

must have passed in and out of the stream unobserved on account of the height of water consequent on the heavy rains.

Barber's Creek, Bowmanville. Of this stream Mr. P. Coleman, the guardian, reports:—"Salmon began running very early—quite a number up creek on 5th Oct. "I believe there was a large increase over former years."

Grafton Creek. The following extracts from the report of the guardian appointed to watch this creek, show the salmon there to have been very abundant. He says:—"Upon 27th October a large school of salmon entered the creek and went up stream "about four miles. About two hundred salmon came up to the pool below the dam, "we counted thirty beds in which the fish laid their eggs."

Mr. Gilchrist, Fishery Overseer, Port Hope, writes of the River Trent:—"I can "say that a great many salmon entered it; a great many were seen at Stirling. "There were also a great many fish seen at Chisholm's Dam; they were also to be "seen at many places along the river. Quite a number of spawning-beds were seen "in the shallow parts of the river. I should judge by what I saw myself, and "what was told me by others, that a very great many more salmon came into the "Trent last fall than formerly. There were also a number of salmon to be seen in "the Cobourg stream. Gage's Creek, Port Hope Creek, Brand's Creek, and in fact "every stream that empties itself into Lake Ontario in my division. They came "into streams last fall where they have not been known for many long years past.

The following extracts from the report of Mr. J. W. Kerr, Fishery Overseer, Hamilton, are also submitted as showing the marked increase of salmon in his division:—

"Salmon were more numerous last season than for fourteen years past, both in "Lake Ontario and the numerous rivers and creeks in my district.

"In Duffin's Creek, where the first fish of this kind was seen in 1869 (three in "number), there have been several hundreds noticed this year by the guardian and "numerous other persons residing in the neighborhood of the stream.

"In many places salmon have been taken (either by persons ignorant of the "law or by wilful transgressors), namely: in Frenchman's Bay, two salmon 10½ "lbs. each; in Lake Ontario (off Frenchman's Bay), one salmon of 10 lbs.; in the "Humber River, one salmon (last spring); in Lake Ontario (Port Credit), one "captured weighing 8½ lbs., and several others seen also in the lake off Bronté; two "were netted; at Burlington Beach, three killed, one speared; at Winona, two taken, "5 and 8 lbs. respectively; in the Dundas Marsh, one speared; and off Grimsby, one "netted weighing 8 lbs.

"Six large salmon were also killed in the Niagara River, three at Niagara and "three at Queenston.

"The guardian and others report having seen several salmon and spawning-beds "in Lyons' Creek last fall.

"In Duffin's Creek the fish noticed in the act of spawning amounted to about "one hundred and fifty, all very large. There were about sixty spawning-beds.

"In the River Credit salmon were seen by the guardian as early as September, "near Indian Village. At Springfield, also, these fish were abundant, one being "crushed by the mill-wheel, Turner's Mill at this place. Two miles above Streetsville "numbers of salmon were seen by Solomon Carter (an old salmon spearer), who "describes them as being of different shape and darker color than those he used to "spear in bygone days. Query: Would these be California salmon? From the time "of the freshet in September, when these fish evidently got over the Streetsville dams, "they were seen daily.

"Several salmon were also seen in the Sixteen Mile Creek, Oakville, and in the "Twelve Mile Creek near Bronté."

OBJECTIONS TO FISH CULTURE.

Much criticism has been and is still indulged in by many persons inimical to this enterprise of fish-breeding in Ontario, concerning the non-appearance in the