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standardization of tests, measurements, and criteria used in studying cold acclimatization. T. Sasaki (Kumamoto University) analyzed the conflicting data on seasonal variation in basal metabolism. Japanese investigators concur that metabolism is higher in winter than in summer; American investigators report less or no seasonal change. Composition of the diet was shown to play a major role in these differences: as the intake of carbohydrate decreases and that of fat increases, the annual range of metabolism narrows.

As for the planning of cooperative research (the sixth session), the most significant feature of the seminar was the unanimous desire to explore problems identified through joint investigations. It was agreed that bioclimatologists must study the adaptability of living organisms in an ecological context, for the environment of the organism includes much more than the atmosphere. The adaptability of man is the result of biological processes as much as of cultural ones.

Broad areas in which there was deep interest in developing specific joint research proposals included: (i) adaptability of the Ainu of Hokkaido, and (ii) bioclimatological studies of problems in human ecology, such as physiological regulations in various population groups, the impact of changing culture on biological processes, and medical aspects of human ecology (air pollution and seasonal and regional variation of disease). Investigations of comparative animal physiology and of plant environmental physiology will also be invaluable.

F. SARGENT, II

University of Illinois, Urbana

S. ITOH

Hokkaido University School of
Medicine, Sapporo, Japan

Forthcoming Events

February

17-19. American Acad. of Occupational Medicine, annual, Columbus, Ohio. (G. M. Hemmett, AAOM, Eastman Kodak Co., 343 State Street, Rochester 4, N.Y.)

17-19. Solid State Circuits, intern. conf., Inst. of Electrical and Electronics Engineers, Philadelphia, Pa. (R. Emberson, IEEE, Box A, Lenox Hill Station, New York, N.Y. 10021)

17-21. American College of Cardiology, annual, Boston, Mass. (Executive Director of the College, Empire State Building, New York, N.Y. 10001)



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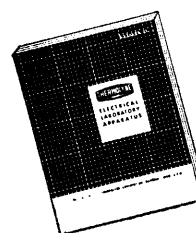


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18-19. **Mechanical and Transplant Heart Substitutes**, symp., Heart Assoc. of Southeastern Pennsylvania, Philadelphia. (L. L. Perry, HASP, 318 S. 19 St., Philadelphia 19103)

18-20. **Skin Bacteria in Infection**, symp., San Francisco, Calif. (Administrative Secretary, Div. of Dermatology, Univ. of California, San Francisco Medical Center, San Francisco 94122)

19-20. **Comparative Psychopathology—Animal and Human**, annual symp., American Psychopathological Assoc., New York, N.Y. (F. J. Kallmann, APA, 722 W. 168 St., New York 10032)

20. **Reliability**, 6th annual West Coast symp., American Soc. for Quality Control, Los Angeles, Calif. (A. S. Golant, Rocketdyne, Canoga Park, Calif.)

20-26. **Caribbean Dental Convention**, 4th annual, Port of Spain, Trinidad. (K. Henry, Dental Assoc. of Trinidad and Tobago, 109 Frederick St., Port of Spain)

21-22. **Chicago Dental Soc./Acad. of Dentistry for the Handicapped**, Chicago, Ill. (R. T. Kirk, Acad. of Dentistry for the Handicapped, Box 213, Springfield, Ohio)

21-25. **Technical Assoc. of the Pulp and Paper Industry**, 50th annual, New York, N.Y. (A. E. Dembitz, TAPPI, 360 Lexington Ave., New York 10017)

22-26. **American Soc. for Metals**, western metal and tool exposition and conf., Los Angeles, Calif. (ASM, Metals Park, Ohio 44073)

22-26. **Society for Nondestructive Testing**, spring convention, Los Angeles, Calif. (SNT, 914 Chicago Ave., Evanston, Ill. 60202)

23-24. **National Dairy Engineering Conf.**, East Lansing, Mich. (C. W. Hall, Agricultural Engineering Dept., Michigan State Univ., East Lansing)

23-25. **High Polymer Conf.**, East German Chemical Soc., Magdeburg. (East German Chemical Soc., Unter den Linden 68/70, Berlin W.8)

24-26. **Biophysical Soc.**, 9th annual, San Francisco, Calif. (R. B. Setlow, Biophysical Soc., Oak Ridge National Laboratory, P.O. Box Y, Oak Ridge, Tenn. 37831)

