70115.

Tom Schack (A.B.'68) is living at 811 Green Valley Rd., N.W. Albuquerque, New Mexico 87107 but we have no other news. Send in your card, Tom.

some fossils fall under the protection of the "Endangered Species Act!"

A student reports that "corral built reefs". Comment: must have been used for seahorse herds.

S.G.E. NEWS

The Alpha Theta chapter began a prosperous 1977-78 school year with nine active members, including the newly elected officer: Ned Timbel, President; Jan Spitzer, Vice-President; Cathie Gardinier, Secretary-Treasurer; and Sue Meitzke, Corresponding Secretary-Historian.

The Fall Semester was highlighted by fund raising activities, including the production and sales of chocolate trilobites. At first, we had production difficulties until we finally got the "bugs" out. The end result was a tasty approach to the study of fossil arthropods.

In the Spring, SGE was active in the judging of the annual Science Day, held this year on the Oxford Campus of Miami University. A geologist's rock hammer was awarded to the student entering the most outstanding Earth Science project. SGE was also proud to present the second annual W. A. Tarr award to Sue Meitzke in honor of her outstanding achievements as a senior geology major.

On the lighter side, a canoe trip and picnic rounded out the spring time activities. Everyone attending had a nice time and no canoe mishaps were reported. Finally, SGE sponsored a banquet in May at Guy Welliver's, in Hagerstown, Indiana, with over thirty people attending.

The school year closed with the initiation of eleven new members and the election of new officers: Rick Boone, President; Jim Buschur, Vice-President; Kelly Carter, Secretary-Treasurer; Rick Fluegeman, Corresponding Secretary-Historian. We would like to wish our new members and officers a successful and prosperous year in 1978-79.

Glacial geology now has, through a student's eyes, "swill and swale topography". Comment: there's that dirty, old garbage again!

M.U.G.S. NEWS

MUGS sponsored a number of lectures, field trips and intramurals in 1977-78, with officers President Tony McAloon, Vice-President Craig Butler, Secretary Kathy Gardner and Treasurer Steve Dennis leading the way. Faculty lecturers included: Dr. Baldwin (Malaysia), Dr. Hickman (Greenland), Dr. Reinhart (Artifacts - a special meeting at his house), Dr. Bever (More Gems), Dr. Limper (Virgin Islands), Dr. Martin (Field Course, Dr. Scotford (Turkey and India) and Dr. Bever (Still More Gems). A student presentation on the field course and a field camp alumni slide party spiced up the prospective applicants' interest.

A variety of field trips included 'caving' at Buckness, 'mineral-collecting' at Corrydon, 'geoding' in Brown County, and a day at the Cincinnati Museum of Natural History, followed by lunch at the Rookwood Pottery. MUGS members helped out with the GLS-SEPM Annual Conference and field trip held in Oxford.

Outside activities helped create new friends within MUGS: the fall picnic, skating party, sledding party, a dinner at The Golden Lamb, volleyball, basketball, softball and meetings at Mac 'n' Joe's.

MUGS barely broke even selling geodes and minerals at the Spring Carnival, but under Joe Mauch's direction sold the assortment at a table at the RES for a profit. We'll probably forego the Carnival sales next year and concentrate instead on the RES arrangement. A revision of the constitution is planned as the new officers (Pres. Karen Johnson, V. Pres. Joe Mauch, Sec'y Lisa Hakkio and Treas. Bill Biehl) begin plans for next year.

In a laboratory list, a student identified one specimen as "a septagenarian nodule". Comment: rather young for a geologic crack-pot.

PH.D., MASTER'S AND BACHELOR'S DEGREES 1978

Master's

Chimney, Peter J., Dec., 1977
Gardinier, Clayton F., Dec., 1977
Glaser, Ann H.
Oldfield, James H., Aug., 1977
Rothman, Edward M.
Soller David

Bachelor's

Borchelt, Thomas R. (B.A.; B.S. "Min".)
Burdorf, Gregory J.
Buschur, James P., Dec., 1977
Butler, R. Craig
Ditzel, Krista D.
Gardner, Kathleen L.
Gruelle, Joel K.
Jackson, Richard L., Dec., 1977
Anthony J. McAloon
Meaney, Thomas A.
Meitzke, Sue E.
Paxson, Kevin B.
Sommer, Stephen D.
Watson, Becky A.

