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Une partie de 1 'Appendice No. 3 est en anglais et en francais.

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# SESSIONAL PAPERS. 

> VOLUME II.

SECOND SESSION OF THE EIGHTH PARLIAMENT

OR TEE

## PROVINCE 0F CANADA.

Session lixb .


Printed for tee Contractors by Huntrr, Rosf \& Lemidux, St. Ursule Straet, Quebec.


## LIST OF SESSIUNAL PAPFRE.

## VOL. XXIII.-SESS. 1864.

## ARRANGED ALPHABETICALLY.




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ARRANGED NUMERICALLY, AND IN VOLUMES.
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No. 2... ........ PUBLIC ACCOUN'IS of CANADA:-for 1863.

No. 3... ........ TRADE and NAVIGATION, CANADA:-Tubles of, for 1863.
No. 4........... PUBLIC WORKS :-Report of the Conmissioner, for 1863.
No. 5 OROWN LANDS :-Report of the Commissioner, for 1863 :

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No. 9.: ...... OHARITABLE INSTIUUTIONS:-Returns from, for 1863.
No. 10........ ${ }^{\text {BAPTISMS, MARRIAGES and BURIALS :-Return of, for 1863. - }}$
(Not printed.)
No. 11.......... COUNTY ATTORNEYS:-Statement of Law Fees of.- (Not printed.)
No. 12......... MISCELLANEOUS STATISTLCS of CANADA for 1863.- (Notprinted.)
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MR. BOLDUU:-Dismissal of.-(Not printed.)
MR. COTTON :-Dismissal of.-(Not printed.)
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## TRADEAND NAVIGATION

 of thePROVINCE OF CANADA,

FOR THE YEAR

## 1863.

COMPILED FROM OFFLCIAL RETURNS.
Presented to both Hozsea of Parliament by Command of His Exccllency.
L. H. Iolion, Minister of Finance.

## MOUVEMENT.

D

## COMMERCE ET DE LA NAVIGAIION <br> DE LA

PROVINCE DU CANADA, pour L'ANNÊE<br>1863.

COMPILE D'APRĖS DES DOCUMENT'S OFFICIELSS.
Présenté aux Chambres du Parlèment par ordre de Son Excellence.
L. II. IIOLTON, Ministrie des Feravees.


QUEBEC:
PRINTED FOR THE CONTRACTORS BY HUNTER, ROSE \& LEMIEUX, ST. URSULE STREET.

## TARIFF.

## TABLE OF DUTIES OF CUSTOMS INWARDS,

In force during the year 1863.

## Goods paying Specific Duties.

Whiskar, -of any strength. not exceeding the strength of proof by Sykes
Duty. hydrometer, shall be chargeable with a duty of twenty-five cents por galion, und so in proportion for any greater strength, or less quantity than alo gallon.

Oil,-Coal, Kcrosene and Petroleum,-distilled, purified or refined,-per gallon.

## Goods paying Specific and ad-valorem duties.

Sccar,-refined, whether in loaves or lumps, candied, crusked, or in any other form; White Bastard Sugar, or other Sugar equal to refined in quality.

And a specific duty on each pound weight,
Confetionert,
And a specific duty on each pound weight,
Sugar,-being neither refined nor White Bastard, nor otber sugar equal to refined in quality,

And a specific duty on each pound weight,
Nolasses,
And a specific duty on each gallon,
Cobfes, Green,
And a specific duty on erch pound weight,
Cofers, - ground or roasted,
And a specific duty on each pound weight,
Tea,
And a specific duty on each pound weight,
Goods paying one hundred per cent.
Gin;
Cordials ;
Rum;
Spirits and Strong Waters, including Spirits of Wine and Alcolbol, not being Whiskey or Brandy.

15 p. cent. 3 cents.

15 p, cent. 3 cents.
lo p. cent. 2 cents.

10 per cent. 5 cents.

5 p. cent.
3 cents.
30 p. cent. 3 cents.

15 p. cent.
4 cents.

Duty p. cent. ad-valorem.
I

100 p, c.

## TARIF.

## TABLEAU DES DROITS DE DOUANE A L'ENTRÉE

En force durant l'annee 1863.



## Articles soumis à un droit de quarante pour cent.

## Ọgares.

## Articles soumis ì un droit de trente pour cent.

Aile, bière et porter;
Cirage;
Dau-de-vie;
Muscades, macis é cannelle;
Epices moulucs;
Gingembre, piment et poivre, moulus ;
Remèdes ct préparations médicinales brevetés, non spécifés alleurs;
Tabac en poudre;
Savon;
Amidon;
Tabac manufacturé ;
Les colis contenant des articles soumis aux droits al valorem sont frappés du même droit que les articles qu'ils contiennent, à moins que co droit n'excèdo 30 p . ct., ruquel cas le droit sur les colis contenant ces'articles sera de 30 p .ct. ad valorem.

## Articles soumis à un droit de vingt-cing pour cent.

Produits manufacturés de cuir, savoir :-
Bottes et souliers;
Harnais et selleric;
Mardes taites à la main ou an moyun de machines ì coudre.

## Articles soumis a un droit cle yuinze pour cent.

Papier pour l'impression des livres, des cartes gégraphiques et des journanx

## Articles soumis à un droit de dix pour cent.

Ancres de 6 qte. et alldessous;
Livres d'ćcole et autres, imprimés en cette province, (un exemplaire desquels derra être déposé à ladivision des douanes du département du ministre des finances), derront payer un droit de 10 pour cent.
Cuirre jaune en barres, en baguettes et en feuilles;
Fil de cuivre janne ou de cuivre et tissu métallique ;
Camées et mosaïques, réels ou imités, lorsqu'ils sont montés en or, on argent ou en antre métal;
Tôle du Canada, fer-blanc, tóle galvanisée et tòlo ordinaire ;
Cuirre en barres, en baguettes, en boulons ou en feuilles;
Cordons de soie pour chapeaux, bottines et souliers;
Fer en barres, en baguettes ou d cercles;
" baguettes prur clous et chevilles;
: cercles ou bandages pour roues de locomotives, courbés et soudés;
" tôle à chaudière ;
" burres pour chemins de fer; coussinets en fer forge et chevilles;
" tôles roulées;

## Fil de fer;

Bijouteries at montres ;
Plomb en feuilles ;
Cartes gcographiques, cartes marines et atlas;
Voiles toutcs faites;
Esprit, de térébenthine;
Acier battu ou coulć
Coton àmèche, coton à tisser ct ì chaine:
Blane de plomio, see;
Platre de Paris, moulu et brullé
Ciment hydraulique, moulu et brûlá;
Ronge de plomb ;
Litharge ;
Phosphore;

Droit p. ct. ad-valorem.

40 p. cent.

30 p . cent.

25 p. cent.

15 p. cent.

10 p. cent.

Medicinal Roots;
Engravings and Prints;
Straw, Tuscan and Grass fancy Plaits;
Tin, granulated or bar ;
Tubes and Piping, of conper, brass, or iron when drawn;
Zinc or Spelter, in sheet;
Locomotive and Engine Frames, cranks, crank axles, railway car and locomotive axles, piston rods, guide and slide bars, crank pins, connecting rods, stoamboat and mill shafts, and cranks forged in the rough;

## Goods paying twenty per cent.

All articles not hereinbefore cnumerated as charged with an ad-valorm or a Specific duty, or hercinafter declared frec of duty, shall be chargeable with a duty of tirenty per cent, on the value thereof.

## Table of Free Goods.

Acids of every description, except Vinegar ;
Agricultural Socicties,-Seeds of all kinds, farming utensils and imploments of husbandry, when specially imported by, for the encouragement of agriculture ;
Alum:
Anatomical preparations;
Anchors, over 6 cwt.;
Animals of all kinds;
Antimony;
Antiquitics, collections of;
Apparel, wearing, and other personal effects, and implements of husbandry, (not merchandise) in actual uso of persons coming to settle in the Province and accompanying the owner;
Apparel, wearing, of British subjects dying abroad;
Argol;
Arms for the Army or Navy and Indian nations, provided the duty otherwise payable thereon would be paid or borno by the Treasury of the United Kingdom, or of the Province.
Ash, Pot, Pearl and Soda ;
Bark, 'Tanners' ;
Bark, used solely in dycing ;
Barley, except Pot and Pearl;
Barley Meal;
Beans ;
Bean Neal ;
Bear and Bigg;
Bear and Bigg Dreal ;
Berries, used solely in dyeing;
Bibles, Testaments, Prayer Books, Devotional Books;
Bleaching Powder;
Bolting Cloths;
Borax;
Bookbinders' Tools and implements;
Books-other than Reprints of Brilish Copyrights-or School and other Books, printed in the Province. as specifica under head of 10 per cent;
Books, Maps and Charts, imported not as Merchandise, but as the personal Effects of persons arriving in Canada to become bona-fide residents of the Province;
Bottles, containing Wine, spirituous or fermentod Liquors of Officers' Micss;
Brandy imported for Officers' Mess;
Bran and Shorts;
Brimstene;
Bristles;
Broom Corn ;
Buckwheat;
Buckwheat Meal;
Bulbs and Roots, other than Medicinal ;
Bullion;
Burrstones, wrought or untrought, but not bound up into Millstones;
Butter;

Duty per ct
ad-valorem.

10 p. cent.

20 p. cent.

Free.


Droit p. cent. ad-valorem.

10 p. cent.

## Tableau des excmptions.

Acides de toute sorte, excepté le vinaigre;
Sociétés d’agriculturc-graines de toute sortes, instruments et ustensiles d'agriculture, quand ils sont spécialemont importés par cllos pour Y'encouragement do l'agriculture; Alun;
Préprarations anatomiques;
Ancres, pesant plus de 6 quintaux;
Animaux de tontes sortes;
Antimoine;
Collections d'antiquités;
Vêtements et autres effets mobilicrs et instruments d'agriculture (n'ötant point dans le commerce) et a l'usage des personnes qui riennent s'ótablir dans cette provincc et accompaguant le proprictaire;
Vêtements de sujets anglais décédés à l'étranger ;
Tartres;
Armes pour l'armée, la marine et les tribus sauvages, pourvu que le droit autrement payable sur icelles soit payé par le trúsor du royaume-uniou de cette prorince;
Potassse, perlasse et soude ;
Tan;
Ecorce serrant uniquement tà teindre;
Orge, excepté l'orge perlée;
Farine d'orge;
Fêves;
Farine de fères;
Orge perlee et mondée;
Farine de cette orge;
Baies employées seulement a teindre ;
Bibles, testaments, livxes de prières et litres de dérotion;'
Poudre in blanchir;
Bluteaux ;
Borax :
Outils et instruments de relieur;
Lirres qui ne sont pas des reimpressions d'ourrages anglais", soumis au droit de propriété littéraire-livres d'école et autres livres imprimés dans la province, ainsi que spécifé parmi les articles soumis au droit de 10 pour cent;
Lirres, cartes feographiques et marines, importes non comme marchandise, mais comme effets mobiliers appartenant aux personnes arrivant en Canada arec lintention de s'y établir;
Bouteilles contenant du rin, des liqueurs spiritueuses on fermentees pour l'ordinaire des officiers;
Eau-de-rie importée pour l’ordinaire des officiers ;
Bran de son et son gras;
Soufre;
Soies de cochon;
Blé-d'Inde à balais ;
Sarrasin;
Farine de sarrasin;
Bulbes et racines, autres que les médicinales;
Lingots;
Pierres à moules, travaillées ou non, mais non réunies en meules de moulins; Bearre;

## Coin and Bullion ;

Cabinets of Coins;
Cables, Iron chain-over of an inch diameter;
(i. Hemp;
" Grass;
Carriages of Travellers, and carriages employed in carrying Nerchandise (Hawkera, and Circus 'Troupes excepted) ;
Casks, Ships' water, in use;
Caoutchouc, or India Rubber and Gutta Percha, unmanufactured;
Cement, Marine or bydraulic, unground;
Charitable Socicties-donations of clothing for gratuitous distribution by ;
Checse;
Clothing for Army or Nary or Indian nations, or for gratuitous distribution by any Charitable society;
Coal;
Cochineal ;
Coke;
Commissariat S'tores ;
Copperas;
Corkwood, or the Bark of the Corkwood tree;
Corn, Indian;
Cotton and Flax waste ;
Cotton Wool;
Cream of Tartar in crystals ;
Diamonds and Precious Stones;
Drain Tiles for arricultural purposes ;
Drugs used solely in dyeing;
Dye Stuffs, riz:-Bark, Berrics, Drugs, Nuts, Vegetables, Woods; and extract of Logwood;
Earths, Clay and Ochres, dry;
Eggs;
Emery;
Emery, Glass, and Sand Paper:
Felt hat bodies, and Hat Felt;
Fire Brick;
Firewood;
Fish;
Fish Oil, in its crude or natural state;
Fish, products of, unmanufactured;
Fishing Nets and Seines;
Fish Hooks, Lines, and Fish Twines;
Flax, Hemp and Jow, undressed;
Flour;
Fruits, green ;
Fruits, dried, the growth of the United States only; while the Rociprocity Treaty is in force;
Furs, Skins, Pelts or Tails, undressed, When imported directly from the United Kingdom or British North American Provinces, or from the United State?, while the Reciprocity Treaty is in force;
Gems and Medals ;
Gold Beater's Brim Moulds and Skins;
Gravels;
Grains-Barley and Rye;
Beans and Peas;
Bear and Bigg;
Bran and Shorts;
Buckwheat;
Indian Corn;
Oats;
Wheat;
Meal of abore Grains ;
Grindstones, wrought or unwrought;
Gums and Rosins, in a crude state;
Gypsum or Plaster of Paris, ground or unground, but not calcined;
Grease and Scraps;
Hams;
Hair-Angoln, Goat, Thibet, Horse or Mohair, unmanufactured ;


