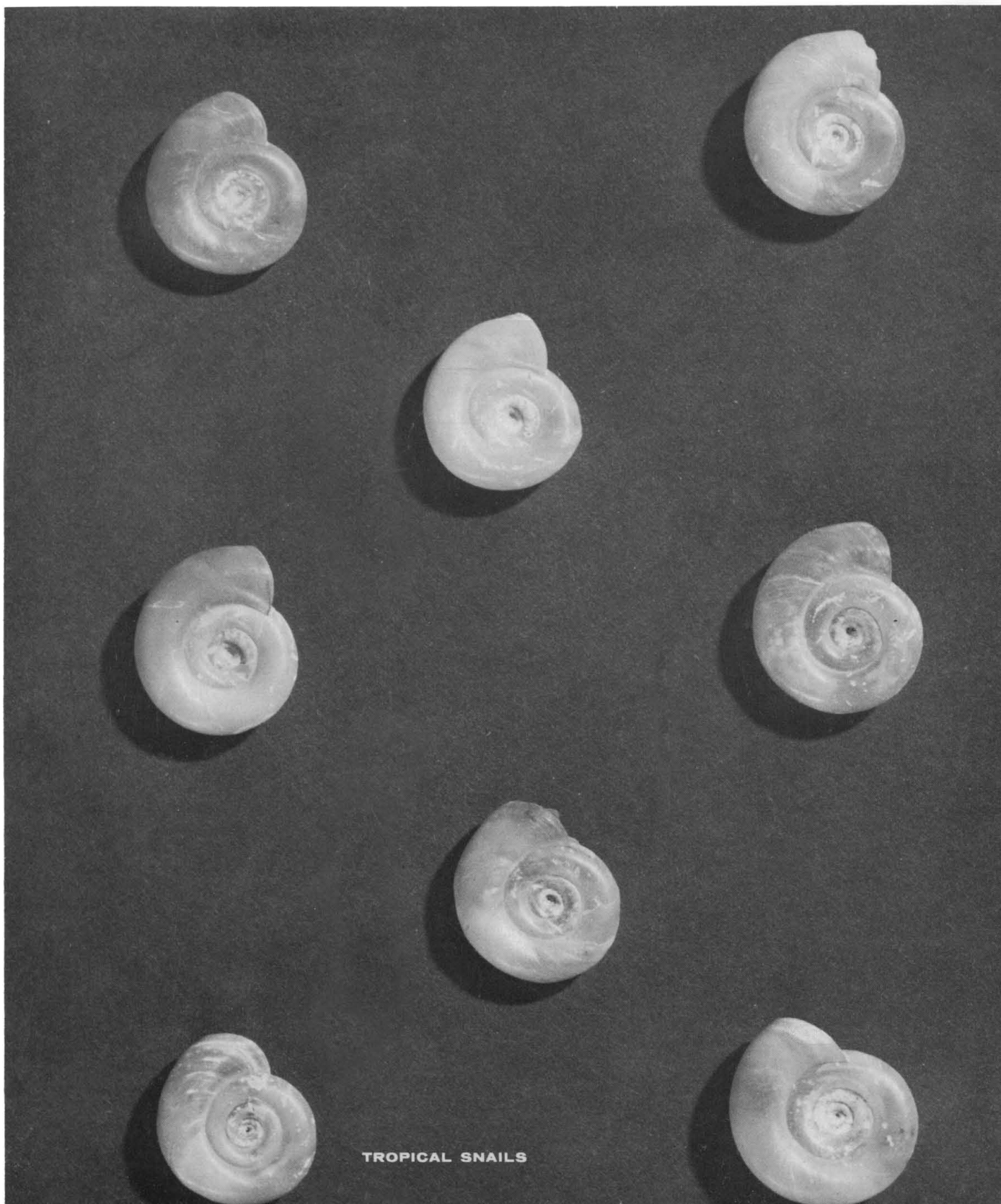


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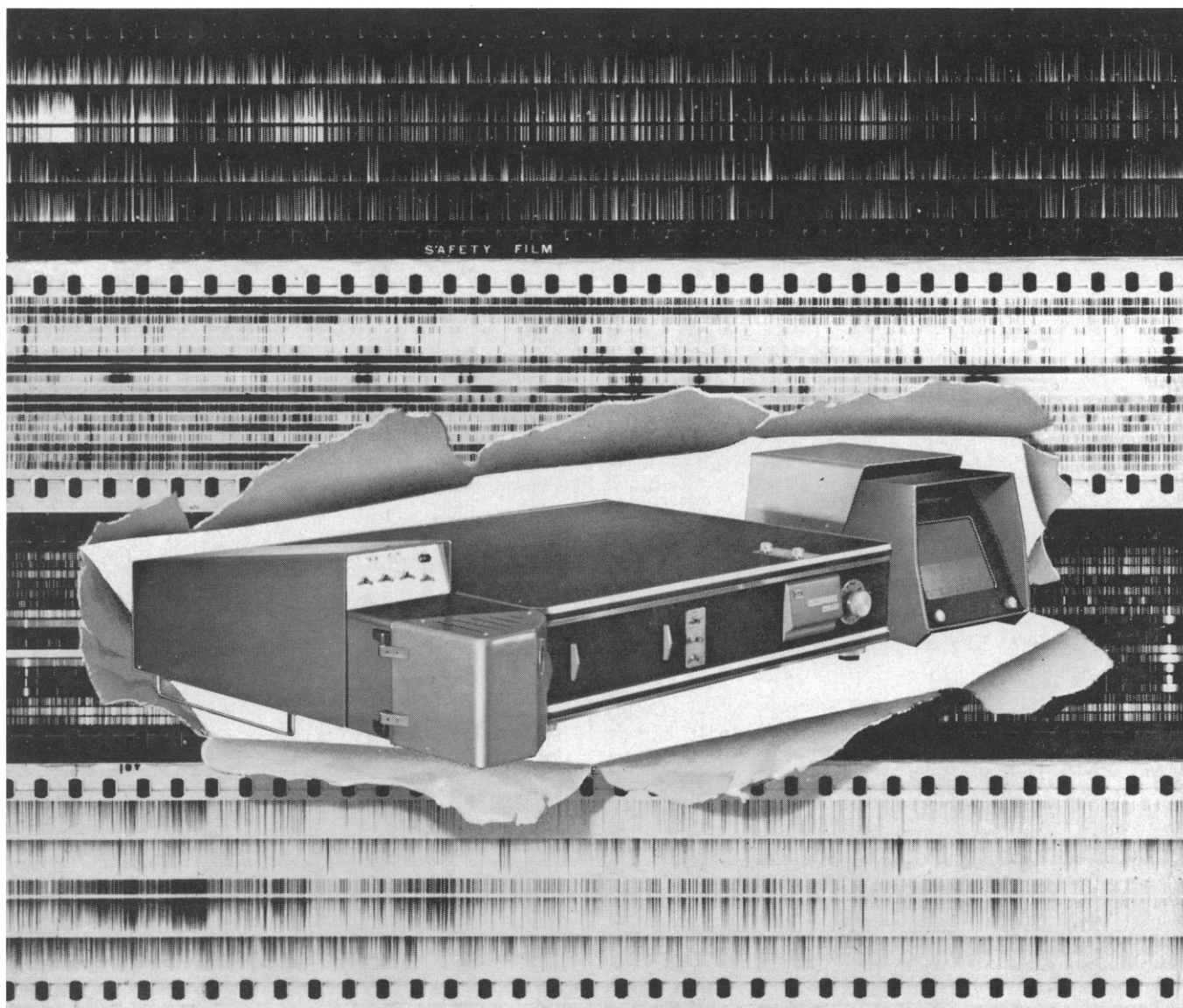
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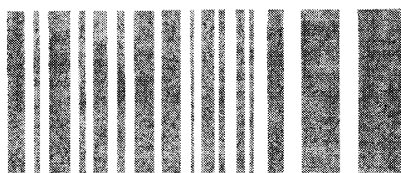
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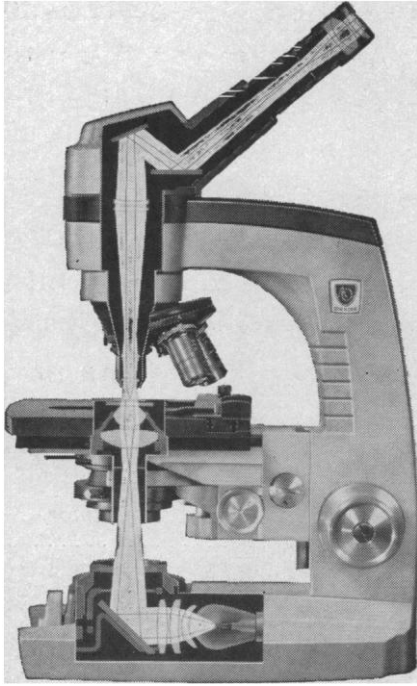
