

first head was Commander T. S. Fillebrown, U.S.N. Maury had left the Federal for the Confederate Navy in 1861, before the creation of the Bureau of Navigation, whose founder, Rear Admiral Charles H. Davis, U.S.N., was probably the instigator of the movement for a Hydrographic Office.

In a wider sense, the Hydrographic Office started in 1830 with the establishment of the Navy's Depot of Charts and Instruments, since the depot was split in 1866 into the Hydrographic Office and the Naval Observatory. It is not correct to speak of Maury as "the founder of the Naval Depot of Charts," as do A. Joseph Wright and Captain Elliott B. Roberts of the U.S. Coast and Geodetic Survey [*The Coast and Geodetic Survey 1807-1957* (U. S. Government Printing Office, Washington, D.C., 1957), p. 22]. The depot's founder and first head was Lieutenant Louis M. Goldsborough, U.S.N. His successors (all of the same rank) were Charles Wilkes, James M. Gilliss, and Matthew F. Maury. Upon Maury's departure in 1861, he was succeeded by Gilliss.

Maury was unquestionably the best known as head of the depot, and these remarks are intended not to depreciate his deservedly outstanding reputation but to correct recent mistakes in the historical

record, mistakes whose currency might lead to the distortion of accomplishments too noteworthy to need enlargement.

HAROLD L. BURSTYN

London, England

As authors of *The Coast and Geodetic Survey, 1807-1957*, we are glad to acknowledge the factual accuracy of the statements made in Harold L. Burstyn's letter. We would like to point out, however, that our publication is a brief review, intended to convey general ideas without pretensions of definitive accuracy. The reference to M. F. Maury was based upon the officially recognized facts that he was the first officer of the Depot of Charts and Instruments to engage in the scientific study of physical oceanography, including winds, weather, and currents, and the first to engage the collaboration of ship masters in assembling data important in navigation. He, in fact, fathered the basic ideas upon which the U.S. Navy Hydrographic Office was developed. Our statement, therefore, seems to us correct in its significance though not literally true.

A. J. WRIGHT

E. B. ROBERTS

*U.S. Coast and Geodetic Survey,  
Washington, D.C.*

## Meetings

### Geochemical Society

The Geochemical Society was organized at a meeting in New Orleans in November 1955, for the purpose, as stated in its constitution, of "encouraging the application of chemistry to the solution of geological and cosmological problems." Its membership is international, at the present time including more than 1500 members from 50 different countries. Membership is open to anyone who will subscribe to the purpose of the society and who has either (i) training equivalent to at least a bachelor's degree in physical science, biological science, mathematics, or engineering or (ii) three years' experience in any one of these disciplines. The membership roll includes, besides geochemists, representatives from a wide variety of fields, ranging from astrophysics to ceramics, oceanography, and paleontology.

Annual meetings are held, whenever practicable, at the same time and place as the meetings of the Geological Society of America. Additional meetings, in the United States or elsewhere, may be called by the council of the society. For example, the society held a joint session with the Commission on Geochemistry of the International Union of Pure and Applied Chemistry, in Paris, in July 1957.

The Geochemical Society is affiliated with many scientific organizations throughout the world; its most recent affiliation is with the American Association for the Advancement of Science. It is a member of the American Geological Institute and of the Division of Chemistry and Chemical Technology and the Division of Earth Sciences of the National Research Council.

The official publication of the society is *Geochimica et Cosmochimica Acta*, published by the Pergamon Press; members of the society are eligible to receive this journal at the special price of \$10.00 per year. A newsletter, *Geochemical News*, is published bimonthly by the society.

A current project of the society is the translation of the Russian journal *Geokhimiya*, an undertaking to be subsidized by a grant from the National Science Foundation. If this project is successful, translations of other Russian journals and books on geochemistry will be undertaken. Other current activities include efforts to improve and broaden education in geochemistry and to encourage geochemical investigations through a research committee. The society hopes ultimately to be able to further geochemical research by awards and grants-in-aid and to set up standards for analytical work on geochemical problems.