Monnaies et lingots ;
Cabinets de monnaies :
Oables de fer, de plus de de ponce de diamètre;
do d'étoupe ;
do d'berbe;
Voitures de royagreurs, et voitures employees au transport des marchandises (les colporteurs et troupes de cirque exceptés) ;
Futailles a eau en usage dans les navires;
Caoutchome et gutta percha non manufactures;
Ciment marin ou hydraulique, non moulu:
Sociétés charitables-dons de hardes pour être distribuees gratuitement par elle ;
Fromage ;
Vêtements pour larmée ou pour la marine, ou pour les tribus saurages, ou pouretre distribués gratuitement par quelque sociéte charitable;
Charbon;
Cochenille:
Coke;
Provisions pone le commissariat ;
Couperose;
Liége ou ecorce de liége ;
Ble-d'Inde ;
Déchêts de coton et de filasse;
Coton en rame;
Crême de tartre cristaliisée;
Diamants et pierres précieuses;
Tuiles à égout pour les fins de l'agriculture:
Drogues employees seulement pour teindre;
Matieres tinctoriales, sav. : Ccorce, baies, droguea, noix, vegetaux, bois et extrait de campêche;
Terres, argiles ct ocres seches;
Eufs;
Emeri;
Papier à émeri, a verre, et papier sablé;
Formes de chapeaux de feutre et feutre pour chapeaux
Brique réfractaire ;
Bois de chauffage ;
Poisson;
Huile de poisson, dans son etat naturel ou n'ayant point subi laction dú féa;
Produits de poisson non manufactures:
Filets et seines de pêche;
Hameçons, lignes et fil ì rets;
Lin, chanrre et étoupe, non préparée ;
Fleur de farine ;
Fruits verts;
Fruits secs, des Etats-CDis seulement, tant que le traité de réciprocité sera en force;
Fourrures, peaus', pelletcries on queues, non préparées, lorsqu'elles sont importées directement du Royaume-Uni ou des provinces de l'Amérique Britannique du Nord, ou des Etats-Unis, tantque le traité de réciprocité sera en force :
Pierres précieuses et médailles;
Chauderets et peaux pour les batteurs d'or;
Graviers ;
Grains-Orge et seigle;
Fêves et pois ;
Orge perlée et mondée;
Bran de son et son gras ;
Sarrasin:
Ble-d'inde;
Avoine;
Ble;
Farine des grains ci-dessus :
Pierres à meules, travaillées ou non :
Gommes et résines, id l'etat neturel ;
Gypse ou plâtre de Paris, moulu ou non, mais non calciné;
Graisse et graillons :

## Jambons;

Crin d'Angola, de chèvre, du Thibet, de choval ou de chèrre de Turquie, non manuf

## Hemp;

Hides;
Horns;
Houschold Furniture and Effects that have been in actual use for one month or more, of persons coming to settle in lhis l'rovace, and in charge of the owner;
Household Effects, personal, not merchindise, of snbjects of Her Majesty, domiciled in Canada, but dying abroad;
Indigo:
Inventions and Improrements in the Arts, Models, or patterns of,-provided that no article shall be deemed a model which can he fitted up for use;
Junk and Oakum;
Lard:
Lime, the produce of British North American Provinces only;
Machinery, models and patterns of-provided the same be not put to actual use;
Manilla grass ;
Manures of all kinds ;
Marble in blocks or slabs, unpolished;
Meats, fresh, smoked and sali;
Menageries-horses, cattle, carriages and harnesses of, subject to Regulations by the Governor in Council ;
Military Clothing for Her Majesty's troops, or Militia;
Military Stores and Materiais for Military Clothing, imported for the use of the Provincial Militia, under such restrictions as may be passed by the Gorernor in Council;
Mosses and Sen Grass, for Upholstery purposes;
Musical Instruments for Military Bands;
Nitre or Saltpetre:
Oakum;
Oils-Coroa-Nut, Pine and Palm, in their crude, unrectified or a atural state;
Uil Cake or Linsued Cake;
Ordnance Stores;
Ores, of all kinds of Metals;
Osier or Willow, fur Baskemakers use;
Packages of all kinds, in which goords are usually imported, except the following, viz.:-Spirit. Wine, (il, Becr, Cider, and other casks for the containing of liquid, Bastiets of erery description, Trunks, Suuft Jars, Earthentrare Jars, Glass, Jars, Bottles, and Barrels containing Grain, Seeds and Peas;
Pig Iron, Fig Lead, and Pig Copper ;
Pitch and Tar ;
Philosophical Instruments and Apparatus, Globes ;
Plants, Shrubs and Trees:
Printing Ink and Printing Presses;
Provisions for Army or Navy or Indian Nations;
Rags;
Resio and Rosin;
Rice:
Sąil Cloth;
Sal Sod: ;
Eral Ammoniac;
Sult;
-crap Erass ;
Sceds, for Agricultural, Horticultural, or Manufacturing purposes only ;
Ships' Blocks;
Binuacle Lamps;
Buntiny;
Canvas, Sail, Nos. 1 to 6 ;
Comprases;
Dead Eyes;
Dead Lights;
Deck Plugs;
Shackles;
Sheaves;
Signal Lamps;
Travelling Trucks;
Cordare wherh upon importation shall have paid the duty of Customs, shall be entitled to Draw-back under the Stb Sec. 22 Vic., cap. 76, when applied to ship-1 buiding purposes, and under'such regulations as the Gorernor in Council may make;

## Chanvre;

Pcaux crues ;
Cornes;
Meables et effets de ménage qui ont servi pendant an mois ou plas $\mathfrak{i}$ des personnes renant s'etablir en cette province, et en possession du proprićtaire;
Effets de ménage non dans le commerce, qui ont appartenu ì des sujets de Sa Majeste qui avaicnt leur comicile en Canada, maisqui sont décédés al l'étranger; Indigo ;
Modedles dinrentions et ameliorations dans les arts; pourva qu'on ne paisse les considérer comme importés pour en faire usage ;
Vieur cordage et cordage dépêcé ;
Saindonx;
Chaux de prorenance des provinces de l'Amérique Britannique du Nord seulement;
Modeles et patrons de machines,-pourva qu'ils ne puissent etre mis en usage ;
Herbe de Manille;
Engrais de toutes sortes;
Marbre en blocs et en piẹces plates non polies ;
Viandes fraiches, fumées et salées;
Chevaux, bestianx, roitures et harnais de menargeries, sujets aux règlements que pourra faire le gouverneur en conseil ;
Habits militaires pour les troupes ou la milice de Sa Majesté;
Munit. de guerre et effets et march. pour habit's mil., importés pour l'usare de la milice prov., sujets a tels restrictions et réglements que le gour. en conseil prescrira;
Mousses et foin de mer, pour les tapissiers;
Instruments de musique pour les corps de musique militaire;
Nitre ou salpetre;
Etoupe ;
Huiles-beurre de cacao, résine de pin, huile de palme-dans leur état naturel; Pain de lin;
Munitions d'artillerie ;
Minérais de toute espèce ;
Branches d'osier ou de sanle; préparées pour lusage des ranniers;
Colis de toute espèce dans lesquelles des marchandises sont ordinairement importées, excepte les colis de' spiritueux, vin, huile, bicre, cidre, et autres futailles, cont. des liq., les pan. de toute esp., les codires, les jarres cont. du tabac a priser, jarres en faience, jarres en verre, bouteilles, et les barils contenant du grain, des graines et des pois;
Fer, plomb ct cuivre, en saumons;
Brai et goudron;
Instruments et appareils de physique et globes;
Plantes: arbrisseaux et arbres;
Encre i imprimer et presses à imprimer;
Provisions pour l'armé, la marine ou les tribus sauvages;
Guenilles ;
Résine et colophane;
Riz;
Toile à voile ;
Sel de soude;
Sel ammoniac;
Sel;
Guirre en boulons:
Graines pour les fins de l'ugriculture, de l'horticulcure, ou de manufactures seulement; Poulies' de navire:
Lampes d'habitacle;
Etamine ;
Canevas, roiles, Nos. 1 à 6 ;
Compas;
Caps-de-mouton:
Faux sabords;
Tampons de pont;
Anncaux de fer;
Roues de poulies;
Lampes à signaux;
Margouillets;
Le cordage qui aura payé le droit de douane à limportation sera sujet à la remise du droit en vertu de la 8 e cláuse de la 22 Vict., ch. 76, lorsqu'il devra être emploré aux fins se rattachant à la construction des vaisseaux, et cela conformément aux réglements que le gouverneur pourra faire en conseil ;

## Ships' Water Casks in use ;

## Silk Hat Felts ;

Soda Ash;
Sago Flour ;
Scutching Machines,-from 28th October to 31st December, 1863 ;
Specimens of Natural History, Mineralogy, or Botany;
Stone, unwrought ;
Slate;
Stercotype Blocks; for printing purposes ;
Statues, busts and casts, of marble, bronze, alabaster or plaster of Paris, paintings and drawings us works of Art, specimens of sculpture, cabinets of coins, medals, gems, and all collections of antiquities;
Sulphur or Brimstone;
Tin and Zinc or Spelter in block or Pig ;
Tallow ;
Teasels;
Timber and Lumber of all kinds; round, hewed, sawed, unmanufactured in whole or in part;
Tobacco, unmanufactured;
Tools and Implements of Trade of Handicraftsmen arriving in Oanadn, when accompanied into the Province by the actual Settler, and brought in by such Settler for his own use and not for sale;
Treenails;
Turpentine, other than Spirits of Turpentine;
Type Netal, in blocks or pigs;
Varnish, bright and black, for ship-builders, other than Copal, Carriage, Sheilac, Mastic or Japan;
Vegetables, not elsewhere specified;
Vehicles of Travellers, except those of Hawkers and Pedlars ;
Water Lime, unground;
Wine, Spirits and fermented Liquors of all kinds, imported for Officers' Mess and the packages containing the same;
Wood for hoops, when not notched;
Woods of all kinds;
Wool:
All importations for the use of Her Majesty's Army and Nary serving in Canada; or for the public uses of the Province;
Silver or Plated ware, Glassware, Chinaware, Table linen and Cigars, imported especially by and for the use of any Regimental Mess of Officers of Her Majesty's Army serving in Canada. shall be admitted free of duty under such regulations as may be determined by Urder in Council;
All articles imported by and for the use of the Governer General shall be admitted free of duty;
All articles imported for the use of any Consul of a foreign Country, being a Subject or Citicen of the foreign Uountry he represents, and not engaged in commercial business or professional pursuits, sball be admitted free of duty .

## Tabls of Prohibitions.

The following articles are probibited to be imported under a penalty of fifty pounds, may be found :
Books, drawings, paintings, and prints of an immoral or indecent character ; Coin, base or counterfeit.



#### Abstract

together with the forfeiture of the parcel or package of Goods in which the same


Books-Foreign Reprints of Britisb Copyright Works, are subject to $12 \frac{3}{2}$ per cent $12 \frac{1}{2}$ per cent. duty, by Order in Council, under authority of 13 and 14 Vic., cap. 6.

## Futailles à eau pour l'usage des vaisseaux ;

Fentre à chapeaur de sole;
Cendre de soude;
Fleur de Sagou;
Machines à brayer le lin, - du 28 octobre au 31 décembre 1863 ;
Echantillons d'histoire naturelle, de mincralogie ou de botanique;
Pierre brute;
Ardoise;
Blocs de sterćotspes, (cliches,) pour les fins d'imprimerie,
Statues, bustes et empreintes en marbre, en bromze, albâtre ou platre de Paris; peintures et dessins comme ceuvre d'art ; echantillons de sculpture, cabinets de monnaies, medialles, pierres précienses et toutes collections d'antiquités;
Soufre en pierre ou en poudre;
Etain et zinc ou spelter en sanmons on en gueuse ;
Suif;
Chardons à carder;
Bois de charpente et de construction de toute espece, rond, avive, scie, non manufacture en tout ou en partie ;
Tabac non manufacture;
Ontils et instraments douvriers venant en Canada pour y demeurer, et qu'ilsapportent pour leur propre usage, mais non pour vendre:
Gournables ;
Térébenthine, autre que l'esprit de terébenthine;
Métalà caractères typographiques, en blocs ou en saumons;
Fernis luisant ét noir, pour les constructeurs de navires, antre que la résine copale, que le vernis pour les voitures, que la laque plate, le mastic, ou le rernis du tapon
Végétaux, non spécifiés ailleurs;
Voitures de voyageurs-celles des colporteurs exceptées;
Chaux hydraufique non moulue ;
Vin, spiritueax et liqueurs fermentes de tout espece, importes pour tont ordinaire d'officiers, et les colis qui les contiennent;
Bois pour cercles, mais non encochés;
Bois de toute espèce;
Esine:
Tontes importations pour l'usage de l'armée et dela marine de Sa Majesté on Canada, ou pour les fins publiques de la province ;
La vaisselle d'argent ou plaquée, la verrerie, porcelaine, nappes et cigares importés spécialement pour l'usage de l'ordiauire des officiers de régiments servant en Canada, seront admia francs de droits, selon telles restrictions qui pourront etre éjablies par ordre en conseil;
Tous les articles importés par le gouverneur génénal et pour son usage seront admis francs de droits';
Tous les articies importés pour l'usage d'aucun consul d'un pays étranger, étant sujet ou citoyen dupays étranger qu'il représente et non engage dans les affaires commercieles, seront admis francs de droits.

## Tableau des prohibitions.

Limportation des articles qui suivent est prolibée sous peine d'une amende de cinquante louis, et de confiscation du colis contenant ler dits articles:
Livres, dessins, peintures et gravures dun caractere immoral on indécent:
Konnaie affaiblie ou contrefaite.

Livres-Lee réimpressions étrangères doarrages anglais soumis au droit de propriété littoraire paieni un droit de l2t par cent par décret du conseil, ea vertu des lie et 140 Vic., chap. 6.

Lifires. |

## eะ.

## To His Excellency the Right Honorable Charles Stanley, Viscount Monck, Governor General of British North America, $\mathscr{\sigma}^{\circ} \mathrm{c}, \mathfrak{O}^{\circ} \mathrm{C}$., $\mathfrak{\sigma}^{\circ} \mathrm{c}$.

3ay it Pleabe Your Excellency,

The undersigned has the honor to present to Your Excellency the Tlables of the Trade and Navigation of the Crovince, for the year 1863, together with the Report of the Commissioner of Customs and Excise thereon.

All which is respectfully submitted.

