

NEWS

and Notes

Norman H. Topping, associate director of the National Institutes of Health, was recently appointed Assistant Surgeon General of the U. S. Public Health Service. Dr. Topping will continue to serve as associate director of the Institutes.

C. R. Orton, dean of the College of Agriculture, Forestry, and Home Economics and director of the Agricultural Experiment Station of West Virginia University, will resign from his administrative duties next June to engage in research and teaching in the Department of Plant Pathology.

Ford L. Wilkinson, Jr., former dean of the U. S. Naval Postgraduate School, Annapolis, became president of Rose Polytechnic Institute, Terre Haute, Indiana, on January 1, succeeding **Donald B. Prentice** who retired last July.

Emil J. Hellund, associate professor of physics at the University of Oklahoma, has joined the staff of the Theoretical Nuclear Physics Division, Argonne National Laboratory, as a senior physicist.

Mary Baeyerztz has been named assistant chairman of the Metals Research Department, Armour Research Foundation of Illinois Institute of Technology. In her new position Dr. Baeyerztz will assist Mr. Mahin, chairman of the Department, in general scientific supervision of fundamental and applied research programs for industry and government agencies.

J. Lawrence Pool was recently appointed director of the neurological surgery service at the Neurological Institute of Presbyterian Hospital as well as professor and executive officer of the Department of Neurological Surgery, Columbia University Faculty of Medicine. Dr. Pool has been associated with the Columbia-Presbyterian Medical Center since 1932.

George R. Ringo has been appointed an associate physicist on the

staff of the Experimental Nuclear Physics Division of the Argonne National Laboratory. Dr. Ringo had been with the Naval Research Laboratory for the past 7 years.

Edward M. Bernecker, former commissioner of hospitals of New York City, has been appointed administrator of hospital services of the New York University-Bellevue Medical Center, effective January 1. In his new position Dr. Bernecker will be responsible for the administration of University Hospital, the Institute of Rehabilitation, and the various University clinics as well as for the coordination of the clinical teaching programs in other hospitals associated with the Medical Center.

G. Goussef, chef d'Aquarium, Musée de la France d'Outremer, 293 Avenue Daumesnil, Paris 12, will be happy to exchange publications with American workers in the field of hydrobiology and allied sciences.

Paul L. Munson has resigned as head of endocrinology research for Armour and Company, Chicago, to accept an appointment as research assistant professor in the Department of Pharmacology, Yale University School of Medicine.

Gilbert B. L. Smith and **Sol Skolnik** have been appointed head of the Chemistry Division and acting head of the Inorganic Chemistry Section, respectively, in the Research Department, U. S. Naval Ordnance Test Station, Inyokern, China Lake, California. **Harold F. Metcalf** has been made scientific staff assistant to Dr. Smith.

Robert G. Gibbs, former special agent of the Federal Bureau of Investigation, has been made associate editor of *Chemical and Engineering News* and *Industrial and Engineering Chemistry*, publications of the American Chemical Society.

Raymond E. Cray has been appointed professor in the Department of Poultry Science of the Ohio State University College of Agriculture, effective March 28.

George E. Ziegler, acting administrative chief of the Midwest Research Institute, Kansas City, Missouri, since

the resignation of **Harold Vagtborg** 6 months ago, has been made director; **Clayton O. Dohrenwend** has been appointed assistant director of the Institute.

J. A. Salzmänn, head of the Department of Orthodontics, Mt. Sinai Hospital, New York City, will leave March 20 for a lecture tour of Mexico, Brazil, and Argentina. The tour is being made at the invitation of Mexican and Brazilian dental societies and by official invitation of the Argentine Government.

Grants and Awards

Brig. Gen. James Stevens Simmons, U. S. Army, Retired, dean of the Harvard School of Public Health, was recently presented the alumni Citation of Merit by John Cunningham, president of Davidson College. At the Convocation Assemblage Gen. Simmons was cited for outstanding contributions in the fields of preventive medicine and public health.

The Research Council on Problems of Alcohol has made grants of \$2,500 each to the Biochemical Institute of the University of Texas and to the University of Washington Medical School. The grant to the Biochemical Institute will be used to continue investigations, under the direction of Roger J. Williams, on possible physiological causes underlying problem drinking and that to the University of Washington will support work by Walter L. Voegtlin in the determination of allergic factors underlying chronic alcoholism.

