

York from September 23 to 25 at the American Museum of Natural History. The council is an official technical advisory board representing the countries of France, Newfoundland, Canada and the United States established in 1921 for the purpose of coordinating fishery investigations by the various countries in the North Atlantic region where nationals of all the countries concerned are engaged in the extensive commercial fisheries.

Owing to the resignation of Dr. Harold Thompson as director of fishery investigations in Newfoundland to undertake the direction of similar work in Australia, that country was not represented, nor was Dr. Edouard le Danois, the French delegate, able to attend. Full delegations from Canada and the United States, however, were present, including Dr. Henry B. Bigelow, chairman of the council; Frank T. Bell and Elmer Higgins, of the Bureau of Fisheries; Wm. A. Found, Deputy Minister of Fisheries, Canada; Dr. A. G. Huntsman, secretary of the council, and Dr. J. P. Murrich, of the Biological Board of Canada. R. H. Fiedler, chief of the Division of Fishery Industries, and I. E. Sette, Wm. C. Herrington and John R. Webster, of the staff of the North Atlantic Fishery Investigations of the Bureau, also attended as technical advisers, together with a corresponding group from Canada. The next meeting of the council will be held early in September, 1937, in some Canadian city to be chosen at a later date.

RECENT DEATHS

DR. JUSTUS WATSON FOLSOM, entomologist of the Louisiana Station of the Division of Cotton Insect Investigations, Bureau of Entomology and Plant Quarantine, U. S. Department of Agriculture, at Tal-

ulah, and previously for about twenty-five years a member of the faculty of the University of Illinois, died on September 24 at the age of sixty-five years.

DR. SAMUEL MONTGOMERY KINTNER, vice-president in charge of engineering of the Westinghouse Electric and Manufacturing Company, formerly professor of electrical engineering at the University of Pittsburgh, known for his work on radio communications and broadcasting, died on September 28 at the age of sixty-four years.

DR. GEORGE A. MACCALLUM died on September 30 at the age of ninety-three years. Dr. MacCallum, who was the father of Dr. William G. MacCallum, professor of pathology and bacteriology at the Johns Hopkins University, was born and for many years practised medicine in Canada. Later, as a student of parasitology, he was connected with the New York Zoological Park, the Aquarium and the American Museum of Natural History.

Nature records the death on August 18 of Dr. W. H. Harrison, formerly Imperial agricultural research chemist for the Government of India, lately acting agricultural adviser, aged fifty-nine years.

DR. F. J. F. SHAW, director of the Agricultural Research Institute at Pusa, India, officiating as agricultural expert to the Imperial Council of Agricultural Research, died on July 29.

DR. ROBERT STIRTON THORNTON, an organizer of the Canadian Medical Association, formerly minister of education for Manitoba, died on September 18 at the age of seventy-three years. Dr. Thornton served in the Manitoba Legislature as a liberal member for eleven years, seven with a minister's portfolio.

SCIENTIFIC NOTES AND NEWS

At the forty-first annual convention of the American Academy of Ophthalmology and Otolaryngology, in session in New York City last week, the Lucien Howe Medal "for outstanding achievement in ophthalmology" was presented to Sir John Herbert Parsons, London.

AN honorary doctorate has been conferred by the University of London on Dr. Max Planck, professor of physics at the University of Berlin, president of the Kaiser Wilhelm Society for the Advancement of Science.

Nature reports that Sir Arthur Smith Woodward, Sir Charles Sherrington, M. Ruzicka and M. Bottazzi have been elected associates of the Royal Academy of Belgium. Professor F. van den Branden, professor of clinical urology in the University of Brussels, and

Professor H. Fredericq, professor of zoology in the University of Liège, have been elected correspondents of the academy.

It is stated in the *Journal* of the American Medical Association that, at a recent meeting of the international committee awarding prizes for the best works on rheumatism at Moscow, Professor Intvar, of Lund, Sweden, Professor van Breemen, of the Netherlands, Professor Maximilian P. Conchalovsky and Professor G. M. Danichevsky, of Moscow, were present. Forty-two scientific works were reviewed. The prize of \$10,000 was divided in equal parts among Professor Calniere, of Stockholm; P. Wayle, of Paris; Schlesinger, of London, and Freinshed, of Vienna.

THE thousand dollar prize of the *Readers Digest* has been awarded to Dr. Wilton Marion Krogman, asso-

ciate professor of anthropology of the School of Medicine of Western Reserve University. The title of the article for which the prize was awarded is "The Skeleton Speaks." It gives a popular account of some of his medico-legal interpretations of crime.

