

istered by 113 different colleges and universities, located in 38 states. The awards are based on academic attainment, and most of the awards go to senior students who stand highest in their class for the first 3 years of college work.

Scott's Polar Rations

The Atomic Energy Commission plans to examine canned food that was taken to Antarctica in 1910 by the British explorer Capt. Robert F. Scott. Investigators will measure the background radiation in Capt. Scott's rations to see whether it is appreciably less than that of comparable foods today. The cans, which were stored at the British camp on Cape Evans in McMurdo Sound, were brought to this country by Sidney A. Schwartz, a physiologist who has been serving with the U.S. Navy in Antarctica.

The food is being tested with the permission of the British Government. Some of the rations have been turned over to Great Britain's Tin Research Institute at Greenford, where Peter Scott, son of the British explorer, recently tested samples and found them to be in excellent condition.

If Captain Scott had reached these few cans of food on his return march from the South Pole in 1912, he might have survived. As it was, he and two companions died of starvation and cold within 11 miles of a well-stocked depot.

Industry Sponsors \$10-Million Thermonuclear Research Program

The Texas Atomic Energy Research Foundation has announced the signing of a contract with General Atomic Division of General Dynamics Corporation for a 4-year, \$10-million jointly sponsored research program in the field of controlled thermonuclear reactions. The private electric utility companies operating in Texas recently organized the foundation to consolidate and make more effective their participation in the development of atomic energy in the United States.

The thermonuclear research will be carried out at General Atomic's new John Jay Hopkins Laboratory for Pure and Applied Science, San Diego, Calif. Research work is already under way. The staff of the laboratory now includes more than 150 scientists, engineers, and technicians.

The aim of the research program is an understanding of heavy hydrogen reactions at high temperatures under controlled conditions. In such fusion reactions large amounts of energy are released. The ultimate goal of controlled fusion research is to develop a system in which more energy is created than is

consumed in achieving control of the reaction.

This first large-scale private program, in common with those now being undertaken by the U.S. Atomic Energy Commission, aims first to demonstrate controlled thermonuclear energy conditions without immediate prospects for economical energy production from this source. If, ultimately, the latter can be achieved, there is promise of an almost unlimited energy source because of the great quantities of heavy hydrogen (deuterium) in the sea.

Indian Scholarships for Foreign Students

To promote cultural relations between India and foreign countries, the Government of India will award 140 scholarships to non-Indian students and students of Indian origin permanently domiciled in 50 foreign countries. The scholarships will be available for higher studies in India under the General Cultural Scholarships Scheme, 1958-59.

The awards will be made for studies in arts and humanities, sciences, agriculture, medicine, technology, education, law, commerce, forestry, veterinary science, engineering, and so forth, subject to the availability of seats in the various institutions in India. Preference will be given to postgraduate students. Recipients will be encouraged to learn at least one of the Indian languages, particularly Hindi.

The stipend has been set at 200 rupees per month. Students must pay their own travel expenses.

Applications for these scholarships are being invited by Indian Government representatives abroad, and scholarships will be awarded on their recommendations. All applications should, therefore, be made to appropriate authorities.

Zoological Nomenclature

The International Commission on Zoological Nomenclature has announced that, beginning 28 Dec., it will start voting on the following cases involving the possible use of its plenary powers for the purposes specified against each entry. Full details of these cases were published on 28 June in the *Bulletin of Zoological Nomenclature* (vol. 13, parts 6 and 7): (i) *musculus* Linnaeus, 1758 (*Turdus*), suppression; *iliacus* Linnaeus, 1758 (*Turdus*), validation of neotype for (Cl. Aves); (ii) *Oeobia* Hubner, [1825], and emendation *Oebia*, suppression (Cl. Insecta, Order Lepidoptera); (iii) *Indiana* Matthew, 1902, designation of type species for (Cl. Crustacea, Order Ostracoda); (iv) *Globigerinidae* Carpenter,

Parker and Jones, 1862, to be given precedence over *Orbulinidae* Schultze, 1854 (Cl. Rhizopoda, Order Foraminifera); (v) *Labeceras* Spath, 1925, designation of type species for (Cl. Cephalopoda, Order Ammonoidea); (vi) *Calycoceras* Hyatt, 1900, designation of type species for (Cl. Cephalopoda, Order Ammonoidea); (vii) *Hoplitoplacentoceras*, validation of, as from Paulcke, 1906, with *Hoplites plasticus* Paulcke, 1906, as type species (Cl. Cephalopoda, Order Ammonoidea); (viii) *Kotoceras* Kobayashi, 1934 (Order Nautiloidea) and *Damesites* Matsumoto, 1942 (Order Ammonoidea), validation (Cl. Cephalopoda).

Proposals are also made for the adoption of *Declarations*: (i) clarifying the provisions of the "Code of Ethics," the procedure to be adopted when a specific name is published in an abbreviated form, and the status of names published in works written in Latin; (ii) determining the gender to be attributed to generic names with the terminations "-ides," "-ites" and "-oides." Comments should be sent as soon as possible in duplicate to the secretary to the commission, Francis Hemming, 28 Park Village East, Regent's Park, London, N.W.1.

Congo Apes Get Live Poliovirus

Strains of the live type of antipoliomyelitis vaccine from the United States are being tried out on a colony of captive chimpanzees in Lindi, 70 miles west of Stanleyville, Belgian Congo. The new project is being sponsored by the Medical Department of the Belgian Congo and Hilary Koprowski of the Wistar Institute, Philadelphia, Pa.

All chimpanzees in the colony are vaccinated with a living, nonvirulent type of one or more strains of the three types of poliomyelitis. About 2 or 3 months later the animals are inoculated with a virulent type of virus. Using graduated doses of the vaccine, the researchers are able to record both reactions and the minimum amount of vaccine necessary for immunity.

Meanwhile, the Health Department of the Congo is investigating the incidence of the disease among isolated indigenous tribesmen. Officials say that poliomyelitis is not a disease of civilization, as usually stated.

NSF Research Proposals

The Division of Biological and Medical Sciences of the National Science Foundation has announced that the next closing date for receipt of research proposals in the life sciences is 15 Sept. Proposals received before that date will be reviewed at the fall meetings of the