

that all the botanists in Denmark are safe, and that the Botanical Museum and its collections at Copenhagen are intact.

Dr. H. A. Gleason, of the New York Botanical Garden, writes:

The many American friends of Professor Karel Domin, of Praha, Czechoslovakia, will be pleased to learn that he, his wife and his son are alive. During the war he has continued his botanical work at his home, apparently under much difficulty.

SCIENTIFIC NOTES AND NEWS

DR. DONALD BABCOCK KEYES, director of the Office of Production, Research and Development of the War Production Board and head of the Division of Chemical Engineering of the University of Illinois, has been awarded the Honor Scroll of the American Institute of Chemists, made annually to "a man adjudged to have made outstanding contributions to the world in chemistry or chemical engineering" in recognition of "distinguished achievements in chemical engineering practice, in teaching and in wartime service to the Government."

THE Yugoslav "Medal for Services to the People" has been awarded to Brigadier General Leon Fox, field director of the U. S. Typhus Commission, and to three other members of his staff.

THE Yale Medical Library has now on display a special exhibit arranged in recognition of the distinguished services of Dr. Charles-Edward Amory Winslow, senior member of the faculty of the Yale School of Medicine, who retired at the end of June. Since Dr. Winslow has for many years conducted seminars on the history of personal hygiene and the public health movement, the first part of the exhibit is devoted to early writings on hygiene beginning with Galen and his concept of the "Non-Naturals" in relation of health. Five display cases are devoted to Professor Winslow's writings. His contributions to the historical biographical phases of the public health movement occupy a separate display case. His latest monograph, entitled "The Conquest of Epidemic Disease," and a selection of his many monographs and papers on ventilation and air conditioning are displayed. The first volumes of the *Journal of Bacteriology* and the *American Journal of Public Health*, of which Dr. Winslow has been editor, the first since its inception in 1916 and the other since April, 1944, are also on view.

DR. HENRY E. BARRETT, professor of psychology at Columbia University, has been elected president of the American Psychological Association for 1946. The association has been reorganized to include several independent societies with a view toward a better representation of the interests of American psychologists.

PROFESSOR S. A. MITCHELL has been retired as director of the Leander McCormick Observatory after

thirty-two years' service. In order that he may continue his research work at the observatory, the Board of Visitors has appointed him director emeritus. He will be succeeded as professor of astronomy and director of the observatory by Dr. Harold L. Alden, who for the past twenty years has been in charge of the Yale University Observatory at Johannesburg, South Africa. Dr. Alexander N. Vyssotsky has been promoted to a professorship of astronomy.

CLYDE W. TOMBAUGH, of the Lowell Observatory and the Arizona State College at Flagstaff, has been appointed for the coming academic year visiting assistant professor of astronomy at the University of California at Los Angeles, to take the place of Dr. Samuel Herrick, who is on sabbatical leave.

DR. HAROLD H. WILLIAMS, Detroit, director of the research laboratory of the Children's Fund of Michigan, has been appointed a professor in the department of biochemistry of Cornell University.

DR. RAYMOND B. CATTELL, associate professor of psychology at Duke University, has been appointed research professor of psychology at the University of Illinois under the "Distinguished Professorship Fund," administered by the Graduate School.

DR. JOSEPH S. ILLICK has been appointed dean of the New York State College of Forestry at Syracuse University. He has served as acting dean since 1943.

DR. ORVILLE WYSS has resigned his position as research bacteriologist for Wallace and Tiernan Products, Belleville, N. J., to become associate professor of bacteriology at the University of Texas. Mrs. Orville Wyss has resigned her position as instructor of chemistry at Hunter College of the City of New York.

DR. R. BLACKWELL SMITH, JR., who is now associated with Dr. H. O. Calvery, of the Division of Pharmacology, Food and Drug Administration, has been elected a member of the department of pharmacology of the Medical College of Virginia, Richmond, and assistant dean of the School of Pharmacy. He will assume the work late in 1945 or early in 1946.

DR. FRANK K. EDMONDSON, since 1944 chairman of the department of astronomy of Indiana University, has been promoted to an associate professorship. Dr. Lawrence H. Aller has been appointed assistant pro-

fessor of astronomy. He will design and supervise construction of a spectrograph for the 36-inch reflector of the Goethe Link Observatory during the coming year.

