

favorable soil conditions gave rise to crippled plants in the experimental stations, so that here we have apparently an example of the inheritance of acquired characters.

Pines (*P. vulgaris*) two to six years old, grown from seeds produced by trees which in turn had been grown from seeds collected 30 to 40 years ago at

low elevations and planted at high altitudes, were distinct from the normal lowland pines of this species only in the smaller proportion of large individuals. The parent trees had preserved in the new climate the habit of growth of their original habitat and had transmitted it to their progeny. In this case "after effect" had become "heredity."

EUGENICS IN THE COLLEGES

CORNELL UNIVERSITY is organizing a course in Genetics and Eugenics to be given in the early part of 1914 by a number of specialists.

There are now 44 colleges giving either a complete course in eugenics or some lectures on it as part of another allied course; 15 in the East, 14 in the Middle West, four in the South. Sixteen teach eugenics in their zoology department, 11 in the biology department and 11 in the sociology department.

The following is a partial list of courses in eugenics (often combined with genetics) given in the colleges of the United States last year.

Agricultural College of Utah	Zoology Department.
Alfred University	Biology Department.
Barnard College	Zoology Department.
Bryn Mawr College	Biology Department.
Carnegie Institute of Technology (Margaret Morrison Carnegie School).	Department of Science.
Central University of Kentucky	Biology Department.
Colorado Agricultural College	Entomology and Zoology Department.
Cornell University	Plant Breeding Department.
Dakota Wesleyan University	Biology Department.
Dartmouth College	Sociology Department.
Denison University	Sociology Department.
Elmira College	Zoology and Psychology Departments.
Harvard University	Biology Department.
Knox College	Biology Department.
Marietta College	Biology Department.
Massachusetts Institute of Technology	Zoology Department.
Middlebury College	Sociology Department.
Oberlin College (Summer Session)	Sociology Department.
New York University	Zoology Department.
State College of Washington (Series of Lectures).	Zoology Department.
Syracuse University	
Rush Medical College (University of Chicago)	Zoology Department.
Tulane University	
University of California	Zoology Department.
University of Chicago	Department of Political Economy and Zoology Department.
University of Colorado	Biology Department.
University of Florida	Sociology Department.
University of Illinois	Zoology Department.
University of Minnesota	Animal Biology Department.
University of Nebraska	Sociology Department.
University of New Mexico	Biology Department.
University of North Dakota	Sociology Department.
University of Oklahoma	Zoology Department.
University of Pennsylvania	Sociology Department.
University of Pittsburgh	Department of Biology, Sociology and School of Education.
University of South Carolina	
University of Southern California	Sociology Department.
University of South Dakota	Human Economics.
University of Tennessee	Zoology Department.
University of Texas	Zoology Department.
University of Washington	Department of Political and Social Science and Department of Zoology.
Washington University Medical School.	
Western College	Biology Department.
Western Reserve University	Sociology Department.