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the phytoplankton, large and small, not amenable to preservation by usual methods. M. B. Allen mentioned some effects of pollution on the marine biota.

Various activities of marine microorganisms were considered. The primary production of organic matter by photosynthetic microorganisms in the sea was discussed by J. D. H. Strickland. R. Y. Morita (Oregon State University) presented recent results from his laboratory on the effects of low temperature on marine bacteria and the factors responsible for obligate cryophily. The nutrition of phytoplankton and the possible role of soluble organic compounds produced by phytoplankton in the nutrition of zooplankton were discussed by M. B. Allen. (Allen also commented on the cycles of nitrogen and sulfur.) C. E. ZoBell described various geomicrobiological activities of marine microorganisms.

A general discussion period concluded the conference.

M. B. ALLEN

*Kaiser Foundation Research Institute,
Richmond, California*

Forthcoming Events

February

8-10. American Astronautical Soc., annual, Denver, Colo. (Miss G. W. Heath, Flight Safety Foundation, 468 Park Ave. S., New York 10016)

8-11. Managerial Implications of the Emerging Technology, Washington, D.C. (P. W. Howerton Center for Technology and Administration, American University, 2000 G St., NW, Washington 20006)

8-12. American Soc. for Testing and Materials, spring meeting, Cleveland, Ohio. (ASTM, 1916 Race St., Philadelphia, Pa.)

9-10. International Soc. of Terrain Vehicle Systems, U.S.-Canadian regional meeting, Houghton, Mich. (E. W. Niemi, Dept. of Mechanical Engineering, Michigan Technological Univ., Houghton)

10-11. Corrosion of Water Supply Systems, 7th sanitary engineering conf., Urbana, Ill. (B. B. Ewing, Univ. of Illinois, Urbana)

10-12. American Educational Research Assoc., annual, Chicago, Ill. (R. A. Der-shemer, 1201 16th St., NW, Washington, D.C.)

10-12. National Assoc. Corrosion Engineers, conf., Calgary, Canada. (T. J. Hull, NACE, 980 M&M Bldg., Houston, Tex. 77002)

10-13. National Soc. of College Teachers of Education, annual, Chicago, Ill. (E. J. Clark, Indiana State College, Terre Haute)

10-13. American College of Radiology, annual, Philadelphia, Pa. (F. H. Squire,

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Model 180060 Carbon-14 Set (6 standards, 2 x 10^5 dpm nominal each). \$ 75.00

Model 180070 (both sets). \$125.00

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Model 180080 Sulfur-35 Set (6 standards, 4 x 10^5 dpm nominal each). \$80.00

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Model 188270 Toluene- C^{14} (5 ml, 3 x 10^6 dpm nominal). \$20.00

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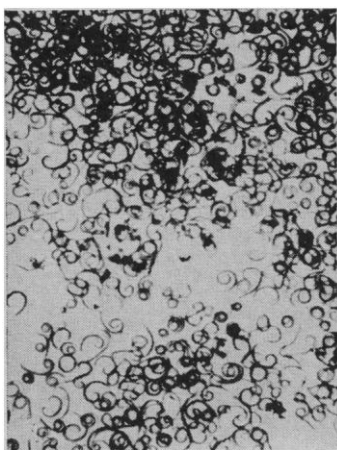
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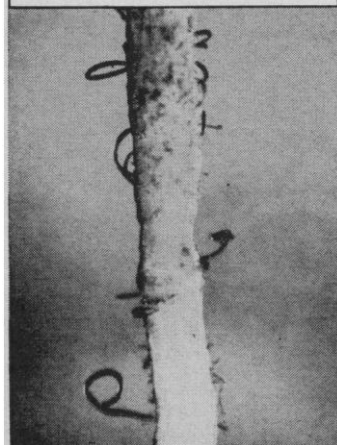


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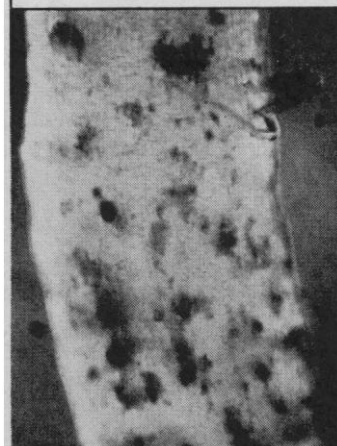
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Photomicrograph of a mass of spiral nematodes showing their characteristic spiral shape. 6X.



Specimens penetrating a small root of boxwood. 24X.



Boxwood root showing lesions caused by *R. buxophilus*. Note the two specimens partially embedded in the root. 48X.



Spiral nematodes are soil-inhabiting, plant-parasitic organisms, the first one being described by deMan in 1876. They're found in temperate and tropical countries throughout the world. They feed on their host ectoparasitically and are detected in the soil or partially or completely embedded in their particular hosts. They are the cause of stunted, non-vigorous plants with reduced root systems. And they're small—only about 1mm in length.

