coagulants''; Speaker to be announced, "The Clinical Use of Anticoagulants."

#### CANCER

W. H. Summerson, Chairman; W. U. Gardner,  $Vice ext{-}Chairman$ 

August 29 O. Warburg and A. L. Lehniger, "Cancer and Fermentation Enzymes"; G. A. LePage, "Studies of Glycolytic Enzymes of Tumors''; J. Greenstein, "Proteolytic Enzymes and Cancer''; D. M. Greenberg, "Effect of Amino Acid Analogs on Protein Formation: Relation to Cancer."

August 30 E. S. Guzman Barron, "Mechanism of Action of Ionizing Radiations"; E. Lorenz, "Some Biological Effects of Ionizing Radiations on Laboratory Animals''; G. O. Gey, "Evidences of Biologic Variation in Tissue Cultured Strains of Normal and Malignant Cells"; W. Earle, "Certain Recent Advances in Tissue Culture in Relation to Cancer Research."

August 31 G. H. Twombly and E. F. Schoenewaldt, "Metabolism of Estrogenic Hormones Labeled with Radioactive Isotopes''; C. R. Moore, "Role of Hormones in the Differentiation and Determination of Tissues'; A. Cantarow and K. E. Paschkis, "Certain Aspects of Hormone Imbalance in Experimental Carcinogenesis'; R. K. Boutwell, "Studies on the Rate of Tumor Formation and the Activity of the Adrenal Cortex."

September 1 F. S. Philips and J. B. Thiersch, "Effects of 4-Amino Pteroylglutamic Acid and Congeners in Mammals''; E. B. Schoenbach, "Status and Potentialities of Folic Acid Antagonists as Carcinolytic Agents'; S. Farber, "Action of Folic Acid Conjugates and Antagonists on Leukemia and other Forms of Disseminated Cancer."

September 2 J. G. Kidd and H. M. Toolan, "Studies on the Mechanisms of Resistance and Immunity to Transplanted Cancer Cells"; J. J. Bittner, R. A. Huseby, and C. P. Barnum, Jr., "Studies on the Factors Associated with the Development of Mammary Cancer in Mice."

# NEWS and Notes

W. C. Fernelius, chairman of the Department of Chemistry at Syracuse University, has been appointed professor and head of the Department at 1892 and curator of the Department Penn State College, State College, of Botany since 1896, retired on Janu-Pennsylvania.

Francis E. Ray, formerly of the Laboratory of Radiochemistry, University of Cincinnati, has been appointed director of the University of Florida Cancer Research Laboratory, effective July 1.

B. I. Burns, administrator of hospitals at the University of Texas Medical Branch, Galveston, has accepted appointment as director of Municipal Hospitals for Kansas City, Missouri, effective in March.

Charles E. Lankford, formerly associate professor in Bacteriology at the ing professor in the University of Illi-University of Texas Medical School, nois' Department of Geology during Galveston, has been appointed associate professor in bacteriology at the main university in Austin.

regained the sight of one eye through lish an international society of beet Maine. Lyle Jenness, who has been

Swedish eye specialist.

William G. McDaniel, chemical engineer, has joined the Operations Branch, Plants Division, Technical Command, Army Chemical Center, Maryland.

Alice Eastwood, botanist at the California Academy of Sciences since ary 19 on the occasion of her ninetieth birthday. At the January meeting of the Academy Council, Miss Eastwood was made curator emeritus of botany. John Thomas Howell was named curator, and Elizabeth McClintock, assistant curator.

Abel Wolman, of Johns Hopkins University, has been appointed lecturer and research consultant in Sanitary Engineering at the University of Illinois.

Margaret Fuller Boos, consultant geologist in Denver, is serving as visitthe spring semester.

Jaroslav Dedek, chemical engineer and former director of the research sta-

a recent operation by K. G. Ploman, sugar technology. Persons wishing to communicate with him may address him in care of Robert C. Hockett, 52 Wall Street, New York City 5.

> Thomas K. Sherwood, dean of engineering at Massachusetts Institute of Technology, and Bruce S. Old, of the Arthur D. Little staff, have been elected to the Board of Directors of Arthur D. Little, Inc., Cambridge, Massachusetts.

> Hyman I. Goldstein, of Camden, New Jersey, has been elected an honorary member of the Belgian Gastroenterological Society, and a corresponding member of the Cuban Society of Cancerology.

