the request of the Metals Controller, investigation of the chromite deposits of southeastern Quebec is being continued. C. H. Stockwell is making the detailed investigations of the chromite-bearing rocks and is carrying out geophysical work for the purpose of locating deposits of the mineral. J. W. Ambrose is examining the igneous formations in which chromite occurs.

In New Brunswick F. J. Alcock is supervising the prospecting for deposits of manganese along the northwestern flank of Caledonia Mountain. The project is being undertaken at the request of the Provincial Government.

In the Yukon H. S. Bostock is continuing the geological mapping of the McQueston area near Keno on a four-mile scale. Rocks in the area contain tungsten, silver, lead and other minerals. He is also investigating occurrences of placer tungsten on Canadian Creek and is collecting information for use in a report on mining operations in Yukon.

In the Northwest Territories A. W. Jolliffe has been engaged in investigating the Gilmour Lake area about fifty miles due east of Yellowknife settlement as an immediate source of scheelite, an ore of tungsten.

THE AMERICAN COORDINATING COMMITTEE ON CORROSION

THE third annual meeting of the American Coordinating Committee on Corrosion was held on August 6 at Gibson Island, Md. The meeting was planned to coincide with the first Symposium on Corrosion, sponsored by Section C of the American Association for the Advancement of Science with the assistance of this coordinating committee. Dr. R. M. Burns, assistant chemical director of the Bell Telephone Laboratories, was chairman of the symposium. It was attended by approximately seventy invited specialists. The coordinating committee has offered its services to Section C to insure similar symposia in future years.

At the official committee meeting Dr. F. N. Speller, representing the American Chemical Society and the National Research Council, was reelected chairman for the year 1941–42; Dr. R. M. Burns, representing the Electrochemical Society, was named vice-chairman; and Dr. G. H. Young, of the Mellon Institute of Industrial Research, was named secretary-treasurer. Committee headquarters are at the Mellon Institute, Pittsburgh, Pa.

The committee was organized three years ago under the auspices of the American Society for Testing Materials to coordinate research activities in this field, and is patterned after similar organizations abroad. It has been functioning as an independent body for the past two years. As its first contribution, it undertook to survey existing investigations on corrosion in this country. Requests for information were submitted to some six hundred individuals and companies, through the executive offices of the member organizations of the committee. From the data thus accumulated the committee issued in 1940 a confidential directory of corrosion investigators and a classified list of subjects, which was sent to all those officially listed in the directory. This directory has now been expanded to include additional investigators and to broaden its subject classification. The revised directory was released on August 15.

The committee is at present composed of official delegates from the American Chemical Society, American Electroplaters Society, American Foundrymen's Association, American Gas Association, American Institute of Chemical Engineers, American Institute of Electrical Engineers, American Institute of Mining and Metallurgical Engineers, American Society of Heating and Ventilating Engineers, American Society of Mechanical Engineers, American Society for Metals, American Society of Refrigerating Engineers, American Society for Testing Materials, American Water Works Association, American Welding Society, Battelle Memorial Institute, Copper and Brass Research Association, Electrochemical Society, Mellon Institute of Industrial Research, National Bureau of Standards, National District Heating Association, National Research Council, Society of Automotive Engineers and the Technical Association of Pulp and Paper Industry.

REPORT OF THE SUBCOMMITTEE ON EDUCATION FOR SERVICE OF THE AMERICAN MATHEMATICAL SOCIETY AND THE MATHEMATICAL ASSOCIATION OF AMERICA

A REPORT of activities and recommendations was recently presented to Professor Marston Morse, chairman of the War Preparedness Committee of the American Mathematical Society and the Mathematical Association of America by its Subcommittee on Education for Service. The active members of the subcommittee, who subscribe unanimously to the report are: R. S. Burington, H. B. Curry, E. C. Goldsworthy, W. L. Griffin, W. L. Hart, M. H. Ingraham and E. J. Moulton.

According to the report:

> In arriving at an estimate of the mathematical background which is desirable for workers in government and industry, and for officers and enlisted men in the Army and Navy, we recognize the validity of the following pedagogical viewpoint: In order that an individual may be able to use effectively any particular body of technique, his school training should extend a reasonable distance beyond the level of difficulty at which he will apply the technique. Thus, if we wish to prepare a student so that, later, perhaps after some review, he can use elementary algebra, he should be exposed to advanced algebra, or to some other mathematical subject with elementary algebra as a prerequisite. This pedagogical viewpoint is at variance with emergency actions which would attempt to

give men the bare minima of mathematical techniques necessary for a formal approach to their applications. An emergency justifies any remedial action, but our efforts should be directed toward making it unnecessary to use hazy emergency shortcuts to mathematical procedures. With our wide-spreal democratic system of secondary and collegiate education, our nation is justified in demanding that we should always have on hand a relative surplus of people with mathematical training through substantial secondary mathematics and also a surplus with elementary college training in the subject.