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All photomicrographs of a spiral nematode, *Rotylenchus buxophilus*, were originally published in *University of Maryland Agricultural Experiment Station Bulletin A-85* in 1956 by A. Morgan Golden, Nematologist, Crops Research Division, ARS, USDA, Beltsville, Maryland.

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Presbyterian—St. Luke's Hospital, 1753 West Congress St., Chicago, Ill. 60606)

11-13. **Biology of Human Variation**, conf., New York Acad. of Sciences, New York, N.Y. (NYAS, 2 E. 63 St., New York 10021)

12. **Science Programs for General Education and the Preparation of Elementary Teachers**, conf., Long Beach, Calif. (A. F. Eiss, National Science Teachers Assoc., 1201 16th St., NW, Washington, D.C.)

12-17. **All Science Conf.**, annual, Karachi, Pakistan. (N. Ahmad, Secretary General, Pakistan Assoc. for the Advancement of Science, Karachi)

13-15. **National Assoc. for Research in Science Teaching**, annual, Chicago, Ill. (J. D. Novak, Bio-Science Dept., Purdue Univ., Lafayette, Indiana)

14. **Scientific Conference on Psychoanalysis**, 3rd annual, Council of Psychoanalytic Psychotherapists, Inc., New York, N.Y. (Miss M. Nelson, 1965 Conference Program, Box 255, East Setauket, Long Island, N.Y.)

14-11. **German Foundation for the Developing Countries, Public Health Training Problems in Asia**, intern. seminar, Berlin, Germany. (GFDC, Tagungsreferat, Agrippinenstrasse 10, 53 Bonn, Germany)

14-18. **American Inst. Mining, Metallurgical and Petroleum Engineers**, annual, Chicago, Ill. (R. W. Taylor, AIME, 345 E. 47 St., New York, N.Y. 10017)

14-18. **Society of Economic Geologists**, annual, Chicago, Ill. (E. N. Cameron, Room 30, Science Hall, Univ. of Wisconsin, Madison)

15-17. **Flight Testing Conf.**, American Inst. of Aeronautics and Astronautics, Huntsville, Ala. (D. L. Raymond, AIAA, 1290 Avenue of the Americas, New York, N.Y. 10019)

15-17. **American Standards Assoc., Inc.**, Chicago, Ill. (ASA, Inc., 10 E. 40 St., New York, N.Y. 10016)

15-20. **Impact of Mendelism on Agriculture, Biology, and Medicine**, intern. symp., New Delhi, India. (A. T. Natarajan, Secretary, Indian Soc. of Genetics and Plant Breeding, Division of Botany, Indian Agricultural Research Inst., New Delhi 12)

17. **Use of Enzymes in the Food Industry**, seminar, New York Inst. of Food Technologists, Inc., New York, N.Y. (A. Bolaffi, Jell-O Division Laboratories, General Foods Technical Center, Tarrytown, N.Y.)

17. **Colors in Food**, seminar, New York Inst. of Food Technologists, Inc., New York, N.Y. (A. Bolaffi, Jell-O Division Laboratories, General Foods Technical Center, Tarrytown, N.Y.)

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)

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)

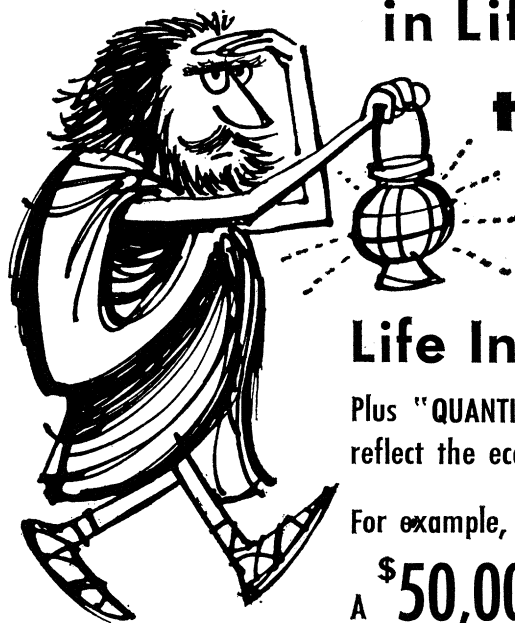
25-27. American Acad. of **Forensic Sciences**, annual, Chicago, Ill. (W. J. R. Camp, 1853 W. Polk St., Chicago 12)

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.I, Victoria, Australia)

28-3. **Gas Turbine** Conf., American Soc. Mechanical Engineers, Washington, D.C. (D. J. Schneider, ASME, 345 E. 47 St., New York, N.Y. 10017)

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