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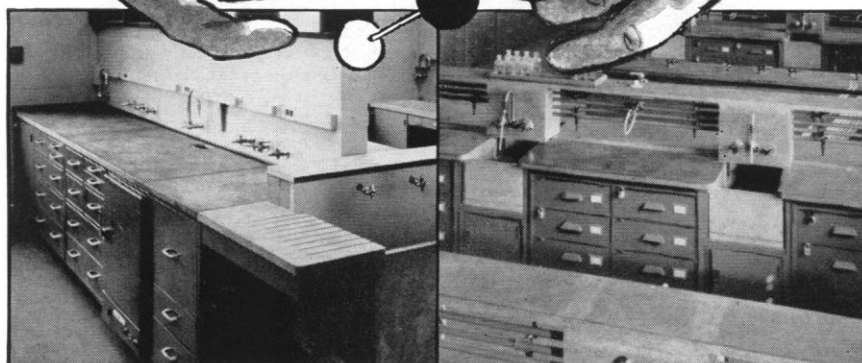
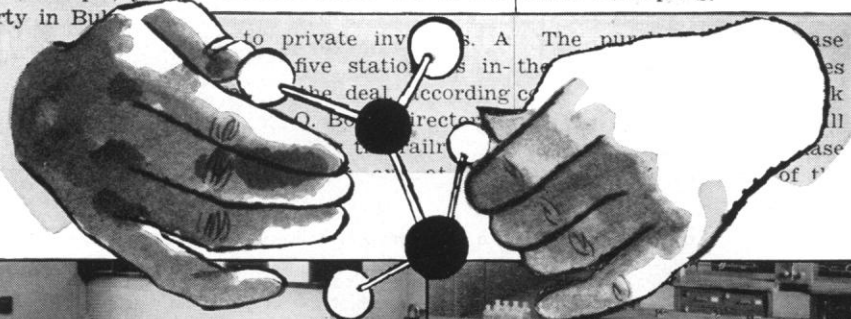
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KONRAD B. KRAUSKOPF

Stanford University,  
Stanford, California

## International Botanical Congress

The ninth International Botanical Congress will be held in Montreal, Canada, from 19 to 29 August 1959 at McGill University and the University of Montreal. The program will include papers and symposia related to all branches of pure and applied botany. The 10-day meeting will be one of the biggest scientific gatherings ever to take place in Canada. Some 4000 participants are expected from all parts of the world.

W. P. Thompson, president of the University of Saskatchewan, has been named president of the congress. Thompson is internationally known for his work on the genetics of cereals, especially wheat. For information write to the secretary-general, Dr. C. Frankton, IX International Botanical Congress, Science Service Building, Ottawa, Ontario, Canada.

## American College of Angiology

The American College of Angiology will hold its fourth annual meeting, 21-22 June, at the Fairmont Hotel, San Francisco, Calif. The meeting will consist of four sessions devoted to cardiovascular surgery, cardiovascular medicine, cerebrovascular disease, and experimental angiology. The cochairmen are Alvin Bakst, Brooklyn, N.Y.; J. Earle Estes, Mayo Clinic, Rochester, Minn.; George P. Fulton, San Francisco, Calif.; and Paul S. Lowenstein, St. Louis, Mo. For information, communicate with Dr. Alfred Halpern, Executive Secretary, 15 E. 62 St., New York 21, N.Y.

## International Radiation Congress

An International Congress of Radiation Research will be held at the University of Vermont, Burlington, 10-16 August, under the joint sponsorship of the National Academy of Sciences-National Research Council and the Radiation Research Society in cooperation with the European Committee on Radiobiology. The congress is being organized in order to provide an international forum for an interdisciplinary attack on the broad area of radiation research.

Under the chairmanship of the congress president, Alexander Hollaender of Oak Ridge National Laboratory, the organizing committee has scheduled the

following symposia: 12 Aug., "Role of oxygen and peroxides in radiation chemistry: Analysis and correlation of various radiobiological actions on the same cell species (yeast)"; 13 Aug., "Free radicals produced by irradiation"; 14 Aug., "Late effects of irradiation in mammals"; 15 Aug., "Induced changes in deoxyribonucleic acid and in chromosome structure." In addition, plenary sessions have been planned on the progress and status of radiation research, and ample opportunity will be given those who wish to present contributed papers in the broad area of radiation research. Information concerning the presentation of papers, registration, and housing may be obtained from Dr. Harvey M. Patt, Secretary General, International Congress of Radiation Research, Argonne National Laboratory, Post Office Box 299, Lemont, Ill.