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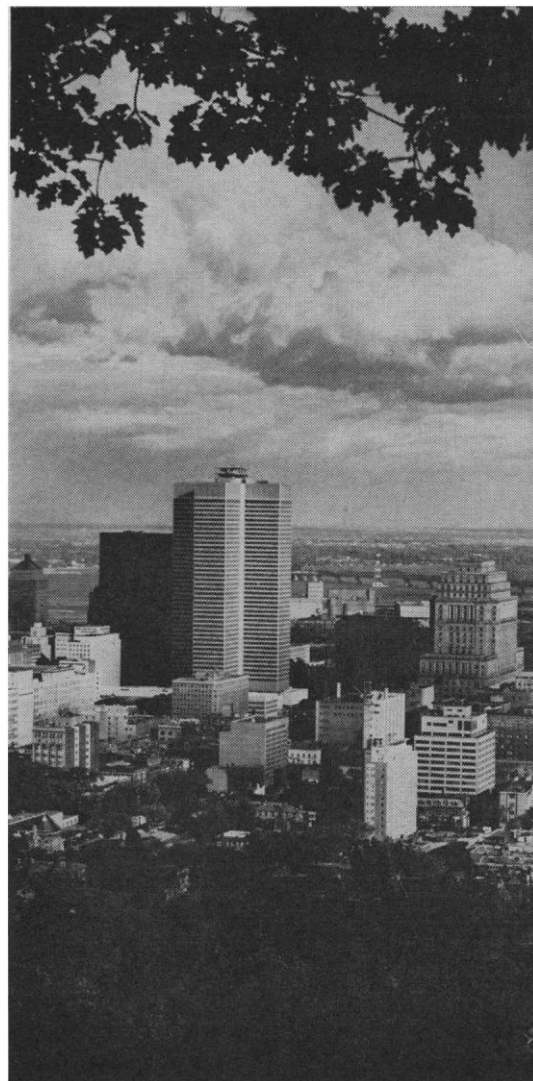
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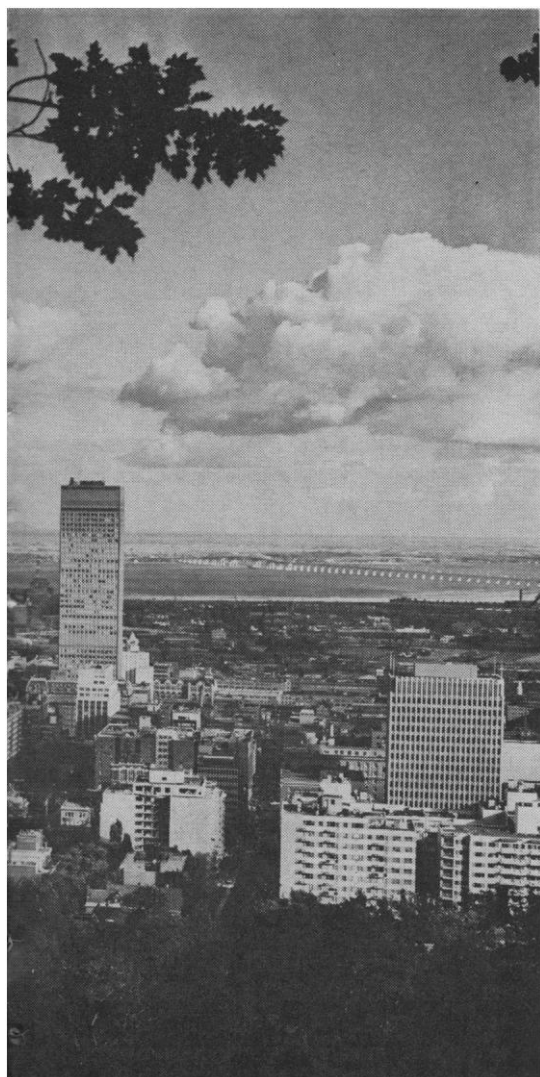
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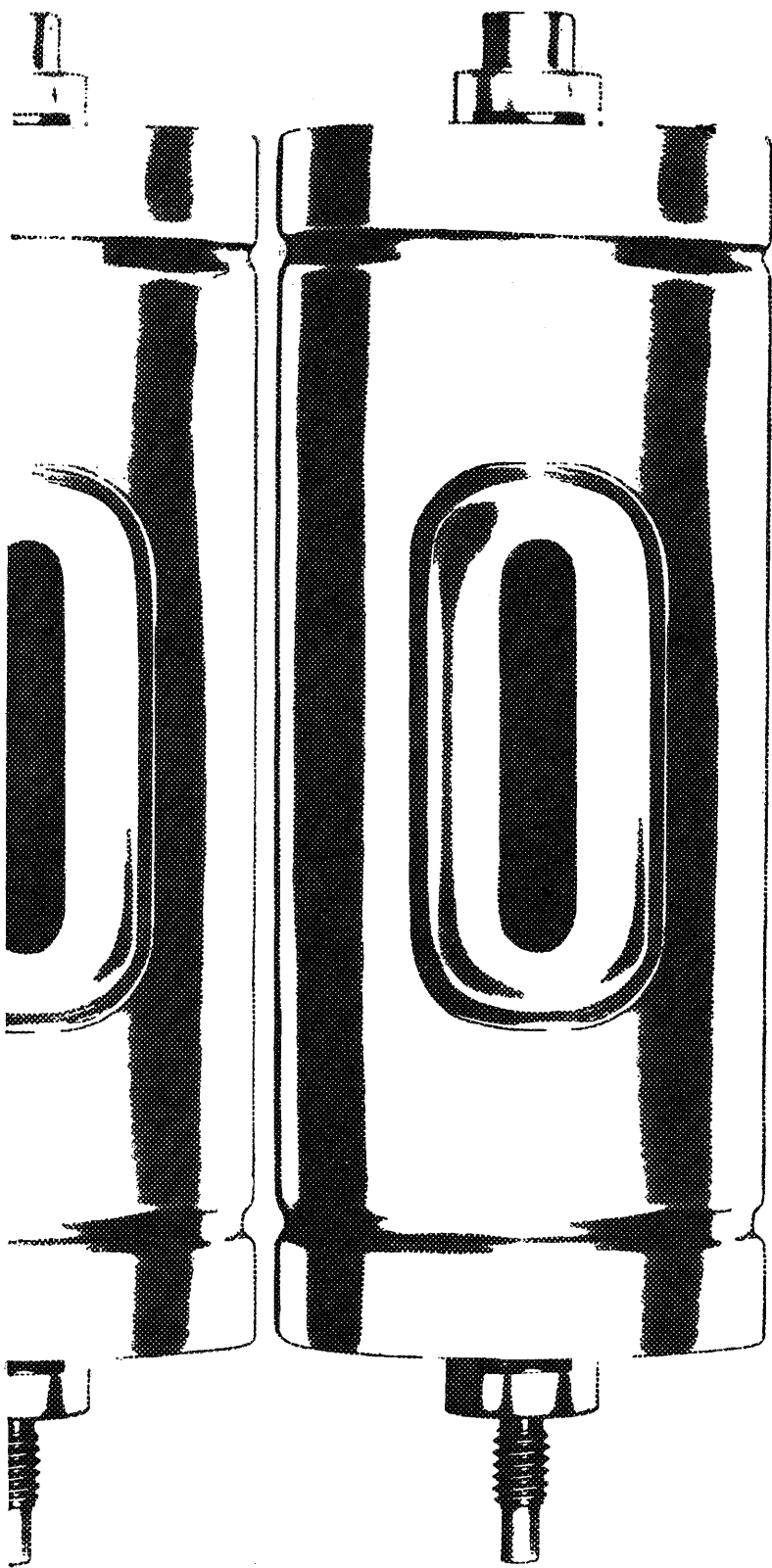
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## International Competition and Cooperation