"Near Australia is a large choral reef." Comment: a soft rock singing group, no doubt.

"Quartz is made up of oxygen and silicone." Comment: there's a sort of cosmetic appeal to that combination.

SHIDELER FUND GOLD STAR

Thomas W. Ellison (M.U.'39) just made a most generous contribution of stock shares for the W. H. Shideler Fund. Your editor wishes to share this special news and make the suggestion that this can be another good method of contributing. All your contributions are deeply appreciated and you should know that the money is put to good educational use.

married this June 24th to Dixie Lea Dallas of Tulsa, His former company's name was bought out by National North America, a large independent oil and gas exploration firm, but his status in the company remained unchanged. We wish them much happiness at 106 C 31st St., Tulsa 74105.

Bill Miska (B.S.'58; M.S.'60), U.S. Bur. Mines, Ind., broke into the news last May in an article dealing with Indiana's discovery of some rich coal seams 1000 ft. below the surface. "That's piling it deeper in Indiana."

John Moore (A.B.'75) will graduate in June '79 with a Master of Divinity from Lutheran Theological Seminary in Columbus, and then will be ordained a pastor in the American Lutheran Church. His address: Apt. 223, 5303 Northfield Rd., Bedford Heights, Ohio 44146.

Richard Moore (A.B.'35). Our last newsletter was returned to us with the notation that he was deceased. We have no other word.

Doug Morell (B.S. Min.'73) is an environmentalist with PEDCo Environmental, Cincinnati. His new address is 104 Danbue Dr., Apt. D in Fairfield, Ohio.

Richard Morris (A.B.'41) sent in his new address but no other news this year: 4593 Interlaken, Richland, Michigan 49083.

Taki Negas (M.S.'63; Ph.D. Co-op. O.S.U. & Miami '66). Tyke writes that he presented a paper at a conference for High Temperature Refractories held in Odeillo, France, July '77. He also co-authored several papers at the Rare Earth Research Conference in October of that year. He is heavily involved in scanning electron microscopy (SEM) and energy dispersive analysis (EDX) at Nat. Bur. of Stan. where he is a research chemist.

Dave Nielsen (A.B.'74) received his M.S. from B.G.S.U., concentrating in Environmental Geology. He is currently employed by the Ohio Dept. of Nat. Res., Div. of Water Resource Analysis Sec. His job responsibilities include applying geological data for the OCAP (the Ohio Capability Analysis Program), which produces computer-generated resource maps for land-use planning. Three other M.U. grads also work for the ODNR - Doug (A.B.'74; M.S.'77) and Katie (Shafer) (Grad. student '75-'77) Crowell, and Michelle Risser (A.B.'74). Dave's address is 2047 Yorkhall Lane, Apt. B, in Columbus, Ohio 43229.

Bill North (A.B.'62). We received a nice note from Bill. After receiving his Master of Geology from Oregon State in '64 he served in Japan with the Dept. of Defense. He was then stationed in Hong Kong from 1975-77 for the State Department. He is currently with the State Dept. as Economic Trade Officer. His family includes his wife, Eleanor, son, Eric (13), and a daughter, Kristin (12). Their home address is 205 Tapawingo Road., S.W., Vienna, Virginia 22180. Bill is involved in lots of activities. He continues to be active in his church and loves to "carpenter" around the house. This year he plans to qualify for his scuba card. It was really good to hear from the North family.

Jim Oldfield (M.S.'77) and our own Dr. Stewart recently attended a meeting of the N.C. sect. of the G.S.A. in Ann Arbor and gave a report on the Pleistocene stratigraphy of the Oxford region. Jim and his wife, Jean, live at Apt. A, 3404 Harvard in Metairie, Louisiana 70002. Jim is a geologist with Chevron Oil Co. in New Orleans.

Kevin Paxson (A.B.'78) has a position with Dresser Ind., as a petroleum field engineer.

ALUMNI NEWS

he has taken a job with Rockwell Atomics International in Richland, WA. He is working as a near surface geophysicist and late Cenozoic geologic mapper. The project is concerned with finding a terminal storage site for radioactive wastes in the Columbia River basalts. Anyone from M.U. who is out in that area is encouraged, says John, to stop by and say "hi". His new home address in Richland is 1413 Jadwin Avenue, 99352.

