

of exceptional creative ability in any field of human interest and activity. Nominations for the scholarship may be made to the registrar of the university by superintendents or principals of schools, by teachers, or by any one else.

UNIVERSITY AND EDUCATIONAL NEWS

YALE UNIVERSITY has received gifts and pledges for the \$2,000,000 additional endowment required to meet the terms of the conditional offer of \$3,000,000 made at commencement in 1920 by "an anonymous friend of the university." No definite statement has been made of the manner in which the endowment will be used, but it is said that the Sterling bequest of \$18,000,000 and the Harkness gift of about \$6,000,000 had bestowed upon the university building facilities without provision for professorships, for which additional endowment is urgently needed.

APPRAISAL of the estate of the late William F. Armstrong, of New York, shows that he left property valued at \$1,822,192. Public bequests exceeding \$1,000,000, include a bequest of \$100,000 and the residuary estate, amounting to \$726,786, to Wesleyan University.

DR. GEORGE W. PIERCE has been appointed as Rumford professor of physics at Harvard University, to succeed Dr. Edwin H. Hall, who has retired from active teaching, and Dr. Theodore Lyman has been appointed Hollis professor of mathematics and natural philosophy, the chair successively held by the late Benjamin Peirce and Wallace C. Sabine.

ADDITIONS have been made to the senior staff in chemistry at the University of Illinois as follows: Drs. H. A. Neville, and C. D. Hurd, of Princeton; Dr. Edith H. Nason, of Yale; and Dr. T. E. Phipps, of California, in the division of inorganic chemistry; Dr. B. L. Souther, of Harvard, in the division of organic chemistry; Dr. G. F. Smith, of the University of Michigan, in the division of analytical chemistry; Dr. E. K. Carver, of Harvard, in the division of physical chem-

istry; Dr. M. J. Bradley, of Illinois, in the division of industrial chemistry, and Dr. R. E. Greenfield, of Illinois, in the division of sanitary chemistry and water analysis.

JULIAN D. CORRINGTON has resigned the position of curator in the department of zoology of Cornell University, to accept the appointment of associate professor of biology in the University of South Carolina, Columbia, S. C.

DISCUSSION AND CORRESPONDENCE

GRAND AURORA OF SEPTEMBER 1-2, 1921 (AT SILVER LAKE, N. H., LAT. 43.9° N.)

AN unusual aurora was seen at Silver Lake, N. H. (lat. 43.9° N.), on the night of September 1-2, 1921. Auroral glow was first noted at about 8 P.M. (75th mer. time). At 9 it was a bright arch with some streamers, and at 9:30 stretched from about NW. to NE., was double and locally knotty, and from time to time showed some motion when faint streamers reached up to a height of 30° above or down to the horizon under the general arch. Towards 10 the lights seemed to be getting fainter. At 2 A.M. I was awakened to see the sky filled with enormous flashing curtains. The whole family turned out onto the lake. No lights were needed and the pulsations were sufficient to be readily apparent in the house without looking at the sky. Viewed from the calm, "streaming" lake the sky was magnificent. Great folds of perhaps a dozen whitish curtains covered the sky except for a segment about 15° high in the south. Here and there a reddish tinge showed at the base of brighter folds. Waves of light rapidly traversed the sky upwards to the magnetic zenith, where some of the filmy curtains met in solid light traversed with beautiful curved lines. The stars, which were brilliant, attracted the attention of the small children nearly as much as did the sheets of light that "winkled." The youngest, 15 months old, gazed steadily for several minutes at the bright flickerings in the NW. at 2:30. The display slowly faded, but at 2:45 there were still some lights in the zenith and to about 30° south of it. The aurora, flashing all the time