REPORT OF FEDERAL FISH HATCHERIES--JULY 1941

During the month of July, more than 10,682,000 fry and fingerlings of 21 varieties were distributed in suitable waters by 60 Federal hatcheries located in 31 states, the Fish and Wildlife Service today reported to Secretary of the Interior Harold L. Ickes. In addition, approximately 24,000,000 eggs, fry, and fingerlings of 30 varieties were handled or ready for stocking.

Following is a breakdown summary of activities:

MAINE

Boothbay Harbor. - From the experimental tanks there have been counted out and turned over to the State for distribution 46,191 fourth stage lobsters. Surplus lobster fry, amounting to 2,029,000, were turned over to the State for rearing to the fourth stage and subsequent distribution.

There were taken and planted on the natural spawning grounds 96,763,000 cod eggs.

Craig Brook. - A large part of the small fingerlings was distributed because of low water conditions. Unless rain falls in liberal quantities very soon it will be necessary further to reduce the stock of fish on hand.
Fish were distributed during the month as follows: 28,200 rainbow, 125,800 brook, 31,300 lake, and 38,000 brown trout fingerlings, and 675 adult brook trout. Fish were hauled by the State tank trucks, Acadia National Park truck, and State wardens in privately owned cars with trailers attached.

On July 14 and 15 salmon were captured in the trap at the Bangor dam, one on each date, but as the water has dropped again no fish are coming up. It is reported that fish are in the lower reaches of the river but a rise in water must take place before the fish will really begin to go up stream.

NEW HAMPSHIRE

National Forest. - A total of 36,275 yearling brook trout of legal length was distributed by the States of New Hampshire and Vermont under the terms of the existing agreement.

MASSACHUSETTS

Gloucester. - Off-shore work, including the collection of cod eggs and their immediate liberation after fertilization upon the fishing grounds, was discontinued early in July. Collections of cod eggs for the period totaled 113,585,540.

Cooperative lobster propagation with the Massachusetts Department of Conservation was started on July 1 with the securing of 20 egg-bearing lobsters. These were placed in the cod hatching table compartments and allowed to hatch naturally. Thirty-four thousand five hundred lobster larvae were obtained and placed in the new rearing units.
secured from the Boothbay Harbor, Maine, station. To date, 3,999 fourth stage lobsterlings have been counted out and liberated. A total of 244,360 lobster larvae were liberated from seeders obtained from the gill netters, prior to receipt of new rearing equipment.

Hartsville. - Twenty thousand fingerling and 1,270 yearling brook trout have been delivered to applicants or planted in the Konkapot River; while 80,000 brook trout fingerlings have been turned over to the State of Massachusetts. Two distribution trips were made with fish into Connecticut and Vermont.

NEW YORK

Cape Vincent. - Adult smallmouth black bass were seined from the ponds and planted in Lake Ontario.

Distribution of bass was started and to date 10,000 advanced fry and 11,000 small fingerlings have been delivered to applicants, while 15,360 advanced fry and 2,400 fingerlings have been planted at various places in Lake Ontario.

Watertown. - This substation distributed 10,060 fingerling brook trout.

VIRGINIA

Wytheville. - One load of rainbow trout was distributed in the vicinity of Bastian, Virginia. One load of brook trout was delivered to the Jefferson National Forest for stocking streams in Smyth County, Virginia.

WEST VIRGINIA

Leetown. - There were 1,399 trout distributed during the month.
NORTH CAROLINA

Hoffman. - Draining of bass nursery ponds was begun, and distribution of bass fingerlings will continue through the next month.

Pisgah Forest. - Five thousand brown trout were transferred to the Tennessee Valley Authority and will be held in rearing pools at Norris, Tennessee. The remaining five thousand on hand will be planted in suitable waters.

MISSISSIPPI

Lyman. - Totals of 52,050 fingerling bass and 5,900 fingerling bream were distributed to applicants.

Tupelo. - Four thousand bass fingerlings were distributed.

TENNESSEE

Erwin. - Seven thousand smallmouth and 42,750 largemouth bass were distributed in east Tennessee and North Carolina waters.

KENTUCKY

Louisville. - During the month, 6,015 fingerling bass were distributed in Kentucky and Indiana waters.