Bob Lindner (A.B.'51; M.S.'52). We received a newsy note from Bob who told us his son, Bob, Jr., is planning to attend Miami this coming fall. He doesn't think he's planning to major in geology but vows he's still a good kid. Bob, his wife, Nancy, and daughter, Sally (14), will be keeping the home fires burning at 132 Fuller Lane, Winnetka, Ill., 60093. Sometimes those fires are really needed as the Lindners live only a block away from Lake Michigan and can often hear the waves breaking against the shore, not to mention feeling the wind from off the lake. Bob manages the stock portfolio for the Commonwealth Edison Service Annuity Fund, the pension fund for the electric utility that serves the city of Chicago.

Doug Lorenz (M.S.'71) is now with the Scientific Software Corp., 633 17th Street, in Denver 80202. We do not, however, have a home address for him.

Jeff Lynn (A.B.'73; M.S.'75). We received Jeff's card last year but somehow the news wasn't printed. He reported that he was married in July '76 to Cindy Tranter (M.U. girl). They have since bought a new home at 5963 Markridge Lane in Columbus, Ohio 43229. Jeff also has a new job with Mitchell Energy Corp. - Northeastern U.S. District as a staff geologist. Thanks for sending in another card, Jeff.

Herb Magley (B.S.'70). Jeff Lynn's card has Herb also working for Mitchell Energy Corp., but as their district geologist - Southeastern U.S. in Houston. The business address is 3900 One Shell Plaza 77002, but we don't have a home address listed for him.

Bob Maurer (A.B.'68; M.S.'74). We still have the Maurers living at 2306 Joel Wheaton Rd. in Houston 77077, but received word that he is an exploration geologist for Texas Gulf Coast, with the Anschutz Corp. Let us hear from you, Bob.

Willard McDaniel (A.B.'56; M.S.'57) received the Ph.D. degree from Texas A & M in Meteorology in 1967 and is now Chairman of the Dept. of Earth Sciences at E. Texas S. U., Commerce, Texas. This news is quite dated, however, (our fault) and we would like to have an update for the next newsletter, Bill.

Denis Meanor (A.B.'76). After graduation Denis went to flight training in Pensacola, Fla., for a year, then on to advanced navigator training in California. He received his wings there this May and is presently at VP-31 at Moffett Naval Air Station. He is planning, though, on being sent to his permanent Squadron (VP-17) at Barbers Point, Hawaii, where he'll be flying around the western Pacific for a few years. Denis' address after October '78 will be Lt. J. G. Denis Meanor, VP-17, F.P.O. San Francisco, CA 96601. Great to hear from you, Denis.

Donn Miller (A.B.'74) received the M.S. in hydrology at the U. of Nevada, Reno, in May '78. He will begin work as a hydrologist for S.E. & A. Engineers in Reno. Donn gave us this information personally as he was back for a brief visit in May. It was good to see him. His address in Reno: 311 Moran Street, c/o Flying D Ranch.

Jim Miller (M.S.'76) sent in his card with the news that he plans to be

Larry Acomb (B.S.E.Sci.'76) recently gave a talk on Stratigraphic Relations and Extent of Wisconsin's Lake Michigan Lobe Red Tills at the 12th annual meeting of the N.C. sect. G.S.A. in Ann Arbor. Several of our faculty also attended that meeting. Larry's address is 10627 Weil Road, Montgomery, Ohio 45242.

Linda (Sunkel) Aller (Glg major '73-'75) received her A.B. degree from Ohio State in August '77. She has recently taken a job as a soils and water resource specialist with the Ohio Dept. of Health. In her travels around Columbus she has run into Jeff Persons (A.B.'73) and Jeff Lynn (M.S.'75), who was working for an oil firm in Busch Plaza in northern Columbus. Linda's husband, Ken, is still working and going to school. They are living at 609 Northridge Road in Columbus.

Gerald Anderson (Instr., Glg '50-'52) has a new address: 2801 Marmon Drive, Midland, Texas 79701.

Lawrence Bell (A.B.'38) writes that he has retired with the rank of Brigadier General from the U.S.A.F. and is now in the engineering business in Phoenix, Arizona. (Larry received his M.S. engineering degree from the Colorado School of Mines in 1940). He and his wife, Marie, are living in Phoenix but unfortunately we don't have their new address yet.