> The appointment of Harold H. Berman as director of Willowbrook State School, Staten Island, New York City, was recently announced. Dr. Berman was formerly on the medical staff at St. Lawrence State Hospital, Ogdensburg.

> Walter P. Taylor, wildlife research supervisor, U.S. Fish and Wildlife Service, and leader of the Oklahoma Cooperative Wildlife Research Unit, has been elected honorary Life Fellow of the Texas Academy of Science.

John B. Calkin, of New York City, Sven Hedin, 83-year old Swedish tion for the sugar industry in Czecho- has been appointed director of the Deexplorer and scientist who was par-slovakia, has taken up temporary resi- partment of Industrial Cooperation, tially blinded during an exploring ex- dence in Belgium. He is interested in and associate professor of chemical pedition into Asia 55 years ago, has coming to the United States to estab- engineering at the University of become head of the Department of Meyer for a new research laboratory Chemical Engineering.

E. D. Merrill, Arnold professor emeritus of Botany, Harvard University, has been appointed president of the Taxonomic Section of the Seventh International Botanical Congress. which is to convene in Stockholm the summer of 1950.

Harry Eagle has resigned as scientific director of the Research Branch of the National Cancer Institute, to head a new Section on Experimental Therapeutics in the Microbiological Insti-Bethesda, Maryland.

Daniel Melnick, formerly chief of Division, Food Development Quartermaster Food and Container Institute for the Armed Forces, has been appointed chief technologist at The Best Foods, Inc., Bayonne, New Jer-

Paulis P. Bijlaard, Arthur J. Mc-Nair, and Floyd O. Slate have been appointed associate professors in the School of Civil Engineering at Cornell University.

## Grants and Awards

The Robert Gould Research Foundation, Cincinnati, has made a grantin-aid of \$4,000 for research in nutrition to C. A. Elvehjem, dean of the Graduate School and chairman of the Biochemistry Department, University of Wisconsin. Dr. Elvehjem will study the use of amino acids as the sole source of protein in the diet.

On fellowships granted by the Westinghouse Educational Foundation, 50 secondary school teachers will receive a six-week refresher course in science at the Massachusetts Institute of Technology this summer. A total grant of \$62,500 will make it possible for 50 teachers to receive grants of \$250 each summer for the next five years.

The University of Cincinnati has received a \$2,500 fellowship from the Crosley Broadcasting Corporation to study the relationship between education and television.

in memory of her husband. It will be known as the Edward J. Meyer Laboratory.

The Charles Hayden Foundation of Boston has created a \$100,000 endowment fund at Columbia University, the income from which will be used to enable students from New York City and Boston to attend Columbia College. Since 1939, the Foundation has provided scholarship funds for more than 250 students.

The American Psychological Astute, National Institutes of Health, sociation has received a grant of \$3,000 from the Carnegie Corporation of New York toward support of an analysis of the state of progress in each of the principal areas of psychological research.

> The Photographic Society of Sweden has awarded the Adelsköld Gold Medal to C. E. K. Mees, vice president in charge of research for the Eastman Kodak Company, for his contributions to the progress of photography. Dr. Mees acknowledged the award from Rochester, New York, in a shortwave broadcast beamed to Sweden and other European countries.

> The James Watt Medal of the Institution of Mechanical Engineers in London has been awarded Fredrik Ljungström, Swedish inventor, who designed the rotary air preheater.

> The Kungliga Fysiografiska Sällskapet in Lund, Sweden, recently awarded its silver medal to William Randolph Taylor, University of Michigan, in recognition of his research in marine algae.

> Peter J. W. Debye, of Cornell University, will receive the 1949 Willard Gibbs Medal at the meeting of the Chicago Section of the American Chemical Society on May 20.

fornia's Department of Chemistry lated field and who have special inhas begun two new research projects, terest and experience in the study sponsored by the Office of Naval Re- of animal behavior. Further inforsearch. Investigation of surface areas mation may be obtained by writing and structure of proteins will be under to the New York Zoological Society, the supervision of Sydney W. Benson, Behavior Research Program, Bronx • and a study of the properties of ionic Zoo, New York 60, N. Y. The So-The University of Buffalo Medical solutions at the critical temperature ciety is also offering limited grants-School will receive \$432,000 from the of the solvent under the joint super- in-aid for participation in the third

acting director of the Department will estate of Mrs. S. Margaret Berrick vision of Dr. Benson and Charles S. Copeland.

