

# Meetings and Societies

## Psychobiological Development of the Child

In 1953 the World Health Organization created a study group to "discuss the influences of biological, psychological, and cultural factors in development." The interdisciplinary and international group included, among others, J. Bowlby (London), E. Erikson (Stockbridge), G. R. Hargreaves (Leeds), B. Inhelder (Geneva), E. E. Krapf (Geneva), K. Lorenz (Seewiesen), M. Mead (New York), K. A. Melin (Stockholm), M. Monnier (Geneva), J. Piaget (Sorbonne), A. Rémond (Paris), J. M. Tanner (London), W. Grey Walter (London), R. Zazzo (Paris).

The scope of the conference was to review the field from its various aspects, such as somatic growth, electroencephalography, child psychology, theory of instinct, psychoanalysis, and cultural anthropology, with an attempt to coordinate the results obtained in these various branches of science. Under the able chairmanship of F. Fremont-Smith (Macy Foundation), the meetings developed in the form of idea conferences, formal presentations being limited, and emphasis placed on free discussion.

Piaget summarized the principal problems arising from the material presented in the first three sessions in a number of questions, of which the following may be mentioned. *Factors of development*: Besides the traditional three main factors in development, hereditary, environmental, and social, a fourth factor, successive "equilibrium stages," should be envisaged. *Search for a common language*: In view of the difficulties of interdisciplinary communication and understanding, the question whether conceptual models translatable from one realm to another can be found becomes imperative. *Stages of development versus continuous development*: Is development a continuous process, or does it take place in a series of steps or stages, and how far is either concept applicable to development as a whole and to individual developmental processes? *Cognitive and affective aspects of development*: How far can the development of cognitive functions (as studied by Piaget and his school) be correlated

with the developmental stages indicated by psychoanalysis?

The fourth meeting, held in Geneva 20-26 Sept. 1956, was devoted to a discussion of these and related questions. Among other presentations, Inhelder, Piaget, and Noelting showed a film (*Cognitive Development of the Child*) which vividly illustrates the highlights of the research done by Piaget and coworkers (development of notions of space, of conservation, of reasoning). Bowlby presented material related to mother-child separation. Erikson reviewed social aspects of psychoanalysis. Monnier compared the development of the electroencephalographic pattern in the child with Piaget's stages of the development of cognitive functions. Bertalanffy presented general system theory as a possible means of a "common language" and discussed symbolism as a characteristic unique to man and not sufficiently taken into account by conventional psychoanalytic theory.

The fourth conference was planned to be the final one, but in view of many remaining problems and new viewpoints brought into discussion, a continuation of the study group is envisaged. The proceedings of the meetings are published under the title *Discussion on Child Development* (J. M. Tanner and B. Inhelder, editors) by Tavistock Publications, Ltd., London, of which the first and second volumes have appeared, and the consecutive volumes are to follow soon.

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Los Angeles, California

## Meeting Notes

■ The first Pan American Cancer Cytology Congress will be held in Miami Beach, Fla., 25-29 Apr. The State Department has invited the Ministries of Health of the 21 nations of the Western Hemisphere to send representatives to the meeting.

Recent advances in basic cancer research will be surveyed by experts from countries of North and South America. Special emphasis will be placed upon

gynecological cancer and the revolutionary role of cervical cytology as a screening test for uterine cancer, which was recently perfected for population screening. The role of cytodiagnosis in improving surgical treatment in lung, prostatic, and gastrointestinal cancer will be discussed. Of special interest to practitioners of medicine will be explanations of procedural details and methodology for the application of cytodiagnosis for early detection of cancer in the physician's office.

Those who wish to present papers at the Congress should apply to the program chairman, Dr. Wayne Rogers, P.O. Box 633, Coral Gables, Fla. Address inquiries about scientific exhibits or moving picture presentations to the chairman, Dr. Homer L. Pearson, P.O. Box 633, Coral Gables, Fla.

■ An Electronic Components Symposium will be held at the Morrison Hotel in Chicago 1-3 May. The meeting is sponsored annually by the American Institute of Radio Engineers, the Radio-Electronics-Television manufacturers Association, and the West Coast Electronic Manufacturers Association, with the active participation of agencies of the Department of Defense and the National Bureau of Standards.

Papers will be given in eight areas: high-temperature components, radiation effects, component reliability, passive components, active components, instrumentation and measurements, materials development, and general component needs. Further information can be obtained by writing to J. S. Powers, Electronic Components Symposium, 84 E. Randolph St., Chicago 1, Ill.

