

New AAAS Symposium Volumes  
**Spermatozoan Motility**

Edited by David W. Bishop. 322 pages. 113 illustrations. References. Index. 28 tables. August 1962. \$7.50 (\$6.50 prepaid for AAAS members).

**Great Lakes Basin**

Edited by Howard J. Pincus. 320 pages. 92 illustrations. 46 tables. Abstracts. References. Index. August 1962. \$7.50 (\$6.50 prepaid for AAAS members).

**Fundamentals of Keratinization**

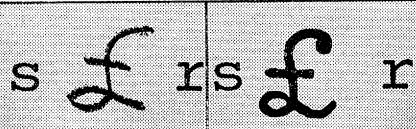
Edited by E. O. Butcher and R. F. Sognnaes. 202 pages. 136 illustrations. Summaries. References. Index. May 1962. \$6.50 (\$5.75 prepaid for AAAS members).

**Biophysics of Physiological and Pharmacological Actions**

Edited by Abraham M. Shanes. 612 pages. 212 illustrations. References. Index. December 1961. \$13.50 (\$11.75 prepaid for AAAS members).

Order today from

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE  
1515 Mass. Ave. NW, Washington, D.C. 20005

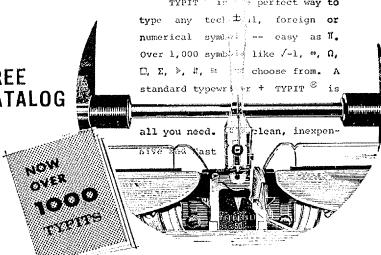


## COMPARE!

Hand drawn symbols with TYPIT®.

Type any symbol perfectly in 4 seconds with TYPIT®. Fits standard typewriter without fuss or muss. Prints out as sharp as the letters on your typewriter. Write for FREE CATALOG.

FREE CATALOG



**T Y P I T ®**

Type any Symbol -- PERFECTLY  
3127 SU Colvin St., Alexandria, Va.

1480

for a wide gamut of experimental problems. An interesting observation concerned the retention of a conditioned response despite repeated blocking of the cerebral circulation within 20 seconds after the conditioning trial.

Other speakers included C. Beyer (Mexico City), B. Grafstein (New York), P. Rudomin, J. Garcia Ramos (Mexico City), and S. P. Grossman (Iowa).

This symposium, the second in a series on neurobiology, is held alternately in Mexico and the United States. It was supported by a grant from the Office of Naval Research, U.S. Navy, and by local funds from the Neurological Sciences Foundation (Phoenix). Proceedings will be published soon as a special supplement of the *Boletín del Instituto de Estudios Médicos y Biológicos, México*.

E. EIDELBERG

A. S. SCHWARTZ, J. HARRIS  
Barrow Neurological Institute of  
St. Joseph's Hospital, Phoenix, Arizona

## Forthcoming Events

### July

1-4. National Soc. of Professional Engineers, annual, Asheville, N.C. (K. E. Trombley, NSPE, 2029 K St., NW, Washington, D.C.)

1-4. British Tuberculosis Assoc., St. Andrews, Scotland. (BTA, 59 Portland Place, London, W.1, England)

2-3. Spectrochemical Analysis, limits of detection, conf., Exeter, England, Institute of Physics and the Physical Society, 47 Belgrave Sq., London, S.W.1, England)

2-4. Scandinavian Dental Congr., Helsinki, Finland. (N. Anderson, Bergmansg. 11 D, Helsinki)

2-5. Northwest Proctologic Soc., Banff, Canada. (F. C. Swartzlander, Greyhound Bldg., Calgary, Canada)

2-8. Nuclear Physics, intern. congr., Paris, France. (The Congress, B.P. No. 14, Orsay, Seine-et-Oise, France)

5-10. American Physical Therapy Assoc., annual conf., Denver, Colo. (H. J. Hislop, 1790 Broadway, New York, N.Y.)

6-8. Electron-Beam Processes for Microelectronics, symp., Malvern, Worcester, England. (Information Officer, Royal Radar Establishment, St. Andrews Rd., Malvern)

6-9. Learning and Associated Phenomena in Invertebrates, Cambridge, England. (D. Davenport, Dept. of Biological Sciences, Univ. of California, Santa Barbara)

6-9. Signal Processing in Radar and Sonar Directional Systems, Birmingham, England. (British Institution of Radio Engineers, 9 Bedford Sq., London, W.C.1)

6-10. Magnetic Recording, intern. conf., London, England. (Secretariat, the Conference, c/o Inst. of Electrical Engineers, Savoy Pl., London, W.C.2)