### Society Elections

■ American Dental Association: pres., William R. Alstadt, Little Rock, Ark.; pres.-elect, Percy T. Phillips, New York, N.Y.; sec., Harold Hillenbrand, 222 E. Superior St., Chicago, Ill.; treas., H. B. Washburn, St. Paul, Minn. The vice presidents are Arthur W. Kellner, Hollywood, Fla.; J. Murray Gavel, Boston, Mass.; Bruce F. Wilkinson, Tyler, Tex. The assistant secretaries are C. Willard Camalier, Washington, D.C., and Louis M. Cruttenden, Chicago, Ill. The representative to the AAAS Council is H. Trendley.

■ Sigma Delta Epsilon: pres., and representative to the AAAS Council, Mary Louise Robbins, George Washington Medical School, Washington, D.C.; sec., Helen Borton Parker, 7 Lloyd Road, Malvern, Pa.; treas., Teresa Cohen, Pennsylvania State University. The vice presidents are Esther S. Anderson, Department of Geography, University of Nebraska, and Ethaline Cortel-you, Armour Research Foundation, Chicago, Ill. The representative to the AAAS Council is Irene Corey Diller, Institute for Cancer Research, Philadelphia, Pa.

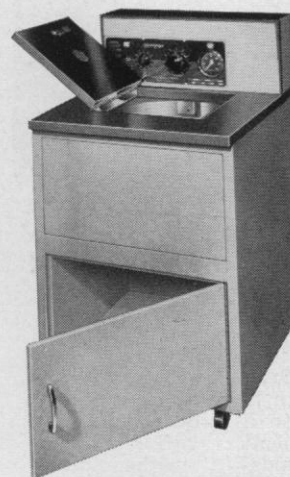
■ Western Society of Engineers: pres., George L. Jackson, Illinois State Toll Highway Commission; treas., Hjalmar W. Johnson, Inland Steel Company; executive sec., J. Earl Harrington, 84 East Randolph St., Chicago 1, Ill. The past presidents are John F. Sullivan, Jr., Asbestos and Magnesite Materials Company, and Albert P. Boysen, U.S. Steel Company. The vice presidents are Ormas G. Smith, Illinois Bell Telephone Company, and William A. Marston, Chicago, Ill.

2 MAY 1958

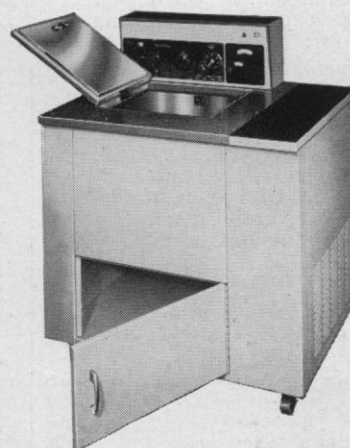
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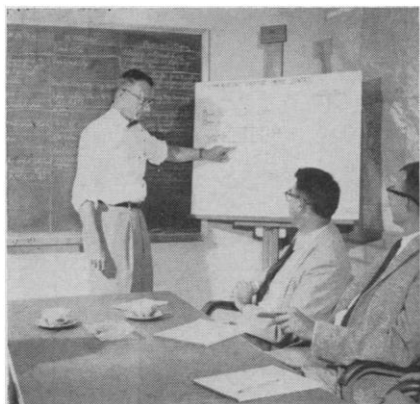
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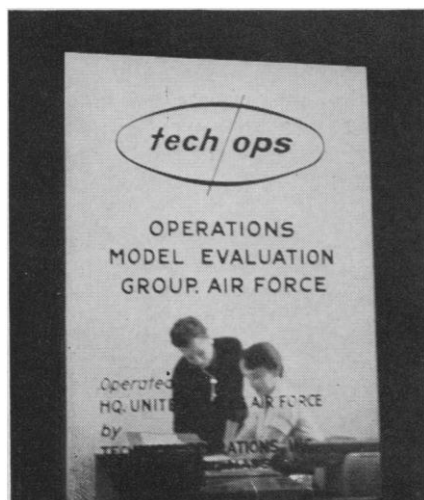
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■ American Sociological Society: pres., Robin M. Williams, Jr., Department of Sociology and Anthropology, Cornell University; v. pres., Robert E. L. Faris, Department of Sociology, University of Washington; pres.-elect, Kingsley Davis, University of California; past pres., Robert K. Merton, Department of Sociology, Columbia University; sec., Wellman J. Warner, Department of Sociology, New York University, N.Y.

## Forthcoming Events

### June

2-4. Telemetering Conf., 6th natl., Baltimore, Md. (G. M. Thynell, Applied Physics Lab., Johns Hopkins Univ., Silver Spring, Md.)

