

The Department of Geology University of Kentucky

The Round Up (1972)



Survivors of the move

COVER PHOTO--

Row 1: left to right

Mary Bryant, Ina Estepp, Vivian Hall, Janet Ehrmantraut, Joyce Green

Row 2: left to right

Bruce Moore, W. R. Brown, T. G. Roberts, I. S. Fisher, W. H. Dennen

Row 3: left to right

John Thrailkill, Lois Campbell, W. C. MacQuown, V. E. Nelson, E. J. Lyons,
W. H. Blackburn

Missing from picture: Jack Wills

NEWS ("BELIEVE IT OR NOT") FROM BOWMAN HALL

The last Round-Up announced the possibility of moving out of Miller Hall but we didn't want to make too firm a statement until it had actually come to pass. Here we are in Bowman Hall on Washington Street. The move stretched out over a good bit of the Fall Semester and there are still a few things to do before we can say we are completely settled in. Another unbelievable item at least to some of you is that in August the Geology Annex was razed. Millions of termites lost their home and meal tickets.

The library now has adequate space but this condition probably won't last too long unless someone declares a moratorium on publication of geological literature. We all kept our fingers crossed in an attempt to hex the possibility of a fire in Miller Hall before the collections could be moved out between semesters.

Much of our research activity goes on in the Cabot Lab in the basement of Kastle Hall and in the relatively new research surge building called Research Facility #1 which is located on Washington Street just a few steps away from Bowman. We think it is time you made a visit to the campus to see all this change first hand. The welcome mat is out.

David M. Young 1907-1972

It is with sadness that we report the death of David M. Young on September 9, 1972 at St. Paul, Virginia. Dave received both his bachelors and masters degrees in this department. At the completion of his studies in 1933 he continued as a teacher in the department until 1945 when he left to join the Kentucky-West Virginia Gas Company and later the Clinchfield Coal Company. Many of you will no doubt remember the excellent museum Dave assembled and maintained on the top floor of the Administration Building. He also initiated the Round-Up and looked after its distribution during his tenure in the department. We extend our sympathy to the Young family.

Staff Changes

Two of our last year's staff have made changes. Dr. Indra Gupta who served as visiting professor of geophysics has taken a position with the University of Nevada. Dr. John Cutler, assistant professor for the past year, submitted his resignation in the spring and has entered into private business.

Professor Dennen has relinquished his duties as Acting Dean of the Graduate School and has returned to full time duties in the department as Chairman and Professor.

Professor Robert Osborne from the University of Southern California is spending his sabbatical year with us. He will be conducting research with Bill MacQuown dealing with the history of deposition of the Lexington Limestone relative to the Cincinnati Arch in Kentucky and Tennessee. In the spring semester Dr. Osborne will be a visiting professor on our staff.

Denver AAPG Meeting

We were able to round up a nice group at the alumni cocktail party at the Denver AAPG meeting in April. The following put in an appearance and exchanged banter covering old profs, classmates, and what have you: Earl Boone, Lois Campbell, Don Canada, Louis Ford, Russ Ford, Ralph Freeman, Dick Hicklin, George Hine, Bill Kalil,

J. O. Lewis, Bill Macke, Vin Nelson, George Prichard, Ed Ray, Bill Stoeckinger, Don Townsend, and Harvey Young. Anyone for Anaheim in May?

Visiting Speakers Program

Our visiting speakers program continued last year and we are currently making up this year's speaker list. Our speakers last year were as follows: Prof. C. D. Thornton from Pennsylvania State Univ.; Prof. Paul Ragland, Univ. of North Carolina; Prof. Timothy Chowns, Univ. of Georgia; Prof. Leonard Larson, Univ. of Cincinnati; Prof. David Roy, Boston College; Prof. A. L. Reesman, Vanderbilt Univ.; Prof. Charles Ritter, Dayton Univ. The department also hosted a seminar on April 15. The subject was "New Concepts on Sedimentation". Participants were Prof. John Ferm, Univ. of South Carolina; Prof. Gerald Friedman, Rensselaer Polytechnic Inst.; Prof. Paul Potter, Univ. of Cincinnati. Over 100 persons participated in the seminar. We are planning a second affair of the same sort early in the second semester and plan to send all of you announcements in hopes that some of you might find it possible to attend. We would like to show you our "new" facilities and renew acquaintances.

