

**HEAVY TRAFFIC.**

**Phenomenal Growth of Shipping.**

Lakes is a steadily increasing amount of grain, lumber and iron ore, but coal and ore dominate the scene so grows the size of the vessels. In the past decades the depth of the Lakes have been deepened to 22 feet, but the vessels are asking for 22. This it is to have, and it would seem that vessels of 500 and 550 feet and 19 feet which is too narrow a channel through either rock

aside by the United States. Mary river between lakes is \$17,000,000, which is to bound boats and one quite as already been done in the through the shallows of Lake the regular 20-foot channel and down, Uncle Sam has a channel of like depth for dered absolutely needful by ticklish point. been a succession of drills, e paraphernalia of channel. expended this season, they deepening the Limekiln ough the rock is to be made other relay of men and ma the Bois Blanc channel pening into Lake Erie far oundings by the deeply la- frequent even there.

as never before seen it, is Detroit. On the speed of plying to Toledo, to Cleve- the crowded pleasure boats because their draft of water aht-like Duluth passenger ave to slow down as they immense propellers each wn with ore, one up, with "dead slow" in the nar- ridge and the look-out on the ranges, the surveyors d especially the advancing rs advancing for the fray. aterial age no longer like bedecked and gay" with ies of steel devoid of grace eless, "like a tank." But arc. One which passed small boat near the Lime- s the "Pierpont Morgan," o feet in length, and had , on 10 1/2 feet draft, 12,000 go, my companion ascer- freight per ton, so here way.

er consists of such mon- occasional sailing vessel to ignominious charge of a ls of smaller steamers, hich, while out of what find plenty traffic in the mong these, from the from Montreal to Port sorts that make so large

the lakes vessels whose And this year, according e under construction for 2 vessels whose united ozen of them from 10,000 nt to learn that "this en- being to meet the coun-

nd ship-owner at Detroit is at Lakes is this season of 100,000 to 12,000,000 tons to 40,000,000 tons of ore vast amount of business, ty of industry the build-

**NATIONAL EXHIBITION NOTES.**

There are two of the well-known Waterous steam fire engines in Machinery Hall. One, a resplendent affair in steel, brass and nickel is described as a 3rd size steamer, 600 gallons. The other a gasoline engine, lighter and of less capacity, but at less than half the price.

The Canada Foundry Company's exhibit, which has never been unworthy of its good position in Machinery Hall, shows by this year's exhibit more than ever in the magnitude of the castings the much increased scope of its works and their appliances. We observe also that H. W. Petrie, at the west end of the building, attracts a good crowd to his booth by means of machinery in motion.

Two firms, who for several years have made the west end of the Manufacturers' Building especially attractive by their exhibits are John Kay & Co., and the Toronto Carpet Co. The former imitates furnished rooms, whose hangings and furniture delight the ladies, the former shows carpets and rugs, made in Toronto, which are a dream. One hearth-rug, in blue and white, made especially for Upper Canada College, gave joy to a couple of Old Boys by its bearing the motto of the college:—"Palmam qui meruit ferat."

Compelled to take floor space under the grand stand, because they could not get 80 feet in length in any of the main buildings the Empire Tobacco Company have produced an extremely interesting object-lesson in the growth and curing of tobacco leaf. First a seeded field of yellow earth; next one of different soil into which the plants are transplanted; the leaf now cultivated with great care, then pulled and hung in vast venetian-shuttered warehouses to "cure." When cured squeezed into barrels 7 feet long and shipped to Montreal, Granby, Quebec, to be made into "Payroll" or other brands of chewing tobacco. The tobacco farm is in Essex County, the factories in the Province of Quebec.

The exhibit of the Temiskaming and Northern Ontario Railway is one of the most interesting there. The samples of farm, forest and mining wealth which are shown, have probably convinced many skeptics of the universal richness of the particular district opened up by the railroad. A great clay belt of 16,000,000 acres of good farming land has also been placed on the lines of communication. The government regulations are so liberal and everybody has an equal chance. It is only a question of getting there first and hustling after wealth. There are exhibits from 22 Cobalt mines, including a \$500 nugget from the Trethewey mine and a \$150 nugget of native silver, from the Glendenning mine. The Nipissing exhibit is probably the finest display from any one Canadian mine that has ever been shown in Toronto. Much of the ore on view has been simply broken off the surface of the ground. Some of the nuggets weigh three and four hundred pounds and contain from 50 to 60 per cent of silver.