6-10. Theoretical and Applied Mathematical Programming, intern. symp., London, England. (M. Kinnaird, Operational Research Soc., 64 Cannon St., London, E.C.4)

6-10. Physics of Non-crystalline Solids, intern. congr. Delft, Netherlands, (J. A. Prins, Lab. Technische Natuurkunde T.H. Delft)

6-11. Magnetohydrodynamic Electrical Power Production, Paris France. (European Nuclear Energy Agency, 38 Blvd. Suchet, Paris 16<sup>e</sup>)

6-12. Sanitary Engineering, 9th inter-American congr., Bogotá, Colombia. (J. A. Jove, Inter-American Assoc. of Sanitary Engineering, Centro Simón Bolívar, Edificio Sur, 6° piso, Caracas, Venezuela)

7-10. American Dental Soc. of Europe, annual, Brighton, England. (A. E. F. Sturridge, 35 Harley St., London, W.1, England)

7-11. European Orthodontic Soc., 40th congr., Athens, Greece. (H. N. Haralabakis, Akadimias St. 31, Athens 135)

8-10. Sulfur Allotropes, Univ. of California, Berkeley. (B. Meyer, Latimer Hall, Univ. of California, Berkeley)

8-11. International Soc. of Gastroenterology, 6th intern. congr., Medellin, Colombia. (J. L. A. Roth, 419 S. 19 St., Philadelphia, Pa.)

8-16. Entomology, 12th intern. congr., London, England. (P. Freeman, British Museum of Natural History, Cromwell Rd., London, S.W.7)

10-11. Rocky Mountain Cancer Conf., Denver, Colo. (N. P. Isbell, 1809 E. 18 Ave., Denver 80218)

10-15. Pleistocene Geomorphology, symp., Exeter, England. (T. H. Elkins, Royal Geographical Soc., Kensington Gore, London, S.W.7)

12-15. Solid Propulsion, NASA meeting, Philadelphia, Pa. (W. H. Hunter, Office of Program Development, Washington, D.C. 10025)

12-16. Gastroenterology, 9th Pan American congr., Bogotá, Colombia. (C. A. Estepe, Soriano 877, Montevideo, Uruguay)

13-15. Problems of Capillary Permeability in Health and Disease, Univ. of Michigan 1964 summer symp., Ann Arbor, Mich. (M. M. Dewey, Dept. of Anatomy, Univ. of Michigan, Ann Arbor)

13-15. Data Processing and Acquisition in Biology and Medicine, conf., Rochester, N.Y. (K. Enslein, 42 East Ave., Rochester 14604)

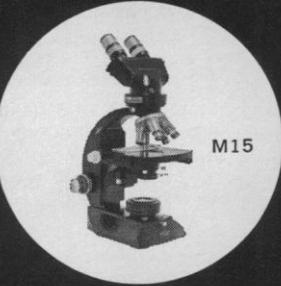
13-17. Canadian Teachers' Federation, Lac Beauport, P.Q., Canada. (G. Nason, 444 MacLaren St., Ottawa, Ont., Canada)

13-17. Chemistry of Carbohydrates, intern. symp., Münster, Germany. (F. Micheel, Organisch-Chemisches Institut, Universität, Hindenburgplatz 55, Münster)

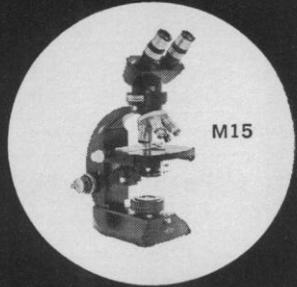
13-17. International Assoc. for Child Psychiatry and Allied Professions, London, England. (F. H. Stone, Royal Hospital for Sick Children, 70 University Ave., Glasgow, W.2 Scotland)

13-18. Instrumental Analytical Chemistry, 3rd annual symp., Bethlehem, Pa. (A. J. Diefenderfer, Dept. of Chemistry, Lehigh Univ., Bethlehem)

13-18. Latin Federation of Medical Electro-Radiological Soc., 6th congr., Brussels, Belgium. (Secretariat, 256 Chaus-



**VICKERS**  
*Biological*  
**MICROSCOPE**



Designed for convenient, reliable operation and FLAT FIELD, WIDE FIELD performance . . . a basic microscope stand of unrivaled stability — capable of elaboration to apply most techniques of microscopy and photomicrography . . . optional MAGNIFICATION CHANGER with Bertrand Lens . . . built-in Intense Research Illuminator.



