

leyan (2), Colby (1), Massachusetts Agricultural College (1), Teachers School of Science (1), Union College (1), University of Witwatersrand, South Africa (1). Ten institutions were represented by forty-one persons.

On October 12 the group studied the gabbro-diorite series in the vicinity of Arlington and Medford. Pink granites and pegmatites were found cutting and permeating the diorites and the discussion centered about the age of these intrusions. Were they contemporaneous differentiates of the gabbro-diorite batholith or did they represent a later petrogenic cycle? On October 13 the rocks along the coast between West Manchester and Beverly were studied, and a number of the party visited Salem Neck. The complex of alkaline dikes (sölvbergite, tinguaita, camptonite) attracted the most attention.

W. G. FOYE,
Secretary

BOTANY AT CINCINNATI

BECAUSE of its general interest to botanists in their individual and organization plans for the Cincinnati meeting of the American Association for the Advancement of Science it seems desirable to announce in advance the program which has been arranged for the joint meeting of Section G with other botanical organizations. It has been planned that this program be given on the afternoon of the first full day of the session, Friday, December 27. In addition to the address of the retiring vice-president of Section G, Dr. F. E. Lloyd, who will speak on "The fluorescent colors of plants: their mode of occurrence and meaning," three invitation papers will be presented,—

The relation of environment to disease in plants: DR. L. R. JONES.

Recent advances in cytology: DR. L. W. SHARP.

Cell activity and H-ion concentration—some problems in metabolism and absorption: DR. B. M. DUGGAR.

ROBERT B. WYLIE
Secretary of Section G

SCIENTIFIC NOTES AND NEWS

CHARLES PROTEUS STEINMETZ, consulting engineer of the General Electric Company and professor of electrophysics in Union College, died at his home at Schenectady on October 26, at the age of fifty-eight years.

ACCORDING to a cablegram from Stockholm, the Nobel Prize for medicine for 1923 has been awarded to Dr. F. G. Banting and Dr. J. J. R. MacLeod, of Toronto, for their discovery of insulin.

At a special convocation on October 8, Syracuse University granted the honorary degree of Doctor of

Science to distinguished delegates from foreign countries attending the World's Dairy Congress at Syracuse. Recipients of this honor were: Professor Orla-Jensen, of Denmark; Professor Haakon Isaachsen, of Norway; Dr. Robert Burri, of Switzerland; Gerald Leighton, M.D., of Scotland; Robert Stenhouse-Williams, M.D., D.P.H., of England; Sir Arnold Theiler, D.V.M., D.Sc., of South Africa; Charles Porcher, of France; Professor Masayoshi Sato, of Japan, and Charles Hastings, M.D., LL.D., of Canada. The degree of LL.D. was bestowed upon Professor Van Norman, dean of the University Farm School, University of California and president of the World's Dairy Congress, and upon Cesare Longobardi, LL.D., chief of the Statistical Bureau of the International Institute of Agriculture, Italy.

At the inauguration on October 18 of Dr. George Johnstone Trueman as president of Mount Allison University, Sackville, N. B., Canada, the degree of doctor of laws was conferred on Dean F. D. Adams, professor of geology, McGill University, and on Professor R. C. Archibald, professor of mathematics, Brown University.

THE Academy of Medicine of Mexico, has elected as honorary members Dr. W. J. Mayo, of Rochester, Minn., and Dr. A. J. Ochsner, of Chicago.

THE Chalmers gold medal for the best work on tropical medicine by investigators under the age of forty-five years has been awarded to Dr. Roubaud, general secretary of the Société de Pathologie exotique of Paris.

DR. B. T. BALDWIN has been elected president of the University of Iowa Research Club which consists of seventy head and research professors from the various colleges and departments in the state university.

DR. R. B. SOSMAN, of the Geophysical Laboratory, Washington, D. C., has been appointed by the National Research Council as American member on the permanent committee for the standardization of physico-chemical symbols of the International Union of Pure and Applied Chemistry. The other members of the committee are: Professor Ernst Cohen, University of Utrecht, chairman; Professor Alexander Findlay, University of Aberdeen, and Professor Charles Marie, Sorbonne.

SIR ARCHIBALD GARROD, M.D., F.R.S., regius professor of medicine in the University of Oxford, has been appointed a member of the Medical Research Council in succession to Professor F. Gowland Hopkins, F.R.S., who retires by rotation. The appointment of Sir Archibald Garrod was made by the committee of the Privy Council for medical research,

after consultation with the Medical Research Council and with the president of the Royal Society.

