

like an algal cell, though it may have been a silicate residue.

Also, Celeste Engel treated an Orgueil meteorite sample from the Paris Museum with 48 percent hydrofluoric acid at about 80°C in a steam bath for about 8 hours. After a 2-hour and then a 4-hour treatment the hydrofluoric acid was washed from the sample and the sample was examined. After further treatment the remaining "crud" was mounted under a high-power microscope. I saw many outlines with apparently unresolved cell walls of about the sizes of the organized elements. They looked like small pellicles with the interiors destroyed. They were present in very great numbers—some six or ten in one field of the high-power microscope. It should be remembered that methods of preparing samples may make differences in the numbers observed. Also, it is by no means certain that all samples will contain precisely the same numbers. Under sufficiently rigorous conditions it is possible to destroy most varieties of organic matter. Engel worked carefully and secured some evidence of numerous objects in material where only small numbers had been detected previously. In this case the identity of the objects in the residue and of the organized elements was not established.

2. Nagy and Claus maintain that (a) and (c) are similar to each other but that (b) is not similar to the other two. Its spines extend inward from the wall, whereas the protuberances of (a) and (c) extend outward.
3. The diameters of the bodies were measured from outer wall to outer wall, exclusive of appendages. This is the micropaleontological and palynological convention for defining the size of spiny microorganisms.

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Forthcoming Events

September

- 25–28. Electric **Power Systems for Space**, conf., Santa Monica, Calif. (American Rocket Soc., 500 Fifth Ave., New York 36)
26–27. Physics of **Failure in Electronics**, Chicago, Ill. (M. E. Goldberg, Armour Research Foundation, Illinois Inst. of Technology, 35 W. 33 St., Chicago 16)
26–28. Practice of **Gas Chromatography**, meeting, East Lansing, Mich. (C. G. Hariz, Houdry Process & Chemical Co., Box 427, Marcus Hook, Pa.)

26–29. Austrian Soc. of **Biochemistry**, Society for Physiological Chemistry, German Pharmacology Soc., Vienna, Austria. (Secretariat, Vienna Medical Acad., 4 Alserstr., Vienna IX)

27–28. **Birth Defects**, symp., Nashville, Tenn. (R. Batson, Vanderbilt Univ. School of Medicine, Nashville)

27–29. **Protection of Plants and Extermination of Pests**, symp., Magdeburg, Germany. (Chemische Gesellschaft in der D.D.R., Unter den Linden 68–70, Berlin W.8, Germany)

27–29. Society for General **Microbiology**, Reading, England. (SGM, c/o Inst. of Biology, 41 Queen's Gate, London, S.W.7, England)

28–29. **Broadcast Symp.**, annual, Washington, D.C. (G. C. Wetmore, Collins Radio Co., 1825 Connecticut Ave., NW, Washington 9)

28–30. **Medical Psychology**, intern. colloquium, Brussels and Louvain, Belgium. (P. H. Davost, Société de Psychologie Médicale de Langue Française, 2 rue de Rohan, Rennes, France)

30–5. American Soc. for **Testing Materials**, Pacific area, Los Angeles, Calif. (Executive Secretary, ASTM, 1916 Race St., Philadelphia 3, Pa.)

30–6. **Medical Hydrology and Climatology**, intern. congr

5-7. Intercollegiate **Geological** Conf., Montreal, Quebec, Canada. (T. H. Clark, Dept. of Geological Sciences, McGill Univ., Montreal)

5-10. **Moorland Research**, intern. congr., Bremen, Germany. (Internationale Gesellschaft für Moorforschung, Hauptstr. 26, Vaduz, Liechtenstein)

6-7. American Acad. of **Psychotherapists**, annual conf., Chicago, Ill. (A. Ellis, Parc Vendome, 333 W. 56 St., New York 19)

6-7. **Parathyroid Insufficiency and Chronic Tetany**, intern. symp., Paris, France. (H. P. Klotz, Hôpital Bichat, 170 Boulevard Ney, Paris 18°)

6-12. **Electronic Computers** in Civil Engineering, symp., Lisbon, Portugal. (M. Rocha, Laboratório Nacional de Engenharia Civil, Av. do Brasil, Lisbon)

7-9. **Neurology** and Neurological Sciences, congr., Tokyo, Japan. (Japanese Organizing Committee, c/o 3rd Dept. of Internal Medicine, Faculty of Medicine, University of Tokyo, Hongo, Tokyo)

7-10. **Process Engineers**, annual, Mainz, Germany. (Verfahrenstechnische Gesellschaft, Verein Deutscher Ingenieure, Rheingau-Allee 25, Frankfurt am Main, Germany)

7-10. Society of **Petroleum Engineers**, Los Angeles, Calif. (SPE, 345 E. 47 St., New York 17)

7-13. **Cardiology**, intern. congr., Mexico City, Mexico. (I. Costero, Instituto Nacional de Cardiologia, Ave. Cuauhtemoc 300, Mexico 7, D.F.)