L. H. HOLLTON,<br>Minister of Finanoe.

Quebee, 28th March, 18 iff

# FINANCE DEPARTMENT, Costoms, March 28th, 1864. 

To the Mon. L. H. Horton. M. P., Minister of Einance.

Sir,-I bed leave to lay before you the Trade and Navigation Tables of the Province for the year 1863, compiled from the Returns transmitted to this Ofice by the Collectors of the varinus branches of the Revenue arising from Customs, Exeise and Canal Tolls.

The whole imporatious for 1863 amotnt in value to $\$ 45,964,493$.
Of which were imported-

$$
\text { From Great Britain ................... ............... } \$ 20,177,572
$$

". British Colonies. .... .. ..................... 642,908
" the United States . ......... .................. 23,109,362
" other Foreign Countrics ................... 2,034,651
The total amount of the importations, classed with reference to duties avd exemptions, shows the following result, viz :-

Value of Dut:able Goods ........................... $\$ 22,938,270$
Free Goods, other than Coin and Bullion ........ 18,373,93;
Coin and Bullion. .................................... 4,652,287
Compured with Is6:, there has been a falling off in the importations, as follows:-
The decreasc has been-
From Great Britain
\& 1,001,740
" the United States
2,063,795
Tbe increase-
From the British Colonies ......................... \& 68,588
"Foreign Countries other than U. S........ 360,807
429,395
Showing an aggregate decrease of ................ ........................... $\$ 2,636,140$
The Collections, however, owing to the increased duties on Tes, Coffee, Sugar, and Molasses, imposed in Juce, 1862, compare more favorably with the past year, the revenue from Customs for 1862 haring been $\$ 4,652,748$, against $\$ 5,169,173$ for 1863 , or an increase of $\$ 516,425$.

# A Son Excellence le Très-Honorable Charles Stanley, Vicomte Monck, Gouverneur-Général de l'Amérique Britannique du Nord, etc., etc., etc. 

## Platse a Votre Excellenoe:

Le soussignéa l'honour de presenter à Votre Excelience les tableaus du mouvement du commerce et de la pavigation de la province pour 1863 , aiusi que le raphort du commissaire des douanes et de l'accise sur le même sujet.

Respectueusement soumis.
Québec, 28 mars 1864.

L. H. hOLTON.<br>Ministre des finances.

## DEPARTE KENT DES FINANCES, DOUANEB, 23 MARS 1864.

\begin{abstract}
A l'honorable L. H. Holton, M.P., Ministre des Finances.
Monsievr,-J'ai l'honneur de pous transmettre les tableaur du nouvenent du com. merce et de la navigation de la province pour 1863, compiles sur les rapports trarismis it ec département par les percepteurs des diverses branches du revenu des douates, de l'accise et des canaux.

En 1863, les importations se sont élevées à..... ............ $545,964,493$
Et ces chiffres se décomposent comme suit :-

| nde-Bret | 20,177,572 |
| :---: | :---: |
| Des colories anglaises | 642,908 |
| Des Etats-Unis. | 23,109,362 |
| Des pays étra | 2,034,651 |

Le mońant total des importations, distinction faite entre les articles imposables d'avec ceux exempts de droits, se décompose ainsi :-

Montant des marchandises imposables.............822,938,270
Marchandises exemptes de droits, autres que les espèces et lingots................................ 18,378,936
Espèces et lingots................................... 4,652,287
Comparées a celles de 18ij2, les importations ont subi les diminutions suivantes:-
De la Grande-Bretagne......................... .... $\$ 1,001,740$
Des Etats-Unis..................... .................... 2,063,795
$3,065, \overline{6} 35$
Augmentation-
Des colonies anglaises.... . ......................... $\$ 68,588$
De pays étrangers autres que les E.-U............. 360,807
429,395
Total de la diminution
82,636,140
Les perceptions, cependant, ont atteint un chiffre plus elere que celles de l'an dernier. Grace a l'augwentation; des droits sur le thé, le café, le sucre et la mélasse, décrétée en juin 1862, le revenu des douanes, qui ne s'est élevé qu'à $\$ 4,652,748$ en 1862, a até de $\$ 5,169,173$ pour 1863 , ce qui donne une augmentation de $\$ 516,125$.

The Exports of the Province are shown to have amounted, in 1863 , to $\$ 41,831,532$, an incre:s se of upwards of $\$ 8,000,000$ over 1862. This large increase is chiefly referrible to the exports of Timber and Lumber; that item alone, under the head of Produce of the Forest, having exceeded, by more than $\$ 4,000,000$, the exports of the preceding year.

It is also worthy of note, as indicatise of the prosperity of one important branch of the indnstry of the Province, that, whilst the value of ships built and exported at Quebec in 1862 amomed to only $\$ 988,428$, it rose in 1863 to $\$ 2,287,901$, sherwing an increase in the latter over the former gear of $\$ 1,299,473$, or rather more than 131 per cent.

The Returns of Distillation and Brewing show a decrease in the manufacture bath of Spinits and Malt liquors, viz:-


The decrease in the distillation of Spirits may be accounted for by the fact that thirty-two Distilleries were partially or wholly closed during the year, whilst the falling off in the manufacture of Malt Liquors may, to some extent, be explained by the suspended operations of 27 Breweries in Upper Canada, in which section of the Province the decrease is shown by the Returns to have been 437,023 galls., the inorease in Lower Cunada being 33,350 galls.

The average yield of spirits per bushel of grain, as returned by the Collectors of Inland Revenue, shows some improvement this year upon the product of last year, viz:

$$
\begin{aligned}
& \text { In 1862, yield per bushel............................... } 2 \frac{1}{12} \text { Galls. } \\
& \text { Iu 1863, } \because \quad \because \quad \text {........................... } 2 \frac{1}{5} \text { " }
\end{aligned}
$$

With regard to the trade of the Provincial Cauals, a glance at the two comparative Statements, Nos. 11 and 12, will show that there has been some falling off in the movement of goods on the Welland and St. Lawrence (lanals in 1863, as compared with 1862, the decrease on the Welland being $8.26 \%$, and on the St. Lawrence $7.19 \%$-compared. however, with 1860, the increase on the Welland has been $20.73 \%$ and on the St . lawrence $22.15 \%$. On the Chambly Canal, the increase in 1863 over 1862 was $37.45 \%$, and over $1860,16.67 \%$.

The arerage decrease of the movement of property on the six canals in 1863 , compared with 1862 , is a fraction less than $2 \%$; but, when compared with 1360 , the six canals show an aggregate increased traftic of $18.13 \%$.

The Tolls, wholly abrogated in May, 1860, on the St. Lawrenee, Burlington Bay and Ottawa Canals, were re-imposed on the 13th April, 1863.

The gross collections from tolls on all the Provincial Canals, in 1863, amounted to $\$ 385,220.21$; in 1862 , to $\$ 213,487.41$, representing the tolls collected on the Welland and Chambly Canals only, the other Canals being free.

All which is humbly submitted.

## R. S. M. BOUCHETTE, <br> Commissioner of Customs and Excise.

Les exportations de la province en 1863 figurent pour le chiffre de $\$ 41, \$ 31,532$, ce qui donne une augmentation d'au-dela de $\$ \$, 000,000$ sur celles de $186 \%$. Ce surcroit est principalement dû aux exportations des bois de construction. Cet item seul, sous le chef de produits de la forêt, excede de plus de $\$ 4,000,000$ celui de l'année précédente.

Comme indice de la prosperité d'une branche importante de l'industrie, il est a propos de faire remarquer que les navires coustruits it Québec et exportés en $186 z$ ne s'élèvent qu'a la somme de $\$ 988,4 \geq 8$, tandis qu'en 1863 cette construction a atteiut le chiffre de $\$ 2,287,901$, ce qui donne sur l'année précédente une augmentation de $\$ 1,299,473$, ou uı peu plus de 131 pour cent.

Les tableaux indiquent qu'il y a diminution dans la fabrication des spiritueux et des liqueurs de malt.

| $\underset{\text { Spiritueux fabriques en }}{\text { s }} 1862$. | $\begin{aligned} & 3,875,073 \text { galls. } \\ & 3,661,66 \mathrm{~S} \text {. } \end{aligned}$ |
| :---: | :---: |
| Moins en 1863. | 153,405 |
| Liqueurs de malt, 1862. | 5,920,296 |
| " ${ }^{\text {c }} 1863$ | 5,566,623 |
| Moins en 1863. | 353,673 |

Dans la fabrication des spiritucux, la diminution peut être attribuce a ce que 32 distilleries ont eté partiellement ou totalement fermees durant l'annee, et la diminution dans la quantité des liqueurs de malt s'explique aussi par la fermetare de 27 brasseries dans le Haut-Canada. Pour cette section de la province, les tableaux donnent une diminution de 437,023 gallons, et pour le las-Canada une augmention de 83,350 gallons.

La moyennc de la quantité de spiritueux produite par boisseau de grain est donuée, dans les rapports des percepteurs du revenu de l'intéricur, comme excédant un peu celle de l'an dernier, saroir:

> En 1862, par boisseau. $2 \frac{1}{12}$ galls.
> Eu 1863, par boisseau............................................ $2_{5}^{1}$ "

Quant it la circulation sur les canaux de la province, un coup-d'oil jeté sur les tableaux comparatifs Nos. 11 et 12 fera voir qu'il y a eu diminution dans le mouvement des canaux Welland et duSt. Laurent, celle du camal Welland étant de $8.26 \%$, et celle des canaux du St. Laurent, de $7.19 \%$. Dependant, comparée aree celle de 1860 , il'y a augmentation de $20.73 \%$ pour le canal Welland, et de $22.19 \%$ pour les canaux du St. Laurent. Pour le caual Chambly, le mouvement de 1863 a été $57.45 \%$ plus considérable qu'en 1862, et de $16.67 \%$ de plus qu'en 1860 .

Comparce à celle de. 1862, la moyenne de la diminution dans le mouvement des six canaux en 1863 est de $2 \%$ de moins, mais comparee it celle de 1860 , le trafic des six canaux figurent pour une augmentation collective de $18.13 \%$.

Tes perges complétement abolis, en mai 1860 sur les canaux du St. Laurent, de la Baie de Burlington et de l'Outaouais, ont été rétablis le 13 avril 1863.

En 1863, le montant brut des perceptions sur tous les canaux de la province s'est eleve à $\$ 385,220$; en 1862, à $\$ 213,487.4 .1$, c'est-i-dire les péages pergus seulemcut sur les canaux Welland et Chambly, la circulation sur les autres canaux étant exempte de péage..

Le tout respectucusement soumis.

R. S. M. BOUCHETTE,<br>Commis. des Douanes et de l'Accise.




27 Victoria.


| PORTE | Total Quantity. Quantict totale. | Total Yalue. <br> valeur totale. | contectioneri-Imported from-Confiserie-Importio |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | G:eat Britain. <br> Do la Grande Bretagne. $\qquad$ |  | Colonics. <br> Britanuiquos.) <br> West Indios. <br> (Des In.eso cci- <br> Ion tales.) | United States. <br> Des Etats-Unis. | $\left\lvert\, \begin{gathered} \text { Foroign } \\ \text { Countries. } \\ \text { Dies } \\ \text { Pass etrangers. } \end{gathered}\right.$ |
|  |  <br> 113,215 |  | \$ | : | - |  | - |
|  |  |  | Ti4 | 97 |  |  | ................ |
| Hamilton .............................................. |  |  | 695 |  |  |  | $\cdots$ |
|  |  |  | 231 | $\ldots$ | .... |  |  |
| Montroal |  |  |  |  |  |  |  |
|  |  |  | 473 | ...... |  |  | ${ }_{54}$ |
| Sault Ste Marie, F.P* Toronto <br> Other Ports-Autres ports <br> Totals. $\qquad$ $\qquad$ $\qquad$ |  |  | ${ }_{846}^{54}$ | -................ | ...... |  |  |
|  |  |  | ${ }_{13}$ | … ${ }^{\text {anc.......... }}$ |  |  | ............ |
|  |  | 19,593 | 9,467 | 102 | $\ldots \ldots . . . . . . . . . . . . . . . . . ~$ |  | 1,083 |
| SUGAR-Rofinod: |  |  | SUCRE-Rañinc. |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Gaspé \& Outports, F.P.*-Ports extérieurs <br> Inmilton <br> London... <br> Montren <br> Quebec . <br> ault Ste. Mario, F.P. <br> Other Ports-Autres ports. |  |  | $\begin{gathered} 1,887 \\ \substack{1,825 \\ 1,100} \\ 1,10 \end{gathered}$ | ${ }^{\text {a }}$ | ................... |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  | -1...... | . |  |  |
|  |  |  | 8,966 | -.................. | ............... |  |  |
|  |  |  | $\begin{gathered} 234 \\ 27 \end{gathered}$ |  |  |  |  |
| $\ldots \ldots . . . . . . . . . . .$. | 612,099 | 41, $5: 1$ | 22,947 |  |  | 8,.386 |  |

## 27 Victoria. <br> Sessional Papers (Documents) No. 3.



27 Victoria. Sessional Papers (Documents) No. 3.
A. 1864

STATEMENT OF IMPORTS.-Continued.-TABLEAU DES IMPORTATIONS.-Suite.

|  |  |  | - |
| :---: | :---: | :---: | :---: |
|  | $*$ <br>  |  |  |
|  |  |  |  |
|  | $\begin{gathered} - \\ \\ \\ \\ \\ \end{gathered}$ |  |  |
|  |  |  |  |
|  | - |  | - ¢ |
|  |  <br>  |  |  Finnem iximiois $\qquad$ |
| d 0 0 0 0 0 |  <br>  |  |  |

## 27 Victoria. <br> Sessional Papers (Documents) No. 3. <br> A. 1864



27 Victoria.
Sessional Papers (Documents) No. 3.
A. 1864


27 Victoria.
Sessional Papers (Documents) No. 3.


27 Victoria.
Sessional Papers (Documents) No. 3.
A: 1864
No. 1.-STATEMENT OF IMPORTS.-Continued-TABLEAU DES IMPORTATIONS,-Suite.

