

control of the European corn borer through diseases and predatory insects; detection and measurement of insecticide residues on crop plants and in meat and milk; life history and distribution of leafhoppers and other important insects; antibiotics in control of tree diseases; toxicity of fluorines and other chemicals to fishes; population control of fishes in streams and small lakes; hybridization in fishes; and population dynamics and diseases of upland birds, migratory waterfowl, and wild mammals.

The Illinois Natural History Survey will issue later this year an extensive report on its first century of research. Authors of the report are Harlow B. Mills, present chief of the survey, and heads of the several research sections. Mills is widely known as an authority on the Collembola.

## News Briefs

The Atomic Energy Commission has concluded on the basis of recent studies that there is little or no early economic promise for a small aqueous homogeneous nuclear power reactor similar to the demonstration reactor power plant proposed by the Wolverine Electric Cooperative of Big Rapids, Mich., and that it would therefore be in the best interests of the Government and of Wolverine to discontinue any further action with respect to the proposed project.

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The U.S. Public Health Service has announced the availability of a schedule of laboratory refresher training courses that are to be offered by the Laboratory Branch of the Communicable Disease Center during the period 15 September 1958 to 10 April 1959. Information and application blanks may be obtained from the Laboratory Branch, Communicable Disease Center, U.S. Public Health Service, P.O. Box 185, Chamblee, Ga.

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The Council for Old World Archaeology is now functioning. The council is an agency for service, not a learned society. Its immediate program is to publish for every part of the Old World a survey of current archeological activities and a current bibliography (selected and annotated). For information, write to the council at 11 Divinity Ave., Cambridge 38, Mass., U.S.A.

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The following chemicals are wanted by the National Registry of Rare Chemicals, Armour Research Foundation of Illinois Institute of Technology, 13 W. 33rd St., Chicago 16, Ill.: 5-fluoronicotinamide; chloramide; cyclobutane; 3',3'',5',5''-tetrabromophenolphthalein ethyl ester potassium salt; 1,1,1-trichloro-2-propanol (Isopral); 3-hydroxy-4-methoxy-

cinnamic acid (Isoferulic acid); 2,3'-bipyridine; 5,5-dimethylcyclopentadiene; 1,1,3-trimethyl urea; N,N,N-trimethylborazole; 2,2'-thiobis(4-chloro-6-methylphenol); 2-heptanol; 2,4,6,2'',4''-heptamethoxytriphenylcarbinol; nicotinaldehyde; 2-isocyanatopropane; 1-methylcyclobutene; tris(4-nitrophenyl)methane; N-(2-naphthyl)phosphoramidic acid; 6-hydroxy-2-methyl-4-pyrimidine ethanol; and  $\beta,\beta,\beta$ -trichloroborazole.

## New Journals

*Atompraxis*, vol. 2, No. 4 (international monthly publication for research in the practical applications of atomic energy). E. H. Graul, Ed. Braun, Karlsruhe, Germany. \$12.

*Curator*, vol. 1, No. 1, Jan. 1958. Edwin H. Colbert, Ed. American Museum of Natural History, New York 24. Quarterly. \$5.

*Daedalus*, Winter 1958. Philip Reiff, Ed. American Academy of Arts and Sciences, Boston 46. Quarterly. \$6.50.

*Electronics Express*, vol. 1, No. 0 (pre-publication sample issue. First issue due 1 Apr.). International Physical Index, Inc., New York 35. 10 issues per year. \$57.50.

*Haematologica*, vol. 1, No. 1, 1957. J. Aleksandrowica, Ed. III Klinika Chorób Wewnętrznych, Akademii Medycznej, Kraków 17, Poland.

*Journal of the All India Institute of Mental Health*, vol. 1, No. 1, Jan. 1958. M. V. Govindaswamy, Ed. All-Indian Institute of Mental Health, Bangalore 2, India. Biannual. Rs. 12.

*Journal of the Malacological Society of Australia*, No. 1, Sept. 1957. Malacological Society of Australia, Melbourne, Australia.

*New Zealand Journal of Agricultural Research*, vol. 1, No. 1, Feb. 1958. M. A. Black, Ed. New Zealand Department of Scientific and Industrial Research, Box 8018, Wellington, N.Z. Bimonthly. 30s.