The Woman's Medical College, Philadelphia, has received a grant of \$37,302 under the National Mental Health Act for developing psychiatric training for undergraduate medical students. The funds will be made available for the academic year 1949-50 and be paid in annual allotments over a three-year period.

The American Foundation for High Blood Pressure recently awarded grants for research in hypertension and arteriosclerosis to the following: Thomas C. Barnes, Hahnemann Medical College; Stanley E. Bradley, Columbia University; Nor-

man E. Freeman, Franklin Hospital, San Francisco; Meyer Friedman, Mt. Zion Hospital, San Francisco; Sydney M. Friedman, McGill University, Faculty of Medicine; David M. Greenberg, University of California, Berkeley; Keith S. Grimson, Duke University Hospital; Albert I. Lansing, Washington University School of Medicine; Arnold Lazarow and J. W. Patterson, Western Reserve University; Jessie Marmorston, University of Southern California; Campbell Moses, University of Pittsburgh School of Medicine; Frederick J. Moore and Norman C. Flau, University of Southern California; Jean Oliver, Long Island College of Medicine; Ernest W. Page, University of California Medical School; Leland J. Rather, Stanford University School of Medicine; G. F. Wakerlin, University of Illinois; A. Earl Walker, Johns Hopkins University; Harold Wiggers, Albany Medical College; and Eugene Ferris, University of Cincinnati.

Fellowships

The National Research Council of Canada has announced that about 40 postdoctorate fellowships are available in 1949-50 for research in pure chemistry and physics in NRC laboratories at Ottawa and in the laboratories of the Atomic Energy Project at Chalk River, Ontario. The majority of these will be in chemistry and physics although a few have been assigned to atomic energy research. The fellowships are awarded for one year but may be renewed. They carry a stipend of \$2,820, free of income tax, and an additional grant will be made for the expenses of those coming from abroad. There is no nationality restriction for the positions in the Ottawa laboratories; however, those at Chalk River are limited to British subjects. Applications should be made to the National Research Council, Ottawa, Canada, not later than *March 1, 1949*.

The Sigma Delta Epsilon Research Fellowship in Science is again being offered this year. This predoctoral fellowship, which carries a stipend of \$1,200, is awarded to women who give evidence of outstanding ability and promise and who need financial assistance to further a well-

defined research project in the mathematical, physical, or biological sciences. Application blanks, which must be submitted before *February 1*, may be obtained from Dr. Virginia Bartow, 7 Chemistry Annex, University of Illinois, Urbana, Illinois. Announcement of the award will be made early in March.

The Institute of Gas Technology at Illinois Institute of Technology will accept applications for fellowships until *March 15, 1949*. Fifteen fellowships, each carrying a stipend of \$125 per month for ten months, with increases in the following months, are available. Seniors and graduates under 28 years of age, who have backgrounds in chemistry, chemical engineering, mathematics, mechanical engineering, and related fields, are eligible. Applications should be addressed to the Director, Institute of Gas Technology, Technology Center, Chicago 16.

Colleges and Universities

A new measurement of the distance of the earth from the sun, based on more than 5,000 observations of the moon, was reported by Dirk Brouwer, director of the Yale University Observatory, at the meeting of the American Astronomical Society in New Haven the last week in December. The computations show the distance to be 92,960,000 miles, subject to an uncertainty of not more than 35,000 miles. The project was begun by the late Ernest W. Brown, professor of mathematics at Yale, and from 1932 through 1942, 5,100 observations were made from 200 locations over the world, data from which were sent to Yale Observatory. This system of measurement is based on the gravitational pull of one body upon another—in this case of the sun upon the moon.

The University of Minnesota, Duluth Branch, has announced the following staff appointments: Raymond W. Darland, formerly of the University of Nebraska, associate professor of botany; Moses Passer, formerly of Cornell University, assistant professor of chemistry; Herbert C. Nelson, consulting engineer, instructor in civil engineering; Samuel Weiner, former research chemist for the Paul-Lewis

Laboratories, assistant professor of chemistry; and Harlan D. Fayle, former instructor at Duluth Junior College, instructor of chemistry.

"The Physical Chemistry of Large Molecules" will be the subject of the new Wayne University "Frontiers of Chemistry" series scheduled for early 1949. Planned especially for those interested in the fields of rubber, plastics, proteins, and other materials of complex molecular structure, the series will feature lectures by prominent scientists on successive Monday evenings. The University Chemistry Department and the International Society of the Friends of the Kresge-Hooker Library are jointly sponsoring the symposium.