| PORTS. | Total Quantity. Quantité totale. | Total Value. <br> Valour totale. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\begin{gathered} \text { Groat Britain. } \\ \substack{\text { Dot } 1 \text { ITrande } \\ \text { Brotagno. }} \end{gathered}$ | (Dos Colonies Colonies. |  | United States. <br> Des Etata-Unis. |  |
|  |  |  |  | $\left\lvert\, \begin{gathered} \text { North Anmerica. } \\ \text { (De M'Ameriquo } \\ \text { du Nord.) } \end{gathered}\right.$ |  |  |  |
|  |  | ${ }_{560}$ | \$ | -s | - ${ }^{\text {d }}$ | ${ }_{560}$ | \$ |
| Bytomn......................................... | , | ${ }_{537}^{771}$ |  |  |  | ${ }_{771}^{772}$ | ........... |
|  |  |  | -3.................. | .................. |  | 1,355 |  |
| ${ }_{\text {L }}^{\text {Kingston ..... }}$ | $\cdots$ | 611 583 |  |  |  | $\begin{aligned} & 611 \\ & 588 \end{aligned}$ | ...... |
| l Mantral........................................ |  | ${ }^{3,663}$ |  | ................... | ................. | 3,613 | - |
| Toronto...... ........................ Other Ports-Autres ports | - | ${ }_{\substack{2,473 \\ 1,405}}^{\text {a }}$ | 15 |  |  | $\xrightarrow{2,3,35}$ |  |
|  |  |  |  | -............... |  |  |  |
|  | ....... | 12,548 | 553 | ....................\| | \|................... | 11,995 |  |
| brooms and b | brusams. |  |  |  | baidse mt bross | SES. |  |
|  |  | ${ }_{158}^{8}$ | s | ${ }^{8}$ | ${ }^{\text {a,............ }}$ | \$158 | 8 |
| Casped Outports, F.P*-Ports exteriours |  | ${ }_{711}^{179}$ | 286 | ${ }_{\text {si }}$ | ................... | ${ }_{36}^{26}$ |  |
|  |  | ${ }_{\text {l }}^{1,081}$ | ${ }_{63}^{288}$ | --1................... | -.... | 迷 | 4 |
| Ruabee ................................................ |  | ${ }_{\text {, }}^{3,783}$ | 2,986 | -.............. ..... | ....... | ${ }^{883}$ | 79 |
|  | .............. | ${ }^{2,9375}$ | 2.566 |  | ................. | $\begin{aligned} & 245 \\ & 870 \\ & 870 \end{aligned}$ | 176 |
| Totals, |  | 10,740 | 6,027 |  | -......... | 3,604 | ,014 |
| cabinet ware or | furitute. |  |  | ARtioles d'e | ebenisterie on | mevbles |  |
| Amherstburgh ............................ |  | ${ }_{785}^{8}$ | \$ |  |  | ${ }_{785}$ | \$ |



27 Victoria.


27 Victoria.

1.-STATEMENT OF IMPORTS.-Continucd--TABLEAU DES IMPORTATIONS.-Suite.


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A. 1864


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No．1．－STATEMENT OF IMPORTS．－Continued＿TABLEAU DES IMPORTATIONS．－Suite．

|  |  |  |  | $\left\lvert\, \begin{array}{c\|} \text { 总 } \\ \text { 氝 } \\ \text { 苞 } \\ \text { n } \end{array}\right.$ |  | 为 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $$ |  |  | $\stackrel{i}{0}$ |  |  |
|  |  | 6 |  |  |  |  | 囟 |  |
| 弟 |  |  | $\stackrel{\pi}{0}$ |  |  | $\vdots$ $\vdots$ $\vdots$ $\vdots$ $\vdots$ |  |  |
|  |  |  | $\infty$ $\stackrel{\infty}{0}$ $\stackrel{0}{0}$ | $\begin{aligned} & 1 \\ & 1 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ |  |  |  |  |
|  |  |  | $\begin{aligned} & \text { 合 } \\ & \infty \\ & \text { N } \\ & \end{aligned}$ |  | N | 萬 |  |  |
|  |  |  |  |  |  |  |  |  |
|  | c E 0 0 $\sim$ |  | $\begin{gathered} \vdots \\ \vdots \\ \vdots \\ \vdots \\ \vdots \\ \vdots \\ \vdots \\ \vdots \\ \vdots \\ 0 \\ 0 \\ 0 \end{gathered}$ | LEATIER-SHEEP; GALF AND |  |  | 栄 |  |




No. 1.-STATEMENT OF IMPORTS.-Continued.-TABLEAL DES IMPORTATIONS.-Suite.




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27 Victoria. Sessional Papers (Documents) No. 3.
A. 1864


27 Victoria
Sessional Papers (Documents) No. 3.
A. 186.4


27 Victoria.



27 Victoria.
Sessional Papers (Documents) No. 3.
A. 1864



27 Victoria.
Sessional Papers (Documents) No. 3.
A. 1864







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A. 1554


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A. 1864



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Sessional Papers (Documents) No. 3.
A. 1864



| Poits. | Total Quantily. Quantile totale. | $\begin{aligned} & \text { Total Valuo. } \\ & \text { Valeur tutalo. } \end{aligned}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\begin{gathered} \text { Great Britain. } \\ \substack{\text { Doth } \\ \text { Bretagnacicle. }} \end{gathered}$ |  |  | United States. <br> Des Etats-Uuis. |  |
|  |  |  | $\stackrel{ }{ }$ | $\$$ | - |  | * |
|  |  |  | , 3, 1006 |  |  |  | i, |
|  |  |  |  |  |  |  | $\stackrel{108}{ }$ |
|  |  |  |  |  |  |  | , |
|  |  | 21,25 | r,2, |  |  | 12,459 | 1,823 |
| burrstones axd arindstones. |  |  | merres a mbules ot a ntouiser. |  |  |  |  |
| Clarencerillo.............................. |  |  | s |  | \$ |  | s |
| Hamilun ................................ | .................. |  | - |  |  |  | 그… |
| Mrent ${ }_{\text {Mreat }}$ |  |  | 900 |  |  |  |
|  |  |  | ${ }^{223}$ |  |  |  | $\cdots$ |
| $\left\lvert\, \begin{aligned} & \text { Toronit } \\ & \text { Oiner Porss }\end{aligned}\right.$ |  |  | .................. |  |  | ¢ |  |
| Totals |  |  | 1,323 |  |  |  |  |
| nuttri. |  |  | beurre. |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | . | ......... |  | ${ }^{8}$ |
|  |  |  |  |  | ...... |  | - |
|  |  |  |  |  |  | 2,798 |  |

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A. 1864

No. 1.-STATEMENT OF IMPORTS.-Continued-TABLEAU DES IMPORTATIONS.-Suite

| OBt | Total Quantity. Quantité totrale. | Total Value. Valeur totalo. | CABLES-Iron Chain over of an inch in diamoter-Imported from-CABLES-Chaines de fer do plus do \& do pouce de diametre. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Great Britain. <br> De la Grande Bretagne. | British Colonies.(Des Colonies Britanniques.) |  | United States. <br> Des Efats.Unis. | $\begin{gathered} \text { Foroign } \\ \text { Countries. } \\ \text { Deg } \\ \text { puys } \begin{array}{c} \text { ttraugerrs. } \end{array} \end{gathered}$ |
|  |  |  |  | $\left\|\begin{array}{c} \text { North America. } \\ \text { (Dol'Ameriquo du } \\ \text { Nord.) } \end{array}\right\|$ | $\left(\begin{array}{c} \text { West Indies. } \\ \left(\begin{array}{c} \text { (es In.les Oeci- } \\ \text { dentales.) } \end{array}\right. \end{array}\right.$ |  |  |
| nover$\qquad$ |  | ${ }_{744}$ | $\$$ | \|...................... | 5 | $\int_{744}^{s}$ | \$ |
|  |  | ( 844 |  |  | $\qquad$ | 744 | .-.................. |
| Gaepé \& Outports, F.P. $\%$-Ports extericurs Kingston... |  |  | $\begin{array}{r} 827 \\ 5,522 \\ 35,391 \\ \hline \end{array}$ | ......................... |  | ............................ | ............................ |
|  |  | $\begin{gathered} 5,522 \\ 35,938 \\ 357 \end{gathered}$ |  | -1.......... 200 |  | 347547 |  |
|  |  | $\begin{gathered} 557 \\ 820 \end{gathered}$ | 820 |  |  |  |  |
|  |  |  | $42,884 \times 200$ |  | ... | 557 | .......................... |
|  |  | 14,732 |  |  |  | 1,645 | - $-\ldots . . . . . . . . . . . . . .$. |
| CABLES-ITemp and Grass. |  |  | Cables-d'troupo or d'berte. |  |  |  |  |
| Angp\& \& Outports, F.P. *-Portt axitriours Quebeo Siall Sto. Marie, F. P. .$\qquad$ |  | $\begin{array}{r} 8 \\ \hline 213 \\ 4,274 \\ 60 \\ \hline 4,547 \end{array}$ |  |  | \% | \$ | ................... |
|  | ................... |  |  |  | ........................ | $\begin{gathered} 221 \\ 60 \end{gathered}$ | , $+\ldots . . \ldots$. |
|  |  |  | 4,150 |  |  | $28:$ | $\cdots$ |
| caoutchouc, or india rubber nad gutta percha-Unmanufao tured. |  |  | CaOy'cholg et gutta percha - Nou fabriquas. |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | $\begin{array}{r} \$ 34 \\ .34 \\ 29,971 \\ 39,91 \end{array}$ | \$ | 1 $\%$ | \$ | $\begin{array}{r} 8 \\ 34 \\ 38 \\ 34,329 \end{array}$ | s |
|  |  |  | -................ 4 | ….................. | $\square$ |  | $1 . . . . . . . . . . . . . . . . .$. |
|  |  | 40,033 | 4,36\% | \|.................. | .................. | ${ }^{34,391}$ |  |
|  |  |  |  |  |  |  | 1,275 |

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Sessional Papers (Dacuments) No. 3.



27 Victoria. $\quad$ Sessional Papers (Documents) No. 3.
No. 1.-STATEMENT OF IMPORTS.-Continued-TABLEAU DES IMPORTATIONS.-Suite.



27 Victoria.
Sessional Papers (Documents) No. 3.


27 Victoria.
Sessional Papers (Documents) No. 3.
No. 1-_STATEMENT OF IMPORIIS:-Continued-CABLEAU DES IMPORTATIONS.-Siuite.


No. 1.-STATEMENT OF IMPORTS.-Continued.-TABLEAU DES IMPORTATIONS.-Suite.


27 Victoria.



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27 Victoria.
Sessional Papers (Documents) No. 3.
A. 1864
savaos any nsvayd
 Totals :..
GYPSUM or PLASTER of PARIS.

|  |
| :---: |
|  |


No. 1.-STATEMENT OF IMPORTS. - Continued.-TABLEAU DES IMPORTATIONS.-Suite.

27 Victoria
Sessional Papers (Liocumènts) No. 3.
A. 1864
No. 1.-STATEMENT OF IMPORTS.-Continud.-TABLEAU DES IMPORTATIONS.-Suite.

|  | $\begin{aligned} & \text { Total Quantity. } \\ & \text { Qunntité } \text { totale. } \end{aligned}$ | Total Valne. | LARD-Tinnorter from-SAINDOUX-Importe |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Great Britain. De la Grande Bretagne. |  |  | United States. <br> Des Etats Unis. | Rorcign $\overline{\text { Dountics. }}$ pays érrungers. |
|  | ${ }_{\text {L }}^{\text {Lbs }}$ | $\underset{1,068}{\$}$ | \$ | \$ | * | ${ }_{1}^{\$} \mathbf{8}$ | \$ |
| Belleville...................................... Cifton.......................$~$ | 9 9.197 | ${ }_{9} 938$ | ..................... |  |  | ${ }^{1} 938$ |  |
| Conticonk................................... | 年,770 | - 7665 | ... ................ |  |  | 765 1,063 |  |
| Dalhousio................................... | 11,607 2.675 | 1,063 | 108 | -................... | -........................ | 1,063. |  |
| Hamilton.................................... | 113,288 | 7,473 |  |  |  | 7,473 |  |
| Kingston................................... | 39.568 537 5347 | 3,438 190015 | ............. | -...................\| |  | 3,438 |  |
| Mont real ......................................................... Torunto | - | 12,611 | \|..................... | .... |  | 12,611 |  |
| Other Ports-Autres ports........................ | 56,549 | 5,398 | 1.............. |  |  | 6,386 |  |
| Totale | 925,917 | 82,032 | 108 | 167 |  | 81,757 |  |
| LIME-Yrom Britich Norta $\Lambda$ merican Provinces only. |  |  | Cllaté--Des provinces do l'amérique Dritannique du Nord, eeulement. |  |  |  |  |
| Gagpe \& Outports, P.P.*-Porte extéricurs <br> Totals $\qquad$ |  |  |  | 9 |  | $\stackrel{ }{ }$ | 5 |
|  |  |  |  | 9 |  |  |  |
| manilla grass, sba grass and nosses. |  |  | lubrbe de manille, hirbe de mer bt mousse. |  |  |  |  |
|  |  | $\$ 4$ <br> 1,913 <br> 164 <br> 425 <br> 439 <br> 473 <br> 3,311 <br> 847 |  |  |  | $\$ 8$1,913164425139463767796 |  |
|  |  |  |  |  |  |  |  |
|  | ........................ |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  | -1.................. |  |  |  |  |  |  |
|  | .......... .... ..... | 7,57? | 2,695 |  |  | 4,967 |  |



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27 Victoria
Sessional Papers (Documents) No. 3.
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Sessional Papers (Documents) No. 3.
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27 Victoria.
Sessional Papers (Documents) No. 3.
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27 Victoria.
No. 1.-STATEMENT OF IMPORTS.-Continued._TABLEAU DES IMPORTATIONS.-Suite.


No. 1.-STATEMENT OF IMPORTS.-Contimued.-TABLEAU DES IMPORTATIONS.-SSute.



