

mer of 1907 at the Carnegie Museum in the city of Pittsburg.

THE ITHACA MEETING OF THE AMERICAN
ASSOCIATION FOR THE ADVANCE-
MENT OF SCIENCE.

EXCURSIONS.

THE surroundings of Ithaca in summer are peculiarly attractive and it is proposed to make short trips to neighboring points of interest a feature of the coming meeting.

Some sections intend to make this essentially a field meeting and the local committee on excursions has arranged the following list of expeditions for their benefit.

Botanical Excursions.—Friday morning, June 29, a brief excursion in the immediate vicinity of Ithaca.

Saturday, June 30, an all day excursion to the morainic region near Cortland, to visit the peat-bog formations and also the marl ponds. This excursion will be by rail or by carriage.

Monday, July 2, an all day excursion to Enfield Gorge some five miles from the university. The conveyance will be by carriages and tally-hos.

Details of these excursions will be given in the program of Section G.

Chemical Excursions.—Thursday, June 28, excursions in charge of several committees have been arranged from 4 to 6 P.M., to visit various points of interest in the buildings and upon the grounds of the university.

Friday, June 29, an afternoon excursion has been arranged for the members of the Chemical Society in the nature of a boat ride on Cayuga Lake with dinner at Sheldrake.

Geological Excursions.—Friday, June 29, an excursion conducted by Mr. R. H. Whitbeck to Turkey Hill, by carriage or on foot, for a general view of surface geology. A paper on 'Cycles of Erosion' will be read by Mr. P. F. Gulliver.

Saturday, June 30, an all day excursion to points of interest about the south end of Cayuga Lake will be conducted by Professor G. D. Harris.

Monday, July 2, Professor Harris will conduct a party to the points of interest at the

north end of Cayuga Lake, including a visit to Cayuga to see the lowest rocks exposed in this region, *i. e.*, the Eurypteris beds, and other points of interest. A printed guide to the region will be furnished *gratis* to each member by the conductor.

Tuesday, July 3, an excursion to Enfield Glen by carriage will be conducted by Mr. Whitbeck, and a paper on the geography of the region will be read by Professor C. R. Dryer.

Fuller details of these excursions will be printed in the preliminary announcement and in the programs of the sections.

Excursion to the George Junior Republic.—This excursion will be arranged at the time most convenient to the visitors and will be of both general and special interest.

Opportunities will be afforded also to visit Taughannock Falls, the highest water fall in the state of New York, Enfield Falls and other of the numerous glens in the vicinity of Ithaca.

Steamers make two round trips daily, Sundays included, the entire length of Cayuga Lake. Watkin's Glen may be reached by rail, *via* Geneva or by a twenty-mile carriage drive from Ithaca.

The excursion announced above by the American Chemical Society on Friday afternoon will take place after the dedication of the new Physical Laboratory.

SCIENTIFIC NOTES AND NEWS.

DR. JOHN M. CLARKE, of Albany, and Dr. J. J. Sederholm, director of the Geological Survey of Finland, have been elected foreign correspondents of the Geological Society of London.

PROFESSOR DAVID HILBERT, of Göttingen, and Professor Wilhelm Ostwald, have been elected honorary members of the Academy of Sciences at Copenhagen.

THE University of Göttingen has awarded the income of the Valbruch foundation of the value of \$3,000 to Professor Ossian Aschan, of Helsingfors, for his work on the alicyclic compounds.

IN addition to a chair in the University of Paris, the French government has given Mme. Curie a pension of 12,000 francs.

PROFESSOR WILHELM OSTWALD has resigned the professorship of chemistry at the University of Leipzig, having earned the right to retire with a pension.

THE family of the late Professor Langley, of the Smithsonian Institution, has given over to the institution the medals and decorations that had been presented to him in recognition of his scientific researches.

THE class of 1909 of the Cornell Medical School, on May 18, presented to Dr. Austin Flint a silver loving cup in memory of his retirement from the chair of physiology. Professor Flint celebrated his seventieth birthday on March 28.

MR. CHAS. C. ADAMS, curator of the University Museum of the University of Michigan, has accepted a curatorship at the Cincinnati Museum.

DR. GUST. EBERHARD has been promoted to the position of observer in the Astrophysical Observatory at Potsdam.

PROFESSOR REICHENOW, curator in the Zoological Museum at Berlin, has been appointed assistant director, and Dr. Vanhoeffen, of Kiel, has been appointed curator.

AT the sixth annual session of the American Association of Pathologists and Bacteriologists, held last week at the Johns Hopkins Medical School, officers for next year were elected as follows: *President*, Dr. William H. Welch, Johns Hopkins University; *vice-president*, Dr. A. S. Warthin, University of Michigan; *secretary*, Dr. H. C. Ernst, Harvard Medical School; *treasurer*, Dr. H. W. Williams, University of Buffalo.