World competition in technology is going to be a serious matter. To meet it, our best insurance is research—basic research to give the background and the leads for the future, and applied research to identify the feasibilities for development.

Of especial significance to our generation is the realization that man may be able to take giant steps to create a new world—steps that are unprecedented in range and in novelty. Many of these we do not have to take, but we shall. This raises in new guise the problem of survival—survival in the presence of an environment we ourselves create.

How are we to meet this challenge and responsibility?

The history of science teaches that the survival of a species depends fundamentally upon striking an effective balance between two conflicting elements, competition and cooperation. In human affairs we seem thus far to have found that the most effective balance lies in a free, democratic society.

The limits of accomplishment of such a society rest ultimately upon the capabilities of the individuals composing it, their ideals, their standards of conduct, character, motivation, intelligence, and increasingly, in this modern age, upon their knowledge.

As the distinguished mathematician and philosopher, Whitehead, remarked 50 years ago, "In the conditions of modern life the rule is absolute—the race which does not value trained intelligence is doomed."

These are strong words, but they are still prophetic.

Science will continue to bring to light research or development programs of greater and greater import for mankind. These will be impressive, but some will also be very expensive. If we fail to undertake them we jeopardize our position and our opportunities for leadership among the progressive nations of the world. If we do undertake them we shall then have the choice of financing and manning the effort alone, or enlisting the cooperation of other nations. In view of the global character of some of these ventures, their extreme cost, and their possible social implications, we should give increasingly serious consideration to this latter alternative—taking the lead for collaboration among nations.

A special situation in which international cooperation appears to be the only rational solution is one where the magnitude of the effort is inherently very great and where the consequences of experimentation are uncertain or possibly dangerous. If such enterprises are carried out in blind competition, they partake of the nature of "crash" programs which are expensive and wasteful. Furthermore, if the results of the research indicate the possibility of large-scale experiments that might involve the risk of altering the earth's environment, it is essential that the best minds available in all countries be brought to bear upon the problem. Some aspects of space exploration and research into weather modification are prime examples. No large-scale experiment or development should be attempted without the most careful research and every reasonable effort to anticipate its consequences, since it is possible that the sought-for effects might spontaneously amplify to highly dangerous proportions. For all these reasons it is of the greatest importance to move in the direction of increasing international cooperation in science and, where feasible, in development and technology.

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[Adapted from a statement to the Republican Platform Committee]