No. 2.-SUMMARY STATEMENT of the Quantity and Value of, and Amount entercd for Consumption during the year 1863, (No. 2:-TABLEAU SOMMAIRE de la quantite, valeur et montant des droits entrées pour la consommation, pendant l'année 1863 ,
25 cents per gall.-Whisky-_( 25 centins par gall.-Whiskey). $\qquad$
 (I) ctrale
Specific and ad valoren-(Specifiques at ad calorcm.)
3 cts. lb. \& 5.p.ct.-Coffee, green-_(3 centins parlb. et f p. c.-Cafe, vert).
" \& 30 —Coffe, Ground or Roasted——(3.c. par 1b. et 30 p. cent-Cafe,

" \& $10 "$ —Sugar, other than refined-( 2 c . par lb . et 10 p . c.-Sucre, autre)............"


- 4 c - par piop. cent
Total Specific and ad valorem-(Total, alecifiquen ot ad valorem).

$$
100 \text { per cent. ad walorsm--( } 100 \text { pour cent ad valorem.) }
$$

* The column of Duties represents the actual amounts received at the different Ports in this Province, (* La colonne des droits représente les montants effectifs reçus aux differeats ports de cutte provinoe, y
of Duty Collected on the Principal Articles of British and Foreign Merchandisc, and indicating from what Country imported.
perçus sur les principaux articles de marchandises' britanniques et etrangères et indiquant de quel pays il ont etté importés.)

| TOTAL TMPORTS. <br> TOTAL DBg XMPORTA- |  | FROM WHAT COUNTRY IMPORTED. de quel pays importes. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Quantities. Quantites. | Total Value. <br> Valeur totule. | Great <br> Britain. Del Grande Bretagne. | $\left\{\begin{array}{c}\text { Britise } \\ \text { Des Colosi } \\ \text { Nra } \\ \hdashline \begin{array}{c}\text { North } \\ \text { America. } \\ (D e ~ l i A m e ~ \\ \text { rique du } \\ \text { Nord. }\end{array} \\ \hline\end{array}\right.$ | Colonies. <br> es Britan- <br> West <br> Indies. <br> (Des Indes <br> Occiden- <br> tales. | $\begin{gathered} \text { United } \\ \text { States. } \\ \text { Des Etats- } \\ \text { Unis. } \end{gathered}$ | Other <br> Foreign Countries. <br> D'autres pays etrangers. | Amount of Duty.* <br> Montant des droits." |
| 29,002 | $\stackrel{\$ 0,055}{\$}$ | $\stackrel{\$}{15,007}$ | \$ 35 | \$.... |  | \$ | $6,001 \$ 12$ |
| 39,686 | 42,567 | 60 | 61 |  | 42,446 |  | 9,881 30 |
|  | 61,622 | 15,087 | 95 |  | 46.459 |  | 15,882 42 |
| 1,112,078 | 170,101 | 40,397 | 6,554 | 1,357 | 100,846 | 18,007 | 40,821 49 |
| 31,546 | 4,351 | 857 | 123 | ............. | 3,371 |  | 1,676 86 |
| 113,215 | 19,593 | 9,467 | 102 | ... | 8,941 | 1,083 | 5,913 12 |
| - 612,099 | 41,831 | 22,947 | 326 |  | 18,356 | 172 | 22,496 55 |
| 36,292,711 | 1,541,323 | 238,848 | 101,251 | 102,480 | 618,599 | 480,145 | 875,058 14 |
| 1,583,139 | 288,178 |  | 44.775 | 23,360 | 145,152 | 74,797 | 101,547 23 |
| 4,976,468 | 1,835,328 | 1,170,488 | 6,345 |  | 259,848 | 398,647 | 463,686 60 |
|  | 3,800,705 | 1,486,038 | 159,476 | 127,197 | 1,155,1/43 | 972,851 | 1,511,199 99 |
| 225,638 | 80,403 | 42,348 | 522 |  | 2,063 | 35,772 | 60,688 46 |
| 42,148 | 19,168 | 11,242 | 2,497 | 3,231 | 971 | 1,227 | 14,097 40 |
| 283 | 229 | 169 |  |  | 60 | ........... | 5783 |
| 3,985 | 4,508 | 2,414 |  |  | 385 | 1,690 | 4,508 37 |
| ................. | 104,308 | 56,171 | 3,319 | 9,231 | 3,489 | 38,098 | 78,352 06 |
| 107,882 | 46,650 | 5,496 | 19 |  | 26,302 | 14,833 | 18,527 32 |
| $\begin{aligned} & 81,004 \\ & 19.990 \end{aligned}$ | 13,232 23,555 | 3,713 23,299 | 93 | ............ | ${ }^{9,516}$ | 45 | 3.82561 |
|  | 3,935 | 2,197 |  |  | 1,73s |  | 1,176 91 |
| 86,374 | 134,432 | 21,312 | 1,279 |  | 4,704 | 107,137 | 38,978 25 |
| 38,660 | 11,085 | s,688 |  |  | 2,396 |  | 3,325 85 |
| 20,005 | 2,201 | 348 | 40 | ............. | 1,812 | 1 | 62604 |
|  | 15,845 | 6,505 | 60 | 463 | 540 | 8,277 | 4,734 80 |
|  | 38,162 | 4,062 | 44 |  | 33,225 | 831 | 11,957 15 |
| 27,361 | 6,128 | 19,057 |  |  | 6,119 5,853 |  | 1,836 20 |
| 408,030 273,089 | 29,165 14,495 | 19,057 6,208 | 677 20 |  | 5,853 8,267 | 3,578 | 7,395 <br> 4,328 <br> 21 |
| 280,258 | 64,926 | 4,458 | 8,248 |  | 54,101 | 119 | 13,834 89 |
| ......... ........ | 357,161 | 99,856 | 8,462 | 463 | 128,389 | 118,981 | 99,000 74 |

and includes fractions, but not the Duties on Goods imported into the Free Ports. ompris les fractions, mais non les droits sur les marchandises importees dans les ports francs.)

No. 2.-SUMMARY STATEMENT of the Quantity and Value of, and (No. 2.-TABLEAU SOMMAIRE de la quantité, valeur st montant

## $\triangle$ BTICLES.

Manufactures of Leather-Boots and Shoes-(Proluits manufacturés de cuir-Bnttes et souliers)
do
do Clothing or Wcaring Apparel, mado by bund or Sewing Machine-_I INardes faites a la main ou au moyen de machines $\mathfrak{i}$ coudre )............................................................................ ........ ...

Total 25 per cent. ad valorem-(Total 25 pour cent ad ralorem)..

$$
20 \text { per cent. ad valorem- ( } 20 \text { pour cent ad valorem.) }
$$

Bagatelle Boards \& Billiard Tables, \& furnishings-(Tables do bagatelle et de billard, et accessoires) Broums and Brushes, of all kiuls--(Balais et brosses de toute especte). Cabinst Warc or Furniture- (Ebénisterie ou meubles)
 Carpets and Henrth Rugs-(Tapis et paillassuns)
Carriages - (Voitures)
Carriages-(Voitures)
Coach and Harness Furniture-(Fournitures de voiture et de sellerio
Chandeliers, Girondoles, Gas Fittings-(Chandeliers, girandoles, arpareils à gaz)
Cbinaware, Earthen ware, and Crockery - - Porcelaine de Chine, poterie et fatience) Cider-(Cinre)... Cocoa and Chocolate -............................
Cacao et chocolat).
Cordage-(Cirdages)..............
Cottons-(Cotons).
 Essences and Perfumery-(Drogues, non autrement specifices) Essences and Perfumery--(Essences et parfu
Fancy Gnods and Mi.liaery- (Marchandises do
Foreign Newspapers_ (Journanx étrangers de mode) ....................................................................................... Fireworks- (Pièces de feu d'artifice).
Gunpowler-(Poulre a tirer).
Guns, Rides, and Fire Arnis of aill kinds-(Fusils, carabines et armes a feu de toute espèce)
Glass and Glass Ware-(Verre et verrerie)
(asquettes et cbapeaux de femme)
Hay - iFoin) (1.................................................................................................................................... Tons Hops-(Euablon)........
Inosiery of (Bonncterie) ............................................................................................. Inks of all kinds, except Printing Ink-( Banher or Plank. manulacture ( quincilierie) (Bois de sunstruction ou planches, fabriques)
Lentber- (Cuir) ….................... .................................................................................
 chamois-préparés)
Locomotive Engines and Railroid Cars-(Locomotives et chars de cbemin de fer) ................................ Micarnni anil Yerraicelli- (Macaruni et vermicelle) ....
Manufiletures of Marble- (Produits fabriques de marbre)

*The column of Duties represents the actual amounts received at all the ports in this Province, and
(* La colonne des droits represente les montants effectifs regus aux differents ports do cette province, $\bar{y}$

Amount of Duty Collected on, the Principal Articles.-Continued des droits perçus sur les principaux articles, etc.-Stuite.)

includes Fractions, but not duties on goods imported into the Free Ports.
compris les fractions, mais non les droits sur les marchandises importees dans les porta franca.)

No. 2.-SUMMARY STATEMENT of the Quantity and Value of, and (No. 2.-TABLEAU SOMMAIRE de la quantité, valeur et montant

## ARTICLES.

20 per cont.ad valorcm.-Continued.-(20 pour cent ad valorein.-Suite.)
Manufactures of Fur, or of which Fur is principal part-(Produits fabriques do fourrures un dane los-
$\begin{array}{ll}\text { do quels la fourrurs ent la principale pair } \\ \text { do } & \text { of Papier Machén frabriqués de erin) }\end{array}$

do d'ofier, de feuille de palmier, paille, baloine. ou de saulo)..............................
of Bone, Sholl, Horn, Peurl, Ivory - (Produits fabriqués d'os, décaile, corne, nacre de

of Gold. Siviver, or Electro-plate, Argentine, Albata, and German Silver, and Plated and
Gilded Ware, of ull kinds- Produits fabrigués d'or, d'argeut ou
electro-plaqué, maillechort (argentine,) d'alabetta et d'rigent allemand, et vạisselle plaquée et
do of brass or Copper espèce)
do of Brass or Copper- (Produits fabriqués de cuirre jaune ou rouge).........................
do of Leather, or imitation of Leather- Produits fabriques de cuir ou imitation de cuir)
do
do of Varnish, other than Bright and Black- (Produits falriqués do vernis autre que lo
do nf Wood, not elservere specified-........................................................... (rours) Mowing, Reaping, and Threshing Machines- (Fauchcuses, moissonneuses et machines à battre) .)
Musical Instruments, includins Musical Boxes and Clocks- (Instrumonts de musique, y compris les boites ot horloges $\mathfrak{a}$ musique)...
Mustard- (Moutarde) .....................
Other Machinory-(Autres machines)
Other Machin•ry-(Autres

Opium .......... (Huiles clarifíes ou preprées)
Paekages- (Ballots)
Paints and Colors-.......................
Paper-(Papier) ................
Parasols and Unbrelias (Parasols ot parapluics)
Playing Cards-(Cartea à jourr)
Pickles and Saucos- (Conserves au vinaigre et t...........................
Preserved Mouts, Poultry Fish \& V Vret bles, etc- Lérumes, ........................................................ Praphiées, ou en taillo deuce e ctc., pamphlets Advertising Pamphlett- (Afliches inaprimées, litographiés, ou en taillo douce ecte, pamphlets dannonces)
Silks, Satins, and Velvots-(Soie, Batin ot velours)........
Spices, including finger, Pimento and Pepper-Unground - (Epices, comprenant le gingembre, piment ut poivre-non moulas).
Stationery_(Papoteric) ....... ............................................................................................
Steam Engines-other than Luevnotire-(Engins à vapeur-autres que des locomotives) ..... ...... Small Fares - (Mercerie)
Tohacco Pipes-(Pipes)
Toys-(Bimbeloterie)
 do of all kinds, in Basks-( ${ }^{\text {dins }}$ de toute especes en cercles)
do
Wooliens-(Lainages)
Unenumerated Articles-(Articlos non énumérés)
Total 20 per cent. ad valorem-(Total 20 pour cent all valorum)

- The Column of Duties reprosents the actual amounts received at all the Ports in this Province, and
( La colonne des droits represente les montants effectifa regus aux differenta portu do cette province, $y$
*The Column of Duties raprosents the actual amounts received at all the Ports in this Province, and

Amount of Duty Collected on, the Principal Articles, \&c.-Continued.
des droits perçus sur les principaux articles, etc.-Suite.)