MICHIGAN

Charlevoix. - The Michigan State Patrol boat distributed 200,000 lake trout fingerlings in Lake Michigan.
WISCONSIN

Lake Mills. - To date 44,000 largemouth black bass have been distributed.

MINNESOTA

New London. - The Minnesota State Department of Conservation received 151,700 pike perch fingerlings for stocking various lakes. An additional 2,220 were distributed from the station.

Fifty-six thousand fingerling bass were planted in Forest Service waters, and 79,800 in other waters in Minnesota.

SOUTH DAKOTA

Spearfish. - Fifty-seven thousand loch leven and 69,000 rainbow trout fingerlings were distributed during the month.

IOWA

Fairport. - On July 15, station personnel, assisted by two youths assigned from the National Youth Administration, rescued 10,000 buffalo-fish, 8,000 sunfish, and 400 crappie fingerlings from some landlocked sloughs in the Cedar River bottom. These fish were released in the Cedar River.

NEBRASKA

Crawford. - A shipment of 100,000 blackspotted trout eggs was received from the Yellowstone Park, Wyoming, station.

There were distributed 96,180 rainbow and 15,490 brook trout.
ARKANSAS

Memmoth Spring. - During the month, 13,865 largemouth bass fingerlings were distributed.

LOUISIANA

Natchitoches. - Five distribution trips were made during the month: two into Texas and three to points in Louisiana.

TEXAS

Burnet. - Largemouth black bass fingerlings were planted in Roy Inks and Buchanan Lakes.

Fort Worth. - Totals of 59,120 largemouth fingerling bass were distributed.

San Angelo. - Twenty-eight thousand five hundred largemouth black bass and 11,760 channel catfish fingerlings were distributed.

San Marcos. - The following fingerling fishes were distributed: 3,100 black bass, 36,350 bream, and 1,400 crappie.

Uvalde. - A total of 159,100 fingerling bass was distributed during the month.

NEW MEXICO

Dexter. - Since July 1, 188,000 largemouth bass have been distributed.

Elephant Butte. - Approximately 100,000 fingerling bass were distributed.

Santa Rosa. - Twenty thousand smallmouth bass have been distributed to Picacho Drain near Las Cruces, Rio Grande near Elephant Butte Dam, Rio
Grande near Espanola, and the San Juan River near Farmington. All plants were 5,000 each.

ARIZONA

Williams Creek. - Totals of 500,304 blackspotted trout eggs were received from the Yellowstone Park, Wyoming, station.

COLORADO

Creede. - The remaining brook trout were distributed during the month, most of them being received at the hatchery by the Forest Service. Over 150,000 were distributed.

Eagle Nest. - Two hundred thousand blackspotted trout eggs were received from Yellowstone Park, Wyoming, and 114,000 rainbow trout eggs from Creede.

Leadville. - Trout egg shipments received include 200,000 blackspotted from the Yellowstone Park, Wyoming, station, 77,000 rainbow from Eagle Nest, New Mexico, and 275,000 rainbow from Creede.

WYOMING

Jackson. - During the month, 48,420 blackspotted and 12,960 lake trout were planted.

Saratoga. - A shipment of 174,720 blackspotted trout eggs was received from Yellowstone Park.

There were distributed 31,950 brook, 35,440 rainbow, and 21,420 blackspotted trout fingerlings.
Yellowstone Park. - Collection of Montana grayling eggs was completed July 2, with a total of 5,019,403 eggs taken. The Grebe Lake hatchery has been closed for the season.

Rainbow trout egg collections were completed, with 1,071,714 for the season's total. The Soda Butte substation has been closed for the season.

Total blackspotted trout egg collections to date are 36,902,552.

MONTANA

Bozeman. - Distributions during the month consisted of 185,840 rainbow and 166,000 brook trout fingerlings, and 142,400 blackspotted trout eggs.

Five hundred thousand blackspotted trout eggs were received from Yellowstone Park, Wyoming.

Creston. - The following fish were delivered to the Park Service: 26,548 rainbow trout fingerlings; and 1,412 brook, 31,540 blackspotted, and 4,877 rainbow trout yearlings.

Ennis. - A shipment of 22,260 rainbow trout eggs was received from the Yellowstone Park, Wyoming, station.