PROFESSOR FRANCIS GANO BENEDICT, professor of chemistry, Wesleyan University, addressed the Washington Academy of Sciences, on May 17, on 'The Respiration Calorimeter and Factors of Human Nutrition,' illustrated by lantern slides. The paper was discussed by Dr. J. B. Nichols, Professor E. B. Rosa, Dr. C. F. Langworthy and others.

DR. L. A. BAUER, as lecturer on terrestrial magnetism, gave the following course of illustrated lectures at the Johns Hopkins University, May 23-25:

1. 'Principal Phenomena of the Earth's Magnetism.'
2. 'Magnetic Surveys of Land and Oceanic Areas.'
3. 'Magnetic Observatory Work (Variation of the Earth's Magnetism, Magnetic Storms, Earthquake and Volcanic Effects).'
4. 'Recent Analyses of the Earth's Magnetic Field.'

THE annual oration before the Medical Society of London was delivered by Professor Kocher, of Berlin, on May 21. Professor Kocher spoke on some contributions to the pathology of the thyroid gland. Subsequently a conversazione was held.

PROFESSOR DANIEL S. MARTIN, of Brooklyn, N. Y., lectured recently before the College of Charleston Museum on 'The Occurrence of Precious Stones in the United States.'

PRESIDENT JAMES B. ANGELL, of the University of Michigan, will give the baccalaureate address at Purdue University on June 3. The address at the graduating exercises on June 5 will be given by Professor Albion W. Small, of the University of Chicago.

THE 327th regular meeting of the Middletown Scientific Association was held in the Scott Laboratory of Physics, Wesleyan University, on May 15. Norman Everett Gilbert, professor of physics in Dartmouth College, gave an address, illustrated with lantern slides, on 'The Observation of a Solar Eclipse.'

DR. DON ARMOUR, demonstrator of anatomy at the Rush Medical College, has been appointed senior assistant surgeon in the National Hospital, London, England.

MR. MARCONI has been very ill during the last month, but is now recovering.

THE vice-presidents of the Royal Institution for next year are as follows: Lord Alverstone, Sir William Huggins, O.M., Lord Kelvin, O.M., Dr. Ludwig Mond, Lord Sanderson, Sir James Stirling, Sir James Crichton-Browne (treasurer) and Sir William Crookes (honorary secretary).

THE trustees of the College of Charleston Museum have elected the following as honorary curators: Professor Daniel S. Martin, of Brooklyn, N. Y., honorary curator of minerals, rocks and invertebrate fossils; Mr. Wm. G. Mazyckm, of Charleston, S. C., honorary curator of recent shells; Mr. Arthur T. Wayne, of Mt. Pleasant, S. C., honorary curator of birds.

DR. TH. MORTENSEN, of the Zoological Museum at Copenhagen, is at present in the United States. During a year's leave of absence he has been studying the fisheries in the West Indies, and for several weeks has been working in the National Museum in Washington.

THE *Journal* of the New York Botanical Garden contains a notice of the recent expedition of the director-in-chief, Dr. Britton, to Porto Rico. Dr. Britton and Dr. Howe, accompanied by Professor W. M. Wheeler, of the American Museum of Natural History, spent ten days in the early part of March on the island of Culebra, where the facilities of the U. S. Naval Station were courteously placed at the disposition of the party. In the collections made at this point the Cactaceae and marine algae were especially well represented. Mrs. Britton, Miss Delia W. Marble and Mr. John F. Cowell, in the meantime, explored the mountains and foothills in the neighborhood of Mayagüez in the western part of Porto Rico, afterward joining the rest of the party at Arecibo for a trip across the island over the Adjuntas road. A stop of a week was made at Utuado, where two of the higher mountains of the island were climbed. From Ponce, on the south shore, the return to San Juan was made over the military road. The dried specimens of plants secured by the expedition are represented by about 1,700 numbers and in addition a large amount of living material was brought back.

PROFESSOR ANGELO HEILPRIN, who recently returned from the island of Martinique and from an extended journey into the forest region of British Guiana, made the descent into the crater and partial ascent of the still-steaming dome of Mount Pelée, on February 27,

last. The dome is covered by a wilderness of boulders, some of them of giant size, coming from the fallen obelisk, and the fragments, where examined, were in all cases found to be a compact and non-vesicular andesite. Professor Heilprin does not believe that the evidence justifies Professor Lacroix's views as to the method of formation of the volcano's unique excrescence. A scattered vegetation of diminutive tree-ferns has already appeared on the dome itself, in most cases bordering the steam-vents (so-called fumaroles) of the eastern face.