> Richard L. Potter has been granted a postdoctorate research fellowship by the Atomic Energy commission to work with David Green in the new Enzyme Institute at the University of Wisconsin. The purpose of the fellowship is to provide advanced research training in the physical, biological, and medical sciences related to atomic energy. Dr. Potter will use radioactive tracers in his work on the synthesis of enzymes.

Edgar Reynolds Smith, chief of the Physical Chemistry Section, National Bureau of Standards, has been awarded the 1949 Hillebrand prize of the Washington Section, American Chemical Society. Dr. Smith, who prepared the first samples of heavy water, was cited particularly for his contributions to electrochemistry and ebulliometry.

Under the 1949-50 Shell Fellowship Program, 44 fellowships in chemistry, geology, geophysics, physics, and related fields have been established at 36 colleges and universities throughout the country. Each fellowship provides tuition and fees as well as payment of \$1,200 to the student and \$300 to the department of study for his expenses.

# **Fellowships**

Butler University, Indianapolis, Indiana, announces that two new Holcomb Research Fellowships are now available to graduate students in chem-The fellowships are valued at istry. \$1,500 per year and are tenable for two years. Applications may be addressed to the Department of Chemis-

The New York Zoological Society offers summer research fellowships providing \$500 for three months, June 15 through September 15, to advanced research workers who hold a Ph.D. degree in physiology, zoology, The University of Southern Cali-biology, ecology, psychology, or a reWyoming. Qualified graduate students chell, clinical assistants in medicine. and professionally established persons who wish to conduct research in ecology, conservation and land use, wildlife, life history studies, behavior, botany, ornithology, entomology, pathology and parasitology, and aquatic biology are invited to apply to program committee members: J. R. Simon, Moran, Wyoming, chairman; C. R. Carpenter, Pennsylvania State College; W. W. Chase, University of Michigan,

# Colleges and Universities

An expedition from the Instituto Lillo of Tacumán University, Argentina, has been exploring the Tierra del Fuego-South Patagonia region for the past two months to study its zoological and geographical relationship to surrounding island groups, and to Australia and New Zealand. The expedition is headed by Claes Christian Olrog, young Swedish zoologist.

Six colleges are participating in "Project Squid," a fundamental reseach program on jet propulsion sponsored by the Office of Naval Research. Headquarters for the project are at Princeton University. Cooperating institutions are New York University, Purdue University, Cornell Sciences elected the following officers Aeronautical Laboratory, Brooklyn at its January meeting: president, Polytechnic Institute, and the Uni- Frank H. H. Roberts, Jr.; presidentversity of Delaware. The project will elect, Francis B. Silsbee; secretary, include a year's work on "Heat Trans- Frank M. Setzler; treasurer, Howard fer in Passages with Free Convection S. Rappleye; elected to the Board of and Counter Flow," directed by S. Managers, William F. Foshag and C. A. Guerrieri, of the University of Dela- Lewis Gazin. ware, with the assistance of Robert Connell and Charles V. Foster.

The University of Wisconsin has begun construction on the first \$2,500,-000 wing of its engineering building, the beginning of an \$82,000,000 10year building project.

The Woman's Medical College. Philadelphia, Pennsylvania has announced the following appointments ence will hold its second International to its faculty: Edward H. Vick, clinical assistant in pediatrics; William Ellis and S. Micelli, clinical assistants in urology; Harry B. Adams, Jr., clinical assistant in proctology; Mary Engineering, University of Oklahoma; cersity of Notre Dame (title to be Helen Cameron, fellow in radiology; Morris L. Cooke, Philadelphia man-announced); Charles Kittel, Bell Tele-

# Meetings and Elections

The Texas Academy of Science elected the following officers at its The theme of the meeting was "Con- the sessions. servation of Natural Resources and of Population.' A quarterly publication, Texas Journal of Science, will be initiated by the Academy next month. The Collegiate and Junior Academies have a membership approaching that of the Senior Academy and each puts on a full program of its own.

The Biological Photographic Association's New York Chapter has elected Percy Brooks, head of the medical Illustration Department of London. Cornell University Medical School, chairman of its acting executive committee. Margaret Smith Frankow, of the Department of Dermatology, Columbia University, was elected secretary-treasurer of the group.

