

Thus, if specimens of a certain plant have been collected in Wayne, Lehigh and Westmoreland Counties, that information is entered on the card under those counties. In each instance, there is recorded the exact locality where the specimen was found; the collector's name, date of collection and the institution having the specimen on deposit. Accompanying each card, which measures ten by fourteen inches, there is a second card bearing an outline map of the state with county divisions and outstanding physical features. On these maps small dots are placed to designate localities at which the specimens of a particular species have been found. The completed map therefore enables students to visualize at a glance the exact known distribution of a given species within the state and to determine the physical factors controlling its occurrence.

Only one set of maps and cards is being prepared for each species, but they are so designed as to lend themselves readily to reproduction on micro-film. Thus it will be possible to furnish to interested institutions and individuals a copy of all records made. Eventually, the entire results of the study will be published in a volume which will include not only the information on the cards and maps, but also data concerning soil conditions, climatic factors and other dynamic influences affecting distribution of the native plants.

The 300,000 specimens upon which records and information essential to the study are based are distributed approximately as follows: The Carnegie Museum and the University of Pittsburgh, 100,000; the Academy of Natural Sciences in Philadelphia, 100,000; the University of Pennsylvania, 50,000, and the State Herbarium and Pennsylvania State College, 25,000 each.

HONORARY MEMBERS OF THE HORTICULTURAL SOCIETY OF NEW YORK

THE Horticultural Society of New York, in tribute to outstanding horticulturists of the United States, has elected the following to honorary membership:

Professor Liberty Hyde Bailey, professor of horticulture at Cornell University from 1888 to 1903; dean and director of the New York State College of Agriculture from 1903 to 1913 and now emeritus professor of agriculture at Cornell.

Dr. David Fairchild, member of staff of the Bureau of Plant Industry, United States Department of Agriculture, from 1889 until his recent retirement as senior agricultural explorer.

Dr. U. P. Hedrick, until his recent retirement director for many years of the New York State Agricultural Experiment Station at Geneva. He was the recipient of the White Medal for horticultural work in 1926 and the Wilder Medal in 1930.

William Hertrich, superintendent of the Huntington Garden, San Marino, Calif.

Dr. J. Horace McFarland, leader in conservation and development of parks; president emeritus of the American Rose Society; lecturer, author, developer of Breeze Hill Gardens for testing roses and other ornamental plants and recipient of George Robert White Medal of honor for horticulture.

B. Y. Morrison, principal horticulturist in charge of the division of plant exploration and introduction of the United States Bureau of Plant Industry since 1934; acting director of the National Arboretum in 1937 and since 1926 editor of the *National Horticultural Magazine*.

Professor A. P. Saunders, professor of chemistry at Hamilton College, Clinton, N. Y., since 1900, and dean of the faculty from 1909 to 1926; noted for his work in plant breeding and the promotion of horticulture.

John C. Wister, secretary of the Pennsylvania Horticultural Society for many years and director of the Arthur Hoyt Scott Foundation for Horticulture.

THE DUNDEE MEETING OF THE BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

THE British Association for the Advancement of Science will meet at Dundee, Scotland, from August 30 to September 5. The inaugural general meeting will take place in Caird Hall, City Square, at 8:30 P.M. on Wednesday evening, August 30, when Sir Albert Seward will deliver the presidential address on "The Western Isles through the Mists of Ages."

The preliminary program states that having in view the aims, which are among those prescribed for the association in the first statute adopted on its foundation, namely, "to obtain more general attention for the objects of science, and the removal of any disadvantages of a public kind which impede its progress," the council, in cooperation with the sections and the Division for the Social and International Relations of Science, have considered the growing strength of the public demand for a more systematic presentation of selected subjects of scientific investigation in their bearing on the life of the community. It calls special attention to this division, which was established at the Cambridge meeting in 1938 and which will hold sessions during the Dundee meeting. The following provisional program is being arranged:

Thursday, August 31. Afternoon session for papers and discussion on the coordination of scientific research on population and other topics.

Sunday, September 3. Evening meeting, open to members and the public, at which Sir Richard Gregory, Bart., chairman of the division, will deliver an address on "Science and Social Ethics."

Wednesday, September 6. Morning session devoted to discussion on nutrition.

