

nearest village and three miles from the nearest farmhouse, the station furnishes a fine experiment in community life. This isolation makes for a minimum of distraction and for concentration of interest upon biological work.

The class period lasts through the working day, thus permitting all-day field trips. Certain classes make two or three day excursions to the sand dunes along the shore of Lake Michigan. The curriculum for this session has been enriched by the addition of new courses and the expansion of some of the old. Courses will be given in ichthyology, limnology, entomology, ornithology (two courses), herpetology and mammalogy, cryptogamic botany, taxonomy of the bryophytes, systematic botany (two courses), ecology and plant anatomy. Students undertaking research under direction will find a wide variety of fields from which to select subjects for investigation. The more than one hundred and twenty-five published papers bearing on the biota of the region attest the interest of former members of the station and the encouragement given research by those in charge.

The teaching staff will include Professor P. S. Welch and Dr. F. N. Blanchard, of the University of Michigan; Professor H. B. Hungerford, of the University of Kansas, and Mr. Francis Harper, of Cornell University, in zoology; Professor J. H. Ehlers, of the University of Michigan; Professor F. C. Gates, of the Kansas State Agricultural College; Professor G. E. Nichols, of Yale University, and Dr. H. A. Gleason, of the New York Botanical Gardens, in botany. Mrs. Margaret T. Gates will serve as dean of women, and Dr. Warren E. Forsythe, of the University Health Service, will be the physician to the biological station. All inquiries should be addressed to the undersigned.

GEORGE R. LA RUE,
Director

ANN ARBOR, MICHIGAN

RUSSIAN EXILED INTELLECTUALS IN BERLIN

THOSE who responded to an appeal made by me through SCIENCE some time ago for small sums to make up a total of one thousand dollars to be used for the special relief of approximately one hundred Russian univer-

sity professors and other intellectuals exiled from Russia by the soviet government, and now trying to keep alive in Berlin, where local charity is feeding and lodging them, but is unable to do more, will be interested in news of what is being done with the money put into my hands.

The total amounted to a little more than twelve hundred dollars. This was sent to Berlin to be carefully distributed by a special small Russian committee, overseen by Captain Gardner Richardson, of the American Relief Administration, and Mr. Paul B. Anderson, of the Y. M. C. A. The committee is composed of Professors N. A. Berdiaeff, Bogilepoff and Iassinsky and Mme. E. L. Kousskoff. The first action of the committee was to express its gratitude to the individual donors of the money and to the editor of SCIENCE, and to ask me to make this gratitude known to these persons. This is done herewith.

The second action was to begin at once a careful distribution of the money. I have a full list of this distribution as so far made. It is a pathetic document. I can use space to note but two or three items:

To E. L. Soubasheff, former rector of the Technological University of Tomsk, \$15.

To A. L. Baikoff, professor in the University of Moscow, with family, \$30.

To I. A. Iljin, professor of Moscow University, with family, \$30.

To V. D. Golovatcheff and I. L. Tchesliar, members of student organizations in Moscow, sent out with professors, each \$10.

And so on. I hope that each donor will realize how much his money is doing. Ten dollars make the difference between suicide and keeping alive for some of these people.

VERNON KELLOGG

NATIONAL RESEARCH COUNCIL

SCIENTIFIC NOTES AND NEWS

SIR JOSEPH THOMSON gave an address at Yale University on April 4 in connection with the dedication of the Sterling Chemistry Laboratory and the meeting of the American Chemical Society. His subject was "The unity of physics and chemistry." Next week he delivers a course of lectures at the Franklin Institute, Philadelphia.

PROFESSOR ALBERT EINSTEIN, of the University of Berlin, delivered three lectures in French at Madrid during the first week in March. The King presided at a sitting of the Academy of Science at which Professor Einstein was elected a member.

THE Willard Gibbs Medal of the Chicago section of the American Chemical Society has been awarded to Professor Julius Stieglitz, of the University of Chicago, for his researches in organic chemistry. The medal will be presented in May.

THE University of Dublin on March 12 conferred the honorary degree of M.D. upon Dr. William James Mayo, of Rochester, Minnesota.

DR. STOCKIS, professor in the University of Liège, has been elected president of the Belgian Federation of Scientific Societies.

PROFESSOR ANDRÉ MAYER has been elected president of the French Society of Biological Chemistry.

LEONARD SUMNER was elected president of the British Institute of Metals at the annual meeting on March 7.

THE Joseph A. Holmes Safety Association of Washington, D. C., has awarded the gold medal of the society to Dr. Andrew W. Springs, Dewmaine, for his heroic work in the Royalton explosion of October, 1914.

THE Adams prize for an essay on "The theory of the tides" has been awarded by the University of Cambridge to Mr. J. Proudman, Trinity College, director of the Liverpool University Tidal Institute.

PROFESSOR GEORGE E. BEGGS, of the civil engineering department of Princeton University, has been awarded the Wason Medal for 1922 by the American Concrete Institute for the most meritorious paper before the institute. The subject of this paper, which was delivered a year ago, was "The mechanical solution of indeterminate structures."

AT a meeting of the Academy of Natural Sciences of Philadelphia held on March 20, the following were elected correspondents: Charles W. Andrews, Ignacio Bolivar y Urrutia, Marcellin Boule, Friedrich Czapiek, Herman L.

Fairechild, Stephen A. Forbes, Gia Battista Grassi, Louis R. Jones, Vernon L. Kellogg, Charles A. Kofoed, James Playfair McMurich, George P. Merrill, James G. Needham, Charles C. Nutting, W. J. V. Osterhout, Reginald C. Punnett.