**COOKE,  
TROUGHTON  
& SIMMS, Inc.**

91 WAITE STREET, MALDEN 48, MASSACHUSETTS

see de Wavre, Heverle-Louvain, Belgium)  
14-17. **Rarefied Gas Dynamics**, 4th intern. symp., Toronto, Ont., Canada. (G. N. Patterson, Inst. of Aerophysics, Univ. of Toronto, Toronto 5)

14-17. **Regional Science Assoc.**, 4th congr., Ghent, Belgium. (W. Isard, Univ. of Pennsylvania, Philadelphia 19104)

14-17. **Western Resources Conf.**, Boulder, Colo. (Bureau of Continuation Education, 352 Chemistry Bldg., Univ. of Colorado, Boulder)

14-19. **Sociology**, 7th Latin American congr., Bogotá, Colombia. (C. E. Angulo, Facultad de Sociología, Universidad Nacional de Colombia, Bogotá)

15-19. **Pleistocene Geomorphology**, symp., Cambridge, England. (T. H. Elkins, Royal Geographical Soc., Kensington Gore, London, S.W.7, England)

16-24. **British Medical Assoc.**, annual, Manchester, England. (D. Gullick, BMA, Tavistock Sq., London, W.C.1, England)

16-24. **Organic Photochemistry**, intern. symp., Strasbourg, France. (G. S. Hammond, Gates and Crellin Laboratories of Chemistry, California Inst. of Technology, Pasadena)

18-22. **International Union of Biological Sciences**, 15th general, Prague, Czechoslovakia. (G. L. Stebbins, Dept. of Genetics, Univ. of California, Davis)

19-24. **American Veterinary Medical Assoc.**, 101st annual, Chicago, Ill. (AVMA, 600 South Michigan Ave., Chicago 5)

19-25. **Polarography**, 3rd intern. congr., Southampton, England. (D. A. Pantony, Dept. of Metallurgy, Royal School of Mines, Prince Consort Rd., London, S.W.1, England)

19-26. **Comparative Endocrinology**, 4th intern. symp., Paris, France. (L. Gallien, Laboratoire d'Embryologie, Faculte des Sciences de Paris, 9 quai St-Bernard, Paris 5<sup>e</sup>)

20-22. **Magnetic Resonance in Biological Systems**, Boston, Mass. (R. G. Shulman, Bell Telephone Laboratories, Murray Hill, N.J.)

20-23. **New Mexico Acad. of General Practice**, Ruidoso. (H. L. Douglas, Box 767, Tatum, N.M.)

20-24. **International Diabetes Federation**, 5th congr., Toronto, Ont., Canada. (H. Best, Organizing Council, 477 Mt. Pleasant Rd., Toronto 7)

20-24. **Nuclear Radiation Effects**, technical conf., Seattle, Wash. (Inst. of Electrical and Electronics Engineers, Box A, Lenox Hill Station, New York, N.Y.)

20-24. **Organic Reaction Mechanism**, intern. symp. Cork, Ireland. (General Secretary, Chemical Soc., Burlington House, London, W.1, England)

20-24. **Semiconductor Physics**, intern. conf., Paris, France. (M. Balkanski, Laboratoire de Physique, Ecole Normale Supérieure, 24, rue Lhomond, Paris 5<sup>e</sup>)

20-25. **Catalysis**, 3rd intern. conf., Amsterdam, Netherlands. (D. M. Brouwer, c/o Badhuisweg 3, P.O. Box 3003, Amsterdam-N, Netherlands)

21-23. **Physiology and Experimental Psychology of Color Vision**, Ciba Foundation symp., London, England. (Ciba Foundation, 41 Portland Pl., London, W.1)

21-24. **American Malacological Union**, New Orleans, La. (M. C. Teskey, Rt. 2, Box 318, Marinette, Wis.)

## GAS CHROMATOGRAPHY SUPPLIES

- SOLID SUPPORTS
- COLUMN PACKINGS
- COLUMNS & ACCESSORIES

## THIN-LAYER CHROMATOGRAPHY SUPPLIES

- APPARATUS
- HIGHLY PURIFIED  
ADSORBENTS

## HIGH-PURITY LIPIDS

- FATTY ACIDS
- RADIO CHEMICALS
- CHOLESTERYL ESTERS
- TRIGLYCERIDES

## QUALITY

- EXTENSIVE TESTING OF MATERIALS
- TEST RESULTS SUPPLIED TO CUSTOMERS

## SERVICE

- 90% of Orders are Shipped Within 6 Hours of Receipt
- Complete Catalog and GAS—CHROM Newsletter Available on Requ

**APPLIED → SCIENCE**  
**LABORATORIES, INC.**  
P. O. BOX 140, STATE COLLEGE, 2, PA  
PHONE 814-238-2406