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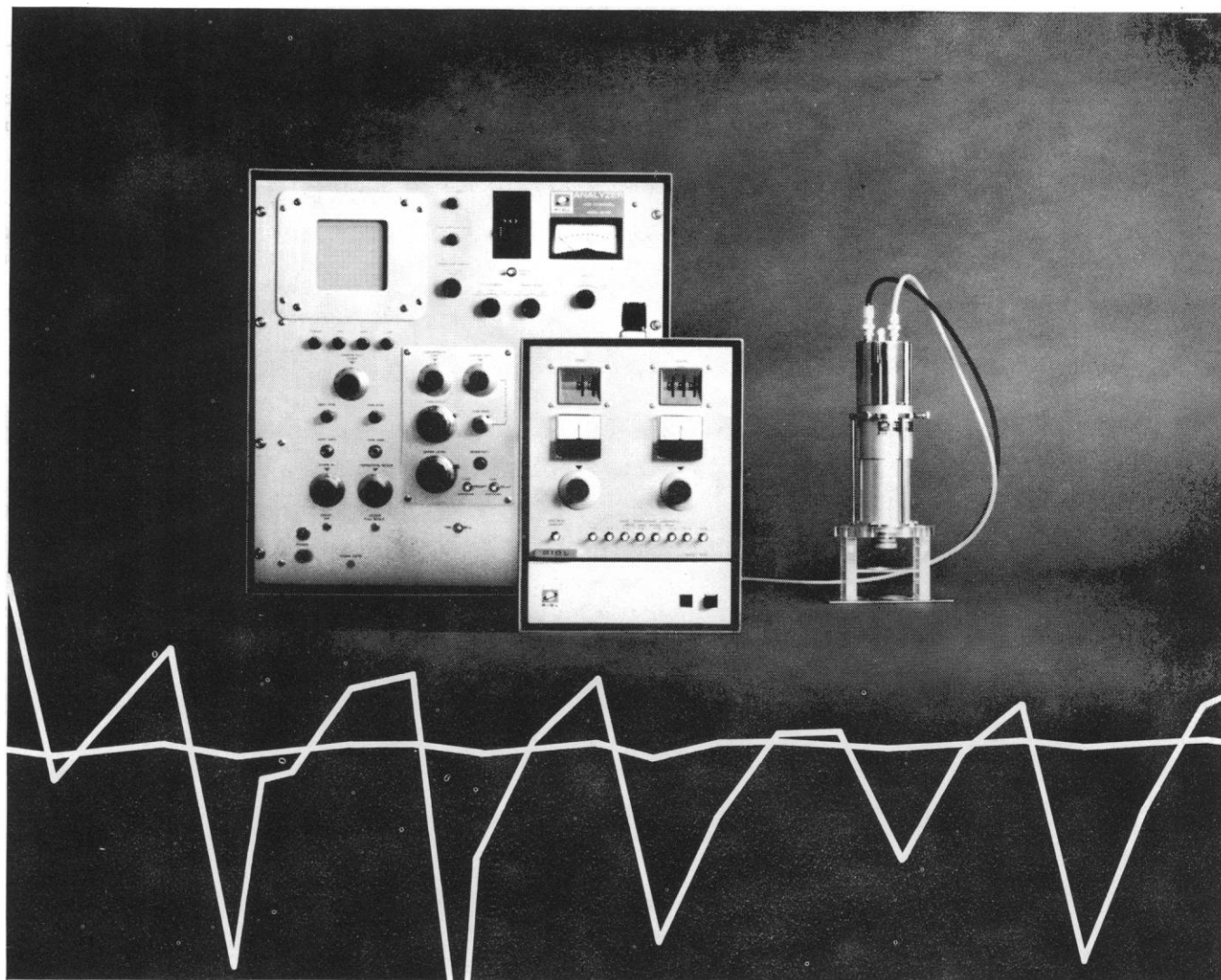
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9320 Tributylphosphine Oxide  
7727 Tridodecylamine  
P7723 Trioctylamine  
7440 Trioctylphosphine Oxide

Publication of this list and these paragraphs may prove to be what was needed finally to put liquid-liquid ion exchange across as one of those techniques that chemists are just naturally aware of. That they have been waiting for us to sell them on such a straightforward procedure seems scarcely credible. We hope, therefore, to appear suitably abashed if we succeed in conveying the thought—a piece of that oft-proclaimed fallout from the atomic energy program—that co-ordination chemistry can provide a highly preferential transport of any of a long list of ions across the interface from an aqueous solution to an immiscible solvent in which an amine or quaternary ammonium compound grabs off anions or an organophosphorus acid traps cations.

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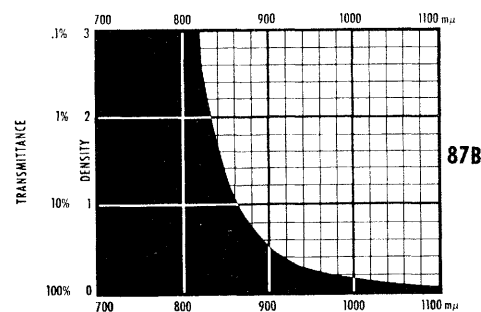
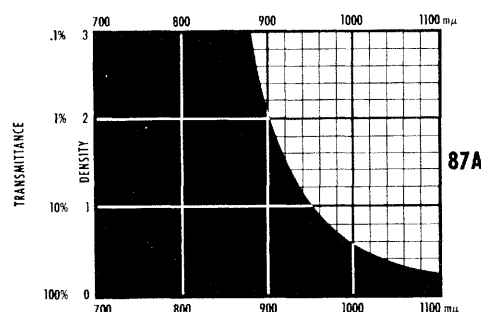
ing reagents, and references for the details of procedure. Home free is the reader who lights on a procedure that uses one of the above-listed EASTMAN Organic Chemicals as the extractant.

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radiation and for total sunlight were stressed. Problems of measuring ultraviolet B in large-scale field studies and a description of a new method for such measurements were noted. The importance of being able to compare measurements in order to assess the carcinogenic role of sunlight at different parts of the earth was emphasized. Also noted was the need for standardization of light measurements in both laboratory and field.

In pathology, the problem of classification of skin tumors and their topographical distribution exists. Parallels between distribution of these lesions on the face and incidence of ultraviolet B were shown; the important part played by scattering was demonstrated. In the course of discussion of the association of skin cancer and keratosis, the idea developed that it might be advisable to include both in a syndrome of pathological effects of ultraviolet B. The possibility of systematic histopathologic studies of changes in the skin with age—comparing exposed and covered parts—was discussed.

Epidemiological discussions included reports on the distribution of skin cancer in the Transvaal, England, and Queensland, where there is high incidence of the disease. Concurrent measurements of the ultraviolet of sunlight are being made in these areas; these investigations constitute the only close coordination of measurements of sunlight and of cancer incidence. Difficulties in epidemiological study of a disease that depends upon cumulation of effect over a long period of time were stressed; continued residence in the same area, and proper reporting by the patient are factors of critical importance.

Perhaps the most important outcome of the conference was the general recognition of the many uncertainties and problems involved. Each member learned something of others' difficulties with the particular kind of measurements he is trying to make. There seemed complete agreement that the ultraviolet B of sunlight is an important factor in human skin cancer; uncertainties center on the relative importance of this factor in regard to geographical distribution and the extent to which other factors may enter.

The variety of backgrounds of the participants, which made possible interchange of ideas on various aspects of the problem, is indicated in the following list: H. F. Blum (physiology, National Cancer Institute), F. Daniels, Jr.

