culture found there by Martin Frobisher, the 16th-century explorer, who found the Baffin Island Eskimo already using iron.

The 131-year-old New York Academy of Sciences recently opened a campaign for a $1,000,000 fund to finance the construction and maintenance of a permanent Academy building and science center in New York City. According to its president, Harden F. Taylor, the organization's present accommodations in the American Museum of Natural History are inadequate for its conference and publication activities. In the last 11 years, membership in the Academy has grown from 324 to 4,000. The organization plans to spend $500,000 to purchase and recondition a centrally located building and $500,000 to expand its program into the fields of astrophysics, mathematics, experimental medicine, and public health.

"Suggestions for Science Teachers in Devastated Countries," an illustrated booklet recently published by UNESCO, is now being distributed free to schools in Greece, Poland, Czechoslovakia, Austria, Hungary, Italy, China, and the Philippines. Its author, who is science master at the City of London School and member of the Royal Society Committee for Cooperation with UNESCO, explains how science teaching can be begun without apparatus and then how equipment for experiments in astronomy, meteorol- ogy, measurement, heat, light, magnetism, electricity, chemistry, and biology can be improvised from easily obtainable materials. In the introduction the author emphasizes that the improvisations should not be considered makeshifts, but that they and their construction are in the best tradition of science and science teaching. Several useful sections are included on laboratory directions, charts, and logarithm tables, and mention is made of the use of visual aids in science teaching and recently developed laboratory materials. The most outstanding feature of the booklet, however, is the great number of concise diagrams accompanying the text. It has been suggested by UNESCO that teachers in more fortunate countries may find the booklet useful for extending the scope of classes at little cost.

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A lead chloride crystal measuring 2.5 x 4 cm, believed to be the largest ever grown, has been produced by Joseph M. Ashcroft and A. Smakula at the Engineer Research and Development Laboratories, Fort Belvoir, Virginia. This was done by lowering a melt of purified commercial lead chloride crystals in a glass crucible through a temperature gradient, in a specially designed furnace, at the rate of only 1 cm/day. This procedure was necessary to grow a single crystal instead of a mass of small crystals. The crystal will be subjected to optical and other physical tests impossible with the minute crystals available commercially.

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Symposium on the Pathogenesis and Pathology of Viral Infections, December 14–15, New York Academy of Medicine, 2 East 103rd Street, New York City.


National Science Teachers Association, December 27–30, Washington, D. C.

7th Pacific Science Congress, February 2–8, Auckland New Zealand; February 16–22, Christchurch.

Recently Received:

Collected papers of the Institute of Medical and Veterinary Science, Adelaide, South Australia, 1944–47, Vol. 3.


Statlab Review, a publication of the Statistical Laboratory, Iowa State College, Ames.


An analysis of the real cost of TVA power, by C. J. Green. Published by the Natural Resources Department, U. S. Chamber of Commerce, Washington 6, D. C.


SCIENCE, December 3, 1948, Vol. 108
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