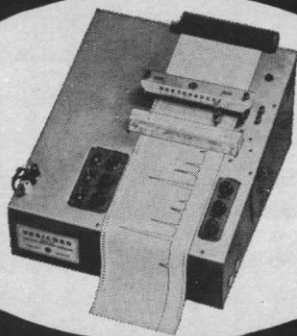
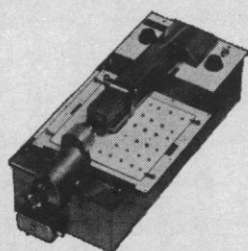


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affect the structure of, and cell behavior in, the primary meristem from which the various organs are differentiated. Shifts between a condition that is basically determined by cellular elongation to one that is determined mostly by mitotic divisions without cell enlargement can be demonstrated to be under gene control in barley. Furthermore, morphogenetic effects in meristematic regions and where a symmetrical mitoses occur are shown to be related to changes in nucleic acid synthesis and mitotic rhythm.

This symposium will be published in a volume entitled *Genetic Control of Differentiation*, which is expected to be available around the first of the year from the Clearinghouse of Federal Scientific and Technical Information, National Bureau of Standards, Springfield, Virginia. The volume represents, then, a judicious sampling of present research activity on the genetic control of differentiation where, at some future time, a new synthesis in biology may emerge.

HAROLD H. SMITH

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Forthcoming Events

January

11-12. Man's Extension into the Sea, symp. on SEALAB II, Washington, D.C. (T. Evans, Conference Management Organizer, Colonial Bldg., 105 N. Virginia Ave., Falls Church, Va. 22046)

12-14. Medicinal and Aromatic Plants in India, symp., Central Indian Medicinal Plants Organization, Lucknow, India. (S. C. Datta, CIMPO, 4 Sapru Marg, Lucknow)

12-20. International Fertility Assoc., Latin American mtg., Acapulco, Mexico. (M. Roland, 109-23 71st St., Forest Hills, N.Y. 11375)

13-14. Body Fuel Utilization, conf., Boston, Mass. (F. D. Moore, Dept. of Surgery, Harvard Medical School, 25 Shattuck St., Boston, Mass. 02115)

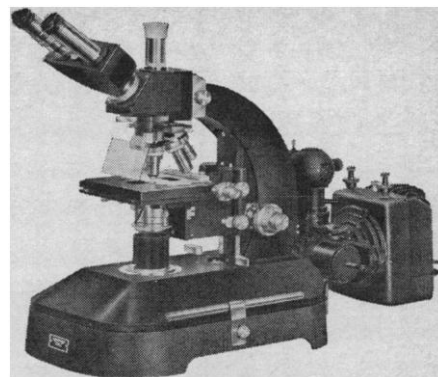
13-14. Institute of Mathematical Sciences, 4th Mathscience anniversary symp., Madras, India. (C. P. Ramaswami Aiyer, Inst. of Mathematical Sciences, Madras)

13-16. Indian Institute of Metals, 19th annual mtg., Hyderabad. (The Institute, 31 Chowringhee Road, Calcutta 16)

16-21. American Chemical Soc., winter mtg., Phoenix, Ariz. (ACS, 1155 16th St., NW, Washington, D.C. 20036)

17-19. Labelled Proteins in Tracer Studies, conf., Pisa, Italy. (Euratom, Labelled Compounds Div., 51-53, rue Beliard, Brussels, Belgium)

19-21. Instrumentation for the Process



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Industries, Texas A&M symp., College Station. (P. T. Eubank, Dept. of Chemical Engineering, Texas A&M Univ., College Station)

20-21. **Anharmonic Phonon Interactions** in Solids, Princeton Univ., Princeton, N.J. (W. B. Daniels, Dept. of Solid State Sciences, Princeton Univ., Princeton, N.J.)

20-22. **Regulation of Antibody Response**, intern. symp., Toronto, Ont., Canada. (B. Cinader, Subdivision of Immunochemistry, Univ. of Toronto, Toronto, Ont.)

20-22. **Diabetes** in the Tropics, world Congr., Bombay, India. (Organizing Secretary, Diabetic Assoc. of India, Maneckji Wadia Bldg., Mahatma Gandhi Rd., Bombay 1)

20-22. **Symmetry Principles at High Energy**, conf., Univ. of Miami, Coral Gables, Fla. (D. R. Lehman, Air Force Office of Scientific Research, Tempo D, 4th and Independence Ave., SW, Washington, D.C.)