■ Stanford University School of Medicine will present a Postgraduate Conference in Surgery from 18 Mar. through 22 Mar. 1957. Registration is unlimited and will be open to holders of the M.D. degree.

Patients with common surgical problems will be presented. The surgical anatomy of the region under consideration will be demonstrated while the patient is taken to surgery. After the anatomical demonstration the operation will be broadcast in black and white television. Programs and further information may be obtained from the Office of the Dean, Stanford University School of Medicine, 2398 Sacramento St., San Francisco 15, Calif.

■ The annual Institute of Radio Engineers National Convention and Radio Engineering Show will be held at the Waldorf-Astoria Hotel and the New York Coliseum 18-21 Mar. A program of 55 technical sessions is being set up

by the Technical Program Committee with the assistance of all the IRE professional groups. Two highlight sessions, "Future use of air space" and "Micro-miniaturization—the ultimate technique," will be held the evening of 19 Mar. All four floors of the Coliseum will be set aside for the use of 840 exhibitors at the Radio Engineering Show.

■ The nation's first comprehensive demonstration of systems presently in use for the organization, storage, and retrieval of recorded information, together with a symposium on information-handling problems and techniques, will be presented at Western Reserve University in Cleveland, Ohio, 15–17 Apr. The activities will be sponsored by the School of Library Science of Western Reserve University in conjunction with its Center for Documentation and Communication Research, and by the Council on Documentation Research, a group recently formed by representatives of organizations in government, industry, and education to promote cooperation among those concerned with information.

Further information may be obtained from Dean Jesse H. Shera, School of Library Science, Western Reserve University, Cleveland 6, Ohio.

■ A Symposium on Nondestructive Tests that have been developed in the Field of Nuclear Energy will be held at the Morrison Hotel in Chicago, Ill., 16–18 Apr. The symposium is being sponsored jointly by the American Institute of Chemical Engineers, the American Nuclear Society, the American Society for Testing Materials, and the Society for Nondestructive Testing.

The results of 15 years of research and development in testing applications in the nuclear field will be presented to persons who are interested in the industrial applications of nondestructive test methods. The recently declassified papers presented will be divided into three categories: (i) reactor materials, including fuel, sheath or cladding, control, and moderator material; (ii) complete fuel assemblies; and (iii) miscellaneous.

Papers will be presented in the morning and afternoon sessions each day, and in the evenings of the first and second days there will be panel discussions in which the authors on the day's program will take part. The chairman of the symposium is W. J. McGonnagle, Argonne National Laboratory.

■ A symposium on the formation and stabilization of free radicals will be held at the National Bureau of Standards 18–20 Sept. The meeting will be sponsored jointly by the Applied Physics Laboratory of Johns Hopkins University, Catholic University of America, and the National Bureau of Standards.

Recent advances in low-temperature physics, high-polymer research, and other fields have stimulated interest in the isolation and study of free radicals. A number of industrial, Government, and university laboratories are now conducting research programs on free radicals. The programs should yield results of broad significance in basic chemistry and physics. The September conference is expected to provide a valuable medium for exchange of information in this rapidly growing field. Further information on the program may be obtained from Dr. A. M. Bass, Free Radicals Research Section, National Bureau of Standards, Washington 25, D.C.

## Society Elections

■ AAAS Alaska Division: pres., Victor P. Hessler, University of Alaska; v. pres., Frank Pauls, Territorial Department of Health; sec., Clyde J. Beers, U.S. Coast and Geodetic Survey, College, Alaska; treas., John Buckley, University of Alaska. Representative to the AAAS Council is C. T. Elvey.

■ American Public Health Association: pres., John W. Knutson, Assistant Surgeon General, U.S. Public Health Service; pres.-elect, Roy J. Morton, Oak Ridge National Laboratory; treas., Charles Glen King, Nutrition Foundation Inc.; exec.-sec., Reginald M. Atwater, APHA, 1790 Broadway, New York, N.Y.

■ Oklahoma Academy of Science: pres., D. E. Howell, Oklahoma Agricultural and Mechanical College; v. pres., George Goodman, University of Oklahoma; sec.-treas., Philip Smith, Oklahoma University School of Medicine; permanent sec., J. Teague Self, University of Oklahoma.