(dermatology, Cornell University Medical College), G. H. Findlay (dermatology, University of Pretoria), R. Latarjet (director, Institut de Radium, Paris), R. E. Johnson (radiobiology, National Cancer Institute), A. Lilienfeld (School of Hygiene and Public Health, Johns Hopkins), I. A. Magnus (St. John's Hospital for Diseases of the Skin, London), D. F. Robertson (Department of Physics, University of Queensland), R. Schulze (Deutsche Wetterdienst, Meteorologisches Observatorium, Hamburg), H. Silverstone (social and preventive medicine, Medical School, Queensland), G. K. Steigleder (Universitäts-Hautklinik, Frankfurt am Main), R. D. Sweet (dermatologist, Plymouth, England), F. Urbach (Skin and Cancer Hospital, Philadelphia), and E. Van Scott (dermatology, National Cancer Institute). The conference was held under the auspices of the National Cancer Institute, National Institutes of Health.

HAROLD F. BLUM\*

National Cancer Institute,  
Bethesda, Maryland 20014

\* Present address: P.O. Box 704, Princeton, N.J.

## Forthcoming Events

### September

22-25. **Soil Micromorphology**, 2nd intern., Arnhem, Netherlands. (A. Jongerius, Stichting voor Bodenmartering, Postbus 10, Bennekom, Netherlands)

22-28. **Radiology**, 11th intern. congr., Rome, Italy. (L. Turano, Istituto de Radiologia, Univ. of Rome, Rome)

23-26. British Assoc. for **Cancer Research**, annual, Edinburgh, Scotland. (J. G. Bennette, Courtauld Inst., Middlesex Hospital, London, W.1, England)

23-26. **Viral Diseases of Poikilothermic Vertebrates**, New York, N.Y. (S. P. Snieszko, Eastern Fish Disease Laboratory, Leestown, P.O. Kearneyville, W.Va.)

24-27. **American Medical Writers' Assoc.**, annual, Philadelphia, Pa. (American Medical Writers Assoc., 2000 P St., NW, Washington, D.C.)

25-26. **Communications**, 3rd Canadian symp., Montreal, Quebec. (F. G. R. Warren, P.O. Box 802, Station B, Montreal)

27-30. Society of American **Foresters**, 64th annual, Denver, Colo. (SAF, Mills Bldg., Washington, D.C. 20006)

27-1. **Water Pollution Control Federation**, 37th annual, Bal Harbour, Fla. (WPCF, 3900 Wisconsin Ave., Washington, D.C. 20016)

27-2. Society of **Motion Picture and Television Engineers**, 96th technical conf., New York, N.Y. (SMPTE, 619 W. 54 St., New York, N.Y. 10019)

28-30. **Circuit and System Theory**, conf., Monticello, Ill. (W. R. Perkins,



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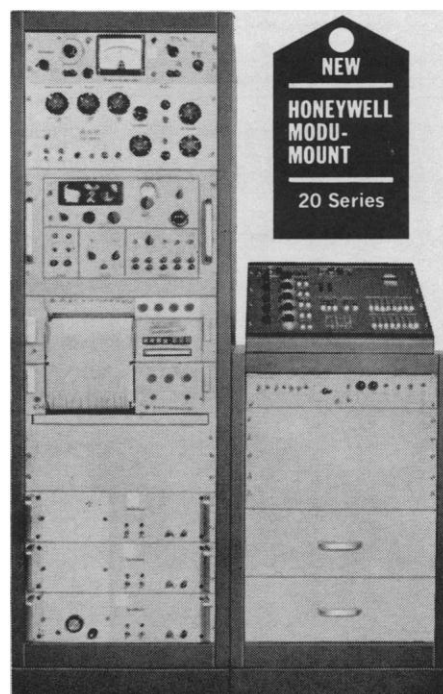
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Dept. of Electrical Engineering, Univ. of Illinois, Urbana)

28-2. Society for **Applied Spectroscopy**, 3rd natl. conf., Cleveland, Ohio. (E. Yeager, Dept. of Chemistry, Western Reserve Univ., Cleveland 44106)

29-1. Physics of **Failure in Electronics**, 3rd annual symp., Chicago, Ill. (M. Goldberg, IIT Research Inst., 10 W. 35 St., Chicago 60616)

29-1. **Physics and Nondestructive Testing**, symp., Dayton, Ohio. (W. J. McGonagle, Southwest Research Inst., P.O. Box, 2296, San Antonio, Tex. 78206)

29-1. American College of **Preventive Medicine**, New York, N.Y. (R. E. Coker, Jr., Box 1263, Chapel Hill, N.C.)

29-1. Technical Assoc. of the **Pulp and Paper Industry**, 1964 testing conf., Portsmouth, N.H. (TAPPI, 360 Lexington Ave., New York, N.Y. 10017)

29-2. American **Roentgen Ray Soc.**, 65th annual, Minneapolis, Minn. (C. A. Good, Mayo Clinic, Rochester, Minn.)

30-2. **American Council on Education**, 47th annual, San Francisco, Calif. (L. Wilson, ACE, 1785 Massachusetts Ave., NW, Washington, D.C. 20006)

30-2. **Earth Sciences**, intern. conf., Cambridge, Mass. (H. G. Houghton, Dept. of Meteorology, Massachusetts Inst. of Technology, Cambridge)

30-2. **Standards Engineers Soc.**, 13th annual, New York, N.Y. (SES, 170 Livingston Ave., New Providence, N.J.)

30-2. **Vacuum**, 11th natl. symp., Chicago, Ill. (G. H. Bancroft, Bendix-Balzers Vacuum, Inc., 1645 St. Paul St., Rochester, N.Y. 14621)

30-4. **Spectroscopy**, 11th intern. conf., Belgrad, Yugoslavia. (Sekretarijat, Prodrodno-matematički fakultet, Fizicko-chemijski zavod Belgrad, Studeniski trg., 16, Bloc C, Yugoslavia)

## October

1-2. Emission of **Electrons from Solids**, conf., Univ. of Keele, Keele, England. (Inst. of Physics and the Physical Soc., 47 Belgrave Sq., London, S.W.1, England)

1-3. American Assoc. for **Surgery of Trauma**, Chicago, Ill. (S. R. Gaston, 18 Fort Washington Ave., New York 10022)

2-3. Council for International **Organizations of Medical Societies**, 6th general assembly, Brussels, Belgium. (P. A. Mes-serli, 6 rue Franklin, Paris 16<sup>e</sup>, France)

2-3. **Psychotherapy of the Family**, symp., Milwaukee, Wis. (B. C. Burris, Milwaukee Psychiatric Hospital, Milwaukee 53213)

2-9. **Radiology**, 8th inter-American congr., Caracas, Venezuela. (R. Merenfeld, Apartado Postal 9362 Candelaria, Caracas)

3-4. New England Intercollegiate **Geological Conf.**, Yale Univ., New Haven, Conn. (J. Rodgers, Dept. of Geology, Yale Univ., New Haven 06520)