UPON his retirement from the deanship of the Graduate College of the State University of Iowa, which he has held for twenty-eight years, Professor Carl E. Seashore has been made dean emeritus. He is succeeded in the deanship by Dr. George D. Stoddard, professor of psychology and director of the Child Welfare Research Station. Professor Seashore will continue to devote his time to the direction of research in the department of psychology.

PROFESSOR EDWARD SAMPSON has at his request been retired as chairman of the department of geology at Princeton University, in order that he may have more time to devote to research. Professor A. F. Buddington has assumed the chairmanship of the department, and Newton E. Chute has been appointed instructor in economic geology.

DR. CARL MURCHISON has resigned from a professorship of psychology at Clark University. He will devote his time to the editing of the five psychological journals now published under his direction. He can be addressed at The Journal Press, Provincetown, Mass.

DR. JOHN WILLIAM MCNEE, formerly associate professor of medicine and associate physician at the Johns Hopkins University and Hospital, has been appointed regius professor of the practice of medicine at the University of Glasgow, in the place of Professor T. K. Monroe, who recently resigned.

DR. ELDRIDGE L. ELIASON, until recently professor of clinical surgery at the School of Medicine of the University of Pennsylvania, has been appointed John Rhea Barton professor of surgery. He succeeds the late Dr. Charles H. Frazier, of whom he was a former student. Dr. Eliason was appointed assistant instructor in surgery in the medical school in 1907.

DR. P. W. WHITING has been appointed associate professor of zoology at the University of Pennsylvania. He will have charge of the work in genetics.

DR. WARREN N. KECK, of the University of North Dakota, has been appointed instructor in biology at Coe College, Cedar Rapids, Iowa.

THE Ramsay Memorial Fellowship Trustees have made the following awards for the year 1936-37 at University College, London: Dr. E. D. Hughes, British fellowship of £300, tenable for two years; R. R. Gordon, Glasgow fellowship of £300, tenable for two years; Dr. Daniel Porret, Swiss fellowship of £300.

The following fellowships have been renewed: Dr. N. Ando, Japanese fellow, University College, and C. S. Lees, British fellow, and Dr. D. MacGillavry, Netherlands fellow, both of the University of Cambridge.

DR. HAROLD THOMPSON, of Newfoundland, has been given charge of fishery investigations under the British Department of Scientific and Industrial Research, which is providing £80,000 over five years, including the cost of a deep-sea trawler. The possibility of using non-edible fish as fish-meal, methods of quick freezing and the canning of edible fish will be investigated.

DR. ALFRED GILMAN, assistant professor of pharmacology and toxicology at Yale University, has been awarded a research grant from the Committee on Scientific Research of the American Medical Association. The grant will be applied to a study of the physiology of the antidiuretic hormone of the posterior pituitary gland. A report describing the nature of the problem and preliminary results was published in the issue of SCIENCE for July 3, 1936.

IN the report in SCIENCE of the awards made by the academies of the southeastern United States, it was stated that an award of \$25 had been made to Dr. Frederick W. Kinard. This award was made jointly to Dr. Kinard and Dr. Foster N. Martin, Jr., of the South Carolina Academy of Science, for a paper entitled "A Study of Blood Histamine in Normal and in Burned Dogs."

DR. FRANKLIN HOLLANDER, until recently of the School of Dentistry of Columbia University, has been appointed fellow in gastro-enterology research at the Mt. Sinai Hospital, New York City, where he will continue his work on the chemical physiology of the digestive tract.

THE State Board of Control of Florida has announced the appointment at the University of Florida of Percy W. Frazer, of the U. S. Forest Service, Baldwin, Mich., to the fellowship in forestry in the department of chemistry for the study of "Some Phases of the Cellulose and Naval Stores Industry of the South," and the appointment of James W. Miller, Jr., from the U. S. Timber Type Survey, Chipley, to the fellowship in the department of botany, to study "The Ecology of the Slash Pine." The department of forestry at the university has recently acquired title to 1,500 acres of forest lands in the vicinity of the university.

O. T. KREUSSER, for the last five years director of the Museum of Science and Industry, Chicago, resigned on October 1 to become a member of the research staff of the General Motors Corporation.

ROBERT T. ORR, of San Francisco, recently of the U. S. National Park Service, has been appointed assistant curator in the department of ornithology and mammalogy of the California Academy of Sciences, to fill the position left vacant by the recent resignation of Mrs. M. E. Davidson.