21-22. **Physiology of Hemostasis and Thrombosis**, 14th annual Wayne State Univ. symp. on blood, Detroit, Mich. (W. H. Seegers, Dept. of Physiology and Pharmacology, Wayne State Univ., Detroit)

22-27. **American Acad. of Orthopedic Surgeons**, Chicago, Ill. (J. K. Hart, 29 E. Madison, Chicago 2)

23-28. **American Library Assoc.**, mid-winter mtg., Chicago, Ill. (D. H. Clift, ALA, 50 E. Huron St., Chicago 60611)

24-26. **Aerospace Sciences**, 3rd mtg., American Inst. of Aeronautics and Astronautics, New York, N.Y. (AIAA, 1290 Sixth Ave., New York 10019)

24-26. **Economic Geology** in Massachusetts, conf., Amherst. (O. C. Farquhar, Geology Dept., Univ. of Massachusetts, Amherst 01003)

24-27. **Modern Methods of Analytical Chemistry**, 19th annual, Louisiana State Univ. symp., Baton Rouge. (P. W. West, LSU, Baton Rouge)

24-27. **American Soc. of Heating, Refrigerating, and Air-Conditioning Engineers**, semiannual mtg., Houston, Tex. (ASHRAE, 345 E. 47 St., New York)

24-27. **American Meteorological Soc.**, 46th annual mtg., Denver, Colo. (K. C. Spengler, AMS, 45 Beacon St., Boston, Mass.)

24-28. **Animal and Clinical Pharmacologic Techniques in Drug Evaluation**, part 1, mtg., Philadelphia, Pa. (J. H. Nodine, Hahnemann Medical College and Hospital, 230 N. Broad St., Philadelphia 19102)

24-30. **CNS-Drugs**, symp., Regional Research Laboratory, Hyderabad, India. (P. B. Sattur, Regional Research Laboratory, Hyderabad 9)

25. **Research and Industrial Applications of the Mössbauer Effect**, New York, N.Y. (M. Ress, New England Nuclear Corp., 575 Albany St., Boston, Mass.)

25-27. **Reliability**, 12th annual symp., Inst. of Electrical and Electronics Engineers, San Francisco, Calif. (A. R. Park, General Precision Inc., 1378 Encinitas Rd., San Marcos, Calif.)

26. **Current and Future Problems in Chemistry at High Temperatures**, Rice Univ., Houston, Tex. (M. A. Paul, Div. of Chemistry and Chemical Technology, National Acad. of Sciences, Washington, D.C. 20418)

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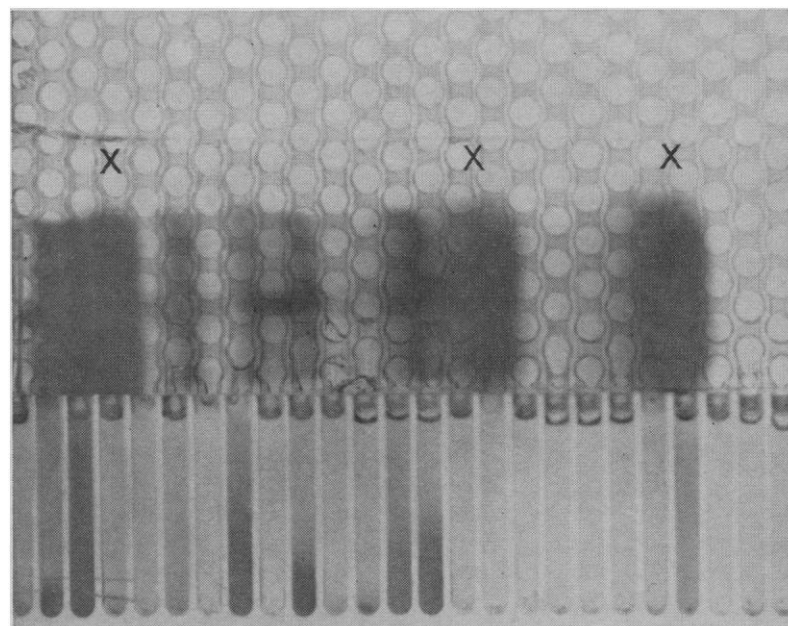
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