8-10. **Electronics**, natl. conf., Chicago, Ill. (National Electronics Conf., 228 N. La Salle St., Chicago 1)

8-11. **Allergy**, congr., Basel, Switzerland. (R. Schuppli, c/o Dermatologische Universitäts-Klinik, Basel)

8-11. **Infectious Pathology**, intern. congr., Bucharest, Rumania. (N. Cajal, Str. Dumbrava, Rossie 23, Bucharest)

8-11. **Otorhinolaryngology**, congr., Paris, France. (H. Guillon, French Soc. of Otorhinolaryngology, 6 Avenue MacMahon, Paris 17°)

8-11. **Water Pollution Control** Federation, annual, Toronto, Canada. (R. E. Fuhrman, Executive Secretary, WPCF, 4435 Wisconsin Ave., NW, Washington 16, D.C.)

8-12. American Soc. of **Civil Engineers**, Detroit, Mich. (W. H. Wisely, 345 E. 47 St., New York 17)

8-12. **Industrial Forestry**, seminar, St. Paul, Minn. (Z. W. White, Yale School of Forestry, 205 Prospect St., New Haven 11, Conn.)

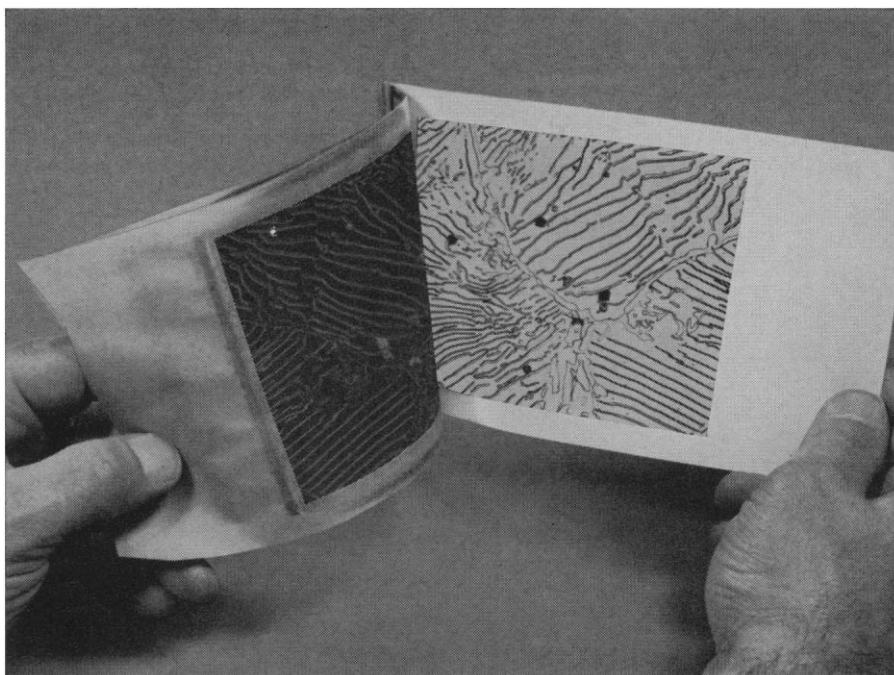
8-12. **Instruments** and Research Equipment, symp. and exhibit, Bethesda, Md. (L. Heiss, American Instrument Co., Inc., 8030 Georgia Ave., Silver Spring, Md.)

8-12. **Lead and Radiation Shielding Problems**, intern. conf., London, England. (J. Oldroyd, Lead Development Assoc., 34 Berkeley Square, London, W.1)

8-13. Treatment and Storage of High-Level **Radioactive Wastes**, symp., Vienna, Austria. (Intern. Atomic Energy Agency, 11 Kärntner Ring, Vienna 1)

8-20. **Statistical Forecasting**, training seminar, Paris, France. (World Meteorological Organization, 41 Avenue Giuseppe Motta, Geneva, Switzerland)

9-11. **Analytical Chemistry** in Nuclear



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Reactor Technology, Gatlinburg, Tenn. (C. D. Susano, Oak Ridge Natl. Laboratory, P.O. Box X, Oak Ridge, Tenn.)