DR. ALEXIS CARREL, member of the Rockefeller Institute for Medical Research, arrived in New York on September 28, after having spent the summer in Europe.

PROFESSOR HERMANN WEYL, of the Institute for Advanced Study, who has been in Europe during the summer, has returned to Princeton.

PROFESSOR HANS FISCHER, of the University of Munich, recently visited the C. F. Kettering Foundation for the Study of Chlorophyll and Photosynthesis at Antioch College.

DR. CHARLES ZELENY, professor of zoology at the University of Illinois, on account of ill health has leave of absence for the first semester of this year. His work as head of the department is being carried on by a committee of three of its members.

JOSEPH R. SLEVIN, curator of herpetology at the California Academy of Sciences, left for Australia on September 5. He will collect reptiles and amphibians in various parts of eastern Australia during the next five months for the academy, supplementing previous collections made by him in the same region and in western Australia.

DR. PAUL DUDLEY WHITE, assistant professor of medicine at the Harvard Medical School, will deliver the principal address at the observance of Ether Day at the Massachusetts General Hospital on October 16. On this occasion there will be a buffet luncheon, followed by a scientific program.

THE United States Civil Service Commission announces open competitive examinations for the positions of principal fuel technologist, \$5,600 a year; senior fuel technologist, \$4,600 a year, and fuel technologist, \$3,800 a year. Vacancies in these positions in Washington, D. C., and in the field, and in positions requiring similar qualifications will be filled from these examinations, unless it is found in the interest of the service to fill any vacancy by reinstatement, transfer or promotion. The salaries named above are subject to a deduction of 3½ per cent. toward a retirement annuity. At present there are vacancies in these positions in the Bureau of Mines, Department of the Interior, with headquarters at the Pittsburgh Experiment Station, Pittsburgh, Pa., which will be filled as a result of these examinations. The duties incumbent on these positions are: To administer, direct, plan or

conduct research in fuel and coal technology at the Pittsburgh Experiment Station of the Bureau of Mines at Pittsburgh, Pa.; and to consult and advise on scientific, engineering and development problems at other bureau stations and in the field, relating to the preparation, processing and utilization of coal and coal products. Competitors will not be required to report for examination at any place, but will be rated on their education and experience on a scale of 100, such ratings being based upon competitors' sworn statements in their applications and upon corroborative evidence. Applications must be on file with the United States Civil Service Commission at Washington, D. C., not later than October 26, 1936.

THE third International Congress on Malaria, which was to have been held in Madrid from October 12 to 18, has been postponed on account of the present situation in Spain. It is hoped to hold the congress some time during the spring or summer of 1937. Dr. E. Luengo, Madrid, is general secretary.

THE fourth International Conference of Agricultural Economists was held at the University of St. Andrews during the first week of October. The first conference was held at Dartington Hall, Devon, the second at Cornell University and the third in Germany. L. K. Elmhirst, of Dartington Hall, presided. The opening paper was by Professor W. R. Scott, of Glasgow, on "The Relation of Agriculture to Industry and the Community." Other discussions were on "The Relation of Land Tenure to the Economic and Social Development of Agriculture," "Farm Organization, with Special Reference to the Need of the Technical, Industrial and Economic Development of Agriculture" and "The Problems of Consumption of Agricultural Produce." There were also papers on land tenure research, part-time farms for industrial workers, agricultural credit, milk marketing and international trade policy.

THE forty-seventh annual meeting of the Association of American Medical Colleges will be held in Atlanta, Ga., from October 26 to 28.

THE Association of Land Grant Colleges and Universities will hold its annual meeting at Houston, Texas, on November 16, 17 and 18, under the presidency of Dr. J. G. Lipman, of Rutgers University.

THE twenty-first annual meeting of the Optical Society of America will be held at the Hotel Pennsylvania, New York, N. Y., from October 29 to 31. This meeting is a joint one with the other founder societies of the American Institute of Physics, and a special program has been prepared which includes symposia as follows: *Training of Physicists for Industrial Positions*, sponsored by the American Asso-

ciation of Physics Teachers, the speakers being Dean Homer L. Dodge, University of Oklahoma, and Dr. A. R. Olpin, Kendall Mills. *Physics in Industry*, Dr. E. C. Sullivan, Corning Glass Works; Dr. Zay Jeffries, General Electric Company; Dr. Paul D. Foote, Gulf Research and Development Company; Dr. J. P. Den Hartog, Harvard University; John Ely Burchard, Bemis Industries, Inc.; E. O. Buckley, Bell Telephone Laboratories; Dr. Clark B. Millikan, California Institute of Technology, and Joseph Slepian, Westinghouse Electric and Manufacturing Company. *The Applications of Optics in Modern Science*, Dr. Saul Dushman, General Electric Research Laboratory; Professor E. R. Schwarz, Massachusetts Institute of Technology, and Dr. Magnus Gregersen, University of Maryland. On Friday evening there will be a joint dinner of all the founder societies.