The Washington Academy

The British Association for the Advancement of Science will hold its annual meeting at Newcastle-upon-Tyne, August 31-September 7. Pre- 16. liminary programs will be available in early May, upon application to the secretary, David M. Lowe, BAAS, Burlington House, London W1.

The World Engineering Confer-Technical Congress in Cairo, March Friday morning and afternoon: 20-26. Three U.S. engineers who will present papers at the Congress are: versity, "Nuclear Magnetic Resonance W. H. Carson, dean of the School of in Studies of Solids''; E. Guth, Uni-Marian Abbott Boyd, clinical instruc- agement engineer and government con- phone Laboratory, "Recent Develop-

summer research program at the tor in medicine; Alice M. Anderson, sultant; and James S. Thompson, vice Jackson Hole Wildlife Park, Moran, Frances A. Harkins, Mildred R. Mit- chairman of the board, McGraw-Hill Book Company. Max Thornburg of the Engineers Joint Council Middle East Commission has also been invited to attend as a Council delegate.

> The Anthracite Conference, spon-December meeting in San Antonio, sored by the Anthracite Institute and Texas: president, J. Brian Eby; vice Lehigh University, Pennsylvania, will president, C. M. Pomerat; editor, J. be held at the University May 5-6. A. L. Baughman; president of the Con- Copeland Callen, head of Lehigh's deservation Council, J. G. Sinclair; sec- partment of mining engineering, is retary-treasurer, Gladys H. Baird. chairman of the committee planning

> > The International Union of Biological Sciences will hold a conference on "Development, Growth and Regeneration of the Nervous System' at the University of Chicago, March 21-25, under the chairmanship of Paul Weiss. Foreign scientists participating are J. Boeke, Utrecht; Holger Hyden, Stockholm; Rita Levi-Montalcini, Torino; Albert Stefanelli, Rome; Sydney Sunderland, Melbourne; and J. Z. Young,

The annual conference of the British Textile Institute will be held in Dublin, Ireland, May 24-27. Walter J. Hamburger, director of Fabric Research Laboratories, Inc., Boston, Massachusetts, will present a paper on "Industrial Applications of Stress-Strain Relationships."

The Midwest Power Conference, sponsored by the Illinois Institute of Technology, will be held at the Sherman Hotel, Chicago, April 18-20. Invitations are extended to those interested in the nation's power problems. Programs may be obtained from the conference secretary, Edwin R. Whitehead, Illinois Institute of Technology, 3300 Federal Street, Chicago,

The American Physical Society's Division of Solid State Physics will hold a symposium in Cleveland, March 10-12. The program will include the following invited papers to be presented on Thursday afternoon and

George E. Pake, Washington Uni-

bridge, England, "Brittle Fracture of parahydrogen conversion. Triaxial Stresses''; F. Seitz, C. I. T., "The Multiplication of Electrons in Crystals by High Electrostatic Field'; I. Esterman, C.I.T., "Resistivity of Germanium Samples at Liquid Helium Temperatures''; J. E. Goldman, Westinghouse Research Laboratories, "Influence of Atomic Order on Magnetic Properties''; Cyril S. Smith, University of Chicago, "Grain and Interphase Boundaries in Metals"; A. W. Lawson, University of Chicago, "New Techniques in High Pressure Research.,,

In addition, regular sessions of papers concerning the solid state will be held on Friday and Saturday.

## Unesco News

A Unesco Mission arrived in the Philippines early last month to study problems of civic information and education and to help in developing a program of adult and primary education. Floyd Reeves, specialist in educational administration on leave from the University of Chicago, will direct the work of the Mission, assisted by Paul Hanna, of Stanford University, and Dean Cliff A. Lewis, Ontario College of Education, To-The Philippine Government will meet part of the expenses of the mission, which will last about three months. This is the second contract of its kind concluded by Unesco with a member state. The first calls for a similar mission to Afghanistan.

The Unesco Courier, a monthly newspaper which is published in Paris and which reports global activities of the Organization, will soon be available to U.S. readers on a subscription basis. Orders may be placed with the Columbia University Press, New York City 27.

# Deaths

Ladislaw Farkas, 44, professor of arctic butterflies.

