

NEWS and Notes

Arthur F. Hagner, associate professor of geology, University of Wyoming, and assistant state geologist of Wyoming, will join the staff of the University of Illinois in September as associate professor of geology, filling the position in economic geology left vacant by the death of T. T. Quirke. Prof. Hagner has been on leave from Wyoming for the past year as research associate at the University of Chicago.

Leonard Karel, formerly acting chief, Toxicology Section, Army Chemical Center, Maryland, was recently appointed executive assistant to the Antibiotics and Pharmacology Study Sections, working in cooperation with the Division of Research Grants and Fellowships of the National Institute of Health. Dr. Karel is also on the staff of the University of Maryland School of Medicine as lecturer in pharmacology.

Kenneth N. Campbell, assistant professor of surgery, University of Michigan, has been appointed associate surgeon at the Alexander Blain Hospital, Detroit. Dr. Campbell has been conducting research on tetraethyl ammonium chloride in vascular disease.

Richard B. Bernstein, who will receive his Ph.D. from Columbia University this month, and **Eugene Lieber**, a senior research chemist at Armour and Company, have been appointed assistant professors of chemistry at Illinois Institute of Technology, effective September 1.

Malcolm F. Smiley, of Northwestern University, has been appointed professor of mathematics at the State University of Iowa. From 1938 to 1942 Dr. Smiley was on the faculty of Lehigh University, and from 1942 to 1946 he served as a lieutenant in the U. S. Navy at Annapolis.

James H. Birnie has been appointed assistant professor of zoology at Syracuse University. He has been

working for the past year as a research associate at Syracuse while on leave of absence from his former post as head of the Department of Biology at the Agricultural and Mechanical College, Orangeburg, South Carolina.

Howard M. Phillips, professor of biology at Emory University, has been named chairman of the Department of Biology at that institution.

Grants and Awards

Carleton A. Chapman, of the Department of Geology, University of Illinois, has received a research grant from the University's Research Fund for continuation and extension of his field studies in the Claremont and Sunapee quadrangles of western New Hampshire. The stratigraphy, structure, and metamorphism of the Paleozoic sedimentary and volcanic rocks, and the granite tectonics involved in the formation of certain large intensives of probable late Devonian age, will be studied. Assisting Prof. Chapman in the field will be James H. Fisher, Haydn H. Murray, and Robert R. Shaver, graduate students in the department.

The University of Utah Medical School has received the sum of \$416,404 from the National Cancer Institute for the construction of a cancer research institute.

The Woman's Medical College, Philadelphia, has recently announced the receipt of two grants. The U. S. Public Health Service, National Cancer Institute, has provided \$24,958 in support of a cancer teaching project under the direction of Isabella H. Perry, who will be on leave for one year from the University of California Medical School, where she is assistant professor of pathology. Lloyd D. Seager, professor of pharmacology and toxicology, has received \$1,000 from the Abbott Laboratories for the continuation of a study of synergisms of chemotherapeutic agents in sleeping sickness. The College has also received a valuable gift of micro camera equipment from the Alpha Penn Link #23 (Order of the Golden Chain) for use in its cancer research work.

The Royal Society of Edinburgh has awarded the Neill Prize for 1945-47 to Robert Broom, famous South African paleontologist, for his contribution to scientific knowledge by his study of the fossil vertebrates of the Karoo Beds. Dr. Broom, known for his discoveries of "missing link" fossils at Sterkfontein, is the author of over 350 papers dealing chiefly with comparative anatomy and paleontology.

The president of the Chicago Technical Societies Council, Gustav Egloff, has just announced that the Council has named Wilfred Sykes, president of Inland Steel Company, to receive the 1948 Award of Merit. The Council's award is presented annually to the citizen in the environs of Chicago who has contributed most importantly toward "cultivation of greater appreciation by the public of the part which technology, engineering, and science have played in human welfare." Dr. Sykes, an electrical engineer and a native of New Zealand, has played an active part in professional societies, educational institutions, and manufacturers' groups.