A SERIES of lectures in industrial chemistry and chemical engineering will be presented by specialists of the Mellon Institute of Industrial Research, Pittsburgh, during 1936-37. The course opened on October 1. These discourses, which will be delivered on alternate Thursdays, at 11:30 to 12:30 throughout both semesters, will be open to all students of industrial chemistry and chemical engineering in the University of Pittsburgh as well as to members of the institute. The lecturers and their subjects follow: Dr. E. R. Weidlein, "The American Chemical Industries and Their Problems"; R. H. Heilman, "Heat-Insulating Materials"; Dr. T. A. Wilson, "Radiations and Their

Utility in the Industries"; Dr. F. W. Adams, "Recent Progress in the Production of Heavy Chemicals"; Dr. G. J. Bair, "Silicon Compounds"; Dr. F. J. Williams, "Barium Products"; D. G. Bennett, "Sanitary Enamels"; Dr. E. P. Breakey, "Insecticides and Fungicides"; Dr. E. P. Barrett, "Bone Products"; H. F. Robertson, "Synthetic Organic Chemicals"; Dr. R. L. Wakeman, "Synthetic Resins"; Dr. J. D. Jenkins, "Modern Lacquers"; Dr. W. B. Burnett, "New Textile Products," and Dr. H. K. Salzberg, "Dairy Products and Their Markets."

FRANCIS H. ALLEN, chairman of the directors of the Massachusetts Audubon Society and vice-president of the Federation of the Bird Clubs of New England, writes: "The account in SCIENCE of October 2 of the recent merger of the Federation of the Bird Clubs of New England with the Massachusetts Audubon Society needs a little emendation. It should be made clear that the Federation goes out of existence and that the Audubon Society takes over certain important properties, but continues under its present name, with Mr. Buchheister succeeding Mr. Packard as its secretary-treasurer and executive officer. Of the eleven reservations enumerated, only two—the Annie H. Brown Wild Life Sanctuary on Plum Island and Tern Island, off Chatham, Massachusetts—become the property of the Audubon Society, the others having been previously given to the State of Massachusetts in accordance with the purpose for which they were acquired."

DISCUSSION

NEW RACIAL BLOOD GROUP STUDIES IN EUROPE AND EGYPT

DURING the year 1935-1936, the authors carried out studies on the frequencies of the Landsteiner blood groups and the newer M and N groups of Landsteiner and Levine. The opportunity was taken to observe also the frequency of certain other hereditary factors, such as the ability to taste phenyl-thio-carbamide.¹ Work was carried out in Cairo, Kharkov, Tiflis, Zagorsk (near Moscow), 5 Welsh towns (Llangefni, Caernarvon, Bangor, Machynlleth, Tregaron), Dublin, San Sebastián and Assiut. So far as the authors are aware, no work on the Landsteiner groups has been published from any of these places except the first three, data on M and N have appeared only from the first and data on "taste blindness" only from the last. The most interesting results obtained would seem to be the following.

Two places were found where the percentage of N

is significantly lower than the rather consistent figures thus far obtained for Europe (Zagorsk and Tiflis). It will be recalled that the only previous instance of this was furnished by the North American Indians.²

Contrary to what might have been expected, no significant difference in blood group frequencies was found between the Copts and Mohammedans in Egypt. In Assiut, the percentage of B was definitely higher than in Cairo (30.5 vs. 25.3).

The blood group formula of the Basques (San Sebastián), apparently similar to that of the Australian aborigines and certain American Indians, is probably O = ca. 60 per cent., A = ca. 40 per cent. (actually found: Basques—O = 56.0, A = 40.5, B, 1.3, AB, 2.2; non-Basques—O, 45.9, A, 46.5, B, 5.0, AB, 2.6. The small amount of B found might be readily ascribed to mixture with non-Basques.

² A. S. Wiener, "Blood Groups and Blood Transfusions," pp. 132 and 169. Springfield: Charles C Thomas, 1935.

¹ L. W. Parr, *Jour. Hered.*, 25: 187, 1934.