

staff of the Bureau of Standards. Their lengths of service range from one and a half to nineteen years. In many cases their separation from the service means abandonment of the type of research they were conducting. Most of them are well known in chemical circles for their contributions to the literature. Their virtual dismissal is based on grounds of economy only and is no reflection upon their scientific ability. The men are: W. O. Gordon, E. Wolesensky, J. O. Burton, H. A. Hamm, T. R. Naffziger, C. B. Overman and E. Creitz, in studies of useful products from farm wastes; F. Schofield, W. B. Knight, J. H. Wilson, paint research; H. J. Wing, A. D. Cummings, W. E. Thibodsen and H. Matheson, rubber research; J. E. Klebodka, B. C. Schmidt, E. N. Bunting, chemistry of glass and silicates; J. C. Wangler, cement; B. H. Carroll, photographic emulsions; W. A. Gonzales, W. D. Evans, G. M. Klein, leather research; H. L. Frush, J. A. Bogan, J. A. Mathews, M. T. Kanagy, carbohydrates; W. D. Ten Eyck, furs; G. E. Renfro, chromium plating; F. W. Reynolds and G. W. Ray, chemical trade standards; H. E. Cleaves, iron; H. S. Christopher, soil corrosion; M. Frandsen, thermochemistry; S. F. Pickering, gases; H. A. Buchheit, analytical reagents; M. G. Lorentz, metallography; N. P. Robie and E. A. Brisgeman, gasoline; J. B. Wilkie, mercerization, J. L. Basil, non-tin bearing metals, and C. H. Binkley, gas cell fabrics.

Appropriations and allotments for the Bureau of Fisheries investigations during the fiscal year 1934 have been reduced in the total amount of \$170,000, or 42 per cent., over funds provided for such work during the fiscal year 1933. Owing to the fact that reductions in field activities and the exercise of every possible economy had been effected through reduction of appropriations in the previous year, these further cuts necessitate the reduction of permanent personnel. From a total staff of fifty-two fishery investigators and assistants, ten positions have been dropped. Those affected by separation from the service on June 30, 1933, are: Henry M. Bearse, junior aquatic biologist; Louella E. Cable, junior aquatic biologist; Arthur A. Dallas, junior biological aid; Harvey C. McMillan, junior aquatic biologist; Virgil W. Matlack, clerk; Dr. Vera Koehring, associate aquatic biologist; Marie A. Donovan, clerk; Dr. Stillman Wright, assistant aquatic biologist; Francis L. Widerstrom, junior biological aid, and Dr. Abraham H. Wiebe, associate aquatic biologist. All these have had service with the bureau from one to nine years.

The loss of personnel and the reduction of field allotments require the abandoning of investigations of such projects as a study of the life history and migrations of the striped bass in Chesapeake Bay, a study of water conditions in the Great Lakes as

affected by pollution and other influences adverse to the normal replenishment of the fish supply, and a study of conserving fish life in the Pacific Northwest by means of screens and ladders in irrigation projects and hydroelectric power developments. Other investigations will be materially slowed down, and no new projects can be undertaken. Projects which depend for their success upon a series of records and observations extending over years, however, will be continued with as little curtailment as possible.

DINNER IN HONOR OF FORTY-TWO DISTINGUISHED CHEMISTS

FORTY-TWO pioneers in American chemistry who attended the Columbian Exposition in Chicago in 1893 will be guests of honor at a dinner on September 14 of the American Chemical Society at the Century of Progress Exposition in Chicago.

The "patriarch of American chemistry," Dr. Charles Edward Munroe, of Washington, D. C., who is eighty-four years old, will be among those honored. Dr. Munroe, who is still active as chief explosives chemist of the United States Bureau of Mines, is the sole surviving charter member of the society, organized in Chicago in 1876.

Dr. Gustav Egloff, director of research of the Universal Oil Products Company, Chicago, will preside at the dinner. The complete list of guests follows:

Dr. G. E. Barton, Millville, New Jersey.
Willard Dell Bigelow, Washington, D. C.
James Boyce, Marion, Indiana.
Dr. W. Gordon Brown, New Haven.
Dr. A. W. Burwell, Niagara Falls.
Dean Charles E. Coates, Baton Rouge.
Dr. Henry E. Curtis, Lexington, Kentucky.
Professor Frank B. Dains, Lawrence, Kansas.
August Eimer, New York City.
Professor G. B. Frankforter, Minneapolis.
Professor Moses Gomberg, Ann Arbor.
Dr. G. A. Goodell, Louisville, Kentucky.
Dr. C. H. Herty, New York City.
Dr. Edward R. Hewitt, New York City.
Dr. William Hoskins, Chicago.
Dr. H. A. Huston, New York City.
Professor H. R. Jessel, Wauwatosa, Wisconsin.
Professor Louis Kahlenberg, Madison.
Dr. Milton H. Kauffman, Hollywood.
Dr. Lyman F. Kebler, Washington, D. C.
Professor J. B. Lindsey, Amherst.
Professor Henry B. McDonnell, College Park, Maryland.
Dr. K. P. McElroy, Washington, D. C.
Professor J. T. McGill, Nashville, Tennessee.
Professor J. F. McGregory, Hamilton, New York.
Dr. Charles E. Munroe, Washington, D. C.
Professor William Albert Noyes, Urbana.
Dr. C. L. Parsons, Washington, D. C.
Dr. Charles L. Reese, Wilmington.