| TOTAL IMPORTS. TOTAL DZA IMPORTA'IIONS. |  | FROM WHAT COUNTRY IMPORTED. DE QUEL PAFS IMPORTES. |  |  |  |  | Amount of Duty. * <br> Montant des droits.* |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Quantitles. <br> Quantites. | Total Value. <br> Valeur totale. | GreatGritain.De laGrandoBretagro. | Britisa Coloming. <br> Des Colonies Britayniques. |  | UnitedStates.Dos Etats.Unis. | Oiher Foreign Countries. D'autros pays Etrangers. |  |
|  |  |  | North America. (Do l'Ame rique dat Nord.) | West Indies. (Des Indes Occiden- tales. |  |  |  |
|  | \$ | $\delta$ | \$ | \$ | \$ | \$ | \$ |
|  | 28,101 | 13,977, | 2,106 | $\ldots$ | 4,404 | 2,554 | 5,803 42 |
|  | $\begin{array}{r} 11,294 \\ 1,495 \end{array}$ | $\begin{aligned} & 5,688 \\ & 1,372 \end{aligned}$ |  | ............. | 5,606 |  | $\begin{array}{r} 2,258 \\ 295 \\ 298 \end{array}$ |
|  | 67,695 | 50,480 |  |  | 13,935 | 3.230 | 13,539 34 |
|  | 9,745 | 4,692 |  |  | 5,053 |  | 1,019 02 |
|  | 89,002 | 57,647 |  |  | 8,614 | 2,741 | 13,500 52 |
| ...... | 28,599 90,395 | 3,690 29,371 | 13 123 |  | 23,196 20,384 | 40,517 | 5,376 8,07 8,073 81 |
|  | 19,117 | 3,274 |  |  | 15,843 |  |  |
| .......... | 77,666 | 4.322 | 2,289 |  |  |  |  |
| , | 8,235 | 289 |  |  | 7,946 |  | 1,002 64 1,64710 |
| .......... ..... | 102.380 | 6,886 | 30 |  | \$3,893 | 11,571 | 20,404 85 |
| 171,120 | 24,620 | 23,807 | 11 |  | 1,002 |  | 4,898 31 |
| ............... | 156,785 | 13,484 |  |  | 142,777 | 544 | 31,276 93 |
|  | 44,230 213,561 | 27,777 130,656 | 1986 |  | 15.457 6.325 |  | 8,342 71 |
| 481, 371 | 213,561 4 448 | 130,856 | 132 |  | 6S,325 | 14,448 | 42,010 42 |
|  | 8,673 | 2,420 | 3 | $\ldots$ | 6,106 | 144 | 89 1.738 23 |
| . | 131,441 | 97,106 | 275 |  | 33,985 | 75 | 25,857 18 |
| .......... ..... | 57,877 | 65.220 |  |  | 20,806. | 1,826 | 17,558 36 |
|  | 60,83s | 34,773 | 1 | $\cdot$ | 26,043 | 13 | 12,151 98 |
|  | 22,472 10.629 | 22,425 | 1 |  | 48 $-\quad 763$ |  | 4,493 85 |
| .............. | $\begin{aligned} & 10,629 \\ & 31,239 \end{aligned}$ | $\begin{array}{r}6,451 \\ 28,972 \\ \hline\end{array}$ |  | ............. | 763 | 3,415 | 2,12562 |
|  | $\begin{aligned} & 31,239 \\ & 18,351 \end{aligned}$ | $\begin{array}{r} 28,972 \\ 4,618 \end{array}$ | S 579 | ${ }^{-\ldots . . . . . . . . . . ~}$ | 1,715 7,163 | 5,544 | 6,174 34 |
|  | 18,351 | $4,616$ | 579 | 498 | 7,163 | 5,525 | 3,671 82 |
|  | 11,118 | 2,298 |  |  | \$,520 |  | 2,223 73 |
| ............ | -02,436 | 663,797 | 155 | ........ | 7,788 | 30,896 | 140,358 53 |
| 890,986 | 66,503 | 30,804 | 17 | 30 | 24,906 | 390 | 11,211 07 |
|  | 151.553 | 99,555 | 70 |  | 45,514 | 6,414 | 30,103 06 |
|  | 5,289 828 8 |  |  |  | 5,239 |  | 1,057 94 |
|  | 828,009 | 531,758 | 1 |  | 91,743 | 4,507 | 125,346 96 |
|  | 16,103 | 10,424 | 32 |  | 829 | 4,848 | 3,178 72 |
|  | 19,655 20,401 | 6,038 1,113 |  |  | 9,316 | 4,298 | 3,924 72 |
| 1331,017 | 253,691 | $\begin{array}{r} 1,113 \\ \mathbf{4 , 5 3 3} \end{array}$ | 2,238 |  | 7,500 | 11,732 | 3,452 71 |
| 12,739 | 45,633 | 16,117 | -2,238 |  | ${ }_{6}^{17,597}$ | 149,023 22,609 | 50,088 09 |
| - | 4,174,795 | 4,096,572 | 1,590 |  | 34,788 | 22,609 41,545 | 3,652 5264 849 |
|  | 192,752 | 68,909 | 2,667 | 18 | 119,151 | 2,007 | -35,239 66 |
| . ........... | 16,251,799 | 13,220,033 | 33,433 | 640 | 2,323,481 | 874,212 | 3,209,333 42 |

includor Practions, bat not Duties on Goods imported into the Free Ports.
compris les fractions, mais non les droits sur les marchandises importtes dans lea ports franos.)

No. 2.-SUMMARY STATEMENT of the Quantity and Yalue of, and (No. 2.-TABLEAU SOMMAIRE de la quantit', valeur et montant
$\triangle$ RTICLEA

## 15 per cenc. ad raloren-(15 pour semt ad valoren.)

Book, Map, and News Printing Paper-(Papier pour liyres, cartes, et pour imprimer tes journaux).

$$
10 \text { par cent. ad valorem-( } 10 \text { pour cent ad valorem.) }
$$

 primes, feuilles perioliques et panpulots-desquels des Etitions sout imprimees en Cunada). Brass in Bars. Rouk, or sliects- (Cuirro jaune en barres, en baguctes ou co feuiles) Drass or Copier Wire, and Wire Ciath - (Fii de cuirre on de laiton et tissumetalkque) Capper, Drass, or Tron Tubes, and Pipius, when dramn- (Cuivre rouge, jume, tubes en fer et tuyaux Cotton Caudio Wick-(Cotun a mecbe).

Jerellery and Watchos-( 1 (1isjourterice et mipontres)
Iron-Cin uda Plates uad Tinned plates-- (Fer- ©oic du Canada et furbianc)

$$
\begin{aligned}
& \text { Go Givanized mu Suet Fer-(Galranise ct en trailles) } \\
& \text { do } \\
& \text { do }
\end{aligned}
$$

do roues de locomotive, courbes et soudes)...

Locomotive and Enyine Frames, Cranka, Crank Axles, Maiknay-Car anil Lacomotive Ayles, piston Rods, Guide and Sline Bars, Crank Pus, Connecting hods-iCbassis, mauirelles, essieux,


$$
\begin{aligned}
& \text { mounu et, calcine } \\
& \text { Red Lead-White Leat }
\end{aligned}
$$

Total 10 per cent. ad raforem-(Totai 10 jour centadralorem)

The Column of Duties represents the actual amounts received an all the Ports in this Province, and
(*La colonne dea droits represente los montants effectifs reces aux differents ports do cette propince
128.
Spirits of Turpentinc-(Eisprits de terobentane)

$$
\begin{aligned}
& \text { Lead in Sheer--(ploums cn teuilles). } \\
& \text { Litharge }
\end{aligned}
$$

27 Victoria.
Sessional Papers (Docunents) No. 3.
Amount of Duty Collected on, the Principal Articles, \&c.-Continued.
des droits percus sur les principaux articles, etc.-Suite.)

 (No. $\because$--TABLEAV SOMMAIRE de la quantite, valent et montant

## 

## FREE (:OO1S.






Other Ammals--. (Antes :animans)
Pultry, and Fancy Bials


$$
\begin{aligned}
& \text { Animuny (Antimone). } \\
& \text { artieles tior the puhtic ases }
\end{aligned}
$$



 Ashes-Perr-(Alcmis-.... Parlases)


Bihles, Testaments, Prayer liooks, amit Devotional Books-and Printed Books not elsewhere specified

 bolting
bonax
 Pristles Cornsuies de cuchun)....
Broom Coru- Millet a balai)..................................................
Busts, Casts, :mal statues- (Bustes. emprrintes et statues)............................................................ Burrstunes and Grindstones, wrought and unwrought-(Pierres a meule et a aiguiscr, ouvrées ou non
Butter-........................................ Butter-(Beurre)
Biscuit des provinces de loA. D. du N
 des prov. de 1'A. B: du $N$ ).
 do - Hemp anill (irass-(Cables de chanere et d'herbo)
Caout houe or Yulia Rubber and Guta kerchat unmanufactared-(C).......................................... Carriages, and Velicles of Travellers, \&:- (Voitures do voyagecirs, ete)
 Chese-for (Fromate)
hess-7......................
 l'ordinaire des "fficiers).

* The Column of Duties reprosents tho actual amounts receired at all the Ports in this Province, an (* La colonne des droits represente les montants effectifs regus aux differents ports de cette province, y

Amount of Duty Collected on, the Principal Articles, \&c.-Continued. des droits perçus sur les principaux articles, etc.-Suite.)


No. 2.-SUMMARY STATEMENT of the Quantity and Value of, and (No. 2.-TABLEAU SOMMAIRE de la quantité, valeur ct montant

## ARTICLES.

## Free froods-Cintinued- Articles francs de droitn-Suite.)

Clothing and Arms f.r Military - (Vêtements et armes pour l'armée) ..................
 Cutton and Flax Waste- (Déehets de cuton et de chanvre)

Drawius (Dessins).
Fre-1rick int (iay- (Bripuce rifactaires et argile)

$$
\begin{aligned}
& \text { Fruit. Oren ifruit v ris).... } \\
& \text { Oric 1-from (initen stater }
\end{aligned}
$$


 (inains-barley and kyc-(orge et wrigle).
Pre

$$
\begin{aligned}
& \text { num and Nease-(Feves et puis). } \\
& \text { Indian Corn-(BIE-d'lude).......... }
\end{aligned}
$$

Ment of the nhew (irains (Farine des arains ci-dessus).
peaux pour
(ieme hol Me. Ants Mipertes preciruses et medailes) Gravels-- (Gravier


 produit les provinces de l'Amérique Britannique du Nord-importés directoment d'icelles).. Hops- (Houblor)
all the pirts ia this Province, an


Amount of Duty Collected on, the Principal Articles, \&c.-Continued. les droits perçus sur les principaux articles, cte.-Suite.)

and includes fractinas, but not Duties on Goods imported into the Frec Ports. compris lea fractions. maiz non les Inote sur les marchandises importẹes dans lea ports freapes,

No. 2.-SUMMARY STATEMENT of the Quantity and Value of, and (No. 2.-TABLEAU SOMMAIRE de la quantité, valeur et montant

## ARTICLES

## Free Goods.-Continued.-(Articlea francs de droits.-Suite.

## Indigo .................................... .... .....

 Lime-Fron British Aucrican liprorinces ouly- (Chaux des provinces do l'Amer. Britnu. seulement.) Bbl Manilla Grass, Sea Grass, and Mosses, fur Upholstery purpuses- (IIerho do Manille, herho de mer ? et mousses, pour les tapissiers).
Mazures- (engrais)
 Military and, Smoked, and Salt- (Viandes, fraiches. funcées ct salées).
Mony and Naval stores-(Munitions rour la marine til armee) ........................................................ Models_(Modèles) ....i............................................................................................... Nitro or Saltpetro - (Nitre ou salpêtre) ......... Nitro or Saltpetre- (Nitre ou salpetre).
Oils-Cocoanut, Pine und Palm-in their erude, unrectilied, or natural state-................................... do cacun, resine de pin ct buile do palmier, crues, non rectifices, ou \& l'état naturel) .........'\} Gal Ores of all kinds of Motals- (Mincrais do toute espece)
Osiers or Willow, for
Osiers or Willow, for Basket-makers' use-(Branches d'osier ou de saule, pour lia confection de paniers)
Packares_(Colis) Philosophical (Colis)
Pig Iron, Pig Leal pants and Apparatus-Glohes-(Instruments ot appareils do physique et globes) Pitch and Tar-al, and Pig Copper-_(Brai et foudron) ......................................... en sumnous) Pitch and Tar-1-(Brai et Goudron)
Printing Ink and I'rinting
 Rosin and Rosin-(Résine et colophane).
Rice- (Riz)

 Salt_ (Scl)

Scutching Nubine Scods, for Agricultural, Morticultura), or Manafieturinir purposes only-G Graines, seulement pour des fins agricoles, horticoles ou pour fabriciner)
Settlor* Gonds_ (Efiets de colon).
Ship's Water Casks in use-(Futailles it enu pur les navires).................................... .................
Block's; Binnacle Lamps, Bunting, Sail-Canvas Nos. 1 to 6 . Cumpasses. Cordage. Dewd Eyes,
Dead Ligbts, Deck Plugs. Shackles, Sheares, Sigual Lamps, Travelling Trucks-(Eoties de
 montons, faux sabords, tampons de punt. anncius te fer, rutes de poulies, lampes a signax, margouiliets $j$.............
meurs- (Eehantilons)
Stone, un wrought (Pierre hrute)
Taliow-(Suif) ...................

The Column of Duties represents the actual amounts received at all the Forts in this Province, and (:La colonnc de droits rerrézente lus montants cffectifs rects aux dinérents parts de cette province, FAdmitted free undir Order in Council dated 13th January. 1854.
(tAdmis francs do droits on rertu d’un ordre en conscil daté lo 13 janrier 1854.)

Amount of Duty Collected on the Principal Articles, \&c.- Continued.
des droits perçus sur les principaux articles, etc.-Suite.)

include日 Practiuns, but not Dnties on Qoods imported into the Free Ports.
compris les fractions, mais non les droits sur les marchandises importes dans les ports france.)

27 Victoria. $\quad$ Sessional Papers (Documents) No. 3. A. 1864

No. 2.-SUMMARX STATEMEN'I of the Quantity and Value of, and (No. 2.-TABLEAU SOMMAIRE de lit çuantité, valeur et montant

ARTICLES

Free Goods-Continued-(Articles francs de draits-Suite.)
Timber and Lumber of all sorts, unmanufacturel- (Bois de charpente et de construction de toute $\}$ Tin, and Zinc-or Spetter-in Blocks or Pigs - (Et............................................................................................... Trees, Plants, and Shrubs--Bulbs and Routs-(Plantes, arbrisseaux et arbres, bulbes et raciaes)..... Treanails-(ciournablus)
 Tobaceo, unmanufactured (Tabace nun manuacture). carneteres typorraphiytes, en hlocs ou on samons)................. Vegetables- (Versis, luivant et noir pour les constructeurs de navire
 Woul-(Laine) ........................................

Total Free Goods - (Tutal, articles franes de droits) ............ ............ .............


recapitulation.

Grods puring Specific Duty - (Articles payant des druita spricifitues)
do Specifie aml ad colorem Duties- (Artieles payant des droits specitiques ot act ve................................

 Other Pree Goods- (Autres articles francs de droits)...
 Grand Tutals- (Grands Thtaux)

* The column of Duties represents the actual amounts reccived at the different Purts in this Province, (* La colonne des droits rerrésente les montants effectifs recus aus differeuts ports de cutte province, y

27 Victoria. Sessional Papers (Documents) No 3.
A. 1864

Amount of Duty Collected on the Principal Articles, \&c.-Continued.
des droits perçus sur les principaux articles; etc.-Suitc.)

inclades fractions, but not Daties on Goods imported 2nto the Free Purts.
lompris les fractions, muis non les druits sir les marchandises'importes dans les . Ports Francs.)


