

### GIFTS AND BEQUESTS TO AMERICAN COLLEGES AND UNIVERSITIES

GIFTS and bequests to a selected list of 52 American colleges and universities fell off four per cent. in the fiscal year ending last June 30 as compared with the previous year, according to the annual study of educational finance made by The John Price Jones Corporation, fund-raising consultants. The total amount was \$42,424,669 as compared with \$44,235,986 reported for the year ending June 30, 1938—an average loss of \$34,833 per institution.

This decline is less than the \$4,742,548 drop recorded for 1937-38 and indicates a slowing up in the decline from the recent peak of \$48,978,534 recorded for the year ending June 30, 1937.

The peak for the past 19 years covered by the report occurred in 1929-30 with gifts and bequests of \$88,930,569; the low point came in 1933-34 with a total amount of \$23,451,420. For the entire period the 52 institutions received a total of \$909,243,982 in gifts and bequests.

The study showed that in the fiscal year 1938-39 gifts declined \$3,914,662 while bequests gained \$2,103,345. As in former years bequests again acted as a stabilizing influence. Of the four institutions which, in recent years, have received the largest gifts—Harvard, Yale, Chicago and Columbia—only Harvard failed to show a substantial gain in bequests, its bequests having dropped off nearly \$1,000,000 from the previous year.

The drop in gifts was partly attributable to declines at the University of Chicago and Columbia University—\$5,728,607 and \$734,279, respectively.

Northwestern University with gifts and bequests of \$7,462,178 for 1938-39 led all colleges and universities; Harvard was second with \$4,424,830, and Yale third with \$4,209,487. The University of Texas was fourth with \$2,233,491 and Western Reserve fifth with \$2,030,657.

For the first time since 1935-36 gifts to the nine women's colleges showed an increase—\$12,842. Bequests to these colleges also increased by \$251,402.

The report also compares giving to the selected institutions in times of prosperity and in times of depression. The annual average of gifts and bequests in the five years ending 1925-29 was \$56,976,454, while the corresponding figure for the five years ending in 1935-39 was \$41,848,403 or a drop of 27 per cent. Similar averages for the four wealthiest institutions (Harvard, Yale, Chicago and Columbia) are, respectively, \$26,404,456 and \$18,233,407 or a drop of 31 per cent. Thus the wealthier universities suffered proportionately more than did the other institutions in times of depression.

### THE CATSKILL MEETING OF THE NEW YORK STATE GEOLOGICAL ASSOCIATION

AN attendance of three hundred is expected at the sixteenth annual meeting of the New York State Geological Association, to be held this year in Catskill, New York, on Friday and Saturday, April 26 and 27. The two days will be given to field trips in this region, which is of unusual geological richness. There will be a dinner, talks on local geology and a social gathering on Friday evening.

The Catskill region includes strata of Lower Cambrian, Lower Ordovician and Upper Silurian to Upper Devonian ages, separated by a great unconformity (Taconic revolution), and varying from flat-lying in the Catskill Mountains through the well-known "miniature Appalachian" folds at their foot to isoclinally compressed and partly metamorphosed east of the Hudson. The lower portion of the succession is marine and mostly highly fossiliferous; the upper part is the continental "redbeds" series of the great Catskill delta (Old Red Sandstone), with the Gilboa forest trees, rarely fishes and freshwater clams.

Three peneplains, noted stream piracy, glaciation and the post-glacial Lake Albany clays and deltas, with a variety of physiographic types, and in addition the cement, flagstone, brick industries and old iron mines, all are enhanced by the beauty of the scenery.

The officers are George Halcott Chadwick, *president*, and Robert Weeks Jones, *secretary-treasurer*. The headquarters and mail address will be the modern Catskill Junior-Senior High School Building, which has been opened to the association through the courtesy of the Board of Education and Dr. Maurice S. Hammond, superintendent of the Catskill schools. The citizens of Catskill are sponsoring the meeting through the Catskill Chamber of Commerce, the Board of Trustees, the Rotary Club and the Firemen's Association.

### THE LEDYARD FELLOWSHIP AWARDS OF THE NEW YORK HOSPITAL

THE first awards under the Lewis Cass Ledyard, Jr., fellowship, "for original medical research of high order," have been made to Dr. Willis Fiske Evans, of Richmond, Va., and Dr. Charles O. Warren, Jr., of Boston, according to an announcement made by Henry S. Sturgis, treasurer of the New York Hospital.