2-5. American Nuclear Soc., 4th annual, Los Angeles, Calif. (ANS, P.O. Box 963, Oak Ridge, Tenn.)

2-6. Mass Spectrometry, 6th meeting, New Orleans, La. (R. A. Friedel, U.S. Bureau of Mines, 4800 Forbes St., Pittsburgh 13, Pa.)

2-6. Medical Library Assoc., 57th annual, Rochester, Minn. (T. E. Keys, Librarian, Mayo Clinic, Rochester.)

2-6. Peaceful Uses of Atomic Energy in Australia, symp., Sydney, N.S.W. (Australian Atomic Energy Commission Research Establishment, Private Mail Bag, Sutherland, New South Wales.)

2-7. Industrial Microbiological Inst., 11th annual, Lafayette, Ind. (C. L. Porter, Stanley Coulter Hall, Purdue Univ., Lafayette.)

2-7. Mechanical Engineering, 7th internatl. cong., Scheveningen, Netherlands. (International Mechanical Engineering Cong., 10 avenue Hoche, Paris 8<sup>e</sup>.)

3-5. Special Libraries Assoc., annual, Chicago, Ill. (M. E. Lucius, SLA, 31 E. 10 St., New York 3.)

4-14. Large Electric Systems, 17th intern. conf., Paris, France. (112, Boulevard Haussmann, Paris.)

5. Institute of Microbiology, 4th annual, New Brunswick, N.J. (E. R. Isaacs, Inst. of Microbiology, Rutgers Univ., New Brunswick.)

9-11. American Assoc. of Spectrographers, 9th annual symp., Chicago, Ill. (H. J. Hettel, Armour Research Foundation, 10 W. 35 St., Chicago 16.)

9-11. Canadian Federation of Biological Societies, 1st annual; with Canadian Assoc. of Anatomists, Canadian Biochemical Soc., Canadian Physiological Soc., and Pharmacological Soc. of Canada; Kingston, Ontario. (E. H. Bensley, Montreal General Hospital, 1650 Cedar Ave., Montreal 25, P.Q.)

9-11. Health Physics Soc., 3rd annual, Berkeley, Calif. (E. E. Anderson, Oak Ridge National Lab., Oak Ridge, Tenn.)

9-11. Soc. of General Physiologists, Woods Hole, Mass. (F. G. Sherman, Dept. of Biology, Brown Univ., Providence 12, R.I.)

9-11. Society for the Study of Development and Growth, 17th annual symp., South Hadley, Mass. (Miss K. Stein, Dept. of Zoology, Mount Holyoke College, South Hadley.)

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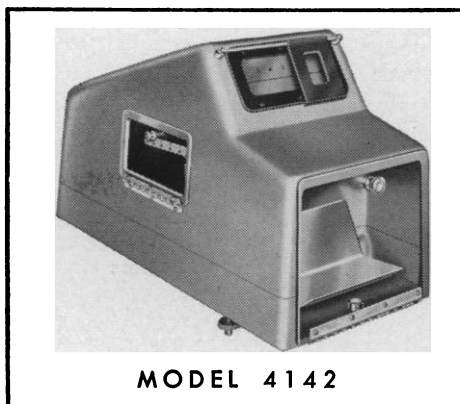
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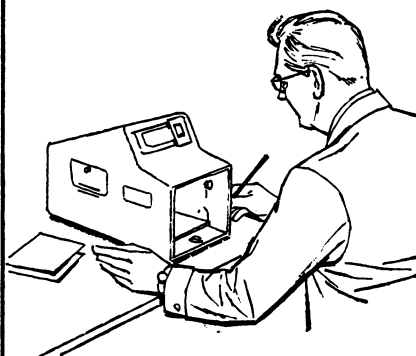
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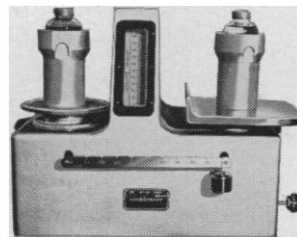
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9-13. Automation Exposition and Cong., 4th Internatl., New York. (International Automation Exposition, c/o Richard Rimbach Assoc., 845 Ridge Ave., Pittsburgh 12, Pa.)

10-12. Astronomical Soc. of the Pacific, annual, Los Angeles, Calif. (S. Einarsson, Leuschner Observatory, Univ. of California, Berkeley 4.)

