

ture generations will see the glories of the completed monument!

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THE UNIVERSITY OF CHICAGO,
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EDUCATIONAL EVENTS

BIOLOGICAL SURVEYS OF STATES BY THE UNITED STATES DEPARTMENT OF AGRICULTURE

NATURAL history surveys, dealing with the geographical distribution, habits and relations to environment of birds and mammals, with particular reference to the utility of the information gathered to the proper solution of problems in game protection, public health, forestry, grazing and agricultural practise, were carried forward in several states by the United States Biological Survey, Department of Agriculture, and cooperating institutions during the field season of 1918.

In Wisconsin the work of the Biological Survey was conducted, as since the beginning of investigations in that state, with the cooperation of the Wisconsin Geological and Natural History Survey, of which Dr. E. A. Birge is director. The personnel of the field party operating during the season included Dr. Hartley H. T. Jackson, Biological Survey, in personal charge; Mr. A. J. Poole, U. S. National Museum, as his temporary assistant, for the Wisconsin Survey, and Mr. A. I. Ortenburger, temporary assistant Professor George Wagner, of the University of Wisconsin, administers the interests of the Wisconsin Survey in the undertaking. Investigations were made in the distribution and habits of mammals, birds, reptiles and amphibians, the greater portion of the season being devoted to the upper Wisconsin River valley.

In central Montana Mr. M. A. Hanna, temporary field assistant, prosecuted the work under the direction of Mr. Edward A. Preble. This is the third consecutive season of field work in Montana, during which the southern half of the state east of the mountains has been covered.

A biological survey of Florida was under-

taken by Mr. Arthur H. Howell, with Mr. Charles H. M. Barrett as field assistant for a part of the time. Investigations were made chiefly in the southern part of the state from Lake Okeechobee to Cape Sable and on the west coast from Sarasota Bay northward to Homosassa. Special attention was given to the fauna of the Royal Palm State Park, in the southern Everglades near Homestead.

Field investigations in Arizona in general charge of Mr. E. A. Goldman, now in France as a major in the Sanitary Corps, have been conducted over several seasons, being carried forward during the past summer in extreme southwestern Arizona by Mr. A. Brazier Howell, of California. There is left still unworked the southeastern portion only of the state.

Surveys of New Mexico, North Dakota and Oregon have recently been completed under the general direction of Mr. Vernon Bailey. Reports on the mammals, birds and life zones of these states are completed or in various stages of preparation.

Work in Washington was performed in informal cooperation with the State College of Washington, Pullman, and the State Normal School, Cheney. The personnel of the field parties operating included: Biological Survey, Dr. Walter P. Taylor, in charge, assisted by Mr. George G. Cantwell, reservation inspector, and for a short time by Mr. Stanley G. Jewett, predatory animal inspector; State College of Washington, Professor William T. Shaw, in charge, assisted by Mr. O. H. Homme, temporary field assistant; State Normal School, Cheney, Professor J. W. Hungate. During the two consecutive seasons involved investigations have been carried forward in the southern Cascades, along the Columbia River, in a broad belt across the state from Spokane to Puget Sound, and in southwestern Washington. Mr. Cantwell is continuing the work through the fall and winter months.

THE CENSUS BUREAU

ACCORDING to the annual report of Director Rogers, of the Bureau of the Census, the