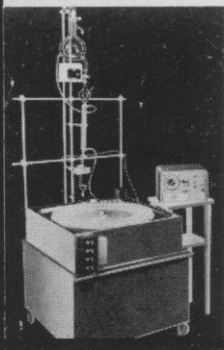


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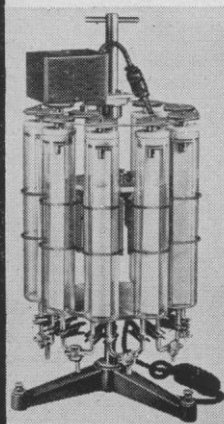


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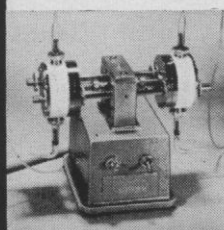


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High Energy Particle Accelerators and Instrumentation, 3rd conf., Moscow.

International Medico-Athletic Federation, 14th congr., Prague, Czechoslovakia. (Czechoslovak Acad. of Sciences, Narodní Tr. 3, Prague 1)

Spring 1964

Easter, Applied **Psychology**, intern. assoc., 15th congr., Dubrovnik, Yugoslavia. (Z. Bujas, Marulićev trg 19, Zagreb, Yugoslavia)

May 1964

6-10. **East German Geographic Soc.**, 7th meeting, Leipzig, East Germany. (The Society, Georgie Dimitroff Platz 1, Leipzig CI)

May-June 1964

Telecommunications Union, 3rd assembly of the consultative committee, Moscow, U.S.S.R. (Academy of Sciences of the U.S.S.R., Lenin Prospekt, Moscow)

June 1964

Balkan Medical Week, 7th, Sofia, Bulgaria. (Bulgarian Acad. of Sciences, 7 November St. 1, Sofia)

Forthcoming Events

February

18-20. **American Standards Assoc.**, natl. conf., New York, N.Y. (ASA, 10 E. 40 St., New York 16)

18-20. **Biophysical Soc.**, annual, New York, N.Y. (A. Mauro, Rockefeller Inst., New York)

18-20. **Electrochemistry**, 1st Australian conf., part II, Hobart, Tasmania. (J. N. Baxter, Chemistry Dept., Univ. of Tasmania, Hobart)

18-25. **Expert Committee on Food Additives**, FOA/WHO, Rome, Italy. (Intern. Agency Liaison Branch, Office of the Director General, Food and Agriculture Organization, Viale delle Terme di Caracalla, Rome)

19-22. **Radiochemistry**, inter-American conf., Montevideo, Uruguay. (Pan American Union, Washington 6)

20-22. **Fundamental Cancer Research**, annual symp., Houston, Tex. (L. Dmochowski, Section of Virology and Electron Microscopy, M. D. Anderson Hospital, Houston 25)

20-22. **Solid-State Circuits**, intern. conf., Philadelphia, Pa. (F. J. Witt, Bell Telephone Laboratories, Inc., Murray Hill, N.J.)

20-23. **National Assoc. for Research in Science Teaching**, Washington, D.C. (J. D. Novak, Biological Science Dept., Purdue Univ., Lafayette, Ind.)

20-24. **Diseases of the Chest**, intern. congr., New Delhi, India. (M. Kornfeld, American College of Chest Physicians, 112 E. Chestnut St., Chicago 11, Ill.)

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This volume is intended as a review of knowledge on many aspects of grasslands resources. The 44 authors were selected by their own professional colleagues as being particularly competent to present the respective subjects. Thirty-seven papers are arranged under these chapter headings:

1. Sciences in Support of Grassland Research
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3. Engineering Aspects of Grassland Agriculture
4. Forage Utilization and Related Animal Nutrition Problems
5. Evaluation of the Nutritive Significance of Forages
6. Grassland Climatology
7. Ecology of Grasslands
8. Range Management

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AAAS, 1515 Mass. Ave., NW, Washington 5, D.C.

21-22. American Soc. for **Quality Control**, regional conf., Las Vegas, Nev. (S. R. Wood, Dept. 61, Bldg. 160, Aerojet-General Corp., Azusa, Calif.)