3-4. **Medical Radiobiology**, 7th natl. congr., Pisa, Italy. (Segreteria, Inst. di Radiologia dell'Università, Spedali Riuniti de "S. Chiara," Pisa)

3-13. **Weights and Measures**, 12th conf., Paris, France. (Intern. Bureau of Weights and Measures, Pavillon de Breteuil, Sèvres, Seine-et-Oise, France)

4-9. American College of Surgeons, clinical congr., Chicago, Ill. (American College of Surgeons, 55 East Erie St., Chicago 60611)

5-6. **Enzyme Regulation**, 3rd intern. symp., Indianapolis, Ind. (G. Weber, Indiana Univ. School of Medicine, Indianapolis)

5-7. Association of **Medical Illustrators**, annual, Los Angeles, Calif. (C. Bridgman, Dept. of Anatomy, UCLA Center for Health Sciences, Los Angeles)

5-7. **Radiation Effects on Electronics**, natl. meeting, American Nuclear Soc., Syracuse, N.Y. (ANS, 244 East Ogden Ave., Hinsdale, Ill.)

5-8. **Clay Mineral Soc.**, Univ. of Wisconsin, Madison. (M. L. Jackson, Univ. of Wisconsin College of Agriculture, Madison 6)

5-8. American **Documentation Inst.**, annual, Philadelphia, Pa. (B. F. Cheyd-leur, Philco Corp., Willow Grove, Pa. 19090)

5-8. Research Methods and **Instrumentation**, 14th symp., Bethesda, Md. (J. B. Davis, Natl. Insts. of Health, Bethesda, Md. 20014)

5-9. **Aeronautics and Space Engineering**, Soc. of Automotive Engineers, Los Angeles, Calif. (E. V. Albert, 399 N. Sepulveda Blvd., El Segundo, Calif. 90245)

5-9. American **Public Health Assoc.**, New York, N.Y. (B. F. Mattison, 1790 Broadway, New York, N.Y.)

5-10. German **Physical Soc.**, Düsseldorf. (GPS, Gänsheidestr. 15a, Stuttgart, Germany)

6-8. **Analytical Chemistry in Nuclear Technology**, 8th conf., Gatlinburg, Tenn. (C. D. Susano, Oak Ridge Natl. Laboratory, P.O. Box X, Oak Ridge, Tenn.)

6-8. **Cornea**, world congr., Washington, D.C. (J. H. King, 1746 K St., NW, Washington, D.C.)

6-9. **Optical Soc. of America**, annual, New York, N.Y. (M. E. Warga, OSA, 1155 16th St., NW, Washington, D.C. 20006)

6-9. **Space Electronics**, symp., Las Vegas, Nev. (C. H. Doersam, Jr., Box 177, Port Washington, N.Y.)

6-10. **Clinical and Experimental Hypnosis**, 16th annual, Pittsburgh, Pa. (Soc. for Clinical and Experimental Hypnosis, 353 W. 57 St., New York, N.Y. 10019)

7. **California Acad. of Sciences**, San Francisco. (G. E. Lindsay, California Academy of Sciences, Golden Gate Park, San Francisco)

7-9. Structure and Functions of **Epidermal Barriers**, intern. symp., Brno, Czechoslovakia. (Zd. Vlašin, Dermatological Clinic, 53, Pekarska, Brno)

7-9. **Electronic Information Handling**, natl. conf., Pittsburgh, Pa. (A. Kent, Univ. of Pittsburgh, Pittsburgh)

7-9. Institute of **Management Sciences (TIMS)/Operations Research Soc. of America (ORSA)**, joint natl. meeting, Minneapolis, Minn. (G. B. Davis, School of Business Administration, Univ. of Minnesota, Minneapolis)

8-10. **Agricultural Meteorology**, 6th conf., Lincoln, Nebr. (American Meteorological Soc., 45 Beacon St., Boston 8, Mass.)

9-10. **Undergraduate Courses and Curricula**, midwestern regional conf., Univ.





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of Kansas, Lawrence. (R. E. McNair, Assoc. of Midwest College Biology Teachers, Univ. of Kansas, Lawrence)

10. **Paleontological Research Inst.**, annual, Ithaca, N.Y. (R. S. Harris, 109 Dearborn Pl., Ithaca 14850)

11-14. **American Oil Chemists Soc.**, Chicago, Ill. (C. H. Hauber, AOCS, 35 E. Wacker Dr., Chicago 60601)

11-14. **International Scientific Radio Union/Inst. of Electrical and Electronics Engineers**, joint meeting, Univ. of Illinois, Urbana. (E. C. Jordan, Dept. of Electrical Engineering, Univ. of Illinois, Urbana)

11-15. **Diseases of the Chest**, 8th intern. congr., Mexico City, D.F. (M. Kornfeld, American College of Chest Physicians, 112 E. Chestnut St., Chicago 11, Ill.)

11-15. **Electrochemical Soc.**, Washington, D.C. (ES, 30 E. 42 St., New York, N.Y. 10017)

11-16. **Allergology**, 5th intern. congr., Madrid, Spain. (F. Lahoz, Clínica de la Concepción, Avda. Reyes Católicos 2, Madrid 3)

11-16. **American Assoc. of Medical Record Librarians**, annual, Miami Beach, Fla. (M. J. Waterstraat, RRL, 840 North Lake Shore Dr., Chicago, Ill. 60611)

11-16. **Pan American Assoc. of Ophthalmology**, 7th, Montreal, Canada. (J. W. McKinney, PAAO, 921 Exchange Bldg., Memphis, Tenn.)

11-16. **American Soc. of Plastic and Reconstructive Surgery**, annual, San Francisco, Calif. (P. P. Pickering, 2850 Sixth Ave., Suite B, San Diego, Calif.)

12-14. **Aviation Pathology**, 5th scientific session, Washington, D.C. (Secretary, Joint Committee on Aviation Pathology, Armed Forces Inst. of Pathology, Washington, D.C. 20305)

12-14. **Entry Technology**, American Inst. of Aeronautics and Astronautics conf., Williamsburg, and NASA-Langley Research Center, Va. (S. P. Johnston, AIAA, 1290 Sixth Ave., New York, N.Y.)

12-14. **Protection Against Radiations in Space**, 2nd symp., Gatlinburg, Tenn. (F. C. Maienschein, Oak Ridge Natl. Laboratory, P.O. Box X, Oak Ridge, Tenn.)

