

GENERAL SCIENCE

Future Leaders in Science

Eight girls and 32 boys have been invited for an all-expense visit to Washington to compete in the finals for scholarships totaling \$11,000.

► FORTY future leaders in American science—eight girls and 32 boys—have been invited for a five-day, all-expense visit to Washington. While at the annual Science Talent Institute, they will undergo final selection for the Westinghouse Science Scholarships in the Seventh Annual Science Talent Search conducted by Science Clubs of America, administered by Science Service.

The 40 trip-winners were chosen by a panel of judges after a nation-wide competition in which top-ranking seniors in all the public, parochial and private high schools in the continental United States were invited to participate. Entrants, representing every state in the Union, totaled 16,412, of whom 3,161 completed the stiff science aptitude examination, submitted recommendations and scholarship records and wrote an essay on "My Scientific Project."

At the end of their five-day stay in Washington, Feb. 27 through March 2, the judges will announce the winners of the scholarships. One girl and one boy will each receive a \$2,400 Westinghouse Grand Science Scholarship (\$600 a year for four years). Each of eight additional winners will get a \$400 Westinghouse Science Scholarship (\$100 a year for four years). In addition, \$3,000 in Westinghouse Science Scholarships will be awarded at the discretion of the judges.

Have Choice of Schools

Winners of these scholarship awards may enter any college, university or technical school of their choice.

Chosen without regard to geographic distribution, the 40 trip-winners come from 30 localities in 16 states. One state, South Dakota, this year sends a winner to Washington for the first time. This brings to 35 the total of states that have been represented by winners.

Five high schools in the United States have produced more than one winner each this year. Five of the boys will come from New York City: three from Stuyvesant High School and two from the Bronx High School of Science. Forest Hills (N. Y.) High School will send two girls and one boy, and Lincoln High School in Canton, Ohio, will send one

girl and one boy. There will be two boys from the Public Latin School in Boston.

A number of high schools throughout the country represented in this year's list of Science Talent Search winners have produced one or more winners in previous competitions. There have been nine from the Bronx High School of Science, and five from Stuyvesant High School. There have been three each from Herbert Hoover High School at Glendale, Calif., West High School at Madison, Wis., and Forest Hills (N. Y.) High School; two each from Alexander Hamilton High School at Los Angeles, Evans-ton Township (Ill.) High School and Oak Park Township (Ill.) High School, and one each from Midwood High School at Brooklyn, N. Y., and Sewanhaka High School at Floral Park, N. Y.

All of the winners live at home and attend their local or nearby public, parochial or private high schools.

High Standing in Class

Half of the Science Talent Search trip winners rank first, second or third in their graduating classes, which range in size from 31 to 750 students. Approximately 62% of the winners' fathers and 52% of their mothers attended colleges.

These trip-winning students are not in the "greasy grind" category; most of them have a wide variety of outside activities. At least eight are presidents or other officers in science clubs affiliated with Science Clubs of America.

Many of the fortunate 40 have already chosen the lines of study and research they wish to pursue. Theoretical physics attracts 12; two hope to enter medicine; nine intend to take up chemistry, either for research or for engineering applications; four want to go into biochemistry. Others indicate interest in mathematics, astronomy, engineering, genetics and biology.

Judges of the Science Talent Search are: Dr. Harlow Shapley, Director of the Harvard College Observatory and president of Science Service; Dr. Harold A. Edgerton and Dr. Stuart Henderson Britt, psychologists of New York City, and Dr. Rex E. Buxton, psychiatrist of Washington D. C. Drs. Edgerton and

Britt design the Science Aptitude Examination each year for the Science Talent Search.

In addition to the 40 trip-winners who will attend the Science Talent Institute in Washington, an Honorable Mentions list of 260 in the Seventh Annual Science Talent Search will be announced. These high-ranking contestants will be recommended to colleges and universities for their science aptitude. If they are as fortunate as those previously included in the Honorable Mentions list, they will receive offers of scholarships from many institutions of higher education.

Activities of Past Winners

Most of the winners in the six Science Talent Searches held since 1942 are now students in colleges and universities where they are preparing themselves for scientific careers. Many have already completed the four-year course leading to the bachelor's degree, and six will soon become Ph.D.'s. A few are already engaged in full-time jobs in industry or on university teaching or research staffs. None of the 240 previous winners is more than 24 years old.

Scholarships are provided and the Science Talent Search made financially possible by the Westinghouse Educational Foundation, an organization endowed by the Westinghouse Electric Corporation, for the purpose of promoting education and science.

Through an arrangement with the State Academies of Science, 11 states are conducting state Science Talent Searches concurrently with the national competition. In these 11 states all entries in the national Science Talent Search will be turned over to state judging committees. From their entries they will choose state winners and award scholarships to various colleges and universities. Cooperating states are: Alabama, Georgia, Illinois, Indiana, Iowa, Louisiana, Minnesota, Montana, Pennsylvania, Tennessee and Virginia.

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ARCHAEOLOGY

African Expedition Finds Fossils of Late Stone Age

► POLISHED stone implements of Late Stone Age men, together with fossil animals, have been found by the Egyptian party of the University of California African Expedition along the shores of a now-dry Neolithic lake.

The finding, made by Dr. S. A. Hu-zayyin, archaeologist of Farouk I University and a member of the expedition