A notable feature of the Exhibition is the display in the art gallery, and especially the European pictures. It is a great pleasure to the admirer of real art who, perhaps, cannot go abroad to see the wonders of the Vatican and the glories of the Tuilleries, to feast his eyes on a real Constant, and a real Jules Breton, and a Gustave Dore in oil. How many there are in Canada who have read of Constable's landscapes and Sir Thomas Lawrence's portraits, and never expected to see either, who may now see "Fording the River," and, thanks to the Governor-General, the original of that classic and lovely portrait, so often engraved, of Lady Grey and her children. A marvel of color-blending and delicate technique is the little Mulready picture, while the transparent water in the marine piece by Stanfield makes one think of Charles Dickens' coast excursions with "Dear Stanny." Of animal painters, two eras are illustrated in the pictures of John Herring and Sydney Cooper; while John Gilbert's ideal of Wolsey in his arrogant glory fascinates many. One of the two large paintings by R. Caton Woodville has been purchased by the Exhibition Association. It represents the surrender of General Conje, and shows the 2nd Canadian Regiment in the foreground.

It is estimated that the salmon pack on the Fraser River amounts to 170,000 cases, which is a little more than it was in 1902.

The question of taking steps to prevent the extermination of the sockeye salmon, is to be discussed by the Fisheries Commission, who will meet in Vancouver on September 19th.

**FROM ALL OVER THE COUNTRY.**

**Sarnia, Ont.**—There has never been such a crop of Indian corn known either here or in the State of Michigan as this year's.

**Rainy River, Ont.**—Large shipments of lumber to the West continue, a great quantity being used for the erection of grain elevators.

**Maple Creek, Sask.**—A. J. Porter, of St. Paul, Minn., writes the council enquiring as to the advisability of opening a furniture factory.

**Fort Frances.**—Here is insistent complaint of scarcity of labor. Neither railways nor lumbermen can get the number of men they want, although higher wages than ever are offered. The lumber market remains firm and active.

**Yellow Grass, Sask.**—The Western Canada Flour Mills, Limited, are unloading materials for an elevator at this point for this season's grain. This is the fourth elevator here, and the Lake of the Woods milling people intend to have one too.

**Windsor, N. S.**—The weather during most of August was perfect for the farmer, the lumberman and the quarryman, and all three have been busy. Hay is more than an average crop; fruit on the whole under the average. Prices for products both of farm and forest are very high.

**Rapid City, Man.**—The following have been elected officers of the Board of Trade: President, G. L. Stone; vice-president, J. G. Hindson; secretary-treasurer, A. J. LePage; council, S. L. Head, A. Carss, H. C. Clay, C. M. Beattie, G. J. Hunter, D. McNaught, G. B. Ross and A. F. LePage.

**Minnedosa, Man.**—The Board of Trade decided to petition the Dominion Government to retain the land office here on account of the convenience to settlers obtaining permits for wood and hay. Also because there is land still to be homesteaded in this district.

**Red Deer, Alta.**—Building is active. Besides the new public school, to cost \$36,000, there are many dwellings and some stores going up. The Great West Lumber Company are working sixteen hours a day, and get a ready market for their lumber at good prices, owing to the very high figure now asked for British Columbia lumber.

**Kinistino, Sask.**—The hailstorm of August damaged 700 acres wheat, 600 acres oats and 70 acres barley. One half of this is estimated to be a total loss, the remainder being damaged by wind, to say 5 to 10 bushels to the acre. Bonne Madonne district, 30 miles south-west of Kinistino is settled entirely by old country French, who are described as being well-off and good settlers. It is understood that twenty more families are on the way, out from the old country with the intention of settling.

**BOUNTIES PAID LAST YEAR.**

Bounties paid on manufactured products by the Dominion Government during the fiscal year, ending June 30th last, amounted to \$3,088,407, an increase of \$229,050 over the previous year. These are the items:—

	1904-5.	1905-06.
Iron and steel, and steel products.....	\$2,231,684	\$2,400,773
Lead .....	330,645	90,197
Binder twine .....	13,789	15,079
Petroleum .....	350,407	291,137

The following were the recipients:—

Pig Iron:	
Canada Iron Furnace Co.....	\$ 40,256
Deseronto Iron Co. ....	13,664
Hamilton Steel & Iron Co. ....	98,897
Dominion Iron and Steel Co. ....	246,353
Nova Scotia Steel & Coal Co. ....	95,075
Londonderry Iron & Mining Company.....	51,525
Algoma Steel Co. ....	167,420
Steel Ingots:	
Hamilton Steel & Iron Co. ....	\$ 67,578
Nova Scotia Iron & Coal Co. ....	96,803
Dominion Iron & Steel Co. ....	408,571
Algoma Steel Co. ....	307,770
Articles Manufactured from Steel:	
Dominion Iron & Steel Co. ....	\$302,413
Nova Scotia Steel & Iron Co. ....	25,815
Montreal Rolling Mills Co. ....	7,386
Hamilton Steel & Iron Co. ....	34,217

The Dominion Iron & Steel Company, it will be seen, earned \$957,337 on iron, steel and articles made therefrom. The Algoma Steel Company earned \$535,190, the Hamilton Steel & Iron Company \$200,955, and the Nova Scotia Steel Company \$187,693.