Gary Bellert (Grad. student '74). Gary writes that he is employed as a hydrogeologist at Moody's of Dayton in Miamisburg, Ohio. As project coordinator of geotechnical instrumentation projects he is kept rather busy directing the installation of Casagrande and Pneumatic Piezometers, Well Points, and other types of instrumentation in earthen dams and bridge foundations for the Army Corps of Engineers and various state highway departments. He says that water well technology, drilling supervision, and pump technology are all areas of his concern. We were glad to hear from you, Gary, at 30 Maple Street, Springboro, Ohio 45066.

Al Bersticker (B.S.'56; M.S.'58) reports that he, Fran and their four children had a great time in Jackson Hole, Wyoming, over Christmas and New Year holidays. They skied the "big one" and found Wyoming as beautiful and exciting in winter as they had experienced it during other springs, summers, and falls. They hope to return this summer with intentions of buying a Teton Village condominium. Al says they will definitely stop by Timber Line Ranch. The Berstickers are still living at 29550 Edgedale Road, Pepper Pike, Ohio 44124.

Nick Beskid (M.S.'71) writes that his wife, Judy, is expecting their first child this November. They already have a nickname for it - T.D. (tax deduction!). Nick is still with Argonne National Lab concentrating in environmental impact assessment for nuclear power plants and uranium milling facilities. The address is 2612 Fairway Drive, Joliet, Illinois.

Edward Bigony (Ex.'62) has a new address: 2907 St. Andrews Drive in Findlay, Ohio 45840. Our records show that he is the Department Manager for Cooper Tire and Rubber Co., Findlay.

Raymond Blackhall (M.S.'74) has joined the Oil Development Co. of Texas (Houston) as exploration geologist and leader for south Louisiana exploration. He says he really likes Houston and stays in touch with most of the alumni group in that city. He promises to stop by the department

this year if he makes it up to Ohio. Raymond's address is 11430 Carvel Lane, Houston 77072.

Art Bloom (A.B.'50) writes that "THE BOOK IS OUT!" We're anxiously awaiting an autographed copy of the world's best geomorph text. Art has been in Korea with the U.S. AID program doing cooperative research on coastal geomorphology. His home address is 118 Judd Falls Road, Ithaca, New York.

Tom Borchelt (A.B.'78) will be a graduate assistant here in the department for the next academic year.

Kate Boulger (A.B.'75). For awhile Kate worked as a Soil Conservation Technician with the Soil Conservation Service in Santa Fe, N.M. However, during the past year she moved to San Francisco, CA 94122 at 121 Ortega Street (where she is presently) and took some classes at the Univ. of Calif. in Berkeley.

John Brand (A.B.'42; M.A.'47) received his Ph.D. from Texas back in '52. He reports that he still has one wife (Charlotte Venn, '43), one son, John Frederick (who recently returned from the Antarctic with Doc Wade's expedition) and one dog. He is still working in the Cretaceous of south-western Texas. Would like for Karl Limper to write some day. John is a Professor of Geosciences at Texas Tech Univ. in Lubbock, Texas, and resides in that city at 4315 44th Street, 79413. Great to hear from you, John.

Bill Brinker (A.B.'42) casually mentioned that his weight is still 164 3/4. Wants to know how Limper is doing??? (He should read the S.S. more carefully.)

Norman Bunting (Grad.student '72-'73) is now a private consultant in the Columbus area. His new address is: 2272 Fishinger Road, Columbus, Ohio 43221. Thanks for sending in the card, Norman.

Gregory Burgdorf (A.B.'78) has taken a job with Dresser Industries as a petroleum field engineer. This will have him in Bakersfield, CA, from June until August and then he will be in Houston while he trains from September through January. His home address: 10532 Margate Terrace, Cincinnati, Ohio 45241.

Craig Butler (A.B.'78) and son of Bob (A.B.'51; M.A.'54) will be a graduate student in Geology this fall at Indiana University in Bloomington; his parent's address in Indiana is 6410 No. 6, School Road in Evansville.

Joe Cathey (A.B.Geog.'72) (ex.'70) has a new address: 426-A Pueblo Street, Boise, Idaho 83702.

Mik E. Chester (A.B.'77) is a graduate student in Geology at the U. of Toledo and we enjoy his quick visits from time to time.