RAYMOND B. LADOO, M.E., has resigned his position at the Bureau of Mines, Washington, D. C., to become general manager of the Southern Minerals Corp., Cleveland, Tenn.

DR. GEORGE H. PETHYBRIDGE, formerly mycologist of the Department of Agriculture and Technical Instruction for Ireland, has resigned to accept the position of mycologist for the Ministry of Agriculture and Fisheries of England. Dr. Pethybridge is working at the Pathological Laboratory, Milton Road, Harpenden, Herts, England. The position of mycologist for the Department of Agriculture in Dublin has been abolished. Dr. P. A. Murphy, formerly assistant to Dr. Pethybridge has been placed in charge of the research work in plant pathology while the other assistant, Mr. H. A. Lafferty, has been appointed head of the Irish Department Seed Testing Station.

MR. LAWRENCE OGILVIE, graduate of Aberdeen University, who has recently completed his graduate work in science at Cambridge, has been appointed plant pathologist to the Bermuda Department of Agriculture. His address is Paget East, Bermuda.

It is reported from Vienna that Professor Sigmund Freud, founder of psychoanalysis, underwent, on October 21, a serious operation in a Vienna hospital. His condition is said to be favorable, but Dr. Freud is now more than seventy years of age.

DR. E. PERRONCITO, professor of pathology at Turin, retires from his chair this year, having reached the age limit. He is to preside at the postponed international congress on comparative pathology that was to have convened in Italy this year.

THE *Journal* of the American Medical Association reports that Dr. Clemens F. Pirquet, for two weeks head of the department of pediatrics at the University of Minnesota, has resigned and will return at once to Vienna, Austria. The principal reason for leaving given in a statement by Dr. Pirquet was that the research work in which he is engaged requires a large amount of clinical material and an organized hospital and that the comprehensive plans for a hospital provided by the Eustis bequest would require considerable time for completion. Dr. Pirquet also expressed a feeling of homesickness for his Vienna hospital and of inability to adapt himself to his new conditions; a third reason was the continued illness of Mrs. Pirquet since her arrival in the United States.

T. E. SWIGART, superintendent of the Petroleum Experiment Station of the Bureau of Mines, at Bartlesville, Oklahoma, has been granted a furlough of

some months to respond to a call to India by the Attock Oil Company, Ltd., to assist in solving operating troubles of the company's holdings. During Mr. Swigart's absence, M. J. Kirwan, petroleum engineer, will serve as acting superintendent of the Bartlesville Station.

ZAI-ZIANG ZEE, head of the department of chemistry of the College of Yale in China, is taking a course in chemistry this year in the Yale Graduate School with a view to securing his doctor's degree.

DR. COLIN G. FINK, of the division of electrochemistry of Columbia University, addressed the chemists of the Dow Chemical Company, Midland, Mich., on "Metallurgical Research" at their October meeting.

PROFESSOR WILLIAM SNOW MILLER, of the department of anatomy, of the University of Wisconsin, repeated at the September session of the School of Tuberculosis held at the United States Veterans' Hospital at New Haven, Connecticut, the series of lectures given at the March session on "The anatomy of the lung and its relation to certain phases of tuberculosis."

PROFESSOR HANS DRIESCH, of the University of Leipzig, gave a lecture on "Mind and Body" in the medical amphitheater of Johns Hopkins Hospital on October 16.

AN inaugural lecture on the present tendencies and future compass of physiological science was given by Professor A. H. Hill, F.R.S., at University College, London, on October 16. The chairman was Professor E. H. Starling, F.R.S., Foulerton professor of physiology, and Professor Hill's predecessor in the chair he now holds.

THE centenary of the birth of Henri Fabre, the distinguished French naturalist, will be celebrated by the erection of a monument at Sérignan. A committee has been formed for this purpose under the patronage of the president of the French Republic. Subscriptions may be sent to M. Henry de la Pailloune, mayor of Sérignan (Van Cleuse).

DR. HENRY J. BARNES, professor of hygiene at the Tufts College Medical School for many years, has died in Northboro, Mass., at the age of seventy-five years.

PROFESSOR A. D. PITCHER, head of the department of mathematics in Adelbert College, Western Reserve University, died on October 5, at the age of forty-three years.

PROFESSOR ERNEST SALKOWSKI, director of the chemical laboratory of the Berlin Charité Hospital, known for his work on physiological chemistry, has died at the age of seventy-nine years.