DR. EDWARD H. COX, professor of chemistry at Swarthmore College, who has been acting in an advisory capacity to the Director of Armament of the United States Strategic and Tactical Air Forces (USSTAF) in Paris, has returned to this country. He will resume his work as acting head of the department of chemistry.

DR. SHAO WEN YUAN, who for the past twenty months has been in charge of research aerodynamics in the Helicopter Research Division of the McDonnell Aircraft Corporation, St. Louis, has joined the staff of the Polytechnic Institute of Brooklyn to continue research on the helicopter and to introduce the first academic course on the helicopter incorporated in the regular curriculum of an engineering institution in this country.

DR. ARTHUR GROLLMAN, professor of experimental medicine at the Southwestern Medical College, Dallas, has been named professor of medicine and chairman of the department of experimental medicine.

DR. PAUL O. MCGREW, acting chief curator of geology at the Chicago Natural History Museum, and Bryan Patterson (at present in service with the U. S. Army) have been appointed lecturers in geology on the faculty of the University of Chicago. They will continue their work at the museum.

DR. TAGE U. H. ELLINGER has been appointed professor of zoology at Howard University.

THIRTY-SIX members of the faculty of the University of Illinois have been promoted to full professorships. These include H. R. Snyder, H. E. Carter, chemistry; W. V. Balduf, entomology; A. H. Sutton, H. R. Wanless, geology; J. L. Doob, D. G. Bourgin, mathematics; J. B. Andrews, agricultural economics; F. E. Longmire, J. D. Bilsborrow, agricultural extension; H. H. Alp, animal husbandry; J. R. Fellows, mechanical engineering; J. H. Bartlett, Robert Serber, Moritz Goldhaber, physics; V. P. Jensen, T. J. Dolan, W. L. Schwalbe, N. E. Ensign, theoretical and applied mechanics; A. R. Cooper, R. L. Webb, anatomy; W. S. McCulloch, psychiatry; A. R. Hollender, laryngology, rhinology and otology; W. H. Cassels, surgery.

DR. RANIER ZANGERL, formerly assistant professor of comparative anatomy at the University of Notre Dame, has joined the staff of the Chicago Natural History Museum as curator of fossil reptiles in the department of geology.

DR. PAUL E. THOMPSON, until recently assistant professor of parasitology in Tulane University, has taken up work as bacteriologist of the Mary Imogene Bassett Hospital and of the Otsego County Laboratory at Cooperstown, N. Y.

PROFESSOR ROGER ADAMS, head of the department of chemistry of the University of Illinois, who has been on leave of absence since 1942 as a member of the National Defense Research Committee and chairman of one of its divisions, has been given a further year's leave of absence by the University Board of Trustees. Professor William C. Rose will continue as acting head of the department of chemistry. Though Professor Adams has been on leave, he has continued to supervise the training of graduate students in research and has been directing scientific investigations of his own.

G. R. FESSENDEN, who has been working in the U. S. Department of Agriculture on the development of methods for preserving plant specimens in natural color, has concluded a series of instruction courses in the preservation of agricultural specimens in plastics, held for faculty members of the State College of Florida, New Mexico, Oregon, Washington, Idaho, Montana, North Dakota, Illinois and Massachusetts, with South Dakota, Vermont, New Hampshire, Maine and Rhode Island also participating. On August 1 he joined the Wyeth Institute of Applied Biochemistry in Philadelphia, where he will serve as botanist.

FRED W. LORENZ, assistant professor of poultry husbandry at the University of California, in Davis, Calif., has joined the research staff of the White Laboratories, Inc., Newark, N. J. He will be in charge of research in physiology and endocrinology.

THE trustees of the Beit Scientific Research Fellowships, of which Sir Campbell Stuart is chairman, have awarded fellowships tenable at the Imperial College of Science and Technology, London, for the academic year 1945-46 renewable for a second year as follows: H. Bloom, M.Sc., Melbourne, for research on the photochemical decomposition of the higher silanes or the silico-germanium compounds under the direction of Professor H. V. A. Briscoe; J. A. Elvidge, for research on penicillin, under the direction of Professor I. H. Heilbron; K. D. Froome, for research on the mechanism of very high current conduction in gases, under the direction of Professor Sir George P. Thomson, F.R.S.; D. K. C. MacDonald, M.A., Edinburgh, for research on noise and sensitivity problems in radio engineering, under the direction of Professor C. L. Fortescue; J. S. Webb, for research on the origin and mineral paragenesis of the tin lodes of Cornwall, under the direction of Professor H. H. Read, F.R.S.