Townes Randolph Leigh, 68, dean emeritus of the College of Arts and Sciences and head of the Chemistry Department of the University of Florida, died in Gainesville on February Appointed acting vice president of the Unversity in 1934, Dr. Leigh became vice president in 1946 and, in 1948, was given the title of honorary vice president.

Bailey Willis, 91, professor emeritus of geology at Stanford University, logical Society of America, died in Palo Alto, California February 19. From 1884 to 1916, Dr. Willis had served with the U.S. Geological Survey. The second volume of his autobiography is in process of publication.

Phanerogamic Herbarium and asso-University of Iowa, died February 20.

Russell W. Porter, 77, artistastronomer who made the detailed sketches of the 200-inch Palomar telescope, died in Pasadena, California February 22. Dr. Porter accompanied Admiral Peary to the Arctic, and joined several other expeditions to Greenland, Baffin Land and Franz Josef Land.

Keith L. Maurer, 53, electrical engineer with the Bell Telephone Laboratories, died February 25 at his home in Rockville Centre, New York.

W. J. Conway, professor of chemistry at Fordham University, died February 28 in Teaneck, New Jersey.

ments in Ferromagnetism''; F. S. sity, Jerusalem, died December 31 in maintaining close contacts between Goucher, Bell Telephone Laboratory, an airplane crash while en route to all persons, in all nations, interested "Photoelectric Effects in PN Recti- the U.S. He was well known among in any aspects of the study of Lepifying Barriers''; R. Smoluchowski, physical chemists for his research in doptera. It now publishes a monthly Carnegie Institute of Technology, reaction kinetics and photochemistry, periodical, The Lepidopterists' News, "Recent Developments in Order-Dis- and especially for his fundamental which contains reviews of biological order Phenomena''; E. Orowan, Cam- investigations of the orthohydrogen- and taxonomic subjects, abstracts of recent papers on Lepidoptera from the world literature, and short communications from members. Research papers are excluded. The only condition for membership is payment of dues, which are \$2.00 for 1949. Each member receives a subscription to The Lepidopterists' News. tances may be sent to the editor, C. L. Remington, Osborn Zoological Laboratory, Yale Station, New Haven, Connecticut.

> A method for the quantitative deand former president of the Seismo- termination of phenol and cresol in complex biochemical samples by counter-current distribution has been developed by Army investigators at Camp Frederick, Maryland. counter-current distribution method, the basis of which is the partition of a soluble substance between two mu-W. A. Anderson, 49, curator of the tually immiscible phases, has been used in antibiotic and antimalarial ciate professor of botany at the State investigations, but has had only limited use in the field of analytical chemistry. The new application of the method is described in a report. "The Determination of Phenol and Cresol in Complex Biochemical Mixtures'' (PB 95891), which can be obtained from the Photoduplication Service, Library of Congress, Washington 25, D. C. The price is \$3.75 for photostat and \$2.00 for microfilm. Orders should be accompanied by check or money order payable to the Librarian of Congress.

Publication of "Pharmacological Reviews," a supplement to be included with the last issue of each of the three annual volumes of the Journal of Pharmacology and Experimental Therapeutics, will begin with the Journal's April issue. About 160 pages will be devoted to each issue of The Lepidopterists' Society is now the supplement, which will be edited by sponsoring or preparing to initiate Louis Goodman, with the assistance cooperative projects on phenology and of J. H. Comroe, C. A. Dragsted, H. butterfly migration and on a syste- A. Eagle, A. McG. Harvey, O. Krayer, matic-biological monograph of Ne- C. C. Pfeiffer, and M. L. Tainter. The society was The first issue will contain articles on physical chemistry at Hebrew Univer- formed in 1947 for the purpose of the anticholinesterases, drug-protein

ganglionic interactions. agents, adrenergic blocking agents, of the University of San Marcos is and salicylates. may be ordered from the Journal The Peruvian study is conducted in coseparately at the rate of \$2.00 each, ordination with the other projects of in advance, or by increasing the pay- the Cornell program, which is supment for the Journal subscription ported by the Carnegie Corporation. from \$15.00 to \$18.00 per year.

operation of tracked vehicles to cover the general problem of snow mechanics. Canada, and D. C. Pearce.

