

Board of Surveys and Maps. Mr. Wallace succeeds Alfred D. Flinn, secretary of Engineering Foundation, and has been assigned to the Committee on Cooperation. Members of the Advisory Council of the board have been urging the American Engineering Council to aid them in obtaining an adequate program involving a larger appropriation for topographic maps. Congress has asked for an outline of this program and as soon as this is completed the council will decide on the support that can be given.

THE prospect of large lumber operations in South America carried on by interests from the United States is opening a field of promising possibilities to the American forester, and this situation has caused the faculty of the New York State College of Forestry to consider the advisability of adding Spanish to the language requirements of the forestry course. The value of Spanish to the American forester is a reflection of the growing scarcity of forests in the United States and Canada. The consequential high prices of wood products make lumbering in distant countries profitable. South America, according to authorities of the college, presents a new sphere of discovery in wood utilization as there are many species of trees about which little is known regarding their applicability to commercial purposes. The pine forests of Chili and southern Brazil occupy vast areas. The Brazilian Parana pines are said to cover 260 million acres and will produce from five to ten thousand board feet per acre. Restrictive export duties and the lack of shipping facilities have prevented earlier exploitation of these natural resources of South America, but the prodigality of the United States in the use of its forests has overcome these obstacles.

UNIVERSITY AND EDUCATIONAL NOTES

THE College of Agriculture and the College of Veterinary Medicine of Cornell University will receive approximately \$1,350,000 from the State as a consequence of the appropria-

tion bill signed by Governor Miller. The College of Agriculture will receive, roughly, \$1,250,000, while the Veterinary College, it is estimated, will receive \$100,000, which is slightly less than last year's appropriation.

THE North Carolina Legislature has granted the University of North Carolina \$925,000 as a two-year maintenance fund and \$1,490,000 for permanent improvements for two years.

PROFESSOR GEORGE C. EMBODY has returned to Cornell after spending the period since last September establishing at the University of Washington the first college of fisheries in an American university.

DR. IRA M. HAWLEY, of Cornell University, has been appointed professor of zoology and entomology at the Utah Agricultural College and Entomologist for the Utah Agricultural Experiment Station. Sherwin Maeser, Ph.D., University of California, has been appointed associate professor of chemistry at the college.

DR. LEWIS KNUDSON, of the department of botany of Cornell University, has gone to Spain to assist in establishing departments of plant physiology in the Universities of Madrid and Barcelona.

DISCUSSION AND CORRESPONDENCE

PALEOBOTANY AS VIEWED BY TWO GEOLOGISTS

IN the current April *American Journal of Science* appear two papers reciting the larger stratigraphic and faunal evidence bearing on climate in time. Professor A. C. Coleman in the first of these lectures cites especially Dr. Knowlton's views of all-tropic ancient climates thus:

Part I. of Dr. Knowlton's paper rouses enthusiasm with its splendid array of forests mostly tropical from all parts of the world culminating in the Eocene flora. His account of the vegetation of the past confirms and heightens the impression left by paleozoology that during the greater part of the world's history temperatures have been genial even in the far north and far south where