The fellowship was established last year by Mrs. Ruth E. Ledyard in memory of her husband, a governor of the hospital. Inasmuch as no appointment was made at that time, the present awards are for both 1939 and 1940.

Dr. Evans, whose fellowship provides for a study of the peripheral blood flow, attended Randolph-Macon College and the Medical College of Virginia. He was

an instructor in pathology at the Medical School of the University of Virginia, and currently is conducting research in cardiology at the Cornell University Medical College.

Dr. Warren, who will continue research under the award in the physiology of the bone marrow, attended Cornell University and the Medical College, and received a doctorate of philosophy from New York University. He is now an instructor in physiology at the Cornell University Medical College, and is the recipient of a grant in aid of research from the Committee on Scientific Research of the American Medical Association.

Under the terms of the annual award, approximately \$4,000 will be provided for the research of each fellow, chosen from applicants from all parts of the country. The fund was established to aid research "in the fields of medicine and surgery, or any closely related field."

#### THE TWELFTH ANNUAL SCIENCE FAIR OF THE AMERICAN INSTITUTE

MORE than 375 exhibits, built entirely by students and bearing on many aspects of science, will be presented at the twelfth annual Science and Engineering Fair under the auspices of The American Institute Science and Engineering Clubs to be held at the Hall of Education of the American Museum of Natural History, New York City. The exhibit will open on Sunday, April 14, at 1 P.M. and will continue through April 20.

The American Institute Science and Engineering Clubs is an association of many hundreds of science clubs formed in junior and senior high schools, junior chambers of commerce, junior academies of science, settlement houses, Boy and Girl Scouts and independent scientific bodies. Annually an exhibition is held at which the public may view projects completed during the past year. These are judged by committees comprised of well-known scientific men, educators and laymen. Prizes amounting in all to \$3,000 will be awarded with the stipulation that the monetary awards must be spent in the furtherance of scientific work.

Everything from the "Life of Prehistoric Man" to "Chemistry for Beauty," from "Movements of the Earth" to "Weather Forecasting" and from "Heat" to "Atom Smashing" will be on display. Many of these exhibits are working models which the spectators may operate by pressing a button. Experiments with animals and plants are well represented. Some of the exhibits come from as far west as Colorado. They are about equally divided between individual and group projects.

Many local fairs are held during the year at the Science Centers of the American Institute throughout the country, and the best of these exhibits are selected

for display at this national fair. Prize-winning exhibits will be displayed at The American Institute Students' Science Laboratory at the World's Fair.

#### MEETINGS OF THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

THE spring meeting of the American Society of Mechanical Engineers will be held at the Hotel Bancroft, Worcester, Mass., from May 1 to 3. The Honorable William A. Bennett, mayor of Worcester, and Admiral Wat Tyler Cluverius, president of the Worcester Polytechnic Institute, will greet the visitors officially at a general luncheon to be held at the hotel. President Warren H. McBryde will respond on behalf of the society and its 15,000 members.

The guest speaker at the luncheon will be Dr. John F. Tinsley, president of Associated Industries of Massachusetts and president and general manager of Crompton and Knowles Loom Works. At the formal banquet on Thursday evening a speech entitled "The Progress Report of an Amateur Economist" will be given by Ralph E. Flanders, president of Jones and Lamson Machine Company and a past president of the society.

Visiting engineers and executives will be given an opportunity to inspect the work of mechanical engineers in and about Worcester by means of visits to the principal plants. Fourteen simultaneous technical sessions are included in the program. Twenty-seven papers will cover the subjects of management, steam power, process industries, machine-shop practice, fuels, boiler feedwater, hydraulics, iron and steel, heat transfer and materials handling.

The semi-annual meeting of the society will be held in Milwaukee from June 17 to 20, with headquarters at the Hotel Pfister. Supplementing the engineering papers there will be inspection trips to manufacturing plants in the vicinity of Milwaukee. The city is particularly noted for the development of heavy machinery.

It is planned to have one or more sessions on each of the following subjects: fuels, heat transfer, flow of water, hydraulic equipment, machine-shop practice, management, steam turbines, power plants and steam power. There will also be a symposium on steam-locomotive valves and valve mechanism. The chairman of the Aeronautic Division, Charles H. Dolan, has arranged for technical papers on turbulence and energy dissipation, the hard-facing of metal surfaces, tool and die milling, power-plant heat insulation and experience with metals at high temperatures.

The General Committee is making arrangements to provide visitors with facilities for golf, tennis, swimming, sailing and other recreational activities. There will be luncheons, dinners and a formal banquet.