

an instrument to measure the height of the cloud ceiling at night, and a small house for radiosonde balloons to record wind speed at high altitudes.

Scientists in the News

IRENE M. STRIEBY, library consultant at Eli Lilly and Company, has received the 1956 Professional Award of the Special Libraries Association. She was honored for "her outstanding professional achievements and in recognition of her devotion to the cause of special libraries for a quarter of a century."

Mrs. Strieby joined Lilly in 1934 to become head of its library. Under her leadership the library has been expanded to include a research library, a business service, and several departmental collections; the number of volumes has grown to 30,000; and the staff of librarians has been increased to 18.

ARTHUR M. BUECHE has been named manager of a newly created unit in the chemistry research department of the General Electric Research Laboratory, Schenectady, N.Y. The unit, which will be devoted to polymer and interface studies, will be part of the Physical Chemistry Section. Bueche has been a member of the research laboratory staff since 1950.

Cecilia Payne-Gaposchkin has been appointed professor of astronomy at Harvard University. She is the first woman to attain full professorship at Harvard through regular faculty promotion. Since 1938 she has been Phillips Astronomer in the Harvard College Observatory and lecturer on astronomy.

Dr. Payne-Gaposchkin and her husband, Sergei I. Gaposchkin, are a team in astronomical research. Together they have made an extensive survey of variable stars.

CONRAD G. MUELLER, JR, associate professor of psychology at Columbia University, has been awarded a senior postdoctoral fellowship in physiological psychology for the academic year 1956-57. This fellowship, which is administered by the National Academy of Sciences-National Research Council, is supported by the Carnegie Corporation of New York.

Mueller's main interest is in the psychophysiology of vision. On July 1, he started work at the Rockefeller Institute for Medical Research, where he is conducting research on physiological mechanisms in vision, acquiring additional techniques for the micropipette method of recording from single sensory cells, and employing other techniques for working with the vertebrate retina.

RAYMOND OLNEY, who has served since 1921 as editor and publisher of *Agricultural Engineering*, the journal of the American Society of Agricultural Engineers, has received the 1956 Max Eyth medal, which is awarded by the Max Eyth Society for the Advancement of Agricultural Engineering (a German Society). The medal was presented in Roanoke, Va., during the 49th annual dinner of ASAE.

Other awards presented at the dinner are as follows: the John Deere gold medal, ARTHUR W. CLYDE, College Park, Pa., and two Cyrus Hall McCormick gold medals, one to MARTIN RONNING, Minneapolis, Minn., and one to H. P. SMITH, College Station, Tex.

JAY W. FORRESTER, head of the digital computer division of Lincoln Laboratory at Massachusetts Institute of Technology, has been appointed professor of industrial management in the M.I.T. School of Industrial Management. While at Lincoln Laboratory, and earlier in the Servomechanisms Laboratory at M.I.T., Forrester developed the method of random access magnetic storage that is now the standard memory device for reliable, high-speed digital computers.

Another appointment at M.I.T. is that of I. EDWARD GARRICK of the National Advisory Committee for Aeronautics who will serve for a year as the Jerome Clarke Hunsaker professor. He will teach and conduct research in the department of aeronautical engineering, concentrating on studies of flutter, aerostatic problems, and aerodynamic phenomena.

ROBERT W. BEAL has been named director of development at the Corps of Engineers Research and Development Laboratories, Fort Belvoir, Va. In the newly created position, Beal, formerly chief of the mechanical engineering department, will be responsible for the establishment of an applications engineering program designed to bridge the gap between research and development and the quantity production of new military equipment for the Corps of Engineers.

CARL B. KOFORD, zoologist at the Museum of Vertebrate Zoology, University of California, has been appointed resident naturalist of the Smithsonian Institution's Canal Zone Biological Area, a tropical forest and wildlife preserve on Barro Colorado Island. He succeeds JAMES ZETEK, who recently retired after 45 years of service in the Canal Zone. During most of this time Zetek was associated with the U.S. Department of Agriculture and the Smithsonian Institution.