Paul J. Flory of the Cornell University Chemistry Department will be the speaker for the initial program on February 28. His subject will be "Thermodynamics of Polymer Solutions." Subsequent lectures will be: March 7—Robert Simha, National Bureau of Standards, "Viscosity of Solutions of Large Molecules"; March 14—Raymond Fuoss, Sterling Chemical Laboratory, Yale University, "The Physical Chemistry of Polyelectrolytes"; March 21—Raymond Boyer, Dow Chemical Company, "Structure and Properties of Polymer Gels"; March 28—Hubert M. James, Purdue University, "Theory of the Elasticity of Rubber-like Materials"; April 4—Henry B. Bull, College of Medicine, Northwestern University, "Physical Chemistry of Protein Hydrolysis"; April 11—John T. Edsall, Harvard Medical School, "Size, Shape, and Molecular Configuration of Protein Molecules"; April 25—Max A. Lauffer, Physics Department, University of Pittsburgh, "Physical Chemistry of Viruses."

Graduate credit for the lecture series will be available to qualified registrants. Those interested in attending on a noncredit basis may obtain information from J. Russell Bright, Department of Chemistry, Wayne University, Detroit.

Fire has completely destroyed the building housing the School of Medicine and the Department of Parasitology of the University of Chile. All equipment and a library which con-

tained 10,000 reprints on parasitology, tropical medicine, and rural health have been lost. Readers of *Science* having reprints available on these subjects who would like to assist in the reconstruction of the library may address material to Amador Neghme R., Professor of Parasitology, University of Chile, P. O. Box 9183, Santiago, Chile.

Meetings and Elections

A Symposium on Recent Research in Food and Milk Sanitation, under the sponsorship of the Sanitation Study Section, Division of Research Grants and Fellowships, U. S. Public Health Service, will be held January 26-27 in Washington, D. C., in the Department of Commerce Auditorium. Current research in bacteriology, epidemiology, entomology, veterinary medicine, etc. will be discussed by specialists from various governmental agencies, colleges, and universities. Registration will take place at 9 A. M. Thursday and the first meeting will begin at 10 A. M.

The Metropolitan Microchemical Society of New York is sponsoring a symposium at the American Museum of Natural History, New York City, February 25-26. The program has been planned to stimulate further interest in the field of microchemistry, and the public is invited to attend. The flame photometer, radioactivity in microanalysis, determinations of traces of elements, instrumentation, application of electrochemistry to the analysis of small amounts of material, and the ultracentrifuge will be topics of discussion. Those wishing to attend the Friday evening dinner and the Saturday afternoon luncheon, both at the Hotel Bolivar, should send their reservations to the chairman, Al Steyermark, Hoffmann-La Roche, Inc., Nutley 10, New Jersey, not later than February 17.

The Ecologists Union, devoted to the preservation of natural biotic communities for scientific use, has elected the following officers by mail ballot: president, A. O. Weese, University of Oklahoma; vice-president, F. W. Albertson, Fort Hays Kansas State College; member of the Board of Governors, Richard H. Pough, American Museum of Natural History.

Ralph W. Dexter, Kent State University, continues as secretary-treasurer.

The Committee on the Study of Plant and Animal Communities, under the chairmanship of S. Charles Kendeigh, University of Illinois, will publish in the near future an inventory of nature sanctuaries in North America. The Committee for the Preservation of Natural Conditions, with Curtis L. Newcombe, Cranbrook Institute of Science, as chairman, has given support this past year to protection of natural areas in Massachusetts, Pennsylvania, and Iowa as well as Federal projects of conservation, particularly for the creation of a National Grassland Monument and support for the Blatnik-Thye Bill, H.R. 6240 and S. 1090, as a step toward the creation of a Quetico-Superior National Park.

A meeting of the American Society for X-Ray and Electron Diffraction took place at Battelle Memorial Institute, Columbus, Ohio, December 16-18. The scientific sessions included a number of papers featuring microtechniques. The proposed plan for a single society to take the place of the ASXRED and the Crystallographic Society of America was discussed in the business meeting. The group was addressed at dinner by Max von Laue.

The Nebraska Section of the American Chemical Society has elected its officers for 1949. They are: H. T. Bates, president; Bennet D. Hites, vice-president; and Henry F. Holtzelaw, Jr., secretary-treasurer. All are associated with the University of Nebraska.