Department Gifts

George Pirtle has established a new graduate fellowship in the department. It provides financial assistance to a student with no obligation of duties to the department. The first recipient of the award is Fred Norton who is starting his third year of graduate work toward the Ph.D. degree. Norton has a bachelor of science degree from Oregon State University. We are most grateful to Mr. Pirtle for this generous award and his continuing interest in geological education at the University of Kentucky.

We are pleased to announce the receipt of a precession camera for use in the crystallographic laboratory as well as a complete set of the back issues of Crystallographica Acta as an addition to the library. Both of these items have come to us from Professor Martin Buerger, Professor Emeritus of M.I.T. and currently at the University of Connecticut.

Gene Rubarts has sent us a number of cores and thin sections from west Texas limestones which Bill MacQuown is finding useful in his carbonate petrology laboratory. Bill would appreciate additional specimens from other localities and other parts of the stratigraphic section.

We wouldn't want to miss an opportunity to remind you of our McFarlan Fund to which several of you have made contributions. This relatively small sum of money has already done much to aid worthy and needy students with research projects, field expenses and general enrichment of their educational programs. Money in this fund is pretty much spent as it is received so that your contribution gets put to good use practically immediately. Students are aware of the source of these funds and we expect that some day when they are in somewhat better financial circumstances they will repay in kind for the benefit of others. A little money of this sort makes a real contribution to quality education. It's easy to help. Just send your contribution to U.K., designated McFarlan Fund.

Graduate Program

Our current enrollment in the graduate program is 25. Five of these are part-time. Seven are Ph.D. candidates. Eleven hold teaching assistantships and five are serving as research assistants.

Dr. Wallace Hagan, Director of the Kentucky Geological Survey, has announced a new research assistantship sponsored by that agency. This fall the assistantship has been given to Leonardo Elizalde of Quito, Ecuador. Elizalde began graduate work with us in January of this year.

Awards Luncheon

At our annual awards luncheon in May, Kim Kearby received the Daniel Jones prize for the best MS thesis dealing with Kentucky geology. John Hopkins, a senior, received the Chevron award and Fred Norton the Pirtle Fellowship. Announcement was also made of an institutional (U.K.) graduate fellowship to Dennis Coskren.

Field Trips

For the past four years the department has conducted an annual field trip of three or four days which has also included people from Eastern Kentucky University. Our trip a year ago, which was led by Don Haney, found us in the east Tennessee folded belt and this year's trip involved glacial features of southeastern Indiana and fluvial features on the Ohio and Kentucky rivers. Three houseboats were rented for transportation for the river portion of the trip. Lois Campbell led the group on the glacial geology portion of the trip and Bruce Moore demonstrated procedures for river bottom and bank sampling, current measurements, etc.

During last spring break, Bill MacQuown, Tom Roberts, and Bud Fisher were accompanied by several students to the Florida Keys (they say) to study recent carbonates in the reef tract, back reef and Florida Bay. Some thought is being given to making this an annual event.

New Department Equipment

We have acquired some new equipment, the like of which we are not accustomed to receiving at regular intervals and thus bears special mention.

This past spring, Bruce Moore was able to purchase through research grant money a nineteen-foot launch for use in sedimentation and erosional studies on the Ohio and Kentucky rivers. It has been appropriately christened the Platypus. We also have acquired five new International Travelall vehicles to be used for field transportation.

Miscellaneous News from the Staff

Bill Blackburn has managed a host of activities during the year. In the spring he served on the American Geophysical Union visiting speakers program at several California universities. In June he took off for Venezuela to teach a graduate course in theoretical geochemistry at Universidad Central de Venezuela. Middle August found him in the Canadian Arctic on the International Geological Congress field trip studying the Muscox intrusive and then on to Montreal to the Congress. In between times, he managed to set up a new laboratory for experimental mineralogy and petrology in space provided in the surge research facility on Washington Street.