EDWIN G. BAETJER, chairman of the Board of Dun and Bradstreet, Inc., who died on July 20, whose estate is estimated at over \$3,000,000, left \$100,000 to Princeton University; \$50,000 to the Johns Hopkins University, and \$25,000 to the McDonogh Educational Fund and Institute, Inc., of Baltimore.

THE Reynolds Metal Company of Richmond, Va., is planning to establish at a cost of \$1,000,000 a research laboratory for the study of aluminum alloys. The laboratory will be situated on Memorial Drive, Cambridge, Mass.

THE American Society of Heating and Ventilating Engineers, of which Dr. C.-E. A. Winslow, of the School of Medicine of Yale University, is president, has appointed a committee to supervise the raising of a fund for its enlarged program of research at its laboratory in Cleveland and in cooperating institutions. The goal set to meet current research is budgeted at \$110,000 for the next three years.

THE R. R. Rowley collection, one of the finest private fossil collections gathered by one individual, including 200,000 specimens collected over a period of sixty-eight years, now in a private museum, is being acquired by the University of Illinois. Much of the collection comes from Missouri, Iowa, Illinois and Kentucky. All is in excellent condition. Among the 200,000 items are 147 type specimens and numerous others set aside by Rowley as new types, but not described by him before his death.

BECAUSE of transportation restrictions the only ses-

sions of the fifty-ninth convention of the Association of Land-Grant Colleges and Universities to be held in Chicago on October 24 and 25 will be those of the executive body. The Association of Official Agricultural Chemists, Inc., and the Association of American Feed Control Officials, Inc., will not meet this year.

A CONFERENCE on the Control of Tuberculosis in a Metropolitan Area, sponsored by the Institute of Medicine of Chicago, will be held on Tuesday and Wednesday, November 13 and 14, at the Palmer House, Chicago, and will cover phases that are of particular importance at this time to clinicians, specialists, lay workers and teachers, who are cordially invited to attend.

A CONFERENCE sponsored by the Armour Research Foundation of the Illinois Institute of Technology will be held in Chicago from October 1 to 6. Twenty leaders of Mexican industry, government and finance are expected to be in attendance. Visits are planned to industries, colleges and research organizations in the area. There will be panel discussions on research methods and the solution of industrial research problems.

DR. GEORGE M. DECHERD, JR., director of the post-graduate training program of the Medical Branch at Galveston of the University of Texas, announces that a conference on internal medicine will be held at the Medical School from November 1 to 3. Dr. George Fahr, professor of medicine at the University of Minnesota, will be among the guest speakers.

SPECIAL ARTICLES

ISOLATION OF AN APPARENTLY NEW VIRUS FROM TWO FATAL PNEUMONIA CASES

DURING the winter of 1944 two viruses were isolated from two fatal cases¹ of pneumonia. One was isolated from each case and they were regarded as different viruses, until studies indicated that they were identical. In this paper they will be described as one virus. This virus resembles some members of the psittacosis group, but it differs sufficiently from any of the previously known viruses so that it is believed to be a hitherto undescribed virus. It has been termed the Illinois virus.

The cases from which it was isolated occurred in Chicago at about the same time. One was a practising physician and the other a student in a dental school. In each instance the clinical picture was essentially the same. The onset was gradual and the predominant

ing signs and symptoms were weakness, malaise, fever and head and chest pains. The two cases differed in that the student showed a fine red rash extending from the neck down to the level of the nipples and he had chills and pain in the joints and back. Pneumonia eventually occurred in both patients. They were admitted to a hospital in Chicago, one about 14 days and the other about 6 days following the onset of illness. They died on the same day, one after 4 days of hospitalization and the other after 9 days.

Epidemiological studies revealed that these cases had indirect contact with each other shortly before the onset of their illnesses. The physician was a staff member of a medical school clinic in which the student had his eyes examined about ten days before he became sick. The examination, however, was not made by the doctor but by his medical assistant. Also the clinic and the dental school were housed in the same building. No evidence of contact with birds or animals could be found in the case of either patient.

From each case the virus was isolated by inocula-

¹ Specimens from these cases and information regarding the clinical and epidemiological findings were provided through the courtesy of the late Dr. Irving S. Cutter and Dr. Opal E. Hepler, of Chicago.