

he has tabulated furnish an important basis for further work on the migration of these birds.—W. S.

Biological Survey Duck Maps.—The U. S. Biological Survey has issued a series of maps showing the breeding area and region of shooting for twenty-four of the Ducks and Geese most popular with sportsmen. These are sent out to editors of various publications with the privilege of using them as copy on condition that the statements that accompany them be also published.

This is an excellent way of disseminating accurate information regarding our water-fowl and nothing will show more convincingly the decrease in the breeding areas of these birds, and the consequent decrease in the numbers of the birds themselves, than a glance at these maps. The resultant publicity, too, should make every sportsman aware of the exact situation which the Ducks face today and enlist his support of any measures that seem necessary to save them from extinction regardless of his personal inconvenience. Let us hope that the maps and accompanying statement may receive the careful attention that they deserve.—W. S.

Teaching Units of the Emergency Conservation Committee.—The Emergency Conservation Committee has recently published two excellent "Teaching Units"¹ prepared by Ellsworth D. Lumley of the Biology Department of Great Falls High School, Great Falls, Montana. One of these deals with "Hawks" and the other with "Shortage of Waterfowl" and both are designed for school use. The former presents not only reliable data on the food of Hawks taken from Fisher's 'Hawks and Owls' and other similar publications, but emphasizes the injustice of the campaign of so-called sportsmen against these birds, the wastefulness of bounties, etc., etc.

The Waterfowl 'Unit' covers the evils of draining marshes, baiting, the ethics of sport, the wasteful methods of certain gunners, the principles of game laws, etc.

The objects of the two pamphlets are tersely stated to be: I. (a) To become acquainted with our Hawks so as to be able to identify each group; (b) To learn the true value of our Hawks to the farmer and the sportsman; (c) To learn the harm done when bounties are offered for the killing of these birds. II. (a) To come to a correct solution as to why our Waterfowl have decreased so rapidly in the last 20 or 25 years; (b) To understand the true meaning of sportsmanship.

Then there are series of "assignments" for scholars to follow up with the aid of the information presented in the 'Unit' and that to be obtained from the books and articles cited in the bibliography. The intention is to stimulate class discussion and the preparation of essays on all branches of the subject. There is a brief discussion of the Crow problem at the end of

¹ Conservation Series. Teaching Units. I. The Shortage of Waterfowl; II. Hawks; both by Ellsworth D. Lumley. Price 10 cents each. Emergency Conservation Committee, 734 Lexington Ave., New York.