■ Academy Conference: pres., Thelma C. Heatwole, Staunton, Va.; pres.-elect, John Yarborough, Meredith College, Raleigh, N.C.; sec., John G. Arnold, Loyola University, New Orleans, La.

## Forthcoming Events

### February

10–12. Canadian Ceramic Soc., 55th annual, Niagara Falls, Ont., Canada. (L. C. Keith, 49 Turner Road, Toronto, Ont.)

14. Present Status of Heart Sound Production and Recording, symp., Buffalo, N.Y. (R. M. Kohn, Univ. of Buffalo, 2183 Main Street, Buffalo 14, N.Y.)

14. Significance of Nucleic Acid Derivatives in Nutrition, Assoc. of Vitamin Chemists, Chicago, Ill. (M. Freed, Dawe's Laboratories, Inc., 4800 S. Richmond St., Chicago 32.)

14–15. Transistor Circuits, conf., Phila-

delphia, Pa. (G. H. Royer, Westinghouse Electric Corp., 356 Collins Ave., Pittsburgh 6, Pa.)

15–16. National Soc. of Professional Engineers, Charleston, S.C. (P. H. Robins, 2029 K St., NW, Washington 6.)

15–17. National Assoc. for Research in Science Teaching, annual, Atlantic City, N.J. (C. M. Pruitt, Univ. of Tampa, Tampa, Fla.)

16. Management of Acute Myocardial Infarction, symp., American College of Cardiology, New York, N.Y. (P. Reichert, Secy., ACC, Empire State Bldg., New York.)

18–20. American Educational Research Assoc., annual, Atlantic City, N.J. (F. W. Hubbard, AERA, 1201 16 St., NW, Washington 6.)

18–22. American Soc. of Civil Engineers, Jackson, Miss. (W. H. Wisely, ASCE, 33 W. 39 St., New York 18.)

18–22. Endocrinology: Hormones in Blood, Ciba Found. Colloq. (by invitation), London, England. (G. E. W. Wolstenholme, 41 Portland Place, London.)

21–23. National Soc. of College Teachers of Education, annual, Chicago, Ill. (C. A. Eggertsen, School of Education, Univ. of Michigan, Ann Arbor.)

23. American Mathematical Soc., New Haven, Conn. (J. H. Curtiss, AMS, 190 Hope St., Providence 6, R.I.)

23. Oregon Acad. of Science, annual, Monmouth, (F. A. Gilfillan, Oregon State College, Corvallis.)

24–28. American Inst. of Mining, Metallurgical and Petroleum Engineers, annual, New Orleans, La. (E. O. Kirkendall, AIME, 29 W. 39 St., New York 18.)

24–28. International College of Surgeons, 10th biennial cong., Mexico, D.F., Mexico. (M. Thorek, ICS, 850 W. Irving Park Rd., Chicago 13, Ill.)

25–28. American Soc. of Heating and Air-Conditioning Engineers, Chicago, Ill. (A. V. Hutchinson, ASHAE, 62 Worth St., New York 13.)

26–28. Western Joint Computer Conf., Los Angeles, Calif. (M. J. Mendelson, Norden-Ketay Corp., 13210 Crenshaw Blvd., Gardena, Calif.)

### March

1–2. American Physical Soc., Norman, Okla. (K. K. Darrow, Columbia Univ., New York 27.)

1–3. National Wildlife Federation, annual, Washington, D.C. (C. H. Callison, 232 Carroll St., NW, Washington 12.)

3–6. American Inst. of Chemical Engineers, White Sulphur Springs, W.Va. (F. J. Van Antwerpen, AIChE, 25 W. 45 St., New York 36.)

3–9. American Soc. of Photogrammetry, 23rd annual, joint with American Cong. on Surveying and Mapping, 17th annual, Washington, D.C. (C. E. Palmer, ASP, 1515 Massachusetts Ave., NW, Washington 5.)

4. Wildlife Soc., annual, Washington, D.C. (D. L. Leedy, Fish and Wildlife Service, Dept. of the Interior, Washington 25.)

4–6. National Biophysics Conf., Columbus, Ohio. (H. P. Schwan, School of Medicine, Univ. of Pennsylvania, Philadelphia 4.)

4-8. Analytical Chemistry and Applied Spectroscopy, Pittsburgh, Pa. (L. M. Melnick, U.S. Steel Corp., Applied Research Lab., Monroeville, Pa.)

7-9. American Orthopsychiatric Assoc., 34th annual, Chicago, Ill. (M. F. Langer, AOA, 1790 Broadway, New York 19.)