Mark Crawford (B.S.E.Sci.'74; M.S.'77) is still with Texaco in Houston, but has been assigned to exploration, East Texas Embayment. His wife, Ann, is expecting their first child in September.

Bruce Creger (Grad.student '69-'71). New is the word for Bruce these days. After receiving his M.S. degree from the U. of Houston in December '77, he took his new position with Tenneco Oil Co. there as an exploration geologist. He and his wife, Patti, have purchased a new home and are expecting their first child. Good luck, Cregers, and please send us your new address.

daughter, Clare, is 3 years old. Terry says he finds his work for Davis Oil Co., New Orleans, enjoyable and very stimulating. The Kramers' address is 2025 Generes, Harahan, Louisiana 70123.

Ken Krivanek (B.S.'72) is still at S. Ill. U. in Carbondale, working on his M.S. in Engineering. He hopes to begin work toward a Ph.D. at the U. of Wash., Pullman, or at Col. State by next January. His area of concentration will be in water pollution associated with strip mining and possible reclamation techniques. He is also planning to be married very soon and we wish them all the very best. Until we receive a more permanent address Ken's mail should reach him at his parents' home: 5820 Graydon Drive, Cleveland, Ohio 44131.

Bob Kuryvial (M.S.'69; Ph.D. Co-op O.S.U. & Miami '71). Bob was one of our unknowns until we noticed in a flyer (clastic petrologists were wanted) that all resumes should be sent to Robert Kuryvial, Cities Service Co., Exploration and Production Research Laboratory, P.O. Box 50408, Tulsa. See what sharp little eyes we have?

Penny Lace (A.B.'76) has a new address: 8311 Kenwood Road, Cincinnati, Ohio 45236. We don't have any other news at this time, however.

Richard Langley (B.S. Chem.'71; B.S. Min.'73; M.S. Chem.'74). Richard is doing post-doctorate work at Arizona State U. in Tempe, not at the U. of Arizona, as we reported in the last Shibboleth. He received his doctorate in Chemistry from the University of Nebraska in 1977. Come by and see us again, Richard.

Gerry Lee (M.S.'74) is still with Exxon but has been transferred as senior geologist to Corpus Christi in the Exploration Dept. While in Houston he was assigned for several months on the "Alaskan Star" which was drilling in the Gulf of Alaska. His new address: 3514 Xanadu, Corpus Christi.

Dan Leedy (A.B.'34; B.S.'35) is retired from the U.S. Dept. of the Interior and now serves as Research Director, Urban Wildlife Research Center in Ellicott City, Maryland. He would like for the Shibboleth to clue him in on 1933 to 1935 graduates who majored in Geology. How about it, alums? We need your help to do that. Dan's home address is 10707 Lockridge Drive in Silver Spring, Maryland 20901.

Betsy (Daugherty) Lengyel (A.B.'66) has a new address but we have no other information: 456 Steeple Chase Lane :F:, Bridgewater, New Jersey 08807. Come on with some news.

Larry Levy (A.B.'73) received the Master of Geosciences from the U. of Texas at Dallas in 1977. His 1st child, Samuel Michael, was born on October 18, 1977, and Larry is now employed with Sohio Petroleum Corp., the exploration branch of Standard Oil of Ohio. His home address is 1215 Kenforest Drive, Missouri City, Texas 77459.

Tom Lierman has a fellowship at George Washington U. for the next academic year. Tom needs only the finishing touches on his thesis for his Master's from Miami.

Leo Lightner (A.B.'57). We received word last August that Leo is now chief statistician for the Technical Center of Ferro Corp. in Cleveland. His address: 15645 Normandy, Cleveland, Ohio 44111.

John Lillie (A.B.'72) writes that he has received his M.S. from Wright State in June '77. After spending the summer out west visiting friends

as senior exploration advisor for Mobil Oil involves him with worldwide business trips. Last year he traveled to Europe, the Middle East, Africa and southeastern Asia. We have no home address, but his business one is Mobil Oil Corp., 150 East 42nd Street, New York, N.Y. 10017.

Bob Jones (A.B.'38). A card from Bob let us know that as of January 1 this year he was officially retired from the Leffingwell Chemical Co. He was formerly their area manager. Hope things go well for him. His address is 611 S. 24th Avenue in Yakima, Washington 98901.