ERNEST YEAGER, associate professor of chemistry and technical director of the Ultrasonics Research Laboratory at Western Reserve University, and IRA J. HIRSH, research associate for the Central Institute for the Deaf and associate professor of psychology at Washington University (St. Louis), received the biennial award of the Acoustical Society of America during the recent meeting in Boston of the International Congress on Acoustics. The award, consisting of a medal and a check, this year was given jointly for the first time since it was first conferred in 1942.

WILLIAM E. ADAMS, the James Nelson and Anna Louise Raymond professor of surgery at the University of Chicago, has accepted an invitation to be a visiting lecturer at the University of Glasgow in Scotland. His appointment, which is under the Fulbright program, began on 1 July.

JOHN A. D. COOPER, associate professor of biochemistry at Northwestern University Medical School, will direct a course this summer at the University of Brazil, Rio de Janeiro, on radioisotope techniques in biology and medicine. He also will make a 3-month lecture tour of South American universities and scientific societies. His trip is being sponsored by the U.S. Department of State.

MAX C. BREWER of the geophysics branch of the U.S. Geological Survey at Menlo Park, Calif., has been appointed director of the Arctic Research Laboratory at Point Barrow, Alaska. The University of Alaska operates the laboratory under contract with the Office of Naval Research. The new director will assume his duties in September, approximately 1 month before IRA L. WIGGINS, present director, returns to Stanford University, where he is professor of biology and director of the Natural History Museum.

ROBERT F. MEHL, director of the Metals Research Laboratory and head of metallurgical engineering at Carnegie Institute of Technology, has been awarded the "Grand" medal of Le Chatelier by the council of the French Society of Metallurgy. The medal will be presented in Paris during the society's annual symposium on metallurgy, 22-27 Oct.

JOHN R. REES, for 12 years a mechanical engineer for the Navy Bureau of Aeronautics, has joined the staff of the Engineering Metrology Section of the National Bureau of Standards. He will aid in the preparation of handbooks and various other publications on screw threads and screw-thread gaging.

DALE R. CORSON has been appointed chairman of the department of physics at Cornell University. Corson joined the Cornell faculty in 1946. He is a consultant to the General Electric Advanced Electronics Center and to several panels and study groups in the Department of Defense. For two periods recently he has been on the research staff at California Institute of Technology.

JULIUS A. STRATTON, now vice president and provost of Massachusetts Institute of Technology, has been appointed to the newly established post of chancellor of the institute. As chancellor, he will administer the academic program in all its parts, and all academic officers will come under his jurisdiction. In addition, he will act as deputy to the president, who is the institute's chief executive officer. Stratton will serve as the general executive officer for all institute affairs, and in the absence of the president, he will perform all the duties and functions of that position.

JULIAN S. SCHWINGER, professor of physics at Harvard University, will be a visiting professor of physics and mathematics at Stanford University this summer. He will lecture on "Differential equations of field theory."

The following are among those who have recently received honorary doctoral degrees.

Princeton University: HENRY EYRING, dean of the graduate school and professor of chemistry at the University of Utah; RAJKUMARI A. KAUR, Minister of Health for India.

Rutgers University: WILLIAM SHOCKLEY, director, Shockley Semiconductor Laboratory of Beckman Instruments, Inc.

Wayne University: GEORGE RIEVESCHL, JR., scientific assistant to the president of Parke, Davis and Company; LAWRENCE REYNOLDS, chief of staff and chairman of the executive committee of Harper Hospital, Detroit.

Denison University: GEORGE M. LYON, manager of the Veterans Administration hospital at Huntington, W.Va.

MAURICE EWING, professor of geology and director of Lamont Geological Observatory, Columbia University, has been elected to foreign membership by the Royal Netherlands Academy (Section for Sciences).

The New York Academy of Medicine has announced the appointment of GERTRUDE L. ANNAN as librarian, succeeding JANET DOE who is retiring. Miss Annan has been associate librarian for the past 3 years and previous to that

was curator of the Malloch Rare Book and History Room of the academy library.