7-9. Fundamental Cancer Research, 11th annual symp., Houston, Tex. (L. Dmochowski, M. D. Anderson Hospital, Texas Medical Center, Houston 25.)

7-9. Optical Soc. of America, semiannual, New York, N.Y. (S. S. Ballard, Scripps Inst. of Oceanography, San Diego 52, Calif.)

10-16. Nuclear Engineering and Science Cong., 2nd, Philadelphia, Pa. (Engineers Joint Council, 29 W. 39 St., New York 18.)

11-15. National Assoc. of Corrosion Engineers, 13th annual, St. Louis, Mo. (R. T. Effinger, Shell Oil Co., Deer Park Refinery, Houston, Tex.)

13-15. Society of Exploration Geophysicists, 10th annual midwestern, Fort Worth, Tex. (G. A. Grimm, Tide Water Associated Oil Co., Box 2131, Midland, Tex.)

14. Effect of Radiation on Foods, Assoc. of Vitamin Chemists, Chicago, Ill. (M. Freed, Dawe's Laboratories, Inc., 4800 S. Richmond St., Chicago 32.)

15. Fats in Human Nutrition, AMA symp., New Orleans, La. (Council on Foods and Nutrition, American Medical Assoc., 535 N. Dearborn, Chicago 10, Ill.)

18-21. Institute of Radio Engineers, natl. convention, New York, N.Y. (B. Warriner, IRE, 1 E. 79 St., New York 21.)

19-21. American Meteorological Soc., 151st national, Chicago, Ill. (K. C. Spengler, AMS, 3 Joy St., Boston 8, Mass.)

20-22. National Health Forum, Cincinnati, Ohio. (National Health Council, 1790 Broadway, New York 19.)

20-23. National Science Teachers Assoc., annual, Cleveland, Ohio. (R. H. Carleton, NSTA, 1201 16 St., NW, Washington 6.)

21-23. American Physical Soc., Philadelphia, Pa. (K. K. Darrow, APS, Columbia Univ., New York 27, N.Y.)

21-23. International Assoc. for Dental Research, annual, Atlantic City, N.J. (D. Y. Burrill, 129 E. Broadway, Louisville 2, Ky.)

21-23. Michigan Acad. of Science, Arts and Letters, annual, Detroit, Mich. (R. F. Haugh, Dept. of English, Univ. of Michigan, Ann Arbor.)

22-23. Heart: Law-Medicine Problem, Cleveland, Ohio. (O. Schroeder, Jr., Law-Medicine Center, Western Reserve Univ., Cleveland 6.)

23-28. American Soc. of Tool Engineers, 25th annual, Houston, Tex. (R. Gebers, 10700 Puritan, Detroit 38, Mich.)

24-27. American Assoc. of Dental Schools, annual, Atlantic City, N.J. (M. W. McCrea, 42 S. Greene St., Baltimore 1, Md.)

25-28. American Acad. of General Practice, 9th annual scientific assembly, St. Louis, Mo. (M. F. Cahal, AAGP, Volker Blvd. at Brookside, Kansas City 12, Mo.)

25-29. Western Metal Exposition and Congress, 10th, Los Angeles, Calif. (W. H. Eisenman, 7301 Euclid Ave., Cleveland 3, Ohio.)

26-28. Mechanisms for the Development of Drug Resistance in Microorganisms, Ciba Foundation Symp. (by invitation), London, England. (G. E. W. Wolstenholme, 41 Portland Pl., London, W.1.)

26-28. Weather Radar Conf., 6th, sponsored by American Meteorological Soc., Cambridge, Mass. (K. C. Spengler, 3 Joy St., Boston 8, Mass.)

27-29. American Power Conf., 19th annual, Chicago, Ill. (R. A. Budenholzer, Illinois Inst. of Technology, 35 W. 33 St., Chicago 16.)

27-29. National Committee on Alcoholism, annual, Chicago, Ill. (Miss E. Jensen, NCA, 2 E. 103 St., New York 29.)

31-9. Pan American Cong. of Social Work, 3rd, San Juan, P.R. (Mrs. M. Velez de Perez, Apartado 3271, San Juan.)

#### April

1-4. American Assoc. of Petroleum Geologists, 42nd annual, St. Louis, Mo. (R. H. Dott, AAPG, Box 979, Tulsa, Okla.)