Motion pictures made with X-rays are being produced at the University of Washington Medical School with apparatus designed by Robert F. Rush- Recently Receivedmer, assistant professor of physiology. The subject is placed against a fluoroscope screen, which glows when struck by X-rays, and thus produces an image. Because X-rays would fog the camera film, the lens of the movie camera is faced away from the screen and the image is projected to the lens by a series of mirrors. The camera is protected by a lead shield. A speedy technique for processing the film makes it possible to show the movies the same day they are taken. Dr. Rushmer is working on a way to synchronize the X-ray current with the camera shutter so as to minimize the subject's exposure. The Seattle Orthopedic Hos- Intellectual abilities in the adolescent pital is using the X-ray movies to study the heart in action.

A study of Peruvian culture, part of Cornell University's broad program of cultural anthropology, was started last month under the direction of Allan Holmberg in Callejon de Huaylas, a mountain valley along the north coast of Peru. This region is undergoing a transition to modern industrialization and Dr. Holmberg will analyze the human and social problems

blocking involved. The Institute of Ethnology Education in Panama (Bull. 1948, The supplements collaborating with him in the work. Alexander Leighton has been working with American Indians in the South-The National Research Council of west and Lauriston Sharp has been in Canada is extending its wartime re- Siam since last summer. M. E. Opler search on snow problems related to the plans a research trip to India this fall.

The University of Illinois' College The Dominion spends at least \$20,- of Dentistry plans to offer a course of 000,000 every year in snow removal. six round table discussions on "Cur-Transport over snow also presents spe- rent Advances in Dentistry" this fall, cial difficulties and provision must be to be transmitted by telephone from made for the pressure exerted by ice coast to coast. Telephone connections against dams. Problems like these are from Chicago are made by ordinary under study by the Research Council's toll call to the various cities and loud Associate Committee on Soil and Snow speakers amplify the speeches in local Mechanics, which sponsored a recent meeting rooms. Lantern slides, brosurvey of snow centers in the western chures, and other material are fur-U. S. and Canada by Marcel de Quer- nished to the participating groups. vain, Swiss snow scientist on loan to The University's telephone extension courses were begun two years ago by Saul Levy, chairman of the program.

The Cavendish Laboratory, by Sir Lawrence Bragg. lecture to The Institute of Metals, delivered 16 September 1948.) venor Gardens, London, S.W.1, Washington, D. C. England.

The First World Health Assembly, Kramer. (Reprint No. 2894 from the Public Health Reports.) Washington 25, D. C.: Supt. of Documents, U. S. Government Printing Office. \$.10.

period: their growth and development, by David Segel. (Federal Security Agency Bull. 1948.)Washington 25, D. C.: Supt. of U. S. Government Documents, Printing Office. \$.15.

Liège, Belgium. 50 fr.

No. 12) and Education in Venezuela (Bull. 1948, No. 14) by Delia Goetz. Office of Education, Federal Security Agency bulletins. Washington 25, D. C.: Supt. of Documents, U. S. Government Printing Office. \$.25 and \$.30, respectively.

Report of Activities, April 1945-March 1948, and Summaries of Research prepared by the Board for Scientific and Industrial Research. Government of Palestine. Copies obtainable from the B.S.I.R., P.O. Box 607, Jerusalem at 3/.

Annual Reports for 1945-47 (Nos. 58-60) of the Marine Biological Station at Port Erin, Isle of Man, prepared by J. H. Orton. Liverpool, England: University Press.

British Marine Gas Turbines (the 13th Parsons Memorial Lecture) by T. W. F. Brown. North-East Coast Institution of Engineers and Shipbuilders, Bolbec Hall, Newcastle upon Tyne, England.

#### (19th Autumn Make Plans for—

14th North American Wild Life Published by the Institute, 4 Gros- Conference, March 7-9, Statler Hotel,

American Chemical Society, 115th by James A. Doull and Morton national meeting, March 28-April 1, San Francisco, California.

> American College of Physicians, 30th annual session, March 28-April 1, New York City.

American Orthopsychiatric Association, annual meeting, April 4-7, Stevens Hotel, Chicago.

Erratum: The International and Bulletin Scientifique de l'Associa- Fourth American Congress on Obtion des Ingénieurs Electriciens Sor- stetrics and Gynecology is scheduled tis de l'Institut Électrotechnique to take place May 14-19, 1950 in New Montefiore, January 1949, No. 1. York City rather than in 1949 as Siege Social, Rue Saint-Gilles, 31, originally reported in Science, (February 25, pg. 217).