Saul Winstein, professor of chemistry, University of California, Los Angeles, is the recipient of the 1948 \$1,000 prize of the American Chemical Society. The award is made annually to a North American chemist under 35 years of age who has made an outstanding contribution to chemical research. The award was based on a series of investigations by Dr. Winstein concerning the mechanisms by which atoms move in and out of molecules during chemical processes whereby new substances are being created.

Colleges and Universities

Plans are being made at Harvard Medical School for a two-week period of demonstrations, laboratory exercises, and discussions designed to cover techniques and interpretations of recent work in the field of the pleuropneumonia-like organisms and the so-called "L forms" of bacteria. Emphasis will be placed on the possible pathogenic aspects of these organisms in human disease, the purpose being to stimulate interest in, and further work

with, this little-known aspect of bacteriology and to encourage critical comment on its implications.

The session will be conducted by Louis Dienes, bacteriologist at the Massachusetts General Hospital, Boston, and a member of the Department of Bacteriology and Immunology, Harvard Medical School. The exercises will be held in the D Building of the School, beginning June 14. Total number of participants will be limited to 20, and no fee will be charged. It is hoped that department heads will attend in person or designate representatives. Those interested are requested to communicate with Dr. J. Howard Mueller, Professor of Bacteriology, Harvard Medical School, Boston, Massachusetts.

Carnegie Institute of Technology recently announced that its proposed synchro-cyclotron will be increased in size to provide for an energy output of over 400,000,000 electron volts—an energy which will assure the production of mesons. Additional support for the project has been received from the Office of Naval Research and the AEC. Although the atom-smasher will be some 38% larger in volume, Edward C. Kreutz, administrator of the cyclotron project, states that an increase in size of the building now being constructed to house the machine will not be necessary. Change in construction plans for the cyclotron, which is expected to be in operation in 1950, were occasioned by the fact that recent experiments at the University of California indicate that mesons cannot be produced by bombarding protons with protons at energies much below the 350,000,000-volt level.

Plans for an ever-growing memorial to students, alumni, and staff who died during the war are being formulated at the University of Michigan by a special committee of which Dean Erich A. Walter is chairman. The idea for the memorial, to be known as the Phoenix Project, was originated by M. Fred Smith, of New York, a former student at the University, who pointed out the appropriateness of “administration and coordination of research in some specific phase of peacetime atomic research and construction of a building to house the program.” Plans call for special

laboratories and workrooms. Although emphasis would be placed on science and medicine, it is intended that the social sciences and the humanities would also be integrated into the program. In addition, consideration is being given to an organized information exchange service which would be available for specialists working independently in the various fields. University President Ruthven, in announcing the project, stated that plans for securing funds to finance such a memorial would be completed this summer.

Meetings and Elections

The Symposium on Electron and Light Microscopy, sponsored by Armour Research Foundation and Illinois Tech's Physics Department, will be held June 10–12 in the Stevens Hotel, Chicago, instead of on the campus of Technology Center, as previously announced. A number of leading microscopists in both fields will present papers in 5 sessions running through Friday, June 11. These technical sessions will include discussions of such subjects as dark-field electron microscopy, surface studies, phase microscopy, fiber studies, structure of fibers, resinography, micro-radiography, the application of microscopy to polymorphism of tristearin type fats, particle sizes and shapes, studies of photographic gelatin, biological applications, and polarized light. Panel discussions will be held on Saturday on (1) Instrumentation for Electron Microscopy, (2) Instrumentation for Crystal Optics, (3) Applications of Microscopy to Biology, (4) Preparation of Metal Surfaces for Microscopic Examination, and (5) Problems in High-Speed Microtomy. Participants will be drawn from commercial and governmental laboratories and from educational institutions.