24-26. **American Crystallographic Assoc.**, Suffern, N.Y. (W. L. Kehl, ACA, Gulf Research and Development Corp., P.O. Box 2038, Pittsburgh, Pa. 15230)

24-28. **Canadian Assoc. of Radiologists**, annual, Toronto, Ontario. (Miss A. I. Ekstrand, CAR, 1555 Summerhill Ave., Montreal, Canada)

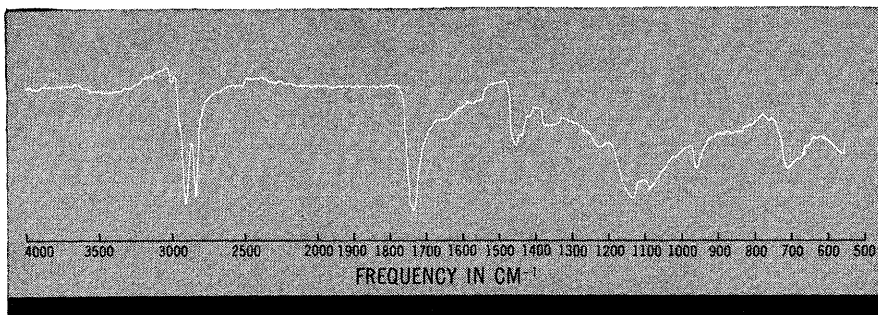
25-26. **Society for Information Display**, 5th natl. convention and symp., Santa Monica, Calif. (R. E. Bernberg, 591 Tiger-tail Road, Los Angeles, Calif. 90049)

25-27. **American Acad. of Forensic Sciences**, annual, Chicago, Ill. (W. J. R. Camp, 1853 W. Polk St., Chicago 12)

26-27. **American Physical Soc.**, Norman, Okla. (R. G. Sachs, Argonne National Laboratory, Argonne, Ill. 60440)

27-15. **Apr. Commonwealth Mining and Metallurgical Congr.**, Australasian Inst. Mining and Metallurgy, Australia and New Zealand. (AIMM, Osborne House, 299 Little Collins St., Melbourne, C.1, Victoria, Australia)

28-3. **Gas Turbine Conf.**, American Soc. Mechanical Engineers, Washington, D.C.



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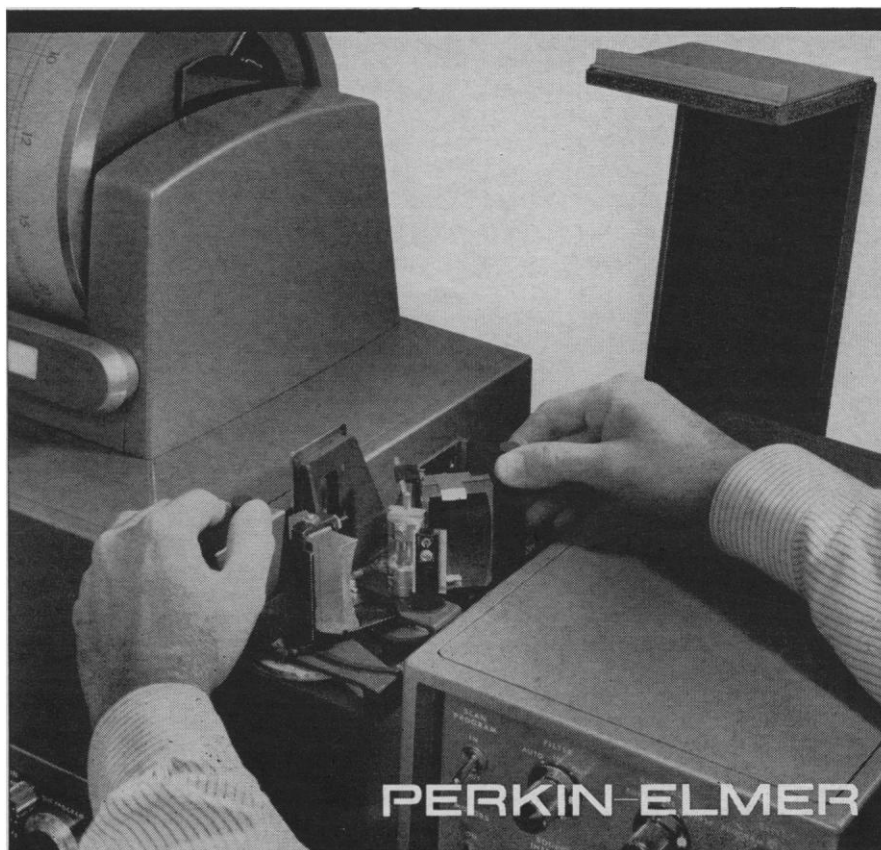
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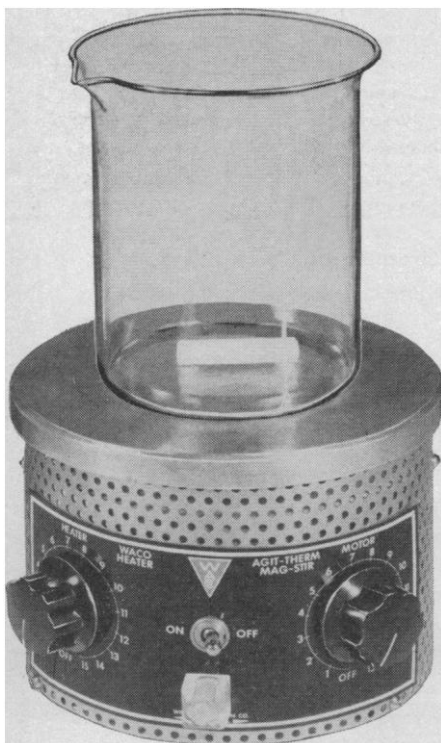
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28-5. **Analytical Chemistry and Applied Spectroscopy**, conf., Spectroscopy Soc. of Pittsburgh, Pittsburgh, Pa. (W. G. Fateley, Mellon Inst., 4400 Fifth Ave., Pittsburgh)