The division is empowered to hold sessions at times

and places other than those of the annual meetings of the association and arrangements are in hand for:

A meeting in London in May for papers and discussion on certain aspects of the work of the division, including a review of its first year's work, and a meeting in Manchester during the early summer, in collaboration with the Manchester Literary and Philosophical Society, at which the Alexander Pedler Memorial Lecture will be delivered by Professor H. Levy on methods of studying the social problems of science.

Two evening lectures will be given, taking the place of the customary evening discourses:

Sunday, September 3. The address by Sir Richard Gregory, Bart., on "Science and Social Ethics," announced above.

Tuesday, September 5. Address by Dr. Isaiah Bowman, president of the Johns Hopkins University, under the arrangement concluded last year with the American Association for the Advancement of Science, by which, in alternate years, a speaker from America will be invited by the British Association, and one from Britain by the American Association.

Public lectures will be given in Dundee and neighboring towns during the period of the meeting.

Two previous meetings of the British Association have been held in Dundee, in 1867 under the presidency of the Duke of Buccleuch, and in 1912 under that of Sir Edward Sharpey Schafer. The meeting in 1912 was the occasion of a splendid act of generosity by a citizen of Dundee, the late Sir James Caird, whose gift of £11,000 to the funds of the association enabled it to commemorate his name in the Caird Fund, which is devoted to scientific research.

THE FIFTIETH ANNIVERSARY OF THE JOHNS HOPKINS HOSPITAL

THE fiftieth anniversary of the founding of the Johns Hopkins Hospital was celebrated on May 4, 5 and 6. The first exercises opened in Hurd Memorial Hall, when Dr. Winford H. Smith, superintendent of the hospital, made the welcoming address. The various programs for the reading of papers were presided over on May 4 by Dr. Edwards A. Park, Dr. Warfield T. Longcope and Dr. Nicholson J. Eastman; on May 5

by Dr. Warfield M. Firor, Dr. Thomas S. Cullen and Dr. William G. MacCallum, and on May 6 by Dr. A. C. Woods, Dr. Adolf Meyer and Dr. Eastman.

A public meeting was held in the afternoon of May 4, at which an address of welcome was made by Henry D. Harlan, president of the university's board of trustees. There were greetings to the hospital from Dr. Irvin Abell, president of the American Medical Association, conveyed by Dr. Thomas S. Cullen; greetings from Major Julia C. Stimson, U. S. A. (retired), president of the American Nurses' Association; from Dr. Fred Carter, president-elect of the American Hospital Association; from Dr. Howard Naffziger, president of the American College of Surgeons, and Dr. O. H. Perry Pepper, president of the American College of Physicians.

Dr. James B. Herrick, professor emeritus of medicine, Rush Medical College, delivered the principal address. He offered congratulations on the "glorious fifty years of service" of the Hopkins.

Later presentations to the hospital were made in the same hall, with Mr. Harlan presiding. Dr. Cullen presented a plaque in memory of Dr. Frank R. Smith; Dr. Warfield T. Longcope presented a portrait of Dr. Thomas B. Futeher, and Dr. Arthur Shipley presented a portrait of Dr. Thomas R. Boggs.

The program included the nurses' commencement exercises with an address by Miss Elsie M. Lawler, superintendent of nurses and principal of the Hopkins School of Nursing, whose address was entitled "Fifty Years in Retrospect." There were also demonstrations of the newer developments in the teaching of student nurses; a luncheon, a moving picture of Dr. Welch and of the work of the Johns Hopkins Hospital.

The anniversary banquet was held at the Emerson Hotel on the evening of May 5, with Dr. J. M. T. Finney as toastmaster. The speakers included Dr. Howard A. Kelly, Dr. Henri La Fleur, Dr. Lewellys F. Barker, Dr. William G. MacCallum and Miss Lawler.

A historical play in four scenes by Dr. Alan M. Chesney, entitled "The Flowering of an Idea," presented some of the early events in connection with the Johns Hopkins Hospital, which had an important bearing upon its subsequent development.

SCIENTIFIC NOTES AND NEWS

THE Faraday Medal of the British Institution of Electrical Engineers was presented on May 4 to Dr. William D. Coolidge, director of the Research Laboratories of the General Electric Company at Schenectady. The ceremony took place at the northeastern convention of the American Institute of Engineering at Springfield, Mass. The presentation was made by

Dr. Gano Dunn, honorary secretary of the British organization in the United States.

THE George M. Kober Medal "for outstanding service in medicine" was presented at the annual meeting of the Association of American Physicians at Atlantic City to Dr. George Hoyt Whipple, dean and professor of pathology at the School of Medicine