10-13. Vacuum Techniques, 1st internatl. congress, Namur, Belgium. (E. Thomas, c/o CSN/ERM, 30, avenue de la Renaissance, Brussels 4, Belgium.)

11-14. Applied Mechanics, 3rd natl. Cong., Providence, R.I. (W. Prager, Brown Univ., Providence 12.)

11-14. National Soc. of Professional Engineers, St. Louis, Mo. (P. H. Robbins, NSPE, 2029 K St., NW, Washington, D.C.)

14-21. American Soc. of Medical Technologists, annual, Milwaukee, Wis. (Miss R. Matthaei, Suite 25, Hermann Professional Bldg., Houston 25, Tex.)

15-19. American Soc. of Mechanical Engineers, semiannual, Detroit, Mich. (O. B. Schier, II, ASME, 29 W. 39 St., New York 18.)

15-19. Cancer Research Conf., 3rd Canadian, Honey Harbour, Ontario. (R. L. Noble, Collip Medical Research Lab., Univ. of Western Ontario, London, Ont., Canada.)

15-20. American Physical Therapy Assoc., annual, Seattle, Wash. (Miss M. E. Haskell, APTA, 1790 Broadway, New York 19.)

16-18. American Neurological Assoc., 83rd annual, Atlantic City, N.J. (C. Rupp, 133 S. 36 St., Philadelphia 4, Pa.)

16-18. Military Electronics Conv., 2nd, Washington, D.C. (G. Rappaport, Emerson Radio & Phonograph Corp., 1140 East-West Highway, Silver Spring, Md.)

16-18. Photochemical Apparatus Symp., Upton, N.Y. (R. C. Fuller, Biology Dept., Brookhaven National Laboratory, Upton, L.I.)

16-20. American Soc. for Engineering Education, annual, Berkeley, Calif. (W. L. Collins, Univ. of Illinois, Urbana.)

16-20. Association of Official Seed Analysts, annual, Montreal, Quebec, Canada. (L. C. Shenberger, Seed Lab., Dept. of Agricultural Chemistry, Purdue Univ., Lafayette, Ind.)

16-20. Molecular Structure and Spectroscopy Symp., Columbus, Ohio. (R. A. Oetjen, Dept. of Physics and Astronomy, Ohio State Univ., Columbus 10.)

16-20. Pacific Div., AAAS, annual, Logan, Utah. (R. C. Miller, California Acad. of Sciences, Golden Gate Park, San Francisco 18.)

17-19. American Dairy Science Assoc., annual, Raleigh, N.C. (H. F. Judkins, 32 Ridgeway Circle, White Plains, N.Y.)

17-19. American Meteorological Soc., with Pacific Div., AAAS, Logan, Utah. (K. C. Spengler, AMS, 3 Joy St., Boston 8, Mass.)

18-20. Statistical Methods in Radio Wave Propagation, intern. symp., Los Angeles, Calif. (W. C. Hoffman, 3116 Engineering Bldg., Univ. of California, Los Angeles 24.)

18-21. College Physicists, 20th annual colloquium, Iowa City, Iowa. (J. A. Van Allen, Dept. of Physics, State Univ. of Iowa, Iowa City.)

18-22. American College of Chest Physicians, annual, San Francisco, Calif. (M. Kornfeld, ACCP, 112 E. Chestnut St., Chicago 11, Ill.)

19-21. Endocrine Soc., 40th annual, San Francisco, Calif. (H. H. Turner, 1200 N. Walker St., Oklahoma City 3, Okla.)

19-21. Society of Nuclear Medicine, 5th annual, Los Angeles, Calif. (R. W. Lackey, 452 Metropolitan Bldg., Denver, Colo.)

19-25. Scandinavian-American Meteorological Meeting, Bergen, Norway. (K. C. Spengler, 3 Joy St., Boston, Mass.)

21-22. Society for Investigative Dermatology, annual, San Francisco, Calif. (H. Beerman, 255 S. 17 St., Philadelphia 3, Pa.)

22-25. American Soc. of Agricultural Engineers, 51st annual, Santa Barbara, Calif. (J. L. Butt, ASAE, St. Joseph, Mich.)

22-27. American Inst. of Chemical Engineers, 50th anniversary, Philadelphia, Pa. (F. J. Van Antwerpen, AIChE, 25 W. 45 St., New York 36.)