22-23. American **Psychopathological Assoc.**, annual, New York, N.Y. (F. A. Freyhan, c/o St. Elizabeths Hospital, Washington 20, D.C.)

23-28. American Soc. for **Testing and Materials**, Atlantic City, N.J. (H. H. Hamilton, 1916 Race St., Philadelphia 3, Pa.)

24-25. Unit Processes in **Hydrometallurgy**, symp., Dallas, Tex. (F. T. David, Colorado School of Mines, Golden)

24-27. **Diffusion**, intern. conf., Palm Springs, Calif. (O. H. Miller, School of Pharmacy, Univ. of Southern California, Los Angeles 7)

24-28. American Inst. of **Mining, Metallurgical, and Petroleum Engineers**, annual, Dallas, Tex. (E. Kirkendall, AIME, 345 E. 47 St., New York 17)

25-27. Advanced **Marine Engineering** Concepts for Increased Reliability, symp., Ann Arbor, Mich. (G. L. West, Jr., Dept. of Marine and Nuclear Engineering, Univ. of Michigan, Ann Arbor)

25-1. **Environmental Engineering**, natl. conf., Atlanta, Ga. (W. H. Wisely, American Soc. of Civil Engineers, 345 E. 47 St., New York, N.Y.)

26-27. **Dairy Engineering**, natl. conf., East Lansing, Mich. (C. W. Hall, Dept. of Agricultural Engineering, Michigan State Univ., East Lansing)

26-1. Society of **Plastics Engineers**, annual technical conf., Los Angeles, Calif. (G. P. Kovach, Foster Grant Co., 289 N. Main St., Leominster, Mass.)

27-3. American College of **Cardiology**, Los Angeles, Calif. (P. Reichert, 350 Fifth Ave., New York 1, N.Y.)

28-2. Experimental Aspects of **NMR Spectroscopy**, Pittsburgh, Pa. (W. A. Straub, Applied Research Laboratory, U.S. Steel Corp., Monroeville, Pa.)

March

1-3. **Developing Brain and Binding Sites** of Brain Biogenic Amines, intern. symp., Galesburg, Ill. (H. E. Himwich, Research Div., Galesburg State Research Hospital, Galesburg)

2-6. Canadian Assoc. of **Radiologists**, annual, Quebec, Canada. (J. L. Léger, 1555 Summerhill Ave., Montreal 25, P.Q., Canada)

4-6. Association of **Iron and Steel Engineers**, western meeting, Los Angeles, Calif. (T. J. Ess, 1010 Empire Bldg., Pittsburgh 22, Pa.)

