

public the preliminary findings of a study of industrial research being made by the Bureau of Labor Statistics as part of the foundation's national survey of scientific research and development. He described the survey to the 6th Annual Conference on Industrial Research held by the Department of Industrial and Management Engineering of Columbia University in Harriman, N.Y.

Waterman said that the 200 companies interviewed in the study employ a substantial proportion of all scientists and engineers engaged in industrial research. About two-thirds of the companies with shortages reported that the shortages were major. All companies agreed that there is need for better qualified, more highly trained scientists and engineers. A sizable number of firms said that they had been forced to curtail projected increases in their research and development programs because of lack of qualified personnel.

■ De Beers Consolidated Mines has found a 572¼-carat diamond in its Jagersfontein mine near Kimberley, South Africa. This is the third largest ever found at this mine; the largest was the 971-carat Excelsior diamond, discovered in 1893. The Cullinan diamond, found at the Premier mine, weighed 3024¾ carats.

The company said that the latest find was "rather disappointing in that its color is not good and there are a number of spots and cracks, and its quality is therefore not of a high standard." The stone was found by a native. It is 1 in. thick, 2 in. long, and 1¾ in. wide.

■ An 80-year-old engine, one of the few of its kind in existence, has been restored at the Cooper-Bessemer Corp., Mount Vernon, Ohio. The 7000-lb, 15-hp engine that was used for threshing was built about 1875 by the firm's predecessor, the C. & G. Cooper Co. Cooper-Bessemer plans to build a museum in the near future.

■ The Rensselaer Polytechnic Institute library has been designated by the U.S. Atomic Energy Commission as an information depository for atomic data to serve northeastern New York and adjacent New England areas. More than 12,000 nonclassified documents are on file in the library, and additional material is being received each week.

As a part of Rensselaer's services-to-industry program, the atomic data will be available to industrial firms and individuals, who formerly have had to contact the AEC Technical Information Service in Oak Ridge, Tenn., in order to obtain information.

The documents, which include data from Atomic Energy of Canada, Ltd.,

and the Atomic Energy Research Establishment of Great Britain, are on file in bound pamphlets and on microprint cards.

## New Journals

*Endocrinologia Japonica*, vol. 1, No. 1, Sept. 1954. (In English.) Yosoji Ito, Ed. Endocrinological Society of Japan (Eastern Branch), Institute of Physiological Chemistry, Department of Pharmacy, Faculty of Medicine, Tokyo University, Motofuji, Bunkyo-ku, Tokyo, Japan. Quarterly. \$6 per year (except for vol. 1, 2 issues, \$3.)

*Journal of Inorganic & Nuclear Chemistry*, vol. 1, Nos. 1/2, Mar. 1955. (In English, French, and German.) Joseph J. Katz, H. C. Longuet-Higgins, and H. A. C. McKay, Eds. Pergamon Press, Maxwell House, Marleybone Road, London, N.W.1, England; 122 E. 55 St., New York 22. Issued in parts. \$12.60 per vol. (\$9.80 for individual subscribers' private use.)

*Journal of the Japanese Obstetrical & Gynecological Society* (English Edition), vol. 1, No. 1, Jan. 1954. The Society, 5, 2-Chome, Kanda-Surugadai, Chiyoda-ku, Tokyo, Japan. Quarterly.

*Journal of the West African Science Association*, vol. 1, No. 1, Oct. 1954. (In English, French, and German.) A. S. Boughey, Ed. The Association, University College, Achimota, Gold Coast, West Africa. Annually. 21s per year.

*Land Locomotion Bulletin*, No. 1, Jan.-Apr. 1955. Land Locomotion Division, Detroit Arsenal, Center Line, Mich.

*Mineralogical Journal*, vol. 1, No. 3, Oct. 1954. Nobuo Katayama, Ed. Mineralogical Society of Japan, Department of Geology and Mineralogy, Faculty of Science, Hokkaido University, Sapporo, Japan. \$1 per issue.

*Veterinary Reviews and Annotations*, vol. 1, Pt. 1, Apr. 1955. W. A. Pool, Ed. Commonwealth Agricultural Bureaux, Farnham House, Farnham Royal, Nr. Slough, Bucks, England. Semiannually. 25s. per year.

*Virology*, vol. 1, No. 1, May 1955. George K. Hirst, Ed. Academic Press Inc., 125 E. 23 St., New York 10. \$9 for vol. 1.

## Miscellaneous

■ The symposium on air pollution that was held at the Berkeley meeting of the AAAS is summarized in "Some scientific aspects of the urban air pollution problem" by Lauren B. Hitchcock and Helen G. Marcus in the July issue of *The Scientific Monthly*. Other articles in this issue include "Human background of Pacific science," Alexander Spoehr; "Significant

scientific discoveries by medical students," William C. Gibson; "An orientation toward modern physical theory," Marshall J. Walker; and "City neighborhood and village," Richard Neutra. Fourteen books are reviewed in this issue.

■ A comprehensive exhibit on the peaceful uses of atomic energy has been sent to Latin America for presentation to audiences in the Central and South American countries as part of the U.S. Overseas Information Program. The display consists of a series of panels and three reactor models describing present and proposed applications of nuclear energy. Loan of the reactor models was arranged through the Atomic Industrial Forum, Inc.

■ Applications are invited by the council of the Indian Institute of Science for the post of the director of the institute. Essential qualifications for the position are high scientific attainment, administrative ability, and experience. The salary will range from R. 2000 to R. 2500 per month (\$400-\$500), depending on the qualifications of the candidate.

The person selected will be on probation for a period of 2 years, after which, if confirmed, he will continue until his retirement at the age of 60. He will be a member of the institute's Provident Fund Scheme, for which the subscription rate is between 1½ and 2½ annas per rupee; the institute contributes an amount equal to 8 1/3 percent of the salary. Leave and other privileges will be determined by the regulations and bylaws. An unfurnished house situated on the institute grounds will be provided, and rent and other charges will be levied as prescribed.

The appointee is entitled to a one-way travel fare if he is single, or two fares if he is married. For further information and forms, write to the registrar, A. G. Pai, Indian Institute of Science, Bangalore 3, India. *Completed applications must be received by 5 Sept.*

■ At the 44th annual meeting of the International Association of Medical Museums held in Houston, Tex., 5-6 Apr., the name of the association was changed to the International Academy of Pathology. Ever since its organization in 1906, the association has been primarily interested in advancing the teaching of pathology, and it was felt that this change in name would more adequately identify the association's main objective. The association currently has about 800 members consisting chiefly of pathologists.

The next meeting of the association will be held in Cincinnati on 24-25 Apr. 1956. For information, write to the secretary-treasurer, F. K. Mostofi, Armed Forces Institute of Pathology, Washington 25, D.C.