22-27. American Soc. for Testing Materials, 61st annual, Boston, Mass. (F. F. Van Atta, ASTM, 1916 Race St., Philadelphia 3, Pa.)

23-24. Unstable Chemical Species Symp., Los Angeles, Calif. (Directorate of Advanced Studies, Air Force Office of Scientific Research, P. O. Box 2035-D, Pasadena, Calif.)

23-25. American Soc. of Heating and Air-Conditioning Engineers, semiannual, Minneapolis, Minn. (A. V. Hutchinson, ASHAE, 62 Worth St., New York 13.)

23-25. American Soc. of Refrigerating Engineers, annual, Minneapolis, Minn. (R. C. Cross, ASRE, 234 Fifth Ave., New York 1.)

23-27. American Soc. of Civil Engineers, Portland, Ore. (W. H. Wisely, ASCE, 33 W. 39 St., New York 18.)

23-28. Low Temperature Physics, 6th internatl. conf., Leiden, Netherlands. (J. van den Handel, Kamerlingh Onnes Laboratory, Leiden.)

24-26. Carcinogenesis: Mechanisms of Action, Ciba Foundation symp. (by invitation), London, England. (G. E. W. Wolstenholme, 41 Portland Pl., London, W.1.)

24-27. American Home Economics Assoc., annual, Philadelphia, Pa. (Miss M. Horton, AHEA, 1600 20 St., NW, Washington 9.)

25-28. American Assoc. of Physics Teachers, Boulder, Colo. (F. Verbrugge, School of Physics, Univ. of Minnesota, Minneapolis.)

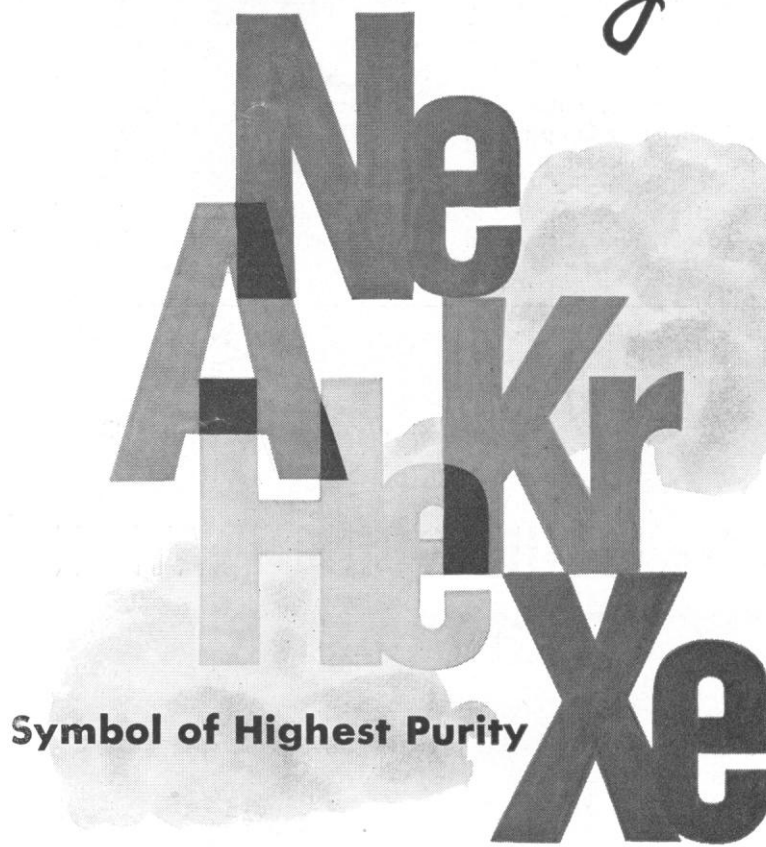
25-1. International Soc. of Urology, 11th, Stockholm, Sweden. (G. Giertz, Karolinska Sjukhuset, Stockholm C.)

29-2. American Astronomical Soc., Madison, Wis. (J. A. Hynek, Smithsonian Astrophysical Observatory, 60 Garden St., Cambridge 38, Mass.)

29-4. National Education Assoc., Cleveland, Ohio. (W. G. Carr, NEA, 1201 16 St., NW, Washington 6.)

(See issue of 18 April for comprehensive list)

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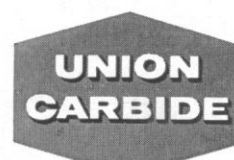
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