The Division of Gas and Fuel Chemistry of the American Chemical Society has elected the following new officers: G. Robert Yohe, head of the Coal Division of the Illinois State Geological Survey, chairman, to succeed Calvert C. Wright, chief of the Division of Fuel Technology of the Pennsylvania State College School of Mineral Industries; Ralph E. Brewer, of the U. S. Bureau of Mines, Pittsburgh, chairman-elect; and H. Beecher Charnbury, of Pennsylvania State College, secretary-treasurer (a re-election). Dr. Yohe and Dr. Wright represent the Division on the Society's National Council, and Dr. Brewer and

Henry Hakewill, Jr., of the Institute of Gas Technology, Chicago, are the alternate councilors.

The Division of Rubber Chemistry, American Chemical Society, has elected Howard I. Cramer, director of development, Sharples Chemicals, Inc., Philadelphia, chairman, and Frederick W. Stavely, director of research, Firestone Tire & Rubber Company, Akron, chairman-elect. Charles R. Haynes, manager of rubber service, Binney & Smith Company, New York, and C. W. Christensen, sales manager of the Rubber Service Laboratories, Monsanto Chemical Company, Akron, were re-elected secretary and treasurer, respectively. Harry E. Outcault, manager of zinc oxide sales, St. Joseph Lead Company, New York, former chairman, has now become a member of the Division's board of directors.

The International Institute of Embryology has elected the following American scientists to membership: Howard B. Adelmann, Cornell University; L. G. Barth, Columbia University; Donald P. Costello, University of North Carolina; S. R. Detwiler, Columbia University; R. M. Eakin, University of California, Berkeley; Gerhard Fankhauser, Princeton University; V. Hamburger, Washington University; E. B. Harvey, Princeton University; Arthur T. Hertig, Boston University; Chester H. Heuser, Carnegie Institute; Leigh Hoadley, Harvard University; J. S. Nicholas, Yale University; A. Mandel Schechtman, University of California, Los Angeles; L. S. Stone, Yale University; Victor C. Twitty, Stanford University; Albert Tyler, California Institute of Technology; Paul Weiss, University of Chicago; B. H. Willier, Johns Hopkins University; E. Witsehi, State University of Iowa; and L. F. Yntema, Cornell University.

The incorporators of the Scientific Research Society of America, a new national scientific research society, announced the election of the following officers and Board of Governors November 27 at their Cleveland convention: chairman, George A. Stetson, editor of publications of the American Society of Mechanical Engineers; director, Donald B. Prentice,

past-president, Rose Polytechnic Institute; treasurer, George A. Baitsell, executive secretary, Society of the Sigma Xi; members of the Board, Joseph W. Barker, president, Research Corporation, New York City; W. V. Houston, president, Rice Institute, Houston, Texas; M. C. K. Jones, Esso Research Laboratories, Elizabeth, New Jersey; William Procter, Palm Beach, Florida; George A. Stetson; C. G. Suits, director, Research Laboratory, General Electric Company, Schenectady, New York; C. A. Thomas, executive vice-president, Monsanto Chemical Company, St. Louis, Missouri; William E. Vaughan, Shell Development Company, Emeryville, California; and Edward R. Weidlein, director, Mellon Institute, Pittsburgh, Pennsylvania; and members of the Board, ex officio, Carl D. Anderson, president, Sigma Xi; George A. Baitsell; and George B. Pegram, treasurer, Sigma Xi. The national headquarters has been established at 54 Hillhouse Avenue, Yale University, New Haven, Connecticut.

NRC News

The Division of Geology and Geography has available three new publications.

"The Rock-Color Chart" (\$5.50), especially designed for field use, but also suitable for office or laboratory, includes 115 colors which indicate the range of rock colors for all purposes and a brief text explaining the systems used for the chart arrangement and color names. The Munsell system has been used for form and arrangement, and color names have been taken from the ISCC-NBS system. The Munsell numerical designation is also given for each color chip. The chart was prepared by the Rock-Color Chart Committee, a Subcommittee of the Committee on Symposium on Sedimentation, including E. N. Goddard, U. S. Geological Survey; Parker D. Trask, Geological Society of America; Ronald K. DeFord, American Association of Petroleum Geologists; Olaf N. Rove, Society of Economic Geologists; and Joseph T. Singewald, Jr., and R. M. Overbeck, both of the Association of American State Geologists.