Miss Doe is retiring from her position as librarian after 30 years of service to the New York Academy of Medicine and to the library profession. Her outstanding leadership has won her recognition in many forms. She has served as president of the Medical Library Association and as a member of the committee that surveyed the Armed Forces Medical Library. She was presented with the Marcia C. Noyes award for outstanding achievement in medical librarianship. Among her many professional contributions are her bibliography of Ambroise Paré and her editorship of two editions of the *Handbook of Medical Library Practice*.

Recent Deaths

NICHOLAS C. ARTSAY, Valhalla, N.Y.; 68; mechanical engineer; 20 June.

WILLIAM S. BRYANT, New York, N.Y.; 95; retired authority on otology and otolaryngology; 26 June.

ALBERT W. CLAFIN, Providence, R.I.; 71; president of Rhode Island College of Pharmacy and Allied Sciences; 18 June.

PASQUALE V. DI COSMO, Wildwood Shores, N.J.; 51; president and chief engineer of Cosmo Engineering Laboratories, Inc.; 25 June.

PAUL H. DIKE, Huntington Valley, Pa.; 78; retired assistant director of research for Leeds and Northrup; 25 June.

CHANNING R. DOOLEY, Summit, N.J.; 78; expert on industrial training; president of the *Training Within Industry Foundation*; 25 June.

CECIL E. EDDY, Melbourne, Australia; 56; director of the X-ray and Radium Laboratory of Melbourne; chairman of the United Nations Scientific Committee on the effects of atomic radiation; 27 June.

P. MAURICE GLASOE, Northfield, Minn.; 82; professor emeritus of chemistry at St. Olaf College; 15 June.

FRANK E. MALLON, Brooklyn, N.Y.; 61; clinical associate professor at the College of Medicine of the State University of New York; 24 June.

JAMES M. NAUL, Plainfield, N.J.; 68; electrical engineer; 23 June.

VLADIMIR A. OBRUCHEV, Moscow, U.S.S.R.; 93; leading Soviet geologist and geographer; president emeritus of the Geographical Society of the U.S.S.R.; research authority on the permafrost phenomenon; 19 June.

WILLIAM B. PLANK, Morgantown, Pa.; 70; mining engineer and founder of the mining engineering department of Lafayette College; 19 June.

HOWARD E. PULLING, Kennebunk, Me.; 70; plant physiologist; pro-

fessor of botany at Wellesley College; 24 April.

RUDOLF RUEDEMANN, Albany, N.Y.; 91; former paleontologist of the State Museum (New York); 18 June.

FRANKLIN A. STEVENS, New York, N.Y.; 65; associate in medicine at the Columbia University College of Physicians and Surgeons; 19 June.

Education

■ St. John's University, Brooklyn, N.Y., has broken ground for a Science-Pharmacy Hall on its Long Island Division Campus at Hillcrest, Jamaica. Approximately \$4 million has been allocated for the construction and partial equipment of the new unit, which will accommodate 1200 students at one time with 600 classroom seats and 600 laboratory stations. The building is expected to be ready for occupancy for the start of the fall term in 1958.

■ Lowell Technological Institute will participate in the observance of the Perkin Centennial by holding a celebration, 26-28 Sept. During that period a lecture and display of rare books will be featured, and at a special convocation honorary degrees will be conferred. There will be a dedication ceremony for one of the institute's newest buildings, and the program will culminate in a day-long open house.

■ The U.S. Atomic Energy Commission has announced that it will make available plutonium-beryllium neutron sources for subcritical assemblies used by nonprofit educational institutions engaged in training and research in the nuclear sciences. Loan of plutonium-beryllium neutron sources is an extension of a current AEC policy to make available certain materials for subcritical assemblies without a user-charge to the institution involved.

■ The use of entomology as a teaching medium in high-school biology courses was studied recently at Michigan State University. A survey questionnaire sent to 200 Michigan high schools brought replies from 135 teachers. Of the 135 schools represented by the replies, 97 percent include an average of 2½ weeks of insect study in biology courses, 93 percent study "the place insects have in our lives," 90 percent study "basic insect structure," 81 percent study various individual insects, 65 percent use some of the order names, and 15 percent study methods of insect control.

Although 81 percent of the schools have collecting equipment and 68 percent have laboratory equipment such as cages and aquaria, only 51 percent take field trips regularly, only 41 percent