Distribution consisted of a shipment of 7,455 rainbow trout yearlings to Goose Lake and 2,000 to Trout Lake, Yellowstone Park waters. The latter shipment consisted of marked fish to parental waters. All were handled by Park Service tank truck from the station.

A trip was made to Ruby Lake near Alder, Montana, to assist the local deputy state game warden with fish rescue operations. Approximately 100 adult rainbow and loch leven trout were seined from a landlocked pool at the foot of Ruby Dam and released in Ruby River below the dam.
UTAH

Bear Lake. - One hundred thousand fifty blackspotted trout eggs were received from Yellowstone Park, Wyoming.

Ten thousand eastern brook trout fingerlings were delivered to the State Hatchery at Kamas, Utah, 14,100 to Cokeville, Wyoming, and 12,000 to applicants at Malad, Idaho, for the Forest Service.

Springville. - Three hundred thousand rainbow trout eggs were received from Eagle Nest, New Mexico, and 200,000 from Creede, Colorado, while 500,334 blackspotted trout eggs were received from Yellowstone Park, Wyoming.

There were delivered by station truck or to applicants at the station 95,000 rainbow and 72,000 brook trout fingerlings.

IDAHO

Clark Fork. - Distributed during the month were 1,170 eastern brook trout fingerlings to the Idaho Department of Fish and Game and 3,400 to the Forest Service for Kaniksu National Forest waters.

Hagerman. - This station received 1,400,000 blackspotted trout eggs from Yellowstone Park, Wyoming.

In order to stock some of the more inaccessible lakes located in the Sawtooth Mountains of Idaho, the Idaho Fish and Game Department chartered an airplane equipped with a special tank for planting these waters. The lakes are located within the boundaries of the Sawtooth National Forest. The fish, amounting to 90,500 eastern brook and 52,000 rainbow trout, were furnished by this station. Transportation from Hagerman to Stanley, where the fish were loaded aboard the plane, was accomplished by the State.
Through a cooperative agreement between the Elko County Game Department and officials of the Humboldt National Forest, the Elko County game warden with tank truck received at the Hagerman station 49,000 rainbow trout for planting in streams of the Humboldt National Forest, Nevada.

Salmon. - One hundred fifty thousand blackspotted trout eggs were received from Yellowstone Park, Wyoming.

There were distributed 92,800 cutthroat and 30,600 rainbow trout. Five hundred thousand advanced rainbow trout fry were planted into Williams Lake.

WASHINGTON

Big White Salmon. - Fifty thousand marked chinook salmon were liberated above and 50,000 below the Bonneville Dam.

There were 150,178 blackspotted trout eggs received from Yellowstone Park, Wyoming.

Birdsview. - Forty-four thousand brook trout fingerlings were distributed to the Washington State Game Department and 130,000 to the Parkway, Washington, station. Eighteen thousand five hundred rainbow trout fingerlings were delivered to the Forest Service.

A total of 300,361 blackspotted trout eggs was received from Yellowstone Park, Wyoming.

Duckabush. - Due to the growth of the fish and the diminishing water supply, 40,698 silver salmon had to be liberated back into the Duckabush River.

Quilcene. - There were 31,440 silver salmon and 82,966 fingerling steelhead trout planted in parental waters.
A lot of 8,086 cutthroat trout fingerlings was planted by the State game protector.

Quinault. - A total of 200,324 blackspotted trout eggs was received from Yellowstone Park, Wyoming.

Spokane. - There were distributed 12,800 blackspotted and 13,675 rainbow trout fingerlings.

OREGON

Butte Falls. - Silver salmon, totaling 244,300, were liberated in Butte Creek and the Rogue River.

Clackamas. - Two hundred fifty thousand grayling eggs were received from Yellowstone Park, Wyoming. One hundred thirty thousand eggs were shipped to the substation at Delph Creek.

Eighty-one thousand rainbow trout fingerlings and 17,432 loch leven trout were distributed by the Oregon State Game Commission.

Delph Creek. - The Oregon State Game Commission planted 31,857 loch leven trout fingerlings.

About 40,000 fingerling loch leven trout were planted in the North and South Forks of the Yamhill River and Agency Creek.