A "Report of the Committee on the Measurement of Geologic Time, 1946-1947, Inclusive" (\$1.00) includes re-

ports and articles by John Putnam Marble, chairman of the Committee, Arthur Holmes, University of Edinburgh, L. H. Ahrens, Alfred C. Lane (chairman of Committee until July 1946), and R. F. Beers.

Another publication, "Report of the Committee on a Treatise on Marine Ecology and Paleoecology, 1946-1947" (\$1.00), prepared under Harry S. Ladd, chairman, and Kenneth E. Lohman, vice-chairman, includes reports and sections on current activities, recently published papers, completed units of annotated bibliographies of Marine Ecology and Paleoecology, and several articles.

Copies may be obtained from the Division headquarters at the National Research Council, 2101 Constitution Avenue, Washington 25, D. C.

The Committee on Research in Endocrinology has announced that requests for grants-in-aid during the fiscal year, July 1, 1949-June 30, 1950, will be received until *February 28*. Work in the general fields of experimental and clinical endocrinology as well as studies of the effect of sex hormones on nonsexual functions, such as general metabolism and the metabolism of steroid hormones, will be considered. Investigators seeking support for research in the problems of sex in the narrower sense, however, should direct their proposals to the Committee for Research in Problems of Sex rather than that on Endocrinology. Applicants must submit a statement of the problem and plan and information regarding the method of attack, the institutional support of the investigation, and the uses to which the grant will be put. The funds may not be used by the recipient institution for administrative expenses. Blanks may be obtained from the Secretary, Division of Medical Sciences, National Research Council, 2101 Constitution Avenue, Washington 25, D. C.

Deaths

Robert Stephen Briffault, 72, British surgeon, anthropologist, and author, died December 11 in Hastings, England.

Arial W. George, 66, a pioneer radiologist, died December 24 in Brookline, Massachusetts. Dr. George

was one of the first Americans to receive the Sir James Mackenzie-Davidson Memorial Medal of the British Royal Society of Medicine in recognition of his application of Roentgen rays to disease diagnosis.

Frank Irwin, 80, professor emeritus of mathematics at the University of California, died December 25 in Berkeley, California.

Samuel J. Plimpton, 65, professor of physics at Worcester Polytechnic Institute, died December 29 at Worcester, Massachusetts.

Edward S. Johnson, 86, chemical research consultant for the drug, dye and explosives industries, died December 30 in New Rochelle, New York.

A. Herman Pfund, 69, professor emeritus of physics at Johns Hopkins University and former president of the American Optical Society, died January 4 in Baltimore, Maryland.

Two seed packages can now be ordered through CARE for delivery in Austria, Belgium, Czechoslovakia, Finland, Italy, France, Greece, the Netherlands, Poland, Great Britain (England, Scotland, Wales, Northern Ireland) and the American, British, and French Zones of Germany and Berlin. For family use, a package contains enough seeds to plant a garden 50' x 150' and to yield fresh vegetables throughout the summer months as well as those suitable for canning and storage for use next winter. The other package contains 20 lbs of hybrid field corn seed, enough for planting 2½ acres. The latter may be harvested for feed for fattening meat animals or for maintaining a high level of production in dairy cattle. Complete instructions in the appropriate language are included in each package. The packages may be ordered, at \$4 each, from CARE, 50 Broad Street, New York City 4, or from CARE outlets in several of the major cities.

The U. S. Civil Service Commission has announced an examination for Physical Science Administrators, \$5,232 to \$10,305 per annum, for posi-

tions in Washington, D. C., and vicinity. Applicants must have completed a 4-year college course majoring in physical science, mathematics, or engineering; an equivalent in technical experience; or an appropriate combination of the two. At least three years of professional experience which has included or been supplemented by administrative experience in fields of physical science is also required. No written test will be given. Information and application blanks may be obtained from the U. S. Civil Service Commission, Washington 25, D. C.

Libraries in devastated countries may now subscribe to *Psychometrika*, the quarterly journal of the Psychometric Society at a special reduced rate of \$3.00. The usual subscription rate is \$10.00. According to Albert K. Kurtz, secretary of the Psychometric Corporation, the Board of Directors has authorized this policy for 1949 on an experimental basis. Libraries wishing to take advantage of this offer should send checks, payable to the Psychometric Corporation, to Edward E. Cureton, Treasurer, 853, East Brewster Road, Alcoa, Tennessee.