As a part of the University of Wisconsin Centennial Celebration, the Medical School, in cooperation with the Department of Zoology, College of Agriculture and Biochemistry Division, Wisconsin Alumni Research Foundation, the Committee on Growth, acting for the American Cancer Society, and the McArdle Memorial Laboratory for Cancer Research, is

sponsoring a Symposium on Steroid Hormones on September 6, 7, and 8. Certain expenses in connection with this symposium are being underwritten by the National Research Council and the Alumni Research Foundation. Several well-known scientists have accepted invitations to speak during the sessions. Clinicians, chemists, biologists, agricultural specialists, and others who are interested in attending the entire symposium will be accommodated at the Elizabeth Waters Dormitory on the Wisconsin campus. The cost for both room and board will be \$16.25. Reservations may be made with Dr. Henry Lardy, Biochemistry Department, University of Wisconsin, Madison 6. A more detailed announcement of the program will be made at a later date.

The 9th annual meeting of the Association of Southeastern Biologists was held at the University of Florida, Gainesville, on April 16–17. This was a joint meeting of the Association and the Southeastern Section of the Botanical Society of America. Elon E. Byrd, secretary-treasurer, reports that 195 members and visitors, representing 11 states and the District of Columbia, registered, and that 58 educational institutions and organizations were represented. Forty-six papers were presented before the group in four sessions. Seventy-one applicants were elected to membership in the Association.

The Association's annual banquet, held at the Florida Union Banquet Hall, was attended by 198 members and guests. Samuel L. Meyer, University of Tennessee, served as toastmaster. The address of welcome was given by John S. Allen, vice-president, University of Florida; greetings from the Florida Academy of Sciences were presented by George F. Weber, University of Florida; and Howard M. Phillips, chairman of the Southeastern Section of the Botanical Society of America, presented the officers of that group. The Research Prize of \$50.00, sponsored by the Carolina Biological Supply Company, was awarded to Shirley H. Taylor, of the Botany Department, University of Tennessee, for her paper on “Anatomical and Cytological Study of the Gall of *Aylax glechomae* on *Nepeta hederacea*”;

George C. Kent and M. Jack Liberman, Louisiana State University, received honorable mention for their paper, "Induction of Psychic Heat in Ovariectomized Hamsters With Progesterone and Its Increased Effectiveness When Administered Centrally via the Brain Ventricles." The main address of the evening was given by the Association's retiring president, Martin D. Young, National Institute of Health, U. S. Public Health Service. Dr. Young's topic was "An Evaluation of the Foreign Malarias Introduced Into This Country by Returning Troops."

Officers of the Association for the year 1948-49 are: president, Samuel L. Meyer, University of Tennessee; president-elect, Howard M. Phillips, Emory University; vice-president, Eugene P. Odum, University of Georgia; secretary-treasurer, Elon E. Byrd, University of Georgia. Margaret Hess, Winthrop College, and Everett L. Bishop, University of Alabama, are newly elected members of the Executive Committee.

The 1949 meeting of the Association will be held at Knoxville, Tennessee, on April 15-16, the University of Tennessee serving as the host institution.

The Wisconsin Academy of Sciences, Arts and Letters held its 78th annual meeting April 23-24 at Central State Teachers College, Stevens Point, Wisconsin. Twenty-three papers were presented at the regular Academy sessions and 10 by the Junior Academy section.

The presidential address was delivered by L. E. Noland, whose subject was "Problems and Opportunities of a State Academy in These Times of Increasing Specialization."

For long and meritorious service to the Academy, George M. Reed, of the Brooklyn Botanical Garden, Brooklyn, New York, H. J. B. Thorkelson, of Madison, Wisconsin, George Wagner, of Palo Alto, California, and Rollin H. Denniston, of Madison, were elected to life membership.

Those elected to office for the 1948-49 Academy year are: Otto Kowalke, Department of Chemical Engineering, University of Wisconsin, president; E. L. Bolender, Superior State Teachers College, vice-president in science; Donald Anderson, Madison, vice-presi-

dent in arts; Robert K. Richardson, Department of History, Beloit College, vice-president in letters; Banner Bill Morgan, Department of Veterinary Science, University of Wisconsin, secretary-treasurer; H. O. Teisberg, State Historical Library, Madison, librarian; and L. E. Noland, Department of Zoology, University of Wisconsin, representative on the Council of the AAAS. Members were also named for the Library, Membership, and Publications Committees.