Tom Jones (Ph.D.'76) is Chairman of the Div. of Engineering Technologies and Associate Professor of Mining Engineering Technology at West Va. Tech in Fayetteville. He, Joyce, and their two sons, Matt and Mike (4/12/77), are enjoying their new home built on a 2½ acre tract of wooded land. His new position involves a lot of administrative duties but he still finds time to teach courses in soil geology, engineering geology and rock mechanics as well as to do some consulting. His address: 114 Park Drive, Fayetteville 25840. Tom says to tell Doug Rich (M.S.'74) that he finally broke down and bought a Jeep!

Ted Keeling (A.B.Zoo.'75). The most exciting news from Ted is that he will be appearing in the movie, "The Double McGuffin", starring Ernest Borgnine, Elke Sommer and George Kennedy, to be released in August '78. He didn't give any particulars but we gather he must have gotten a part as an extra when the movie was made in Columbia, South Carolina. Ted is at the university there working on his Master's in coal geology which he expects to have by now (May '78). After graduation he will have a position with Consolidated Coal Co. We have no home address for Ted but his family lives at 3480 Cooper Road in Cincinnati, Ohio 45242.

Karen Kessen (A.B.'75). Karen has left for Tyler, Texas, to be a field engineer with Dresser Atlas. She only needs to finish her thesis for the M.S. from Miami. Her address is 4600 Paluxy Dr., #2040, 75703. We wish her the very best. Hopefully we will get to see her from time to time as Karen is a hometown girl.

Mark Kochan (A.B.'77) writes that he is working for Imco Services as a command engineer on their oil rigs. He plans to work offshore in Baha, Calif., and in the Yucatan. Mark has been to Salt Lake City and spent last winter traveling in Mexico. Did a lot of collecting there. He is now residing at 4203 Castledale in Houston, Texas 77093. Mark tries to work only ½ of the year so he says chances are good that he's home for visitors! He wants to hear from sweet Sue Meitzke (A.B.'78) and wonders where in the world Mik Chester (A.B.'77) is.

David Kotila (M.S.'64) received the Ph.D. degree in 1973 from the U. of Oklahoma. He has been teaching at the U. of Texas at Arlington where he received the "Outstanding Science Teacher of the Year" award recently. His wife, Nancy Lee, just completed her M.S. in geology at the same university and plans to work with Enserch Exploration Co. in Dallas. Dave also has a new position, as senior geologist, with Core Lab, Inc., of Dallas, Texas, beginning in August '78. The Kotilas are still at 405 Grants Parkway in Arlington, Texas 76014.

Ray Kozusko (Grad. student '64-65) has a new address: #9620 Kiowa Court, Spokane, Washington 99208, but no other news this year.

Terry Kramer (B.S.E.Sci.'70; M.S.'72) writes that he has completed his course work toward the Ph.D. at Tulane and is beginning work on the dissertation. He and his wife, Sandy, are expecting a child soon. Their

John Curtis (A.B.'70; M.S.'72). John and Barbara Ann are proud parents of Stephen Blair Curtis (11/11/77). They have moved to Morgantown, W. Va, where John is a staff scientist for Science Applications, Inc. We're glad they are close by and hope they can find the time to drop by the next time they are near Oxford. Their address is 817 Willowdale Road, 26505.

Scott Dailey (A.B.'77). Scott has been working with the Ohio Dept. of Natural Resources (Div. of Geol. Surv.) on updating old oil and gas well maps. This data will be used to make new maps as well as to predict potential concentrations of gas outside developed fields. This work is being supported by the Energy Research and Development Administration. Scott plans a wedding to Laura Barto, a M.U. Sociology graduate. We wish them the very best. The latest address for Scott is 4889 Kingshill Drive, 209-D, Columbus, Ohio 43229.

Phil Davis (M.S.'74) gave a paper on part of his Ph.D. dissertation (U.K.'77) at the S.E. sect. G.S.A. Says he didn't see anyone from Miami but hopes to have better luck at Toronto in the Fall. His current project at the U. Cal., San Diego, is formulation of elemental maps of the Moon from data acquired during Apollo 15 and 16. But he is keeping one of his feet on Earth with a trace element study of the effects of spilitization where contacts of spilite-epidotite can be sectioned and analyzed for trace element trends. Phil's current address is Dept. of Chemistry, UCSD, La Jolla, California 92093.