## Radiation Research Conference

The first International Congress of Radiation Research will be held at the University of Vermont in Burlington, 10-16 August, under the joint sponsorship of the National Academy of Sciences-National Research Council and the Radiation Research Society in co-operation with the European Committee on Radiobiology. Two aspects of the congress are of special interest: there will be unusual representation in that an estimated 90 percent of the world's leading specialists in radiation research will participate, and the scope of the conference will be exceptionally broad. Some 325 contributed papers will range

in subject matter from general physics and information theory to the latest data on radiation effects in humans. In addition, 35 international authorities will discuss particular areas of investigation in a series of seven symposia scheduled concurrently with the sessions of contributed papers.

Among the speakers from abroad are: F. S. Dainton, University of Leeds; L. A. Stocken, Oxford University; L. Ehrenberg, University of Stockholm; R. H. Mole, Harwell, England; P. A. Giguere, Laval University, Quebec; J. Weiss, King's College, Newcastle; M. Magat, University of Paris; A. Comfort, University College, London; A. C. Stevenson, Queen's University of Belfast; A. P. James, A. E. Canada, Chalk River; J. A. V. Butler, Chester Beatty Institute, London; R. Latarjet, Inst. du Radium, Paris; G. Porter, University of Sheffield; and K. G. Zimmer, University of Heidelberg.

## Scientists in the News

The board of directors of City Trusts, Philadelphia, has selected three British and two American scientists as winners of the 1958 John Scott awards for useful inventions. Recipients of the \$1000 awards were BASIL A. ADAMS of Glamorganshire and ERIC HOLMES of Essex, England, chemists; A. J. P. MARTIN, biochemist at the National Institute of Medical Research in London; WISE BURROUGHS, professor of beef cattle production at Iowa State College; and RENATO DULBECCO, biochemist and professor at California Institute of Technology.

This year's honorary degree recipients include the following:

GERTRUDE M. COX, director of the Institute of Statistics, Consolidated University of North Carolina, and GEORGE W. SNEDECOR, visiting professor in the Institute of Statistics at North Carolina State College, from Iowa State College.

GRAHAM DUSHANE, editor of *Science*, from Wabash College.

CLIFFORD C. GREGG, director of the Chicago Natural History Museum, and RALPH E. DURY, director of the Cincinnati Museum of Natural History, from the University of Cincinnati.

SOLOMON C. HOLLISTER, dean of the engineering department at Cornell University, from Lehigh University.

ELMER HUTCHISSON, director of the American Institute of Physics, and NORMAN TAYLOR, retired curator of the Brooklyn Botanic Garden, from Washington College, Chestertown, Md.

LEONARD G. ROWNTREE, former chief of the division of medicine and

director of clinical research at the Mayo Clinic, from the University of Miami.

MARSH W. WHITE, professor of physics at Pennsylvania State University, from Park College, Parkville, Mo.

SIGURD HANSEN, state geologist of Denmark and a specialist in Pleistocene history, and RICHARD J. LOUGEE, professor of geomorphology at Clark University, will do field work in the United States and Canada during July and August on problems of trans-Atlantic Ice Age correlation. The program is sponsored jointly by the Danish Geological Survey and Clark University.

WILLIAM A. FEDER, plant pathologist, Agricultural Research Service, U.S. Department of Agriculture, Orlando, Fla., will be on leave at the Polytechnic Institute, London, England, beginning 10 September. He has received a senior postdoctoral fellowship to conduct research with C. L. Duddington in a study of certain nematode-inhabiting fungi.

JOHN E. CHRISTIAN, professor of pharmaceutical chemistry at the School of Pharmacy of Purdue University, has received the Rho Chi Citation Award in recognition of his many contributions in the field of pharmaceutical research.

WILLIAM A. POEL, research associate and head of the experimental carcinogenesis laboratory of the department of occupational health, Graduate School of Public Health, University of Pittsburgh, has been granted a year's leave of absence for advanced studies in animal pathology at the Roscoe B. Jackson Memorial Laboratory. The study is supported by a special fellowship of the National Cancer Institute, the first such to be awarded.

MORRIS ZIFF, formerly associate professor of medicine at New York University's College of Medicine, is head of the new arthritis unit at the University of Texas Southwestern Medical School in Dallas. Ziff is well known for work on the rheumatoid factor, a substance found in the blood of people suffering from rheumatoid arthritis.

MORRIS S. VITELES, professor of psychology at the University of Pennsylvania, was elected president of the International Association of Applied Psychology at a recent meeting of the association in Rome. Viteles is the first American to be elected to this office during the approximately 40 years of the association's history.