9-11. International Assoc. of **Food Analysts**, symp., Bordeaux, France. (L. de Saint Rat, 18 Avenue de Villars, Paris 7^e, France)

9-11. **Nuclear Reactor Chemistry**, conf., Gatlinburg, Tenn. (W. R. Grimes, Oak Ridge Natl. Laboratory, P.O. Box X, Oak Ridge, Tenn.)

9-12. American **Dietetic Assoc.**, annual, Miami Beach, Fla. (V. F. Harger, Dept. of Home Economics, Ohio State Univ., Columbus 10)

9-12. Scientific Soc. for **Aviation**, an-

nual, Brunswick, Germany. (Wissenschaftliche Gesellschaft für Luftfahrt, Martinstr. 40-42, Cologne, Germany)

10-12. **Comparative Medicine**, intern. symp., New York, N.Y. (J. D. Bech, Animal Medical Center, 350 Lafayette St., New York 12)

12. Biochemical Aspects of **Hormone Action**, symp., St. Louis, Mo. (A. B. Eisenstein, Jewish Hospital of St. Louis, 216 S. Kingshighway Blvd., St. Louis 10)

12-13 American **Medical Writers' Assoc.**, Washington, D.C. (S. O. Waife, P.O. Box 1796, Indianapolis 6, Ind.)

12-14. **Phosphorylated Glucides**, intern. symp., Milan, Italy. (Segreteria del

Comitato Organizzatore del Symposium Internazionale sui Glucidi Fosforilati, Via Modica 6, Milano)

13. Metabolic and Structural Alterations in **Pre-Diabetes**, symp., New York, N.Y. (R. Levine, New York Diabetes Assoc., 104 E. 40 St., New York 16)

13-14. Fundamental Nature of **Living Matter**, symp., Cleveland, Ohio. (Dedication Committee Office, Allen Memorial Library, 11000 Euclid Ave., Cleveland 6)

13-14. International Federation of **Surgical Colleges**, annual, Atlantic City, N.J. (I. S. Ravdin, American College of Surgeons, 3400 Spruce St., Philadelphia 4, Pa.)

13-14. Society for **Psychophysiological Research**, annual, Denver, Colo. (S. G. Margolin, Dept. of Psychophysiology, Univ. of Colorado, Denver 20)

13-21. **Electronics Telecommunications, Automation, and Nucleonics**, intern. fair, Ljubljana, Yugoslavia. (Gospodarsko Razstavišče, Ljubljana)

14-17. **Electrical Insulation**, conf., Hershey, Pa. (L. J. Frisco, Div. of Engineering and Industrial Research, Natl. Acad. of Sciences, 2101 Constitution Ave., Washington 25)

14-19. **Dentistry Teaching**, seminar, Bogota, Colombia. (Pan American Sanitary Bureau, Washington 6)

14-19. **Pulp and Paper Engineering**, conf., Montreal, Canada. (Technical Assoc. of the Pulp and Paper Industry, 360 Lexington Ave., New York 17)

15-17. Association of Official **Agricultural Chemists**, annual, Washington, D.C. (W. Horwitz, Box 540, Benjamin Franklin Station, Washington 4)

15-17. **Materials Handling**, conf., Cincinnati, Ohio. (American Soc. of Mechanical Engineers, 29 W. 39 St., New York 18)

15-17. Selection Problems in **Plastics**, Amsterdam, Netherlands. (Secretariate, Tesselschadestraat 5, Amsterdam W.)

15-17. Specialists on **Antisubmarine Warfare**, natl. symp., Boston, Mass. (classified secret). (T. Nussdorfer, Geophysics Corp. of America, Bedford, Mass., or Institute of the Aerospace Sciences, 2 E. 64 St., New York 21)

15-18. American **Meteorological Soc.**, natl., New York, N.Y. (AMS, 45 Beacon St., Boston 8, Mass.)

15-18. **Danube Research**, intern. symp., Bratislava, Czechoslovakia. (L. Kneppo, Slovak Acad. of Sciences, Ul. Obrancov Mieru 41, Bratislava)

15-18. **Instrument-Automation**, conf. and exhibit, New York, N.Y. (Meetings Manager, Instrument Soc. of America, Penn-Sheraton Hotel, Pittsburgh 19, Pa.)

15-18. **Space Phenomena and Measurement**, intern. symp., Detroit, Mich. (H. E. DeBolt, AVCO Corp., 201 Lowell St., Wilmington, Mass.)

15-19. American College of **Surgeons**, annual clinical congr., Atlantic City, N.J.