Dave Delo (A.B.'26) plans to travel to Sicily and Greece this year. Dave is now President-Emeritus at the U. of Tampa. Since the Fall of '74, however, he has been Dean of Student Affairs (part-time position) at the U. of Sarasota, an innovative graduate school - the average student there is 45 years old! By the way, Dave's address is still the same; 2408 Beach Trail, Indian Rocks Beach, Florida 33535.

Bob Dettnerman (A.B.41) is project chief for Alaska Mineral Resource Assessment Program on the Alaska Peninsula, which also involves the depositional environment of the Sadlerochit Group (Permian-Triassic) of northern Alaska - the oil producing horizon at Prudhoe Bay. Bob, who has been with the U.S.G.S. for 30 years, and his wife, Janis (also a geologist with the Survey) live at 1725 Chitamook Court, Sunnyvale, CA 94087.

Mike DeWine (B.S.'66-E.Sci.; M.Ed.'69-Sci. Curriculum Ed.). We have a new address for the DeWines: 8 York Drive, Athens, Ohio 45701, but no other news this year.

George Distler (M.S.'67; Ph.D.'72). We believe George is still with Texaco, but has transferred to Midland, Texas 79701. Send us your new home address, George.

Thomas Ellison (A.B.'39) was on campus recently attending the Alumni weekend festivities and dropped by the Geology Department. It was good to see him again. He is President of the Philpott Rubber Co. in Cleveland and his home address is 110 Murwood Drive, Chagrin Falls, Ohio 44022.

Peg (Svenson) Faithful (B.S.'71). Peg writes that she has been a programmer for the National Bank of Alaska since May '75. Her address is 826 Karluk, Anchorage, Alaska 99501. She has been in Alaska for about four years and likes it more each year. She is learning mountain climbing, downhill and cross-country skiing, and has done some running. She mentions that if anyone would care to experience a balmy winter for a change, come on up to Anchorage - they enjoy visitors!

Ken Fetzer (A.B.'53; M.S.'54) is Vice-President in charge of exploration for Centura Inc., in Corpus Christi. Until a recent '77 graduate, Richard Jackson, showed up Jim Knupke (A.B.'52; M.S.'53) and Ken were the only Miami representatives there. Ken writes that if anyone knows of any good oil and gas deals, to send them his way. His address is P.O. Drawer 521, Corpus Christi, Texas 78403.

Howard Fischer (M.S.'75) last year received a Penrose Grant from G.S.A. in support of his field work which should be finished by the end of the summer if all goes well. Howard's interest is in Cambrian carbonates in northeastern Washington and northern Idaho. He and Susie are still at 118 S. Hayes, #1, in Moscow, Idaho 83843 - they think it's a great town.

Steward Flaschen (M.A.'48). We believe Steward is still with I.T.T. Co. as a Corporate Vice-President, but we have received a new address for the family: 592 Weed Street, New Canaan, Connecticut 06840.

Gene Frazier (A.B.'57) writes that after 6 years of working with the camping program for the United Methodist Church in Michigan, he is returning to the builder's hardware field and relocating in Arizona. Gene has 2 children entering college this year and that leaves 3 at home. As of June 1, 1978, the Frazier's new address in Arizona is 8543 E. Fairmont, Scottsdale, 85251.

Pete Fricker (Grad. student '77-78) joined the U.S. Army in February and is in Officer Candidate School in Fort Benning, Georgia. His home address is 16 Briarwood Lane, Stamford, Connecticut 06903.

Mark Frye (A.B.'76). From Mark we received the great news of his grant which will enable him to study in Sweden. It will be a Swedish Government Grant/Fulbright-Hays Travel Grant and will be for the academic year 1978-79. He writes that he now has no choice but to complete that thesis (for Ohio State) by June!

Cathie (Stumpenhous) Gardinier (M.S.'76) has been an instructor in the Earth Science Dept. at Central State U. for the past year. We understand she was the Geology Dept. up there. Her husband, Clayton, a Ph.D. candidate in Geology at M.U. recently went on a field trip to Scotland with Drs. Scotford, Bever and Grant, and several other Ph.D. students from the department. (See news item elsewhere in the Shibboleth) The Gardinier's new address is 715 S. Locust, #8, Oxford.