Bill Brown has kept busy during the year. As the department director of graduate studies he is permitted to shuffle quite a stack of papers. Bill spent some time in the summer of 71 in Puerto Rico and Venezuela attending the Caribbean Geological Congress and collecting eclogites. The early part of this summer he and his family were touring about England, Spain, France, Italy and Switzerland. Nice work if you can get it. On his return Bill participated as a panel speaker at the G.S.A. Penrose

Conference dealing with the Piedmont at Fredrick, Maryland. He followed this up with some field work in the Virginia Piedmont.

Lois Campbell was another of our European travelers this past summer. In mid-July she was off for a month's stay in Greece. In Athens she visited with Mrs. Georgides (Lily) who some of you may remember as our librarian in 1962-63. Lois reports spending a week driving through the Peloponnese where she got the impression that it is mostly limestone which behaves the way no limestone should. She couldn't find the bedding. Lois and Bill Dennen are team teaching in the Environmental course. They are trying to give the students an understanding of the geologic factors involved in land use problems and to introduce them to the process of decision making in environmental problems. If any of you have knowledge of nice case histories that might be applicable in the course they would like to hear from you.

Bill Dennen spent some time again this past summer in New England mapping geology for the U.S.G.S. This fall he is initiating studies on trace elements in coal.

Bill MacQuown was elected President of the Geological Society of Kentucky for the current year. He tells us that the annual spring trip will be held in eastern Kentucky examining the carboniferous areas which illustrate the delta model proposed by the leaders, John Ferm and Pete Whaley. Bill says, "You all come." He and Bill Dennen are supervising the seminar class this year which has as its theme, "Economics of Geology". They are tapping speakers from industry and the surveys staffs to enrich the program.

Vin Nelson put in his summer on Cement Creek. Camp operated about as usual except that the bridge in camp collapsed under the weight of camp equipment and the Crested Butte Freight Line truck. However, the bridge was repaired in a matter of three days and is supposed to be good for another 10 years of service. As usual, someone from past years strolled into camp. We were surprised to see Don Heflin (anyone remember the Raven) and A. L. Brown. The camp was blessed with good fishermen resulting in a couple of big fish fries.

Tom Roberts returned from Ecuador in late summer last year in time for the annual gathering of SGE for initiation and the rest at this home.

John Thrailkill joined the ranks of U.S. tourists in Europe this past summer. He visited geochemical labs and gave talks at Oxford, Bristol, Devon, and southern France. Yugoslavia and its karst drew him across the Iron Curtain. After returning he devoted a good deal of his time to organizing a new laboratory for our elementary sequence. We have a different procedure for the elementary laboratory. They are unscheduled, enabling a student to do laboratory assignments at any time during the 55 hours per week that the laboratory is kept open. Graduate teaching assistants are on duty during all open hours.

We have the following from our Librarian.

Planning a visit to the University of Kentucky campus at Lexington? Make a point of seeing the new Patterson Office Tower, Blanding Tower, Kirwan Tower, White Classroom Building, and be sure to see Bowman Hall. Bowman houses the Geology Department and the Geology Library. After being housed for 49 years in Miller Hall the Library moved to Bowman Hall during December 1971. On January 17, 1972, the library opened its doors for service in the new location on the first floor. Housed in antiquated Miller since 1923, the collection has grown from 200 books to 25,000 volumes and 58,000 maps.

Boasting the finest collection of its kind in the state and region and one of the finest in the country, the Geology Library serves as a resource center for geologists, engineers and scientists throughout the Commonwealth and the Southeast. One of its unique features is an index catalog to Kentucky maps which lists all Kentucky maps by geographic area, natural resource and issuing agency.

Humid, uncooled air and high shelving were among the inconveniences associated with Miller Hall. The necessity of climbing the 12-foot sliding ladder to reach a needed volume and suffering from the heat while viewing an interesting map were considered normal for Miller Hall.

The new surroundings on the first floor of Bowman Hall afford easy reach of any title needed or study of a map in comfort, winter or summer.

We feel the library will give better service in the newly painted, adequately lighted and renovated facilities in Bowman Hall. Although we don't have more square footage than we did in Miller Hall, the layout here is 100 percent better. Even more important, the collection is in a safer building.

In addition to being a structurally sounder building, Bowman Hall is also air-conditioned. Heat and light can have a most harmful effect on paper. Proper temperature control should insure the preservation of one of the University's unique collections.

Interlibrary loan service may be obtained from this collection at any time ----- or why not come to see us.