The National Registry of Rare Chemicals, 35 West 33rd Street, Chicago 16, Illinois, has announced the following list of wanted chemicals: pentazine; myristicinaldehyde; D- and L-xyloketose; 6-menthen-2-ol; carbonyl sulfide; 3-tropanone; 2-amino-5-hydroxy-n-valeric acid; urobilinogen; melissyl alcohol; 5-hydroxy-1,4-naphthaquinone; thymidine; adonidin; isovanillin; coumagine; gelseminine; harmine hydrochloride; zinc carbonyl; titanium difluoride; cevadine; and germanium dichloride.

The Third Michigan International Exhibition of Nature Photography, under the sponsorship of the Cranbrook Institute of Science and several Michigan nature societies, has been scheduled for the period March 26-April 3 at the Detroit Flower Show, and for the period April 5-15 at the Cranbrook Institute. All student, amateur, and professional photographers here and abroad (the entry fee may be waived for exhibits from foreign countries from which it is impossible to send money) are invited to submit nature pictures in competition for

either the print or transparency groups. The exhibits will usually fall into one of the following categories: I. Zoological—all animals (except pets), birds, fish, reptiles, insects, etc; animal products such as corals, shells, fossils, bones, nests, etc; II. Botanical—plants, trees, flowers, mosses, shrubs, fungi, etc; III. Scenery—where emphasis is on geological aspects and natural phenomena; and IV. Micro and macro photographs of any natural science subject. In addition to the first, second, and prize ribbons, special awards will be given for exhibits on fresh-water algae; ferns; minerals; insects; astronomy; birds; mammals; and flowers. Particulars may be obtained by writing to Roger E. Richard, Chairman, P. O. Box 2411, Dearborn, Michigan. The deadline for receipt of entries of *March 14, 1949*.

The National Council of the American Institute of Chemists has passed the following Resolution:

WHEREAS, Congressional Investigating Committees can produce results of great value to the country and,

WHEREAS, The value of their work depends on an impartial uncovering of facts and,

WHEREAS, Their ability to obtain valuable and useful information is lessened by premature public statements unsubstantiated by proof and,

WHEREAS, Such premature public statements may cause injustice to be done to American citizens, and may endanger national security,

Therefore, be it *Resolved*, That the American Institute of Chemists, acting through its National Council, urges that Congressional Investigating Committees proceed with judicial restraint and with due regard for the rights of all witnesses.

The American School of Prehistoric Research, located at the Peabody Museum of Harvard University, Cambridge 38, Massachusetts, recently announced the appearance of Bulletin 16, "The Neolithic Period in Bulgaria," by the late James Harvey Gaul. This illustrated publication (253 pp.) is a study of the earliest food-producing cultures of eastern Europe and of the connections of that area with Neolithic Greece. Although the monograph cost \$7.00 to produce, the School is offering it to interested individuals and institutions at \$4.75.

Several other important manuscripts are awaiting publication.

Make Plans for—

American Institute of Electrical Engineers, winter general meeting, January 31-February 4, Hotel Statler, New York City.

National Conference on Rural Health, February 4-5, Palmer House, Chicago, Illinois.

International Geographical Union, 16th Congress, April 8-15, Lisbon, Portugal.

5th International Congress for Comparative Pathology, May 17-20, Istanbul, Turkey.

Recently Received—

Light on a medical mystery. Educational pamphlet of the National Multiple Sclerosis Society, New York Academy of Medicine Building, Fifth Avenue and 103rd Street, New York City 29.

College Board Review. Published quarterly by the College Entrance Examination Board, 425 West 117th Street, New York City 27.

Mental Hygiene News. Published monthly except July and August by the New York State Department of Mental Hygiene through the State Hospitals Press, 1213 Court Street, Utica, New York.

The Institute News. Printed and published by the Franklin Institute, Benjamin Franklin Parkway at 20th, Philadelphia, Pennsylvania.

The promotion and acceleration of metallic corrosion by microorganisms, by T. Howard Rogers. Reprint from the *Journal of the Institute of Metals*, 1948, Vol. 75, Pt. 1. Released by the Institute of Metals, 4 Grosvenor Gardens, London, S. W. 1.

Studies in Japanese Pselaphidae (Coleoptera), I. Introductory materials checklist, and key to genera, by Orlando Park. (Bulletin of the Chicago Academy of Sciences, November 30, 1948.)

The neutral element base of matter and probable cause of gravitation, by Santiago Antunez de Mayolo. Lima, Peru: Universidad Nacional Mayor de San Marcos, 1948.