Kathy Gardner (A.B.'78) plans to work at Acadia National Park for the summer. Her home address is 620 Rockhill Avenue in Kettering, Ohio 45429. Let us hear from you, Kathy.

Ann Glaser (M.S.'78). Ann writes that she is now a field engineer with Dresser Atlas in Lake Charles, Louisiana 70602. This summer she has been on a training mission to Houston for them but will be returning to Lake Charles in August. Until she is relocated in a new apartment mail can reach her at her business address with Dresser, P.O. Box 1089 in Lake Charles. It was a pleasure to see her last March when she returned to Oxford for a visit.

Linda (Bell) Gorman (B.S.'66; M.Ed.'70) dropped in very recently to say "hello" and found hardly anyone in! It seems that practically everyone was on vacation at the time. Try us again, Linda. She and her husband, Jim, have three children: Julie Lynn (8/6/71), Timothy James (5/19/75), and Thomas Matthew (8/9/77). The family resides at 5396 Orchard Street in Orange Park, Florida 32073.

Joe Haverfield (A.B.'47; M.S.'49) for the last two years has been a partner in a consulting firm, Petroleum Supervision and Management, Inc., in Casper, Wyoming. Both he and his wife, Mildred, love Casper so much they have decided to settle there. Their address: 1361 Ivy Lane, 82601.

John Hefner (A.B.'51). John reports that after 12 years in Exxon's exploration department he is now doing geological data processing in the production dept. This involves computer modeling of fields from Prudhoe Bay to Jay Field, Fla. Before millions are spent for a development well, John "drills" the model first, complete with simulated logs and core analyses. He has had pretty good results when the actual well is drilled and then compared with the model well. John has also been recently elected as Treasurer of the Houston Geological Society for 1978-79.

Leonard Hemke (A.B.'55). We have a new home address for Leonard: 5 Camellia Pkwy., DeBary, Florida 32713, but no other information. How about some news?

Joe Herbert (A.B.'68). We received a humorous card from Joe recently. Evidently his experience with "fossil" petroleum was interesting and instructive, but he stated that everyone became rich but him. He was happy, though, to report that he didn't have to go to jail or South America! Thank goodness, he says, that his new company, Pominox Inc. of Columbus, Ohio, is quite stable. He is finding his petroleum engineering duties to be at odds with his rather non-technical efforts while an undergrad; but says he guesses everyone has to grow up sometime. Joe's address is 1373-C Brookeville Avenue, Columbus 43229.

Steve Hess (B.S.E.Sci.'71). Steve reports that he has turned into a sports nut. He coaches the football team and the girl's basketball team at his school in Middletown, Ohio, where he teaches Earth Science. His address is 2204 Erie Avenue, Middletown 45042.

Jim Higgins (B.S.'43). We received a card from Jim in which he reported that he retired in '77 from Standard Oil Co. of California after 20 years of geological and geophysical exploration and research. With his wife, Delores, (M.U. grad. of '43) he now resides in the foothills of the Sierra Nevada Mts. within a few minutes drive of the site of Sutter's Mill. He said he was glad to receive the Shibboleth and to read of his old friends, Limper, Reinhart, Scotford and Wade. The Higgins' address is 12225 Lake Shore Drive, S., Lake of the Pines, Auburn, CA 95603.

Hugh Hildebrant (B.S.'56) has recently become associated with the Belmonte Park Laboratories of Dayton, Ohio, as Vice-President and technical director of their industrial division. Hugh's address in Dayton is still the same, 4560 Penhurst Place 45424.

Ron Hood (A.B.'69). We have a new address for Ron: Box 382, Connersville, Indiana 47331, but no other information at this time.

Gale Jenkins (M.S.'77) has a new address in New Orleans where he is a geologist for Texaco Inc., S.E.U.S. Offshore Div.: 1205 St. Charles Ave., Apt. 515, 70130. With a 5:30 a.m. wake-up time he bemoans the fact that by the time he gets back from work, fixes dinner, makes the next day's lunch, washes dishes, and reads the evening paper it's time for bed. (Maybe you need a wife, Gale.) Anyway he writes that he sees lots of Miami people - Jim and Jean Oldfield, Mark Sunwall, Ron and Margaret Spraitzar, and Bob and Mary Ann Renken.

Glen Johnson (A.B.'48). It was good to hear from Glen. His position