No. 3.-COMPARATIVE STATEMENT shewing in Contrast the Quantities and Consumption in Canada, duringthe years 1861, No. 3.-TABLEAU COMPARATIF indiquant la difference des quantites et pour la consommation en Canada pendant

| ARTICLES. | Quantity. (Quautite.) |
| :---: | :---: |
| Ale, Beer and Purter-(Ale, biere et porter..... ...... :.......................................alls. | 48,437 |
|  |  |
| Brandy-(Ean-de-vie). | 6,42 |
| Brooms and Brushes of all Candles-(Chandelles) |  |
| (:arriages, and Coach and liarness Furniture-(isournitures do earrosseric et sellerie). |  |
| Cbinaware, Larthenware, anil Crockery--(Purectine de Chine, potorio et faĩence). |  |
| Cigars- (Cigares)... | 76,687 |
| Clocks- (llorloges) |  |
| Cluthes, ready-made-- (Vêtements, |  |
| Coffee, green-(Cafévert) ............................................................................................................................................................. du vher-( dutre) ............ | $\begin{array}{r} 1,610,569 \\ 10,417 \end{array}$ |
| Confectionery - (Confitures |  |
| Copper and Brass, in bars, rods or sheets-(Cuirre en barres en bagucttes ou en feuilles)... |  |
| Cordare - (Curdages) |  |
| Cordials-(Cordiatx ) ................................................... ........................ Galls. | 1,46 |
| Cottons (Cotons) |  |
| Cottou-Wick, Yarn and Warp-(Coton a mèche, tilé et en chainc) |  |
| Dried Fruits, and Nuts-(Fruits secs, ot voix)... . ...........................................L.Lbs. | 3,051,2-2 |
| Drugs and Modicines- (Drogues et mádecines) |  |
| Essunces and Perfumery--(Essences et parfums) |  |
| Fanoy Goods-(Marchandises de mode) |  |
| Gias Fittings, (irondoles and Chandoliers--(Appareils it gik, girandoles et chandeliers).... |  |
| Gin-(Genierre) ................................................................... .......... Galls. | 170,46\% |
| Glasis and Classware- (Verre ct verrerie) |  |
| Quns, Xifics and Fire Arms- (Fusils, carabines et armes a feu) |  |
| Guapowder and Fircworks- (Poudro al tirer et piěces de feu d'artifice) |  |
| Irate, Caps. and Lonnets-(Chapeaux, easquettes et chapeaux de femme |  |
| IIops-(Houblon)............. ...................................................................... Lbs. | 215,312 |
| Hosiery- (Bonneteric) |  |
| Iron and Hardrare-(Fer et quincaillerie) |  |
| do Bar, Rod, Shoet, Moopand Galvanized- (Fer-barres, bagu'tos, fuxilles, cereles et galv'zé) |  |
| do Boiler Plate, Kolled Plate, Canada Plate, \&c.-(Fer en tôle ì chnudière, tôle laninéo, \} et tôlo du Canada |  |
| do Hoops or Tires for Railroad purposes- (Fer-cercles ou liens pour chemins de for) ... |  |
| do Bars and Wrought Iron Chains and Spikes for Railroad purposes-(Fer-barres, $\}$ coussinets, en fer forge et chevilles, pour chemin de fer |  |
| do other articles, for Railroad purposes-(Fer-autres articles pour chemins de fer) |  |
| Jowellery and Watches- (Bijouterie et montres) |  |
| Lead, in Shect-(Plomb en feuilles) |  |
| Leather-Tunned-(Cuir tanné |  |
| do Manufactured-Boots and shoes- (Cuir manufactures-bottes et souliers) |  |
| do do other than Boots and Shoes-( do autres que bottes et soulicrs) |  |
| Linon- (Taile) ............................. ................................................... ........... |  |
| Locomotive Engines and Railroad Cars-(Lucomotives et chars de chemin do fer) |  |
| Machinery-_ Machines) ............. .............................................. |  |
| Macaroni and Vermicelli - Macaroni et vermicelle) .... ......................................Lbs. | 26,515 |
| manufactures of Brass or Copper- (Produits fabriques de cuirre jaune ou rougo |  |
| do of Fur- (Objets manufactures do fourrures)......................... |  |
| do of Gols, Silver and Platedware-(Objets manufac. dor, argent ot objets plaquess) |  |
| do India Rubbe" Gutta Percha-( do Caoutchouc ou gutta perchaj.. |  |
|  |  |
| do uf Papier Muche, Bone, Shell, Horn, Peaxl and Ivory - - (Objets manufacturês |  |
| do '. Straw, Grass, 0sier and Palm Leaf, nacre do perle et ivoire).................' |  |
| do ". Straw, Grass, Osier and Palm Leaf, \&e.-(Objets manufacturús de paille. $?$ |  |
| do Wood- (Objets manufactures do bois). |  |
| Maps, Charts, se.- (Carios, cartes marines, etc.) |  |
| Molasses - (Mélasse)................................................................................................... |  |
| Musical Instruments-(Instruuents de musique)..................................................................................... | 1,291,890 |
|  |  |
|  | 659,997 |
| Packages-(Colis)......... |  |
| Paints and Colours - - Pientur |  |

Values of the Principal Articles of British and Foreign Merchandise entered for 1862 and 1863-Alphabetically arranged.
valeurs des principax articles des marchandises britanniques et ctrangeres entrees les années 1861, 1862 et 1863.

\begin{tabular}{|c|c|c|c|c|c|c|c|}
\hline \multicolumn{2}{|r|}{\(1^{1861 .}\)} \& \multicolumn{3}{|c|}{1862.} \& \multicolumn{3}{|c|}{1863.} \\
\hline \begin{tabular}{l}
Value. \\
(Valeur.)
\end{tabular} \& Duty. (Droit.) \& \begin{tabular}{l}
Quantity. \\
(Quantité)
\end{tabular} \& \begin{tabular}{l}
Value. \\
(Valeur.)
\end{tabular} \& Duty.
(Droit.) \& \begin{tabular}{l}
Quantity. \\
(Quantite.)
\end{tabular} \& \[
\begin{aligned}
\& \text { Value. } \\
\& \text { (Valenr.) }
\end{aligned}
\] \& \begin{tabular}{l}
Duty. \\
(Droit.)
\end{tabular} \\
\hline \[
S_{15,127}
\] \& S \({ }_{1,434} \mathrm{cts}\) \& \& \$ \({ }^{\text {S }}\) \& \& \& \& \\
\hline \[
\begin{gathered}
15,127 \\
3,011
\end{gathered}
\] \& 1,454 15 \& 90.5S0 \& - 30,640 \& S,746 47 \& 130,079 \& 36,757 \& 10,90s so \\
\hline 92,82: \& 27,061 07 \& 72,543 \& 114,336 \& 3,20154
33,413 \& \& 3,03; \& 1,176 91 \\
\hline 10,957 \& 3,332 23 \& \& 112,359 \& 33,405
2,4 \& 66,374 \& 134,432 \& 38.97525 \\
\hline 30,227 \& 6,778 26 \& \& 21,432 \& 2,405 315 \& \& 10,740
23,767 \& 2,111 41 \\
\hline 81,359 \& 16,276 S9 \& \& 62,642 \& 12,523 57 \& \& 636,50\% \& \(\begin{array}{r}\text { 4,336 } \\ 13,245 \\ \hline 15\end{array}\) \\
\hline 274,369 \& 54,032 16 \& \& 221,138 \& 43,47809 \& \& 22, 2,053 \& \begin{tabular}{l}
13,240 \\
43,479 \\
\hline 05
\end{tabular} \\
\hline \[
\begin{aligned}
\& 38,874 \\
\& 28,216!
\end{aligned}
\] \& \(\begin{array}{r}15.495 \\ 5.621 \\ \hline 89\end{array}\) \& 70,435 \& 39,030 \& 15,585 74 \& 107,892 \& 46,550 \& 18,527 32 \\
\hline 125,695 \& 27.551 12 \& \& 23,246 \& 5,599
24
24,663
30 \& \& 25,96S \& 5,180 91 \\
\hline 212,163 \& 31,65t 36 \& 1,9S1.900 \& 275,703 \& 24, 10607 \& \& 101,251
170,101 \& 15,939
405
405 \\
\hline 2,047 \& 50816 \& -16,793 \& 2,09: \& \({ }^{1} 3382\) \& 1, \({ }^{112,546}\) \& 170,101
4,351 \& \(\begin{array}{r}10,52149 \\ 1,670 \\ \hline 6\end{array}\) \\
\hline 23,599 \& 6,428 70 \& 110,428 \& 22,655 \& 6,120 71 \& 113,215 \& 19,593 \& 5,913 12 \\
\hline 107,209
78,544 \& 10,712
13,420
58 \& \& 102,543 \& 10,20337 \& 113,215 \& 153,075 \& 15.163 .09 \\
\hline 1,976 \& 1,587 50 \& 1,927 \& 107,181 \& \(\begin{array}{r}17,822 \\ 2,376 \\ \hline 69\end{array}\) \& \& 123,112 \& 22,436 64 \\
\hline : \(5,690,777\) \& 1,125,973 68 \& \& 4,453,085 \&  \& 5,985 \& 4,264,025 \& 4,503
\(8.10,550\)
57 \\
\hline 147, 234 \& 14,545 60 \& \& 05,532 \& -9,328 29 \& \& \(\xrightarrow{+645,776}\) \& 840,550
8,507
81 \\
\hline 159,236 \& \(31,0.4451\) \& 4.041,525 \& 234,234 \& 16,685 1.6 \& 3,285,765 \& 180,601 \& 33,548 77 \\
\hline \[
\begin{array}{r}
200,334 \\
32,824
\end{array}
\] \& \(\begin{array}{r}4.4,932 \\ 6.541 \\ \hline 65\end{array}\) \& \& 249,472 \& 54,3:37 13 \& \& 238,426 \& 51,345 48 \\
\hline 328,381 \& 65,660 00 \& \& 31,52s \& 6,279 27 \& \& 32,209 \& 6,360 79 \\
\hline 2,226 \& 444 78 \& \& 3,5,197
\(\mathbf{5 , 1 2 0}\) \& 00,643
1,022
82 \& \& 360,450 \& 71,957 90 \\
\hline 66,665 \& :5,743 96 \& 18:,468 \& 6if,9s9 \& \& \& 7,404 \& 3,480 7. \\
\hline 344,527 \& 08,796 30 \& 1-8, \& 365.386 \& 52,807 99 \& 225,638 \& \(\begin{array}{r}\text { S0,403 } \\ \\ \hline 27,480\end{array}\) \& 60,688 46 \\
\hline 3.142 \& 99327 \& \& 7.395 \& 1,179 05 \& \& -1,457 \& \(\begin{array}{r}63.224 \\ 1.549 \\ \hline 68\end{array}\) \\
\hline 24,58] \& 3,596 66 \& \& 22,040 \& 3,117 46 \& \& 31,569 \& 5.203 \% 75 \\
\hline 334,979 \& 66,25140 \& \& 234.031 \& 46,213 S4 \& \& 217,062 \& 42, 26691 \\
\hline 45,740 \& 9,149 56 \& 356,508 \& \(5 \mathrm{~S}, 165\) \& \({ }^{1} 11.63245\) \& 153,990 \& 23,882 \& 4,778 35 \\
\hline -124,822 \& 24,921) 46 \& \& 102,624 \& 20,29s sor \& 153,00 \& 120, 852 \& 2?,2S2 67 \\
\hline \[
\begin{array}{r}
1,489,645 \\
845,835
\end{array}
\] \& \begin{tabular}{r|}
293,517 \\
84,254 \\
\hline 85
\end{tabular} \& \& 1,409,478 \& 2775992.30 \& \& 1,352,344 \& 265,361 71 \\
\hline 285,50. \& 2S,487 \& \& \& \& \& 850,263 \& 81,71458 \\
\hline \& \& \& \% \& 29:796 \& \& 344,825 \& 34,413 08 \\
\hline 30,ssi \& 3,08s 44 \& \& 27,761 \& 2.77712 \& \& 3:3,604 \& 3,300 47 \\
\hline 58,935 \& 5,593 53 \& \& 130,783 \& 13,07S 41 \& \& 36,597 \& 3.65970 \\
\hline 17,650 \& 1,764 99. \& \& 10 \& 1,051 SS \& \& \& \\
\hline 382,577 \& 18,209 00 \& \& 130,507 \& 13,1043 78 \& \& 171,510 \&  \\
\hline 12,262 \& 1,211 52. \& \& 18,682 \& 1,549 77 \& \& 15,680 \& 1,850 70 \\
\hline -157,547 \& 55,908
36,650
26 \& \& 284,398 \& 56,091 11 \& \& 198,100 \& 3S,502 S7 \\
\hline 157,54
123,701 \& 36,650
25,230

26 \& \& | 74,178 |
| :---: |
| 100 |
| 189 | \& 15,601

30
20597 \& \& 63, 012 \& 11,746 75 <br>

\hline 341,942 \& 6S,323 27. \& \& 100,839 \& | 20,597 |
| :--- |
| 64,565 |
| 9 | \& \& 101,473 \& 20,633 00 <br>