Further recommendations are taken up under the following headings: Statement of general viewpoints; Recommendations concerning mathematics for those in non-military activities; Evaluation of the mathematical needs of the Army and Navy; Conclusions drawn from results of the program of reviews of books of a mathematical nature used by the Army, Navy and Civil Aeronautics Authority; Recommendations concerning the field of secondary mathematics, and Curricular recommendations at the college level.

ELECTION TO BEIT MEMORIAL FELLOWSHIPS

A MEETING of the trustees of the Beit Memorial Fellowships for Medical Research was held on July 25. It is stated in the London *Times* that out of the 30 present fellows 13 had already been seconded at their own request for more direct service during the war, and that six others have undertaken some research work for Government Departments on problems arising out of the war.

The following elections were made, all with permission for each fellow to be seconded at any time for war duties:

Senior Fellowship (£700 a year).—T. R. R. Mann, M.D. (Lwow, Poland), Ph.D. (Cambridge).—To continue his work on intra-cellular metallo-protein compounds, especially of red blood cells. At the Molteno Institute of Biology, University of Cambridge.

Fourth Year Fellowships (£500 a year).—J. F. Danielli, B.Sc., Ph.D. (London).—To continue his work on the permeability of muscle fibers and of capillaries. At the Biochemical Laboratory, University of Cambridge.

Miss C. O. Hebb, M.A. (Dalhousie), Ph.D. (McGill University).—To continue her studies of physiological problems in relation to high altitudes. At the Department of Physiology, University of Edinburgh.

H. Lehmann, M.D. (Basle), Ph.D. (Cambridge).—To continue his work on the influence of shock and of the suprarenal glands on glycogen synthesis. At the Biochemical Laboratory, University of Cambridge.

Junior Fellowships (normal value £400 a year).—E. F. Gale, B.Sc. (London), Ph.D. (Cambridge).—1851 Exhibition Senior Student, Fellow of St. John's College, Cambridge.—To study bacterial amine production as a cause of non-specific infantile diarrhoea. At the Biochemical Laboratory, University of Cambridge.

W. Holmes, B.A. (Oxford), Christopher Welch Scholar in Biology, Senior Demy of Magdalen College.—To study the regeneration of nerve fibers after injury. At the Department of Zoology, University of Oxford.

Miss M. F. Lockett, M.D. (London), M.R.C.P., Owen-Roberts memorial scholar, London School of Medicine, research student in pharmacology, Cambridge.—To identify renal pressor substances responsible for experimental high blood pressure. At the Pharmacological Laboratory, University of Cambridge.

REPRESENTATION BY INSTITUTIONS AT THE MARINE BIOLOGICAL LABORATORY

The Collecting Net reports that there are 278 investigators present this summer at the Marine Biological Laboratory, Woods Hole, as compared with 293 at the same time last year. The following institutions are represented by three or more investigators:

Institution	1941	1940
Pennsylvania	30	34
New York	23	21
Columbia	18	22
Yale	13	8
Hopkins	12	8
Harvard	9	7
Ohio State	9	8
Chicago	8	13
Rockefeller Institute	8	9
Michigan	7	4
Princeton	7	5
Brown	6	5
Cornell	6	6
Pittsburgh	6	7
Cincinnati	5	4
Lilly Laboratories	5	4
Milton Academy	5	4
Vassar	5	2
Villanova	5	2
Washington	5	5
California	4	5
California Tech.	4	2
Iowa	4	4
Mt. Holyoke	4	2
Queens	4	4
Rochester	4	2
C. C. N. Y.	3	3
Illinois	3	2
Miami	3	2
Minnesota	3	2
Missouri	3	6
Oberlin	3	3
Syracuse	3	5
Temple	3	3
Toronto	3	5
Union	3	4
Williams	3	3

THE CHICAGO MEETING OF THE ACADEMY OF OPHTHALMOLOGY AND OTO-LARYNGOLOGY

THE forty-sixth annual meeting of the American Academy of Ophthalmology and Otolaryngology will be held at the Palmer House, Chicago, from October 19 to 23, under the presidency of Dr. Frank R. Spencer, of Boulder, Colo.