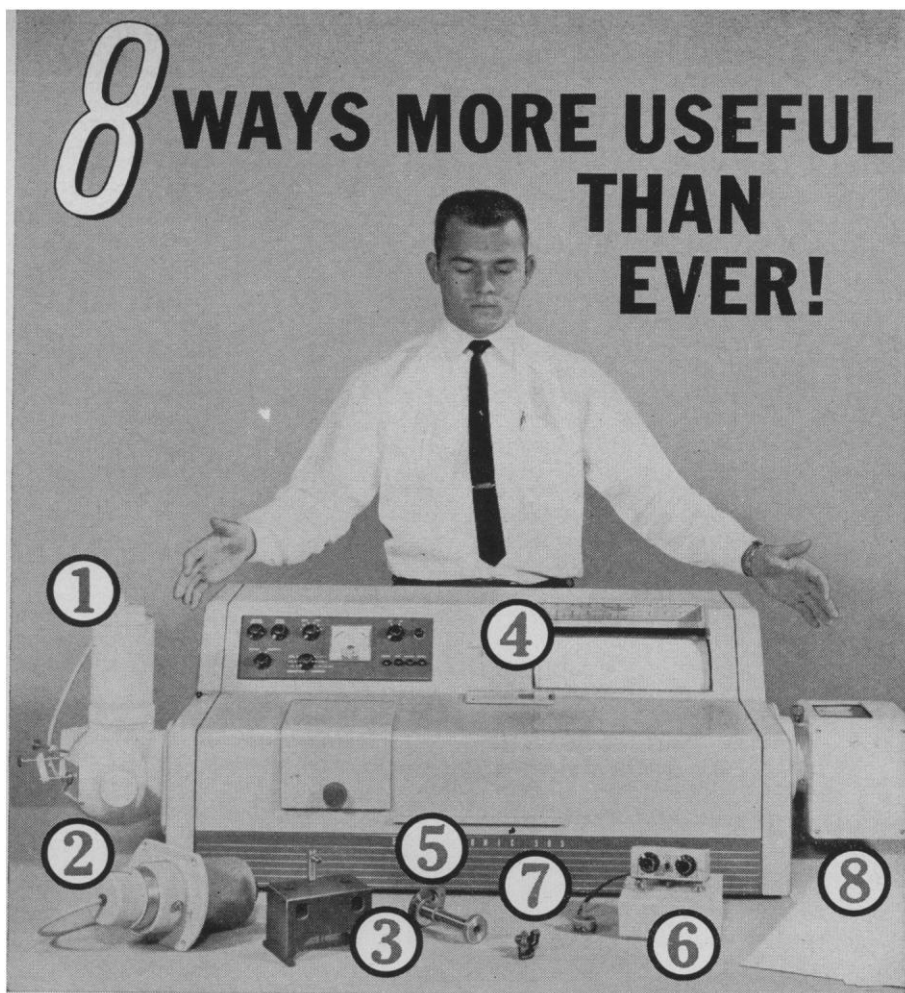
4-6. **Wildlife Management** Inst., Detroit, Mich. (C. R. Gutermuth, 709 Wire Bldg., Washington 5)

4-8. **Analytical Chemistry and Applied Spectroscopy**, 14th annual, Pittsburgh, Pa. (W. A. Straub, Applied Research Laboratory, U.S. Steel Corp., Monroeville, Pa.)

4-9. **Astronautics**, 3rd Inter-American symp., São Paulo, Brazil. (Symp. Secretariat, Sociedade Interplanetaria Brasileira, Caixa Postal 6450, São Paulo)

5-7. **Plant Engineering and Maintenance**, 4th southeastern seminar, Charlotte, N.C. (A. Brown, Service Engineering Associates, Inc., P.O. Box 2665, Atlanta, Ga.)

5-8. Committee on **Textile Materials**,



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New York, N.Y. (American Soc. for Testing and Materials, 1916 Race St., Philadelphia 3, Pa.)

5-9. Application of **Radioisotopes in Hydrology**, symp., Tokyo, Japan. (IAEA, 11 Kärntner Ring, Vienna 1, Austria)

6. American Assoc. of **Psychiatric Clinics for Children**, annual, Washington, D.C. (American Psychiatric Assoc., 1700 18th St., NW, Washington 9)

6-9. American **Orthopsychiatric Assoc.**, annual, Washington, D.C. (American Psychiatric Assoc., 1700 18th St., NW, Washington 9)

7-9. German Soc. of **Endocrinology**, 10th symp., Vienna, Austria. (H. Nowakowski, Deutsche Gesellschaft für Endokrinologie, c/o II. Medizinische Universitätsklinik, Hamburg-Eppendorf, Germany)

9. **Linguistics**, 8th annual, New York, N.Y. (L. Pap, State Univ. College, New Paltz, N.Y.)

10-13. American Inst. of **Chemical Engineers**, New Orleans, La. (J. Henry, 345 E. 47th St., New York, N.Y.)

10-20. **Nutrition Problems in Latin America**, 5th U.N. Food and Agriculture Organization conf., Lima, Peru. (Intern. Agency Liaison Branch, Office of the Director General, Viale della Terme di Caracalla, Rome, Italy)

11-16. **Numerical Weather Forecasting**, World Meteorological Organization/International Union of Geodesy and Geophysics, intern. symp., Oslo, Norway.