JOSEPH V. SWINTOSKY, a group leader in the pharmaceutical research section of Smith, Kline and French

Laboratories, was awarded the Ebert Prize at the recent meeting of the American Pharmaceutical Association in Los Angeles, Calif. He was honored as author of the scientific paper that represented the best original research reported in any of the journals of the American Pharmaceutical Association during the preceding year. Swintosky's prize-winning research concerned sulfaethylthiadiazole.

WILLARD GAEDDERT, assistant professor of science at Mankato State College, Mankato, Minn., has been named professor of physics and chairman of the department at Park College, Parkville, Mo. He succeeds LAURENCE R. McANENY, who resigned to accept a position with Southern Illinois University in Alton, Ill.

DANIEL S. MARTIN, formerly with the department of surgery at the College of Physicians and Surgeons, Columbia University, has been appointed associate professor of surgery and director of the Surgical Research Laboratories at the School of Medicine, University of Miami.

W. A. PULVER has been named chief engineer of the Georgia Division of the Lockheed Aircraft Corporation. He succeeds R. W. MIDDLEWOOD, who has been named director of the newly formed Georgia Nuclear Laboratories. Pulver, who has been assistant chief engineer of the Georgia Division, joined Lockheed in 1936 at the Burbank facilities.

RICHARD S. MORSE, president of the National Research Corporation of Cambridge, Mass., is the new chairman of the Army Scientific Advisory Panel. He succeeds FREDERICK L. HOVDE, president of Purdue University. The panel is composed of 57 scientists, engineers, educators, and industrialists.

### Recent Deaths

JACOB AUSLANDER, New York, N.Y.; 61; practicing physician and chief of the arthritis clinic at Sydenham Hospital; known for his work for broad social security and medical insurance coverage.

SAMUEL G. BARTON, Philadelphia, Pa.; 76; former associate professor of astronomy at the University of Pennsylvania and retired director of its Flower Observatory; specialist in the observation of double stars; 2 June.

TOWNSEND CROMWELL, Guadalajara, Mexico; physical oceanographer and senior scientist with the Inter-American Tropical Tuna Commission, San Diego, Calif.; research as-

sociate at the University of California's Scripps Institution of Oceanography; 2 June.

LEONARD R. INGERSOLL, Madison, Wis.; 77; emeritus professor of physics at the University of Wisconsin; specialist in optics and light; inventor of a Glarimeter for measuring the gloss of paper; 25 Apr.

ARTHUR KIRSCHBAUM, Houston, Tex.; 47; chairman of the department of anatomy at the Baylor University College of Medicine and cancer researcher; formerly taught at the University of Illinois, the University of Minnesota, and Yale University; 28 May.

BENZION LIBER, New York, N. Y.; 83; psychiatrist with the New York City Department of Welfare, emeritus professor of psychiatry at New York Polyclinic Medical School, and a director of the mental Hygiene Clinic of New York Polyclinic Hospital; author of several books, including *Your Mental Health*; 6 June.

JOHN M. NICKELSEN, Monroe, Mich.; 66; emeritus professor of mechanical engineering at the University of Michigan; chief consulting engineer for the Monroe Auto Equipment Co.; 3 June.

BERNARD S. OPPENHEIMER, New York, N.Y.; 81; cardiologist and emeritus clinical professor of medicine at the College of Physicians and Surgeons of Columbia University; 10 June.

ROBERT F. POOLE, Anderson, S.C.; 64; president of Clemson College for 18 years; former professor of plant pathology at North Carolina State College; 6 June.

HENRY W. SCHLENKER, Elizabeth, N.J.; 44; head of the analytical section of Reichhold Chemical, Inc.; 5 June.

BELL M. SHIMADA, Guadalajara, Mexico; fisheries biologist and senior scientist with the Inter-American Tropical Tuna Commission, San Diego, Calif.; research associate at the University of California's Scripps Institution of Oceanography; 2 June.

DAVID A. TUCKER, Cincinnati, Ohio; 67; medical historian and assistant to the dean of the College of Medicine of the University of Cincinnati; president of the Ohio Academy of Medical History, 1954-55; president of the Cincinnati Academy of Medicine, 1945-46; chairman of the admissions committee of the Cincinnati Medical School for more than 20 years; 3 June.

ALEXANDER N. WINCHELL, New Haven, Conn.; 84; mineralogist and petrologist; member of the faculty of the University of Wisconsin, 1907-44; visiting professor of mineralogy at the University of Virginia, 1948-49, and at Columbia University, 1949-50; 8 June.