The American Oil Chemists' Society, at its recent annual meeting in New Orleans, elected C. P. Long, Procter & Gamble Company, Cincinnati, president; V. C. Mehlenbacher, Swift & Company, Chicago, first vice-president; G. A. Crapple, Wilson & Company, Chicago, second vice-president; J. R. Mays, Jr., Barrow-Agee Laboratories, Memphis, third vice-president; L. B. Parsons, Lever Brothers Company, Cambridge, Massachusetts, fourth vice-president; H. L. Roschen, Swift & Company, secretary; and J. J. Vollertsen, retired chief chemist, Armour & Company, Chicago, treasurer.

R. T. Milner, of the Northern Regional Research Laboratory, Peoria, Illinois, was appointed editor of the *Journal of the Society* (formerly *Oil & Soap*), to succeed Mr. Roschen, editor since 1937.

The 95th annual meeting of the New Orleans Academy of Sciences was held at Tulane University April 30-May 1, at which time the Academy met jointly for the second time with the Louisiana Academy of Sciences. The retiring president, Joseph C. Morris, presided at the business meeting at which officers for 1948-49 were elected, as follows: president, T. T. Earle, Tulane University; vice-president, L. J. Strohmeier, Loyola University; secretary, Walter G. Moore, also of Loyola; treasurer, J. K. Reiss, of Tulane; and curator, G. F. Taylor, of Tulane. The technical sessions of the two Academies met in 5 sections, a total of 72 papers being read. Two symposia, one on Biophysics and the other on Electronics, were featured on the program.

Secretary Moore reports that the 1948 Research Grant, contributed by

the New Orleans Academy and the AAAS, was awarded to James M. McArthur, supervisor of Agriculture and Gardening, Orleans Parish School Board, for studies in plant propagation, and particularly for a comparative study of plant growth regulators.

The principal speaker at the annual banquet, held on the evening of April 30, was Michael M. Mora, director of World Trade Development, International House, New Orleans.

The 58th annual meeting of the Ohio Academy of Science, held at the University of Toledo on May 6-8, was very largely attended, and 140 new members were admitted to the Academy. A. W. Lindsey, of Denison University, retiring president, addressed the group on "The Fallacy of Communism."

Newly elected officers are: president, George B. Barbour, University of Cincinnati; secretary, Rush Elliott, Ohio University; and treasurer, W. M. Tidd, Ohio State University.

The 1949 annual meeting will be held at Miami University, Oxford, Ohio.

The American Institute of Chemists, at its Silver Anniversary meeting, May 7, in New York City, elected Lawrence H. Flett, director of the New Products Division, National Aniline Division, Allied Chemical and Dye Corporation, New York City, president; Raymond E. Kirk, head of the Department of Chemistry and dean of the Graduate School, Polytechnic Institute of Brooklyn, vice-president; and the following councilors: M. L. Crossley, director of research, American Cyanamid Company; James R. Withrow, professor of chemical engineering, Ohio State University; and John M. McIlvain, Research and Development Department, Atlantic Refining Company. Lloyd Van Doren, chemical consultant with Watson, Bristol, Johnson & Leavenworth, New York City, and F. A. Hessel, president of the Montclair (New Jersey) Research Laboratories, were re-elected secretary and treasurer, respectively.

The Four-College Genetics Conference, organized four years ago under the joint auspices of Smith, Amherst, and Mount Holyoke Colleges and the University of Massachusetts,

completed the year with a graduate student session on the Smith campus, May 20. The session, at which 16 graduate students reported on data collected for Master's and Doctoral degrees in the biological sciences, was conducted by S. L. Doeringhaus, research fellow in the Smith College Genetics Experiment Station. In addition to the 16 papers, each limited to 6 minutes, Hope Handler, Smith senior and candidate for honors in botany, presented a paper on "Triploid Hybrids in Three Species of *Datura*," based on work done in the Genetics Experiment Station under Albert F. Blakeslee.

During the college year each of the participating institutions is host to the conference twice. Except for the final program, which is usually devoted to the work of student members, speakers may include faculty or staff members of the colleges or may be invited speakers from elsewhere.