(World Meteorological Organization, Geneva, Switzerland)

12-13. Ecological Implications of Changes in the Amount of **Carbon Dioxide** in the Atmosphere, New York, N.Y. (Conservation Foundation, 30 E. 40 St., New York 16)

14. Assoc. of **Vitamin Chemists**, Chicago, Ill. (H. C. Spruth, Abbott Laboratories, 14th and Sheridan, North Chicago)

14-15. **Advanced Air-Cooled Reactor**, symp., London, England. (Secretary, British Nuclear Energy Soc., 1-7 Great George St., London, S.W.1)

14-15. **Central Neuropsychiatric Hospital Assoc.**, annual, Chicago, Ill. (American Psychiatric Assoc., 1700 18th St., NW, Washington 9)

14-15. **Psychotherapy Teaching**, Philadelphia, Pa. (Temple Univ. Medical Center, Broad and Ontario Sts., Philadelphia 40)

15-16. **Pacific Computer Conf.**, Pasadena, Calif. (E. Schubert, Systems Div., Beckman Instruments, 2400 Harbor Blvd., Fullerton, Calif.)

17-24. **Military Medicine and Pharmacy**, 17th intern. congr., Caracas, Venezuela. (Organizing Committee, c/o Dirección del Servicio de Sanidad Militar, Hospital Central de las Fuerzas Armadas Urbanización San Martín, Caracas)

18-22. American Soc. for **Metals**, western metal exposition and congr., Los Angeles, Calif. (W. J. Hilty, ASM, Metals Park, Ohio)

18-22. **Driving Simulation as a Research**

Tool, Columbus, Ohio. (B. W. Stephens, U.S. Dept. of Commerce, Bureau of Public Roads, Washington 25)

18-28. **International Astronomical Union**, 20th symp., Canberra and Sydney, Australia. (D. H. Sadler, c/o Royal Greenwich Observatory, Hertsmonceux Castle, Hailsham, Sussex, England)

19-21. **Bionics**, 2nd symp., Dayton, Ohio. (Lt. Col. L. M. Butsch, Jr., Aeronautical Systems Division, ASRNEB-3, Wright-Patterson AFB, Ohio)

20-22. **Bone Dynamics**, intern. symp., Detroit, Mich. (H. M. Frost, Dept. of Orthopaedic Surgery, Henry Ford Hospital, Detroit 2)

20-29. **Quantitative Spectroscopy** at Elevated Temperatures and Selected Applications in Space Science. Pasadena, Calif. (D. L. Wennersten, Air Force Office of Scientific Research, Washington 25)

21-24. **International Assoc. for Dental Research**, 41st annual, Pittsburgh, Pa. (J. Muhler, 1120 W. Michigan St., Indianapolis 2, Ind.)

21-24. **International College of Applied Nutrition**, Pasadena, Calif. (D. C. Collins, 7046 Hollywood Blvd., Suite 503, Los Angeles 28, Calif.)

24-28. **Institute of Radio Engineers**, intern. convention, New York, N.Y. (G. W. Bailey, 1 E. 79 St., New York)

25-27. **High Frequency Communication**, convention, London, England. (Secretary, Institution of Electrical Engineers, Savoy Pl., London, W.C.2)

25-28. American Assoc. of **Petroleum Geologists**, 48th annual, Houston, Tex. (J. M. Parker, Kirby Petroleum Co., 518 Patterson Bldg., Denver 2, Colo.)

25-28. Society of Economic **Paleontologists and Mineralogists**, Houston, Tex. (L. C. Pray, Ohio Oil Co., Box 269, Littleton, Colo.)

27-28. **Drugs and Animal Behaviour**, symp. (by invitation only), London, England. (Ciba Foundation, 41 Portland Pl., London, W.1)

27-29. **Photochemistry**, intern. symp., Rochester, N.Y. (W. H. Wyatt, Air Force Office of Scientific Research, Washington 25)

28-29. Evolution of the **Atherosclerotic Plaque**, intern. symp., Chicago, Ill. (Miss M. Brookes, Chicago Heart Assoc., 22 W. Madison St., Chicago 2)

28-30. Natl. Soc. for **Programmed Instruction**, annual, San Antonio, Tex. (NSPI, Trinity University, 715 Stadium Dr., San Antonio 12, Texas)

29-31. American Ethnological Soc., Ithaca, N.Y. (E. Friedl, Queens College, Flushing 67, N.Y.)