JULES VIOL, professor of physics at the Conservatoire des Arts et Métiers, died on September 12, aged eighty-four years.

THE deaths are announced of Dr. P. Friedländer, professor of organic chemistry in the Technical School at Darmstadt, and of Alexander Ellinger, professor of pharmacology at Frankfort.

DR. W. V. BINGHAM, of Carnegie Institute of Technology, Pittsburgh, has been elected editor and Dr. L. L. Thurstone, of Washington, D. C., associate editor of the *Journal of Personnel Research*. Dr. C. S. Yoakum continues as managing editor of the *Journal* which is now entering on its second volume. The other members of the editorial board are Wesley C. Mitchell, Alice Hamilton, Frankwood E. Williams, R. W. Husband, Matthew Woll, Leonard Outhwaite, Joseph K. Willets, Lewis M. Terman, Alfred D. Flinn and Mary Van Kleeck. This journal is the official organ of the Personnel Research Federation whose purpose is the furtherance of research activities pertaining to personnel in industry, commerce, education and government.

THE American Fisheries Society held its fifty-third annual meeting in St. Louis, at the Hotel Statler, on the 17, 18 and 19 of September. President Glen C. Leach, of the Bureau of Fisheries, Washington, presided. There were eighteen papers presented by members of the society and a symposium on "Food and feeding of fish." Some of the best authorities on fish culture took part in this discussion. The officers for the coming year are: *President*, Dr. George C. Embury, Ithaca, New York; *Vice-president*, Eben W. Cobb, St. Paul, Minnesota; *Executive Secretary*, John W. Titcomb, Hartford, Connecticut; *Recording Secretary*, Floyd Young, Chicago, Illinois; *Treasurer*, T. E. B. Pope, Milwaukee, Wisconsin.

AT its 266th meeting, held on October 9, the Elisha Mitchell Scientific Society celebrated its fortieth anniversary. Dr. F. P. Venable, the first president of the society, and the only surviving member of its founders, reviewed the forty years of its history in a paper entitled *Historical Sketch of the Elisha Mitchell Scientific Society*. Dr. W. C. George presented a paper entitled *Some Peculiar Amoeboid Cells in Perophora*. Fifteen men were elected to active membership and sixty-four to associate membership.

PROFESSOR E. PERRONCITO, of Turin, president of the International Congress on Comparative Pathology, announces its further postponement until 1924. It had been finally scheduled to meet at Rome on October 7, but the committee on organization was unable to make full preparation for it.

THE fifth commission of the League of Nations has adopted a resolution presented by M. Jacques Bar-

doux (France) recommending the transformation of the secretaryship of the commission on intellectual co-operation into an international bureau for the collection and distribution of information of interest to universities.

A PERMANENT organization to be known as the National Bollweevil Control Association was created on October 26, marking the end of the bollweevil menace conference at New Orleans. The association will be perfected by an executive committee of twenty-two members, representing the varied interests of the cotton industry. Claude G. Rives, Jr., of New Orleans, president of the Louisiana Bankers' Association, chairman of the conference, named part of this committee, which will meet on November 17 in New Orleans, when the full personnel will have been named. Those already named on the committee include: from the Department of Agriculture, W. D. Hunter and B. R. Coad, who is in charge of the Federal bollweevil experimental station at Tallulah, La.; from the Association of Southern Agricultural Workers, W. E. Hinds, of the Alabama Polytechnic Institute, and D. C. Hull.

A MEETING of the International Eugenics Commission was held in Lund, September 1-3, 1923. The following members were present: Major Leonard Darwin, Doctors Jon Alfred Mjøen, H. H. Laughlin, George P. Frets, Herman Lundborg, W. Johannsen, S. Hansen, M. A. Van Herwerden and H. Nilsson-Ehle. A definite invitation to have the next International Congress of Eugenics meet in Prague was received from Professor Rüzička. The exact date is undetermined. Dr. August Forel, of Switzerland, was added to the commission.

THE Birth Rate Congress held its final meeting at Marseilles on September 30 under the presidency of M. Paul Strauss, the minister of hygiene. Telegrams were addressed by the Congress to M. Millerand, president of the Republic, and M. Poincaré, urging them to support the reforms necessary to remedy the evil of depopulation. A letter from M. Maurice Barrès was read, in which amendments to the laws of inheritance, which were declared to be one source of depopulation, were asked for.

THE fifteenth session of the International Institute of Statistics was held at Brussels during the first week in October under the presidency of M. Delatour, of the Institute of France.