NRC News

A group of leading chemists, physicists, and mineralogists, whose interests make them specially qualified, has recently been appointed by the NRC to act as Provisional Executive Committee of the American Section of the International Union of Crystallography. This Union, which was formed in 1947, has undertaken the publication of an international journal of crystallography, *Acta Crystallographica*, and is planning for the continuation of the *Strukturbericht* and for the publication of a new edition of the International Crystal Structure Tables. The Union's first General Assembly and Congress will be held at Harvard University from July 28 to August 3. The membership of the American committee consists of L. O. Brockway, University of Michigan; M. J. Buerger, Massachusetts Institute of Technology; J. D. H. Donnay, The Johns Hopkins University; I. Fankuchen, Polytechnic Institute of Brooklyn; C. Frondel, Harvard University; D. Harker, General Electric Company; M. L. Huggins, Eastman Kodak Company; A. L. Patterson (chairman), Bryn Mawr College; L. Pauling, California Institute of Technology; F. Seitz, Carnegie Institute of Technology; A. N. Winchell, American Cy-

anamid Company; and R. W. G. Wyckoff, National Institute of Health. This committee will act as advisory body to the NRC on the relationships between the crystallographers of the United States and the new Union. In addition to these duties, the committee will recommend to the NRC a permanent constitution for the American Section of the Union and will also advise the Council with regard to any matters which are of general concern to crystallographers in the United States.

Sweden is participating actively in the Pioneer Centennial to be celebrated in our Middle West this summer by inviting four prominent Swedish-Americans on a month's visit to that country. According to the American-Swedish News Exchange, the four who have been chosen are: R. G. Gustavson, chemist, who is chancellor of the University of Nebraska; Howard Hanson, one of America's leading composers; E. F. W. Alexander, who recently retired from his position as consulting engineer with the General Electric Company; and John O. Christianson, of the University of Minnesota's School of Agriculture. Drs. Gustavson and Alexander will lecture before appropriate groups in Sweden, while Dr. Christianson plans to study the organization of Swedish agriculture and the teaching of farming.

A new bimonthly bulletin intended "to convey to the physician in brief, meaty form, the results of important researches in the varied fields of cancer" has appeared under the sponsorship of the Texas Cancer Coordinating Council, the Cancer Committee of the State Medical Association of Texas, the Texas State Department of Health, the Texas Division of the American Cancer Society, and the M. D. Anderson Hospital for Cancer Research, University of Texas. Editorial offices of the *Texas Cancer Bulletin*, of which Russell W. Cumley is executive editor, are located at the M. D. Anderson Hospital. U. S. subscription price for one year is \$4.00. The bulletin, with its series of timely articles, will attempt to familiarize the family doctors with the symptoms of cancer and to

bring before them a working knowledge of its treatment.

The Electron Microscope Society of America has set up a Placement Service for the mutual benefit of its members and potential employers. The Society has on its membership roll the names of virtually every active electron microscopist in this country. Employers seeking scientists or technicians for work in this or allied fields are invited to make use of this Placement Service. Inquiries should be directed to the secretary of the EMSA, Dr. C. J. Burton, American Cyanamid Company, Stamford, Connecticut.

Make Plans for—

III Interamerican Cardiological Congress, June 13-17, Michael Reese Hospital, Chicago, Illinois.

Association for Research in Ophthalmology, June 21-22, Northwestern University Medical School, Chicago, Illinois.

American Physical Society, 286th meeting, June 21-23, University of Wisconsin, Madison; 287th meeting, June 24-26, California Institute of Technology, Pasadena.

American Medical Association, annual session, June 21-25, Chicago, Illinois.

American Society for Testing Materials, June 21-25, Detroit, Michigan.

National Colloid Symposium, June 23-25, Cambridge, Massachusetts.

American Astronomical Society, June 28-July 1, Mount Wilson Observatory, Pasadena, California.

International Congress of Genetics July 7-14, Stockholm, Sweden.

American Veterinary Medical Association, August 16-19, Palace Hotel, San Francisco, California.

A visit to the David W. Taylor Model Basin while you are attending the—

★ AAAS
Centennial Celebration
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