1-4. International Anesthesia Research Soc., cong., Phoenix, Ariz. (A. W. Friend, Wade Park Manor, Cleveland 6, Ohio.)

1-5. Assoc. of American Geographers, annual, Cincinnati, Ohio (B. W. Adkinson, Reference Dept., Library of Congress, Washington 25.)

5-6. American Mathematical Soc., New York, N.Y. (J. H. Curtiss, AMS, 190 Hope St., Providence 6, R.I.)

7-10. Pan American Assoc. of Ophthalmology, 4th interim cong., New York, N.Y. (B. F. Payne, 17 E. 72 St., New York 21.)

7-12. American Chemical Soc., Miami, Fla. (A. H. Emery, ACS, 1155 16 St., NW, Washington 6.)

8. Phi Lambda Upsilon, Miami, Fla. (T. B. Cameron, Dept. of Chemistry, Univ. of Cincinnati, Cincinnati 21, Ohio.)

8-10. American Soc. of Mechanical Engineers, spring, Birmingham, Ala. (C. E. Davies, ASME, 29 W. 39 St., New York 18.)

8-12. Food Bacteriology, internatl. symp., Cambridge, England. (Dr. Mossel, Central Inst. for Nutrition Research T.N.O., Catharijnesingel 61, Utrecht, Netherlands.)

8-12. Surface Activity, 2nd world cong., London, England. (Congress Secy., 14 Belgrave Sq., London, S.W. 1.)

9-10. Industrial Electronics Education Conf., annual, Chicago, Ill. (E. A. Roberts, Armour Research Foundation, Illinois Inst. of Technology, Chicago 16.)

10-12. Nuclear Instrumentation Conf.,



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natl., Atlanta, Ga. (H. Kindler, Instrument Soc. of America, 313 Sixth Ave., Pittsburgh, Pa.)

10-13. Conference on Embryology and Experimental Morphology, Cambridge, England. (D. R. Newth, Dept. of Zoology, University College London, Gower St., London W.C. 1.)

11-13. Southwestern Inst. of Radio Engineers Conf. and Electronics Show, 9th annual, with 2nd National Simulation Conf., Houston, Tex. (F. C. Smith, Jr., Box 13058, Houston 19.)

12-13. Colorado-Wyoming Acad. of Science, annual, Fort Collins, Colo. (O. W. Olsen, Colorado A.&M. College, Fort Collins.)

12-13. Eastern Psychological Assoc., annual, New York, N.Y. (G. G. Lane, Dept. of Psychology, Univ. of Delaware, Newark.)

12-13. New Orleans Acad. of Sciences, New Orleans, La. (A. Welden, Dept. of Biology, Newcomb College, New Orleans.)

12-14. American Assoc. for Cancer Research, Chicago, Ill. (H. J. Creech, Inst. for Cancer Research, Fox Chase, Philadelphia 11, Pa.)

12-14. American Assoc. of Physical Anthropologists, annual, Ann Arbor, Mich. (J. H. Spuhler, Dept. of Human Genetics, Univ. of Michigan Medical School, Ann Arbor.)

12-14. National Speleological Soc., Natural Bridge, Va. (Mrs. M. McKenzie,

1407 Hickory Ct., Broyhill Park, Falls Church, Va.)

13. South Carolina Academy of Science, annual, Columbia (Miss M. Hess, Box 114, Winthrop College, Rock Hill, S.C.)

14-20. American Physiological Soc., Chicago, Ill. (M. O. Lee, APS, 9650 Wisconsin Ave., NW, Washington 14.)

15-17. Systems for Information Retrieval, symp., Cleveland, Ohio. (J. H. Shera, School of Library Science, Western Reserve Univ., Cleveland 6.)

15-18. American Personnel and Guidance Assoc. and constituent divisions: American College Personnel Assoc., American School Counselor Assoc., National Assoc. of Guidance Supervisors and Counselor Trainers, National Vocational Guidance Assoc., Student Personnel Assoc. for Teacher Education; Detroit, Mich. (A. A. Hitchcock, APGA, 1534 O St., NW, Washington 5.)

15-18. Host-Specificity and Parallel Evolution among Parasitic Insects and Worms, symp., Neuchatel, Switzerland. (J. G. Baer, C.P. 2, Neuchatel 7.)

15-19. American Assoc. of Immunologists, annual, Chicago, Ill. (F. S. Cheever, Graduate School of Public Health, Univ. of Pittsburgh, Pittsburgh 13, Pa.)