THE Michael Reese Hospital, Chicago, announces the establishment of two fellowships of \$30,000 each and two research funds of \$50,000 each; the first by Mr. and Mrs. John Hertz, the second by the trustees of the Joseph G. Snyder estate, the third by the

trustees of the Gusta Morris Rothschild estate and the fourth by Albert Kuppenheimer.

PROFESSOR BROUWER, of Delft, Holland, has sent a set of invertebrate fossils of Permian age to the geological museum of the University of Michigan. Professor Brouwer, who was the exchange professor with Professor W. H. Hobbs of the department of geology last year, made the collection in the Dutch East Indies.

THE legacy of one million francs left by the late Prince Albert of Monaco to the French Academy of Medicine, is to be used to found a prize for doctors for certain kinds of medical service or discoveries. It is intended that the value of the prize shall be 120,000 francs and that it shall be awarded once every two years. The council of the academy has not yet decided whether the prize is to be international.

A SOCIETY of Bologna has founded an endowment of 6,000 francs yearly for an Italian student of physics and chemistry who wishes to do research work in the Curie Laboratory, Paris. The fellowship is endowed for ten years.

A PARTY from the public health service in Mexico has been visiting the Institute for Tropical Medicine at Hamburg, to aid in establishing closer relations between the institute and the state of Mexico.

THE British Department of Scientific and Industrial Research announces that a license has been issued by the Board of Trade to the Research Association of British Flour Millers under the conditions laid down in the Government scheme for the encouragement of industrial research.

ACCORDING to figures of the United States Forest Service compiled for the fiscal year ended June 30, revenues from sales of timber and livestock grazing permits and use of forest lands for summer homes and hotels brought in \$5,335,818. This amount is about \$1,000,000 larger than the average annual receipts of the preceding five years. Of the receipts, \$1,371,551 will be paid over to states containing national forests for use as school and road funds of the counties in which the national forests are located. An additional \$528,569 will be used in building roads and trails in the forests. Twenty-seven states and Alaska shared in the distribution, California receiving \$445,675.

THE London School of Tropical Medicine has arranged to send an expedition to Samoa to study the prevention of elephantiasis and filariasis, diseases which affect 85 per cent. of the inhabitants of the Samoan group. The expedition will have its headquarters at Apia and will be away for two years; it will work in cooperation with the New Zealand government, which is responsible for the administration of Samoa. The expedition, which will leave England on November 15, will be under the leadership of Dr.

Patrick Buxton, who did valuable work on entomology in Mesopotamia during the war, and has recently been entomologist to the Palestine Government at Jerusalem.

UNIVERSITY AND EDUCATIONAL NOTES

MR. EDWARD and MISS ADA DOERNBECHER, of Portland, Oregon, have recently donated \$200,000 to the University of Oregon Medical School to be used in the construction of the Doernbecher Memorial Children's Hospital on the campus of the medical school.

CHARLES STILLMAN, of New York City, has given to Yale University the sum of \$100,000 to establish the James Raymond Goodrich Scholarship Fund to provide each year ten scholarships of \$500 each, to be awarded to students of exceptional character and ability.

FORMAL dedication of the new pathological laboratory building of the Johns Hopkins Medical School was held on November 1. Addresses were made by Dr. Frank J. Goodnow, president of the university; Dr. William G. MacCallum, Baxley professor of pathology, and Dr. William H. Welch, director of the Johns Hopkins School of Hygiene and Public Health.

FRANK DICKSON, for the past three years instructor in plant pathology in Cornell University, has been appointed assistant professor in plant pathology in the University of British Columbia, Vancouver, B. C.

DR. M. A. CHRYSLER has resigned his position as head of the department of biology of the University of Maine to accept a position in the department of botany of Rutgers College.

DR. W. A. WHITESELL, of the Johns Hopkins University, has accepted a position as associate professor of chemistry at the University of South Carolina.

DR. FRANKLIN C. MCLEAN, for several years director of the Peking (China) Union Medical College, has been appointed professor of medicine at the University of Chicago Medical School.

DISCUSSION AND CORRESPONDENCE

THE FIRE IN CALIFORNIA

It appears that the accounts of the great conflagration of September seventeenth in Berkeley, which appeared in the public press in various parts of the world, were inaccurate in various degrees, and it seems advisable that a correct statement of the salient facts be published.

A grass, brush and forest fire in the hills northeasterly from Berkeley, fanned by an extremely strong northeast wind, got beyond control and between the hours of 2:45 p. m., and 5:15 p. m., spread over