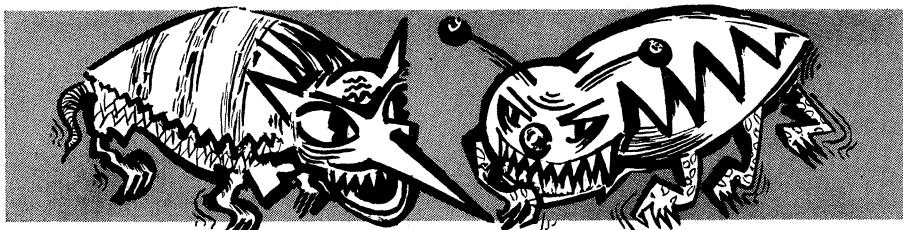
29-31. American Soc. of **Internal Medicine**, annual, Denver, Colo. (ASIM, 3410 Geary Blvd., San Francisco 18, Calif.)

31-4. **National Science Teachers Assoc.**, natl. convention, Philadelphia, Pa. (R. H. Carleton, NSTA, 1201 16th St., NW, Washington 6)

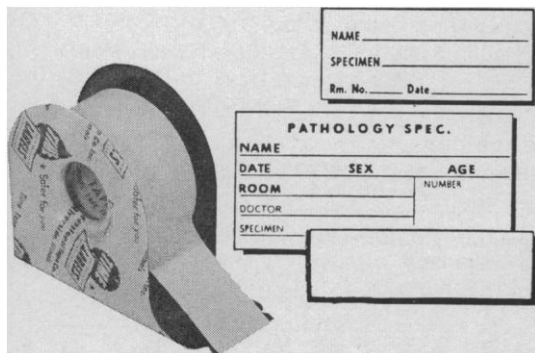
31-5. American **Chemical Soc.**, natl., Los Angeles, Calif. (A. T. Winstead, National Meetings Dept., ACS, 1155 16th St., NW, Washington 6)

31-5. National Assoc. of **Recreational Therapists**, annual, Norman, Okla. (American Psychiatric Assoc., 1700 18th St., NW, Washington 9)

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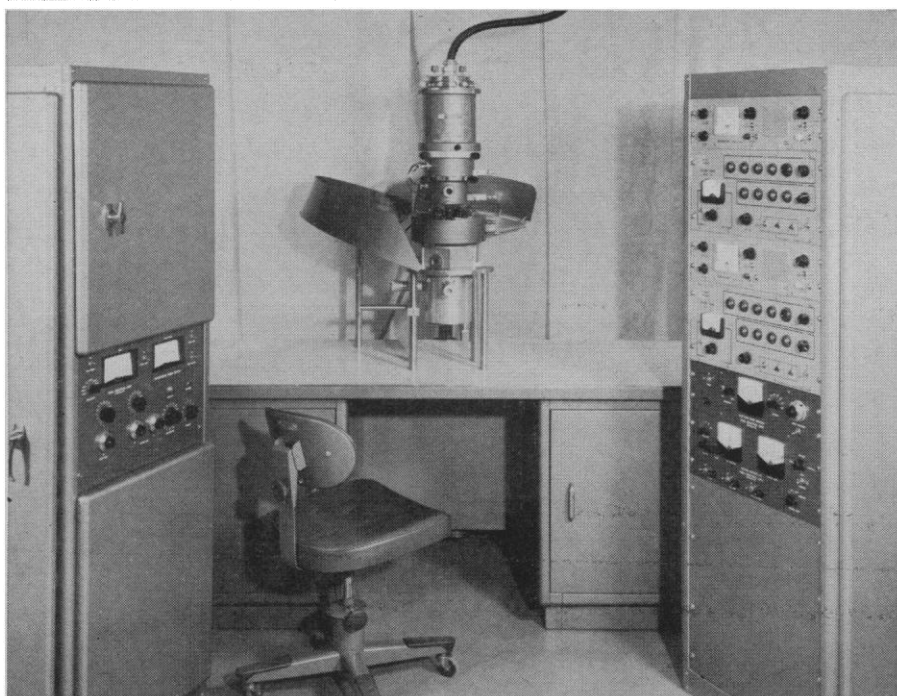
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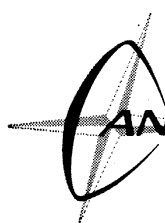
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1-2. **Process Automation**, 5th symp., Santa Monica, Calif. (D. Kader, P.O. Box 1065, Canoga Park, Calif.)