March

1-2. Systems for the **Intellectual Organization of Information**, seminar, Rutgers Univ., New Brunswick, N.J. (S. Artandi, Graduate School of Library Service, Rutgers Univ., New Brunswick)

1-4. **Unmanned Spacecraft**, Los Angeles, Calif. (R. D. DeLauer, TRW/Space Technology Laboratories, Norton Air Force Base, San Bernardino, Calif.)

1-5. National Council on the **Aging**, 14th annual, Washington, D.C. (NCA, 49 W. 45 St., New York, N.Y. 10036)

1-5. Society of **Plastics Engineers**, annual, Boston, Mass. (G. P. Fong, c/o Sweetheart Plastics Inc., Guildware Park, Wilmington, Mass.)

4-5. Physical Basis of **Radioisotope Applications**, Wantage, England. (C. G. Clayton, U.K. Atomic Energy Authority, Wantage Research Laboratory, Wantage)

4-6. **Fundamental Cancer Research**, 19th annual symp., Univ. of Texas, Houston. (D. N. Ward, Univ. of Texas Medical Center, Houston 77025)

4-6. Central **Surgical Assoc.**, Milwaukee, Wis. (C. E. Lischer, 457 N. Kingshighway, St. Louis 8, Mo.)

5-6. **Congenital Malformations of the Central Nervous System**, intern. colloquium, Paris, France. (J. Chevreux, c/o Service de M. le Prof. Leon Michaux, Hôpital de la Salpêtrière, Boulevard de l'Hôpital, Paris 13^e)

5-7. American Assoc. of **Pathologists and Bacteriologists**, Philadelphia, Pa. (M. I. O'Connor, Williams and Wilkins Co., 428 E. Preston St., Baltimore, Md. 21202)

5-7. National **Wildlife Federation**, 29th annual, Washington, D.C. (T. L. Kimball, 1412 16th St., NW, Washington, D.C.)

7-10. International Acad. of **Pathology**, 54th annual, Philadelphia, Pa. (F. K. Mostofi, Armed Forces Inst. of Pathology, Washington, D.C.)

7-10. **Mineralogical Assoc. of Canada**, 10th annual, Toronto, Ontario. (J. A. Mandarino, Dept. of Mineralogy, Royal Ontario Museum, 100 Queen's Park, Toronto 5).

8-9. **High Speed Testing**, intern. symp., Boston, Mass. (R. H. Supnik, Plas-Tech Equipment Corp., 4 Mercer Rd., Natick, Mass.)