15-19. American Soc. for Experimental Pathology, annual, Chicago, Ill. (C. C. Erickson, Inst. of Pathology, Univ. of Tennessee, 858 Madison Ave., Memphis.)

15-19. American Soc. for Pharmacology,

and Experimental Therapeutics, Chicago, Ill. (H. Hodge, Dept. of Pharmacology, Univ. of Rochester, Rochester, N.Y.)

15-19. Federation of American Societies for Experimental Biology, annual, Chicago, Ill. (M. O. Lee, FASEB, 9650 Wisconsin Ave., Washington 14.)

15-19. High Energy Nuclear Physics Conf., 7th annual, Rochester, N.Y. (R., Marshak, Univ. of Rochester, Rochester.)

15-20. American Inst. of Nutrition, annual, Chicago, Ill. (R. W. Engel, Dept. of Biochemistry and Nutrition, Virginia Polytechnic Inst., Blacksburg 13, Va.)

16-18. Nuclear Tests for Nondestructive Testing Applications, symp., Chicago, Ill. (American Soc. for Testing Materials, 1916 Race St., Philadelphia 3, Pa.)

17-19. American Assoc. of Anatomists, annual, Baltimore, Md. (L. B. Flexner, School of Medicine, Univ. of Pennsylvania, Philadelphia 4.)

18-20. Assoc. of Southeastern Biologists, annual, Athens, Ga. (J. C. Dickinson, Jr., Univ. of Florida, Gainesville.)

18-20. Ohio Acad. of Science, annual, Bowling Green. (R. W. Dexter, Dept. of Biology, Kent State Univ., Kent, Ohio.)

18-20. Southern Soc. for Philosophy and Psychology, annual, Gatlinburg, Tenn. (W. B. Webb, U.S. Navy School of Aviation Medicine, Pensacola, Fla.)

18-20. Venereal Disease Postgrad. Conf., 26th, Memphis, Tenn. (H. Packer, Dept. of Preventive Medicine, Univ. of Tennessee College of Medicine, Memphis 3.)

19-20. Arkansas Acad. of Science, annual, Fayetteville. (L. F. Bailey, University of Arkansas, Fayetteville.)

19-20. Seismological Soc. of America, annual, Los Angeles, Calif. (P. Byerly, Bacon Hall, Univ. of California, Berkeley 4.)

23-25. Chemistry and Biology of Mucopolysaccharides, Ciba Foundation Symp. (by invitation only), London, England. (G. E. W. Wolstenholme, 41 Portland Pl., London, W.1.)

23-25. Solid State Devices in Electric Circuits, symp., New York, N.Y. (J. Griesmann, Microwave Research Inst., 55 Johnson St., Brooklyn 1, N.Y.)

23-26. American Industrial Hygiene Assoc., annual, St. Louis, Mo. (G. D. Clayton, AIHA, 14125 Prevost, Detroit 27, Mich.)

24-26. Purity Control by Thermal Analysis, IUPAC, Amsterdam, Netherlands. (W. M. Smit, Central Inst. for Physico-Chemical Constants, Biltstraat 172, Utrecht, Netherlands.)

25-27. American Physical Soc., Washington, D.C. (K. K. Darrow, APS, Columbia Univ., New York 27.)

25-29. Pan American Cancer Cytology Cong., Miami, Fla. (J. E. Ayre, New York Univ., New York, N.Y.)

26-27. American Assoc. of University Professors, annual, New York, N.Y. (R. F. Fuchs, AAUP, 1785 Massachusetts Ave., NW, Washington 6.)

26-27. Iowa Acad. of Science, annual, Cedar Falls. (J. L. Laffoon, Dept. of Zoology and Entomology, Iowa State College, Ames.)

26-27. Kentucky Acad. of Science, Mammoth Cave. (G. Levey, Berea College, Berea, Ky.)



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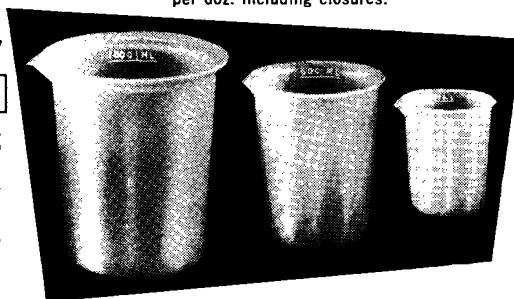
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