1-27. **World Meteorological Organization**, 4th congr., Geneva, Switzerland. (WMO, Secretariat, Geneva)

3-5. **American Soc. of Internal Medicine**, annual, Atlantic City, N.J. (ASIM, 3410 Geary Blvd., San Francisco 18, Calif.)

3-5. **Streamflow Regulation for Quality Control**, symp., Cincinnati, Ohio. (J. E. McLean, Field Operations Section, Robert A. Taft Sanitary Engineering Center, 4676 Columbia Pkwy., Cincinnati 26)

4-5. **Agricultural Meteorology**, 5th natl. conf., Lakeland, Fla. (American Meteorological Soc., 45 Beacon St., Boston 8, Mass.)

7-13. **Panamerican Diabetic Congr.**, 2nd, Chicago, Ill. (Diabetic Inst. of America, Inc., Suite 1646, Chicago 2, Ill.)

8-10. **Feedback Mechanisms in the Nervous System**, Villahermosa, Mexico. (E. Eidelberg, Div. of Neurobiology, St. Joseph's Hospital, 350 W. Thomas Rd., Phoenix, Ariz.)

10-11. **Engineering Aspects of Magneto-hydrodynamics**, 4th symp., Berkeley, Calif. (G. S. Janes, Avco-Everett Research Laboratory, Everett 49, Mass.)

11-13. **Natural Radiation Environment**, intern. symp., Houston, Tex. (J. A. S. Adams, Dept. of Geology, Rice Univ., P.O. Box 1892, Houston 1)

14-18. **Electrochemical Soc.**, Pittsburgh, Pa. (ES, 30 E. 42 St., New York 17)

15-16. **American Soc. for Artificial Internal Organs**, annual, Atlantic City, N.J. (B. K. Kusserow, Medical College of Vermont, Burlington)

16-18. **Optical Masers**, intern. symp., New York, N.Y. (L. Bergstein, Symp. Committee, Polytechnic Inst. of Brooklyn, 55 Johnson St., Brooklyn 1, N.Y.)

16-19. **USAF Aerospace Fluids and Lubricants Conf.** (unclassified), San Antonio, Tex. (J. Harmon, Southwest Research Inst., 8500 Culebra Rd., San Antonio)

16-20. **British Inst. of Radio Engineers**, Southampton, England. (BIRE, 9 Bedford Sq., London W.C.1, England)

16-20. **Federation of American Societies for Experimental Biology**, annual, Atlantic City, N.J. (M. O. Lee, 9650 Wisconsin Ave., NW, Washington 14)

16-24. **Forensic Immunology, Medicine, Pathology, and Toxicology**, 3rd intern. meeting, London, England. (I. Sunshine, 2121 Adelbert Rd., Cleveland, Ohio)

17-19. **Institute of Environmental Sciences**, technical meeting and equipment exposition, Los Angeles, Calif. (Natl. Office, P.O. Box 191, Mt. Prospect, Ill.)

17-19. **Nonlinear Magnetics**, intern. conf., Washington, D.C. (Inst. of Radio Engineers, 1 E. 79 St., New York 21)

17-19. **Plastics**, joint congr. of West Germany, Switzerland, and Austria, Vienna. (Wirtschaftsförderungsinstitut der Bundeskammer der gewerblichen Wirtschaft, 3 Hoher Markt, Vienna 1, Austria)

17-20. **American Astronomical Soc.**, meeting, Tucson, Ariz. (P. M. Routly, 265 Fitz Randolph Rd., Princeton, N.J.)

17-20. **American Geophysical Union**, annual, Washington, D.C. (AGU, 1515 Massachusetts Ave., NW, Washington 5)