8-10. **Calibration**, intern. conf., Leipzig, Germany. (Kammer der Technik, Ebertstr. 27, Berlin W.8)

8-10. **Marine Systems**, conf., American Inst. of Aeronautics and Astronautics/U.S. Navy, San Diego, Calif. (AIAA, 1290 Sixth Ave., New York, N.Y. 10019)

8-10. Society of **Toxicology**, annual, Williamsburg, Va. (C. S. Weil, Mellon Inst., 4400 Fifth Ave., Pittsburgh, Pa. 15213)

8-11. American College of **Surgeons**, clinical congr., Seattle, Washington. (S. P. HARBISON, 55 E. Erie St., Chicago, Ill.)

8-12. American Soc. of **Civil Engineers**, Mobile, Ala. (W. H. Wisely, ASCE, 345 E. 47 St., New York, N.Y. 10017)

8-12. **Personnel Dosimetry** for Accidental High Level Exposure to External and

Internal Radiation, symp., Vienna, Austria. (J. H. Kane, International Conferences Branch, Div. of Special Projects, U.S. Atomic Energy Commission, Washington, D.C. 20545)

9-10. **Arms Control**, first West Coast conf., Los Angeles, Calif. (R. D. DeLauer, TRW Space Technology Laboratories, Redondo Beach, Calif.)

9-11. **Wildlife Management Inst.**, Las Vegas, Nev. (C. R. Gutermuth, 709 Wire Bldg., Washington, D.C.)

10-12. **Particle Accelerator**, conf., Washington, D.C. (R. S. Livingston, Oak Ridge Natl. Laboratory, P.O. Box X, Oak Ridge, Tenn.)

13. Experimental Basis for the Current Management of **Portal Hypertension**, Philadelphia, Pa. (B. Sigel, Woman's Medical College of Pennsylvania, 3300 Henry Ave., Philadelphia 19129)

13-18. **Proctology**, 17th annual teaching seminar, New Orleans, La. (A. J. Cantor, 147-41 Stanford Ave., Flushing, L.I., N.Y. 11355)

14-16. Society for the Study of **Development and Growth**, southeastern regional, Univ. of Georgia, Athens. (D. T. Lindsay, Dept. of Zoology, Univ. of Georgia, Athens 30601)

15-17. **Plant Protection**, 2nd intern. conf., Naples, Italy. (Intern. Anti-Parasitic Centre, Via Barberini, 86, Rome, Italy)

15-17. **Solar Energy Soc.**, intern. symp., Phoenix, Ariz. (SES, Arizona State Univ., Tempe 85281)

17-19. **Instrumentation in the Iron and Steel Industry**, 15th natl. conf., Pittsburgh, Pa. (R. P. Trauterman, Allegheny-Ludlum Steel Corp. Research Center, Alabama Ave., Backenridge, Pa.)

17-20. **Medical Schools and Teaching Hospitals: Curriculum, Programming and Planning**, New York Academy of Sciences, New York, N.Y. (NYAS, 2 E. 63 St., New York 10021)

17-20. American **Orthopsychiatric Assoc.**, New York, N.Y. (E. Harrison, 477 FDR Drive, New York, N.Y.)

18. American **Vacuum Soc.**, midwestern section, Houston, Tex. (J. H. Kimzey, Manned Spacecraft Center, 2101 Webster-Seabrook Rd., Houston 77058)

18-19. **Zinc Metabolism**, symp., Detroit, Mich. (A. S. Prasad, School of Medicine, Wayne State Univ., Detroit 48207)

18-20. **Michigan Acad. of Science, Arts, and Letters**, Univ. of Michigan, Ann Arbor. (I. J. Cantrall, Museum of Zoology, Univ. of Michigan, Ann Arbor)

19-20. New York **Microscopical Soc.**, biennial symp., New York, N.Y. (T. G. Rochow, American Cyanamid Co., Room 467A, Stamford, Conn. 06904)

19-20. British Assoc. of **Physical Medicine**, annual, London, England. (J. P. Mitchell, 21 St. John St., Manchester 3, England)

19-21. American Soc. of **Internal Medicine**, Chicago, Ill. (A. V. Whitehall, 3410 Geary Blvd., San Francisco, Calif.)

20. **Identification of Drugs and Poisons**, symp., Pharmaceutical Soc. of Great Britain, London. (PSGB, 17 Bloomsbury Sq., London, W.C.1)

22-25. **Thermophysical Properties**, 3rd symp., Purdue Univ., Lafayette, Ind. (S. Gratch, Ford Motor Co., P.O. Box 2053, Dearborn, Mich. 48121)