As a token of admiration and gratitude to Dr. James Perrin Smith, professor of paleontology at Stanford University, about one hundred of his students and former students, many of them now eminent in geology and engineering, recently presented him with \$10,000 at a campfire supper in the court of the geology buildings on the Stanford campus. Among those who spoke were R. P. McLaughlin, of San Francisco, former head of the petroleum department of the state and now a consulting geologist; E. B. Kimball, a mining engineer associated with W. P. Hammond in San Francisco; R. S. Holway, professor of physical geography in the University of California; A. M. Strong, consulting engineer in Los Angeles; Ralph Arnold, consulting geologist and petroleum expert in Los Angeles; T. J. Hoover, head of the department of mining at Stanford University, and R. B. Moran, geologist and engineer of Los Angeles.

DR. ELIHU THOMSON, of the General Electric Company, Lynn Massachusetts, was tendered a dinner in the Boston City Club on March 29 by more than seventy-five friends and associates in the General Electric Company, and from Harvard University and the Massachusetts Institute of Technology, on the occasion of his seventieth birthday anniversary. He was presented with a silver loving cup, the presentation being made by Walter C. Fish, formerly manager of the Lynn works, who served as toastmaster. There were addresses by Professor A. E. Kennelly, of Harvard University; Professor Dugald C. Jackson, of the Massachusetts Institute of Technology; Professor Comfort Avery Adams, of Harvard University; George E. Emmons, of Schenectady, vice-president of the General Electric Company; J. R. Lovejoy, of New York City, also a vice-president of the company; Herman Lemp, of Erie, Pennsylvania, and F. P. Cox, of Lynn, Massachusetts.

DR. WALTER ROSENHAIN, chief of the metal-

lurgical department of the National Physical Laboratory, Teddington, England, who has been lecturing in the United States, was on March 31 tendered a banquet at the Cosmos Club under the auspices of the Washington Academy of Sciences. Following the dinner, he spoke on "The structure and constitution of alloys."

THE report of the findings of the board of visitors to the Bureau of Standards has been issued. The board of visitors is composed of John R. Freeman, former president of the American Society of Civil Engineers; Ambrose Swazey, former president of the American Society of Mechanical Engineers; F. W. McNair, president of the Michigan School of Mines; S. W. Stratton, president of the Massachusetts Institute of Technology, and Wilder D. Bancroft, professor of chemistry at Cornell University.

WILLIAM R. HART, since 1907 head of the department of agricultural education at the Massachusetts Agricultural College, retired under the law of the state of Massachusetts on March 31, on his seventieth birthday.

DR. F. C. WEBER, since 1907 chemist in charge of the animal physiological laboratory of the Bureau of Chemistry, has accepted a position with the Fleischmann Laboratories, New York.

PROFESSOR J. B. HILL has resigned his position as professor of electrical engineering in the Iowa State University to enter the public utility field at Lincoln, Nebraska. He will be general manager and consulting engineer of the Lincoln Gas and Electric Company.

DR. WILLIAM N. BERG has resigned his position as pathological chemist in the pathological division, Bureau of Animal Industry. He is now engaged in the manufacture of biological products at the Berg Biological Laboratory, Brooklyn, New York.

DR. W. A. MURRILL left on March 3 for a collecting expedition in Florida. His trip will extend down the west coast from Crystal River to the Keys and back on the east coast as far as Daytona. Chief attention will be given to the collection of fungi.

THE twenty-eighth annual meeting of the

Michigan Academy of Sciences, Arts and Letters opened in Ann Arbor on March 28. Professor William B. Scott addressed the academy on March 29 on "Evidences of evolution."

DR. OTTO MEYERHOF, professor of physiology at the University of Kiel, will deliver the eleventh Harvey Society lecture at the New York Academy of Medicine on Saturday evening, April 14. His subject will be "Auto-oxidation processes in the cell."

DR. LOUIS A. BAUER, director of the Department of Terrestrial Magnetism, gave on March 31 an illustrated talk at the General Electric Company, Schenectady, N. Y., on "The present status of our knowledge regarding the constitution and causes of the earth's magnetic field." He also gave a talk on "The earth's magnetism" at the General Electric Company, West Lynn, Massachusetts, on March 30.

PROFESSOR RICHARD GOLDSCHMIDT, of the Kaiser Wilhelm Institut für Biologie, Berlin, recently invited to deliver a series of lectures in England on his work concerning the sex problem, has lectured before the Genetical Society and at the Universities of Oxford, Cambridge and Liverpool.

PROFESSOR JOSEPH S. AMES, of the Johns Hopkins University, will give the Wilbur Wright memorial lecture of the Royal Aeronautical Society in London on May 31.

PROFESSOR H. A. LORENTZ, of Haarlem University, will on May 15 deliver the Rede lecture at the University of Cambridge on "Maxwell's electromagnetic theory."

SIR JAMES DEWAR, the eminent British chemist, died on March 27 in his eighty-first year.

DR. NORMAN DALTON, formerly senior physician to King's College Hospital, professor of pathological anatomy in King's College, and lecturer on medicine at the medical school, died on March 9, aged sixty-five years.

PROFESSOR IGNAZ VOGEL, director of the bacteriological department of the Agricultural Institute of the University of Leipzig, has died at the age of fifty-two years.

PROFESSOR PAUL JACOBSON, general secretary of the German Chemical Society, died in Berlin on January 26.