G. W. Rolfe, Martha's Vineyard.
Dr. Ludwig Saarbach, New York City.
Dr. A. H. Sabin, New York City.
Dr. William Seaman, Glens Falls, N. Y.
Dr. F. T. Shutt, Ottawa, Canada.
Albert L. Smith, Chicago.
Dr. Harry E. Smith, New York City.
Dr. Herbert W. Smith, New York City.
Dr. Alfred Springer, Cincinnati.
Dr. George Steiger, Washington, D. C.
Professor Julius Stieglitz, Chicago.
Professor G. L. Teller, Chicago.
A. L. Winton, Wilton, Connecticut.

OBITUARY

DR. JOHN M. DODSON, professor of medicine and from 1899 to 1923 dean of the Rush Medical College, University of Chicago, former editor of *Hygiea*, has died at the age of seventy-four years.

DR. FREDERICK STARR, associate professor of anthropology at the University of Chicago from 1895 to 1923, died on August 14 in Tokyo. He was seventy-four years old.

DR. HARVEY GILMER MUDD, professor of clinical surgery at Washington University, St. Louis, died on August 16, at the age of seventy-five years.

DR. H. G. GREENISH, who recently retired from the professorship of pharmaceuticals to the Pharmaceutical Society of Great Britain and in the University of London, died on August 2, at the age of seventy-eight years.

DR. OTTO STAFF, for thirteen years until his retirement in 1922 keeper of the herbarium and library of the Royal Botanic Gardens at Kew, has died at the age of seventy-six years.

SIR JOSEPH VERCO, consulting physician to the Adelaide Hospital and past president of the Royal Society of South Australia, died on July 30, at the age of eighty-two years.

THE sudden death is announced of Dr. Gustav Embden, professor of physiology in the Institute of Plant Physiology of the University of Frankfurt.

Nature records the following deaths: Professor J. W. Hinton, professor of physics in Ceylon University College, Colombo, formerly lecturer in the University of Otago, New Zealand, on July 15, aged thirty-eight years, and Sir Emery Walker, Sandars reader in bibliography in the University of Cambridge in 1924, an authority on typography, on July 22, aged eighty-two years.

SCIENTIFIC NOTES AND NEWS

THE Frederick Ives Medal for 1933 of the Optical Society of America will be presented to Dr. R. W. Wood, professor of experimental physics at the Johns Hopkins University, at a dinner to be given in his honor. The society meets at the Inn at Buck Hill Falls, Pennsylvania, from October 19 to 21.

THE honorary degree of doctor of science was conferred upon H. A. Schwartz, manager of research of the National Malleable and Steel Castings Company, by the Rose Polytechnic Institute at the fiftieth anniversary commencement exercises of the institute.

DR. SAUL ADLER, professor of parasitology at the Hebrew University in Palestine, has received the Chalmers Gold Medal of the Royal Society of Tropical Medicine and Hygiene, London. The medal has been awarded to Dr. Adler in recognition of his work as director of the Kala-Azar Commission.

WE learn from the *Journal* of the American Medical Association that a portrait of Dr. Walter H. Moursund, dean of Baylor University College of Medicine, Dallas, Texas, was recently presented to the school by the June graduating class. Dr. Raymond S. Willis, president of the graduating class, made the presentation and Drs. William W. Looney and Milford O. Rouse, the acceptance.

DR. ALFRED COEHN, honorary professor of photo-

chemistry at the University of Göttingen, celebrated his seventieth birthday on August 2.

AT the recent meeting of the British Medical Association Dr. Frank W. Ramsay, consulting surgeon to the Royal Victoria Hospital, Bournemouth, and the Victoria Hospital, Wimborne, was chosen as president-elect of the association for 1934-35. He succeeds Dr. Thomas Gillman Moorhead, regius professor of physic at the University of Dublin.

PROFESSOR GILBERT MURRAY has been elected chairman of the International Commission on Intellectual Cooperation. Mme. Curie and Professor Rocco have been elected vice-chairmen.

DR. JEROME CLARKE HUNSAKER, vice-president of the Goodyear-Zeppelin Corporation, known for his contributions to aeronautical engineering, has accepted appointment as head of the department of mechanical engineering of the Massachusetts Institute of Technology. Dr. Hunsaker succeeds the late Professor Edward F. Miller, for many years head of the department.

GEORGE B. KARELITZ has resigned from the position of manager of the marine engineering division of the Westinghouse Electric and Manufacturing Company, South Philadelphia Works, to accept the position of professor of mechanical engineering in Columbia Uni-