12-15. **Instrument Soc. of America**, 19th **Instrument-Automation** conf., New York, N.Y. (ISA, 530 William Penn Pl., Pittsburgh, Pa. 15219)

13-15. **Air Force Science and Engineering**, 11th symp., Brooks Air Force Base, Tex. (G. E. Schafer, Headquarters Aerospace Medical Div., Brooks AFB)

13-16. **Calorimetry**, 19th conf., Washington, D.C. (W. N. Hubbard, Argonne Natl. Laboratory, 9700 S. Cass Ave., Argonne, Ill.)

13-16. **Lubrication**, 1st intern. conf., American Soc. of Mechanical Engineers/American Soc. of Lubrication Engineers, Washington, D.C. (W. J. Anderson, MS 6-1, NASA-Lewis Research Center, 21000 Brookpark Rd., Cleveland, Ohio)

13-17. **Electron Microscopy Soc. of America**, 22nd annual, Detroit, Mich. (A. R. Taylor, Virus Div., Parke, Davis & Co., Detroit 32)

14-15. **American Soc. of Tool and Manufacturing Engineers**, Minneapolis, Minn. (R. E. Gariss, 6523 El Pulcro St., Long Beach, Calif.)

14-16. **Gaseous Electronics**, 7th conf.,

Atlantic City, N.J. (S. Schneider, U.S. Army Electronics R&D Laboratories, Fort Monmouth, N.J. 07703)

14-16. **Parenteral Drug Assoc.**, annual conv., New York, N.Y. (PDA, Broad and Chestnut Sts., Philadelphia 7, Pa.)

14-16. **Remote Sensing of Environment**, 3rd symp., Ann Arbor, Mich. (D. C. Parker, Univ. of Michigan, Box 618, Ann Arbor 48107)

14-16. **Sonics and Ultrasonics**, symp., Santa Monica, Calif. (A. H. Meitzler, Bell Telephone Laboratories, Inc., Murray Hill, N.J.)

15-16. **Bioenergetics**, symp., Univ. of Western Ontario, London, Ontario, Canada. (K. P. Strickland, Dept. of Biochemistry, Faculty of Medicine, Univ. of Western Ontario, London)

15-16. **Systems Science**, first annual conf., Inst. of Electrical and Electronics Engineers, Univ. of Pennsylvania, Philadelphia. (H. G. Sparks, Moore School of Engineering, Univ. of Pennsylvania, Philadelphia)

15-17. **Correlation of Particles Emitted in Nuclear Reactions**, intern. conf., Gatlinburg, Tenn. (A. Zucker, Oak Ridge Natl. Laboratory, P.O. Box X, Oak Ridge, Tenn. 37830)

15-17. **Central Neuropsychiatric Assoc.**, Denver, Colo. (W. P. Shelton, 8215 Westchester Dr., Dallas 25, Tex.)

15-22. **Association of American Medical Colleges**, 75th annual, Denver, Colo. (P. J. Sanazaro, Div. of Education, Assoc. of American Medical Colleges, 2530 Ridge Ave., Evanston, Ill. 60201)

16-17. **Western Industrial Medical Assoc.**, Los Angeles, Calif. (C. Einert, 2151 Berkeley Way, Berkeley 4, Calif.)

16-17. **Systemics**, 11th annual symp., St. Louis, Mo. (H. C. Cutler, Missouri Botanical Garden, St. Louis)

16-20. **American Medical Women's Assoc.**, New York, N.Y. (M. A. Sears, Anderson Hospital, Houston 25, Tex.)

16-24. **American Soc. of Clinical Pathologists**, annual, Bal Harbor, Fla. (ASCP, 445 N. Lake Shore Dr., Chicago, Ill.)

17-18. **Society for Psychophysiological Research**, 4th annual, Washington, D.C. (L. A. Gustafson, SPR, 74 Fenwood Rd., Boston, Mass. 02115)

17-20. **College of American Pathologists**, Bal Harbor, Florida. (E. E. Simard, Box 136, Salinas, Calif.)

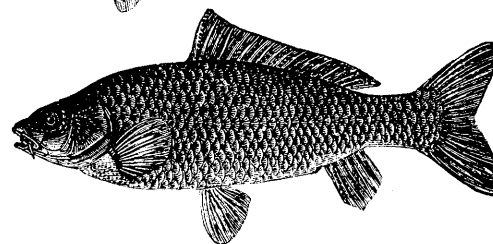
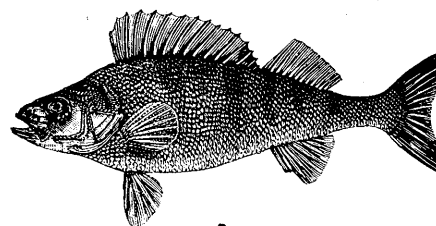
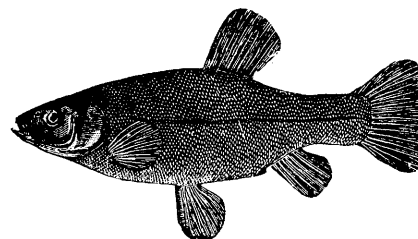
17-25. **International Aeronautic Federation**, general conf., Tel Aviv, Israel. (M. J. Randleman, Natl. Aeronautic Assoc., 1025 Connecticut Ave., NW, Washington, D.C. 20036)

18-21. **Association of Military Surgeons of the U.S.**, Washington, D.C. (Brig. Gen. F. E. Wilson, Suite 132, 1500 Massachusetts Ave., NW, Washington, D.C. 20005)

18-22. **Metallurgical Soc.**, fall meeting, Philadelphia, Pa. (D. A. Parks, Inst. of Metals Div., Metallurgical Soc. of AIME, 345 E. 47 St., New York, N.Y. 10017)

18-23. **American Acad. of Ophthalmology and Otolaryngology**, Chicago, Ill. (W. L. Benedict 15 Second St., SW, Rochester, Minn. 55901)

18-24. **Dental Education**, 2nd Latin American seminar, Mexico City. (D. Restrepo, Pan American Sanitary Bureau, 1501 New Hampshire Ave., NW, Washington, D.C. 20036)



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19-20. **Unconventional Inertial Sensors**, symp. (secret), Farmingdale, N.Y. (R. E. McIntyre, RMG-8, Bureau of Naval Weapons, Washington 25, D.C.)

19-21. **Academy of Psychosomatic** Soc. of Mechanical Engineers, Lafayette, Ind. (T. P. Goodman, Technological Inst., Northwestern Univ., Evanston, Ill.)

19-21. **Academy of Psychosomatic Medicine**, New York, N.Y. (R. N. Rutherford, 200 Broadway, Seattle, Wash.)

