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FOURTH ANNIVERSARY
OF CCC CELEBRATED
ON WILDLIFE REFUGE

U. S. Biological Survey
Congratulates Boys
on "Good Job"

C. C. C. boys doing development work on the Arrowwood Migratory Waterfowl Refuge in Stutsman and Foster Counties of North Dakota have done a good job, says Dr. Ira N. Gabrielson, Chief of the U. S. Biological Survey in congratulating the boys on the fourth anniversary of the C. C. C.

The Arrowwood camp is beginning today (April 2) an anniversary celebration with open-house programs for today, tomorrow, and Sunday. The boys are inviting visitors and preparing a pamphlet outlining their activities and including a map showing the main features of the refuge and the location of development work. Demonstrations will show visitors how the work is being carried out.

C. C. C. boys on seventeen wildlife refuges are contributing man power for the Biological Survey's nation-wide refuge program, says the Bureau Chief. They are in general doing two important things, making the areas more attractive to the birds and making the refuges easier to administer.

One of these areas, the Arrowwood Refuge, was established by an Executive order of President Roosevelt on September 4, 1935. The area now includes about 10,000 acres, with about 3,000 more to be added.

Including Arrowwood, Jim, and Mead Lakes, the area at one time produced many waterfowl. Even last summer, despite drought conditions, it accommodated about a thousand pairs of breeding waterfowl. Most prominent species were ruddy ducks, shovelers, gadwalls, and scaups. The nesting ducks also included blue-winged teal, canvasbacks, baldpates, and pintails, and refuge men noted a few pairs of mallards, green-winged teal, and ringnecks. Western grebes,

cared grebes, and black terns nested in large numbers, and during the migration periods, hundreds of Canada, white-fronted, snow, and blue geese and many whistling swans stopped at the refuge.

The C. C. C. boys' accomplishments have made the wild creatures feel more at home on the Arrowwood Refuge, says the Survey Chief. They have built four diversion dams for water areas, provided two small water holes for reservoirs, and devoted more than seventy-five hundred man-days to lake and pond development. They have planted more than a thousand acres to provide cover and food supplies for the birds and have collected thirty-four hundred pounds of seeds of grasses, flowers, shrubs, and other plants suitable for wildlife cover and food.

Other work, Dr. Gabrielson explains, has been done to facilitate administration of the refuge. The C. C. C. boys have marked 107 miles of the refuge boundary and have built more than 8,500 rods of fences. They have partially completed an additional 10,000 rods of fencing. They have built 9 miles of telephone line and constructed more than 13 miles of truck trails, with another 12 miles partially completed. Other accomplishments include 76 miles of fire breaks, 2,900 square yards of rip-rap for dams, and 1,500 feet of pipe and tile lines. They have made things around headquarters look a lot better, having covered 57 acres in general cleanup work, landscaped 3 acres, and dismantled and salvaged 34 old undesirable structures.

"This work", says Dr. Gabrielson, "is part of the restoration of our American wildlife, an invaluable national resource of great benefit to all Americans. The next time that you see wild ducks passing high overhead and note the smooth poetry of their flight, you can say to yourself, 'Well, it may be that they are up there because the C. C. C. boys have been doing a good job up at the Arrowwood Migratory Waterfowl Refuge.'"