IN its account of the exhibition of the Royal Academy the London *Times* says: "In the place in Room IV. where we last year saw the Blenheim family group, we have now a marvelously fine composition with full-length portraits of four professors in the Johns Hopkins University, Baltimore. Messrs. Welch, Halstead, Osler and Kelly are all well-known figures in the world of learning and science, but each and all may adopt with truth the phrase that Gladstone used about Millais's portrait, and say that Mr. Sargent has immeasurably increased their chances of immortality. The necessary *vates sacer* has appeared in the form of a master of the brush, and has preserved for posterity their form and lineaments; while on us of to-day, even if the men themselves are little more than names, the painter has conferred the pleasure that a first-rate work of art must always give. It is a little sombre in color, but that is perhaps in keeping with academical dignity, while the dexterous way in which the artist has used the hoods, the books and the globe to relieve the gloom of gowns and backgrounds is beyond praise."

A FACULTY committee has been appointed to look into the possibility of securing a portrait of the late Professor Shaler to be hung in the faculty room of Harvard University. The committee is endeavoring to secure recent photographs and has sent a request that any graduate who may have such a photograph, mail it to Professor John E. Wolff, University Museum, Cambridge, who will acknowledge its

receipt, and who will be responsible for safe keeping and ultimate return.

ON August 13, 1906, Professor M. J. de Goeje, of the University of Leyden, will celebrate his seventieth birthday. In view of the valuable services that Professor de Goeje has rendered to Oriental science, and which have secured for him his present position as the leading Arabic scholar of the day, a central committee has been organized in Holland with representatives in other countries to arrange for a celebration that will be worthy of the occasion. The central committee, after careful deliberation, has decided that the worthiest tribute to Professor de Goeje would be the establishment of a de Goeje memorial fund, the interest of which should be used for furthering Oriental researches through stipends to worthy students of Oriental lore, through subventions to scientific publications and through grants for travels and explorations. In order to carry out this plan, a fund of \$5,000 is to be raised. Of this sum \$2,000 have already been secured in Holland. English scholars and others interested in the subject have up to the present forwarded to the central committee about \$1,500 and from Germany about \$1,000 have been contributed. A committee has been formed in the United States, which wishes to collect one thousand dollars as a contribution to the memorial. Subscriptions should be sent to the secretary, Professor Morris Jastrow, Jr., University of Pennsylvania, Philadelphia, Pa.

PROFESSOR GEORGE A. WENTWORTH, who was professor of mathematics at Phillips Exeter Academy from 1859 to 1892 and was the author of well-known text-books on mathematics, died, on May 24, of heart failure, aged seventy-one.

PROFESSOR BUCHENAU, known for his work in botany, died in Bremen on April 23, at the age of seventy-five years.

DR. F. M. CARLINSKI, emeritus professor of astronomy and director of the observatory at Cracow, died on March 21, at the age of seventy-five years.

THE senate passed, on May 24, the bill admitting free of duty alcohol denaturized for

industrial purposes. The provision will take effect on January 1, 1907.

THE Cornell chapter of Sigma Xi is preparing to celebrate the twentieth anniversary of the foundation of the society. A public address is to be given on the evening of July 2, to which all members of *The American Association for the Advancement of Science* and of affiliated societies who are in attendance at the Ithaca meeting will be invited. After the address there will be a dinner at which all visiting members of Sigma Xi will be the guests of the parent chapter.

THE International Astronomical Society will hold its twenty-first meeting at Jena from September 12 to 15.

UNIVERSITY AND EDUCATIONAL NEWS.

THE new buildings of the Harvard Medical School will be dedicated on the afternoon of September 25 and the morning of September 26.

YALE UNIVERSITY has received an anonymous gift of \$5,000 to the forestry school, the income of which is to be used for the publication of works on forestry by graduates and members of the faculty.

PROFESSOR ERNEST W. BROWN, M.A., D.Sc. (Cambridge), of Haverford College, has accepted the chair of applied mathematics at Yale University, but will remain at Haverford during the coming academic year.

DR. JOHN W. BAIRD, instructor in psychology at the Johns Hopkins University, has accepted a similar position in the University of Illinois.

PROFESSOR BIRD T. BALDWIN, Ph.D. (Harvard, 1905), of the West Chester State Normal School, during the coming year will have charge of psychology and educational psychology at Swarthmore College, where a new training school for teachers is being organized.

DR. J. T. PORTER, instructor in physics in Williams College, has been appointed adjunct professor of physics in Randolph-Macon College.