19-21. **Technical Assoc. of the Pulp and Paper Industry**, plastics-paper conf., Washington, D.C. (TAPPI, 360 Lexington Ave., New York 10017)

19-22. **Association of Official Agricultural Chemists**, 78th annual, Washington, D.C. (L. G. Enslinger, AOAC, Box 540, Benjamin Franklin Station, Washington, D.C. 20044)

19-23. **American Soc. of Civil Engineers**, New York, N.Y. (W. H. Wisely, ASCE, 345 E. 47 St., New York, N.Y. 10017)

19-23. **American Soc. for Metals**, Philadelphia, Pa. (A. R. Putnam, ASM, Metals Park, Ohio)

19-23. **Radiochemical Methods of Analysis**, symp., Salzburg, Austria. (Intern. Atomic Energy Agency, 11 Karntnerring, Vienna 1, Austria)

20-30. **Nov. UNESCO**, 13th session, general conf., Paris, France. (UNESCO, Place de Fontenoy, Paris 7<sup>e</sup>)

21-22. **American Heart Assoc.**, Council on **Arteriosclerosis**, annual, Atlantic City, N.J. (D. M. Smith, AHA, 44 E. 23 St., New York, N.Y. 10010)

21-22. **Industrial Hygiene Foundation**, annual, Pittsburgh, Pa. (R. T. P. deTreville, IHF, 4400 Fifth Ave., Pittsburgh 15213)

21-23. **Aerospace and Navigational Electronics**, 11th East Coast conf., Baltimore, Md. (M. Hastings, Mail No. 1281 A, Baltimore Space and Defense Center, Westinghouse Electric Corp., P.O. Box 1693, Baltimore 21203)

21-23. **Pain**, intern. symp., Detroit, Mich. (R. S. Knighton, 2799 W. Grand Blvd., Detroit)

21-23. **Spectroscopy, Instrumentation and Chemistry**, 3rd Pacific meeting, San Francisco, Calif. (J. G. Conway, Lawrence Radiation Laboratory, Univ. of California, Berkeley 4)

21-24. **Acoustical Soc. of America**, 68th, Austin, Tex. (W. Waterfall, ASA, 335 E. 45 St., New York, N.Y. 10017)

21-25. **Cybernetics**, 4th intern. congr., Namur, Belgium. (Intern. Assoc. for Cybernetics, 13 rue Basse-Marcelle, Namur)

22-23. **New Mexico Acad. of Science**, Albuquerque. (K. S. Bergstresser, 739 42 St., Los Alamos, N.M.)

23-24. **Kentucky Acad. of Science**, Morehead. (G. Levey, College Box 2325, Berea, Ky.)

23-24. **American Physical Soc.**, Chicago, Ill. (R. G. Sachs, Argonne National Laboratory, Argonne, Ill. 60440)

23-25. **Association of Clinical Scientists**, Washington, D.C. (R. P. MacFate, 300 N. State St., No. 5422, Chicago, Ill. 60610)

23-25. **Experimental Gerontology**, symp., Basel, Switzerland. (Prof. Verzar, Inst. de Gerontologie Experimentale, Nonnenweg 7, Basel, Switzerland)

24-29. **American Acad. of Pediatrics**,

annual, New York, N.Y. (AAP, 1801 Hinman Ave., Evanston, Ill.)

25-31. **American Soc. for Horticultural Science**, Caribbean Region, 12th annual, Maracay, Venezuela. (E. H. Casseres, Londres 40, México 6, D.F.)

26-27. **American Inst. of Aeronautics and Astronautics/Canadian Aeronautics and Space Inst.**, joint meeting, Ottawa, Ont., Canada. (P. J. Burr, AIAA, 1290 Sixth Ave., New York, N.Y. 10019)

26-27. **Combustion Inst.**, western states section, fall meeting, Univ. of Utah, Salt Lake City. (Secretary, CI, 16902 Bollinger Dr., Pacific Palisades, Calif. 90272)

26-28. **Antimicrobial Agents and Chemotherapy**, 4th conf., American Soc. for Microbiology, New York, N.Y. (ASM, 115 Huron View Blvd., Ann Arbor, Mich.)

26-28. **Chemical Inst. of Canada**, 14th **Chemical Engineering** meeting, Hamilton, Ont. (CIC, 48 Rideau St., Ottawa 2)

26-28. **Society of Rheology**, 35th annual, Pittsburgh, Pa. (H. Markovitz, Mellon Inst., 4400 Fifth Ave., Pittsburgh 13)

26-14. **Pan American Standards Committee**, textiles seminar, Lima, Peru. (American Standards Assoc., 810 18th St., NW, Washington, D.C.)

27. **Oak Ridge Inst. of Nuclear Studies**, Oak Ridge, Tenn. (W. G. Pollard, Box 117, Oak Ridge)

27-29. **Joint Computer Conf.**, San Francisco, Calif. (R. I. Tanaka, c/o Lockheed Missiles and Space Co., 3251 Hanover St., Palo Alto, Calif.)

28-30. **Society of Experimental Stress Analysis**, annual, Cleveland, Ohio. (B. E. Rossi, 21 Bridge Square, Westport, Conn.)

28-30. **Inertial Guidance Test**, 2nd symp., Holloman Air Force Base, N.M. (F. P. Ray, Holloman AFB)

28-30. **Nuclear Science**, 11th symp., Philadelphia, Pa. (U.S. Office of Aerospace Research, 4th and Independence Ave., SW, Washington, D.C.)

28-30. **Rock Mechanics**, 6th symp., Rolla, Mo. (C. Christianson, Dept. of Mining Engineering, School of Mines and Metallurgy, Univ of Missouri, Rolla)

28-30. **Southeastern Library Assoc.**, 21st biennial conf., Norfolk, Va. (E. F. Jesse, c/o Armed Forces Staff College Library, Norfolk)

29-31. **American Soc. for Aesthetics**, Chicago, Ill. (J. R. Johnson, Cleveland Museum of Art, Cleveland 6, Ohio)

29-31. **Electron Devices**, Inst. of Electrical and Electronics Engineers, Washington, D.C. (M. Mass, Hewlett-Packard Co., 1501 Page Mill Rd., Palo Alto, Calif.)

29-31. **Gerontological Soc.**, 7th annual, Minneapolis, Minn. (GS, 660 South Euclid, St. Louis, Mo. 63110)

29-31. **Indiana Acad. of Science**, Indianapolis. (C. F. Dineen, Biology Dept., St. Mary's College, Notre Dame, Ind.)

29-31. **Society of Photographic Scientists and Engineers**, annual symp., Washington, D.C. (W. S. Dempsey, FMA, Inc., 4925 Fairmont Ave., Washington, D.C.)

29-31. **Society for the Scientific Study of Religion**, Washington, D.C. (S. Z. Klausner, SSSR, 1424 16th St., NW, Washington, D.C.)

30-1. **Meteoritical Soc.**, 27th meeting, Arizona State Univ., Tempe. (C. B. Moore, Dept. of Geochemistry, Arizona State Univ., Tempe)