\hline 30,305 \& 6,060 14. \& \& 322,844
$: 35,915$ \& 64,568
7,183
00 \& \& 446,676 \& 59,335 77 <br>
\hline 156,158 \& 31,020 80. \& \& 176,240 \& 35,095 09 \& \& 170,309 \& 12,203 22
33,981
97 <br>
\hline 3,687 \& 33697 \& 42.350 \& 2,982 \& 59639 \& 25,175 \& 17, ${ }^{1}, 591$ \& 33,98197
314
7 <br>
\hline 28,145 \& $5,60022$. \& \& 34,365 \& 6,573 11 \& \& 26,309 \& 5.37691 <br>
\hline 45.199 \& $9,03028$. \& \& 86.507 \& 17,280 65 \& \& 2s,101 \& 5 5,603 42 <br>
\hline 60,638
26,102 \& $\begin{array}{rrr}12,127 & 15 \\ 5,220 & 08\end{array}$ \& \& 65.750 \& 13,135 91 \& \& 69,002 \& 13,800 52 <br>
\hline 26,102
8,903 \& 5,220
1,781
108 \& \& 33,218 \& 6.643 18 \& \& 43,120 \& 8,624 33 <br>
\hline 8,908
0,450 \& 1,781
1,859
10 \& \& 5,149 \& 1, 1430 07 \& \& 6,0^6 \& 1,216 73 <br>
\hline 9,450 \& 1,859 00. \& \& 9,391 \& 1,575 70. \& \& 11,240 \& 2,218 00 <br>
\hline 80,431 \& 17.655 ss \& \& 58.912 \& 11,566 01 \& \& 60,615 \& <br>
\hline 159.30 r \& 31.20393. \& \& \& 30,413 56 \& \& \& <br>
\hline 11.313 \& 1,031 24. \& \& 13, 3143 \& 1,323 90. \& \& 13, 12,001 \& $\begin{array}{r}26,110 \\ 1,209 \\ \hline 1\end{array}$ <br>
\hline 233,0,34 \& 30,213 18 \& 1,2S4,681 \& 249,682 \& 60,74001 \& 1,583,132 \& 2ss,178 \& 101,547 23 <br>
\hline 139,766 \& 27.58701. \& \& 111,247 \& 22,034 S9. \& \& 102,350 \& 20,40485 <br>
\hline "17686 \& 3,527 20 \& 196.950 \& 28,515 \& 5,686 28 \& 171,120 \& 24,620 \& 4,598 31 <br>
\hline 328,463
43.840 \& 64,753
8,480
8 \& $6 \mathrm{Cf}, 336$ \& 253,594 \& 51,21560 \& 581,057 \& 256,128 \& 51,801 72 <br>
\hline 47,985 \& 8,459 \& \& 39,700
$30,46 i$ \& 7,71475. \& $\cdots$ \& 44,230 \& 8,34271 <br>

\hline 139,020 \& 27.605 $\% 6$. \& ............ \& | 30,461 |
| :---: |
| 100.351 | \& 30.110 29 . \& .................. \& 45,519

159,234 \& | 6,468 |
| ---: |
| 8.636 |
| 28.65 | <br>

\hline
\end{tabular}

27 Victoria.<br>Sessional Papers (Documents) No. 3.<br>A. 1864

No. 3.-COMPARATIVE STATEMENT shewing in Contrast the (No. 3.-TABLEAU COMPARATIF indiquant la différence des


27 Victoria. Sessional Papers (Documents)No. 3.
A. 1806

Quantities and Value of the Principal Articles, \&c.-Continued.
quantites et valeurs des principaux articles, etc.-Suite.)


No. 3.-COMPARATIVE STAIEMENT shewing in Contrast the (No. 3.-TABLEAU COMPARATIF indiquant la différence des


Quantities and Values of the Principal Articles, \&c.-Contimued. quantites et valeurs des principaux articles, ctc.-Suite.

No. 4.--STATEMEN'T of the Importation of the following Articles into Canada from Foreign West Indies, distinguishing whether such Importations have been direct, or through any British Possession, or Foreign Country,-during the year 1863.
No. 4.-TABLEAU de limportation en Canada des articles suivants venant des Indes Occidentales Etrangères, distinguant si

No. 6:-A DETAILED ACCOUNI shewing the Value of the Principal Articles Imported into Canada, by Sea, via the
(No. 5.-TABLEAU indiquant la valeur des principaux articles importés en Canada, par la mer, via fleuve St. Laurent, à chaque

No. 5.-A DFPATLPD ACCOUNT shewing the Value of the Principal Articles, \&e.- (Continued.)

| $\cdots$ PORTS. | Iron.---not Manufactured. Fer.-non manufacture. | Leather tanned. <br> Cuir, tanne. | Liquars. <br> Liqueurs. | $\qquad$ | Cotions. Cotons. | $\begin{gathered} \text { Furs. } \\ \text { Fourrures. } \end{gathered}$ | ware, and Earthenware Verre, rerrerie et poterie. | Iron and Hardware. <br> Fire et quincailleric. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Value. <br> Valeur. | Value. <br> - <br> Valenr. | Quantity.  <br> Quantite: Valuo. <br> Valeur.  | Value. <br> Valeur. | Value. <br> Valcur. | Value. <br> Valeur. | Value. $\qquad$ Valeur. | $\begin{aligned} & \text { Value. } \\ & \text { Valeur. } \end{aligned}$ |
| - Brantford | \$ | \$ | Gallons. 234 130 | \$ | 0,425 | \$ | 1, | $\$$ 1,491 29 |
| Brockville |  |  | $136-286$ |  | 14,378 |  | 1,577 | 3,925 |
| Bytown :..................... ...... | 4,349 |  | . |  | 14,078 287 | $\cdots \cdot$. | 153 | 3,025 |
| : Chatham |  |  |  | ................ |  |  | 366 | 3,441 |
| Cobourg............................... | 1,625 |  |  |  | 5,497 |  | 1,241 | 917 |
| Dalhonsio ......................... | 427 |  | 3,161 2,2 |  | 5 23 | 675 |  |  |
| Darlington ......................... |  |  | ................. $\cdot .$. |  |  |  |  | 6.9 |
| Dorer... |  |  | . ...................... | .................. |  |  | 456 | 1,226 |
| Dundas. |  |  | '017370 |  |  | $\cdots \cdots$ | 6,353 | 20,845 |
| Gaspe............................... | 3,550 | 4.039 | 56,770 29,347 | 1,103 | 52,739 1,535 | -............. | .................. | $\begin{array}{r}20,742 \\ \hline 74\end{array}$ |
| Goderich ............................. |  |  | ..................... ${ }_{623}$.................. ${ }^{\text {a }}$ |  | 6,080 | ............................ | $144$ | $1,547$ |
| Guelph............................. | 622 7205 |  | 623 623 <br> 6,412 7,258 | ................' 96 | 142,041 |  | $10,248$ | 48,188 |
| IIamilton............................ | 72,905 | $\cdot$ |  |  | 3,053 |  | 3,129 | 163 |
| IIope ............................... | 1,078 | -............ 7 - | ................................ ${ }_{\text {4,487 }}$ | ................ | 3,053 $-\quad 18,004$ | $\cdots \cdots \cdots \cdots$ | 2,619 | 5,931 |
| Kingston .......................... | 7,544 | - 7,833 | 4,487  <br> 294 2,916 | 31 | 18,004 82,611 | 18 | 2,010 | 8,733 |
| London ............................ |  | 67,966 | 06,011 284 | 7,586 | 1,151,190 | 12,166 | - 223,900 | 425,574 |
| Montreal ............................ | $\begin{array}{r}773,708 \\ \hline\end{array}$ | 67,966 | 406,011 |  | 1, 505 |  |  |  |
| New Carlislo......... ............... Ningara...................... | 34 |  |  |  |  |  |  |  |
| Ningara.............................. Owen \$ound.................. |  |  |  |  | 32 |  |  |  |
| Paris |  |  |  |  | 7,782 |  |  |  |
| Presscott. . . . . . . . . . . . . . . . . . . . . . . . . . |  |  |  |  | 4,578 |  |  |  |
| Qrescoth........................................................... | 49,883 | 10,265 | 150,943  | 4,783 | 290,546 | 12,300 | 50,505 | 396,496 |
| Queenston .......................... |  |  |  |  |  |  |  | ……......... |
| St. John's .......................... | 1,308 |  |  |  |  |  | 443 | 2,912 |
| Sarnia............................... |  | $\cdot$ | ................. ${ }_{2,200}$ |  |  |  | - 44 | 3,680 |
| Sault Ste. Mario....: .............. |  | 8,699 | $\begin{array}{rrr}2,200 \\ 12,500 & 14,517\end{array}$ | - 77 | - $\begin{array}{r}\text { 373,291 }\end{array}$ | …........... | 39,44S | 67,225 |
| Toronte .............................. | 38,226 | 8,699 | 12,500 14,517 | 7 | 378,201 | - 1,343 | 30,18 | 106 |
| Whitby ..... | : 343 |  | .......... ....................... | ..................... |  |  | - |  |
| Total | 955,602 | 98,802 | 644,755 450,411 | 13,981 | -2,170,291 | 26,585 | 342,617 | 994,527 |

No. 5.-A DETAILED ACCOUNT shewing the Value of the Principal Articles, \&c.-Continued.

| PORTS. | Jewellery, Clocks and Watehes. $\qquad$ Bijouterie, horloges et montres. | Manufactures of Leather. <br> Cuirs ouvres. | Linon. Toile. | Laco and Fancy Goods. <br> Dentello et marchandises de fantaisio. | Silks. <br> Soie. | Soap. $\qquad$ Savon. | Woollens. Lainages. | Military and Naval Clothing and Stores. <br> Vêtoments ot armes pour l'armée et la marine. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\cdots$ | Value. Valur. | Value. <br> Valeur. | Value. $\qquad$ Valeur. | $\begin{aligned} & \text { Value. } \\ & \text { Valeur. } \end{aligned}$ | Value. $\qquad$ Valeur. | Value. <br> Valour. | Value. <br> Valeur. | $\begin{aligned} & \text { Value. } \\ & \text { Valeur. } \end{aligned}$ |
| Brantford | \$ | - $\$$ | ${ }_{\mathbf{\$}}^{\mathbf{9} 55}$ | 8,143 | 5,840 | \$. | 14,619 | \$ |
| Brockville :.................................... |  | 30 | 306 | 206 |  |  | + 496 |  |
| Bytuwn ........................................ | 1,135 |  | 2,155 | 11,545 | 514 |  | 44,307 |  |
| Chatham...................................... |  |  | 14 | ........... |  |  | 203 |  |
| Clifton |  | 10 |  |  | 6 | $\qquad$ |  |  |
| Dalhousic. |  |  | 1,232 | 2,045 | - 3,215 |  | 12,874 |  |
| Darlington |  |  |  |  | 308 |  | $\bigcirc 26$ |  |
| Dover... |  | 2 |  |  |  |  | 19 |  |
| Gaspe .................................... ....... | -152 | 13,734 |  | 512 | 577 | 2,322 | 23,710 |  |
| Goderich............................. ........... |  |  |  | 16 | 100 | , | 1,65S |  |
| Guelph ........................ ......... ......... |  | . $0 . .1$. | 1,591 | 1,256 | 4,791 | . | 17,541 |  |
| Hamilton . ............... . ......... ........ | 7,514 | 674 | 22,046 | 5,872 | 15,906 |  | 151,018 |  |
| Hope .................... .................... | 105 | 83 |  |  | 711. |  | 5,236 |  |
| Kingston .................. ... .............. | 221 | 1,192 | 2,563 | 1,962 | 3,804 |  | 30,283 | 1,030 |
| Lıondon......................................... |  |  | - 5,537 |  | - 311 |  | 51,724 |  |
| Montreal:....................................... | 25.159 | $\therefore 74,200$ | - - 157,924 | 62,678 | 189,03S | - 13,886 | 1,576,416 | 239,934 |
| New Carlisle ............... . . . . . . . . . . . . . | 1 | 35 |  |  | 155 |  | 677 |  |
| Owen Soun |  | 5 | 22 |  | $15^{-}$ |  | 36 |  |
| Paris. |  | .................... | 57 | 1,314 | 686 |  | 9,250 |  |
| Prescott |  |  | - $\quad 622$ | .................... | 1,323 | .................... | - 4,690 | ........ ............ |
| Quebec :..................................... | 2,275 | 2,555 | 37,0S0 | $\cdots 23,271$ | $34,12 \mathrm{~S}$ | 5,123 | $361,730$ | 695,517 |
| Saint John's........ ..... ................. . | 10 |  |  |  |  |  | .............. |  |
| Sault Ste. Mario ............................ |  |  |  |  |  |  | 29,734 |  |
| Stanley.... .................................. |  |  |  | $1,256$ |  |  | $1,159$ | , |
| Toronto....................................... | 33,906 | 2,467 | 41,028 | 67,076 | $\therefore$ S1,021 | $\cdots$ | 555,741 |  |
| Whitby ......................................... | 165 | ..... | 188 |  | $20$ | $\cdots$ | 5S0 |  |
| Totals | 70,663 | 94,987 | 273,620 | 187,162 | 342,469 | - 21,669 | - 2,894,427 | 936,511 |

No. 5.-A DETAILED ACCOUNT shewing the Value of the Principal Articles, \&c.-Continued.

No. 5-A DEI'AILED ACCOUNT shewing the Value of the Principal Articles, \&c.-Continued.

No. 5.-A DETAILED ACCOUNT shewing the Value of the Principal Articles, \&c.-Continued. No. 5.-TABLEAU détaillé indiquant la valeur des principax articles, etc.-Suite.

| PORTS. | Tobacco. (Tabnc.) |  | $\left\|\begin{array}{c} \text { Tin, Zine, Coppor } \\ \text { and Lead. } \\ \text { (Ferblanc, zinc, cuivro } \\ \text { et plomb.). } \end{array}\right\|$ | Other Articles. (Autres articles.) |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity. <br> (Quantite.) | $\begin{aligned} & \text { Value. } \\ & \text { (Valuur.) } \end{aligned}$ | $\begin{aligned} & \text { Value. } \\ & \text { (Valcur.) } \end{aligned}$ | Value. (Valeur.) |
| Brantford | Lbs. | \$ | * | \$. ${ }_{\text {5, }}$ |
| Brockvillo ................................................................................................. |  | -1. |  | 972 |
| Bytown........................................................................................................................ | .............. |  | 1,058 | $\begin{array}{r}6,115 \\ \hline .525\end{array}$ |
| Cramahe....................................................................................... |  |  | ...................... | 184 |
| Dalhousie.......................................................................... | ....... ................ | \|..................... .. | .. |  |
| Darlington........................................................................... | ................ | ............... ....... | ....................... |  |
| Dundas ......................................................................................................................... | 50,981 | ....... ......... | ......................... | 110,295 |
| Guapth ........................................................................................................................ | ............... |  |  | 7,399 |
| Hamilton ........................................................................................... | .... ...... ................ | .. | 42,735 | 132,535 |
| Hopo .................................................................................. | ........... .............. | - |  | 1,988 16,860 |
| Kingston................................................................................................................. | -........ ............... | 8, | 341,2s2 | 36,880 $1,339,769$ |
| Now Carlisio...................................................................................... | 350 | 127 | .................... ..... |  |
| Owen Sound ... ..................... .................................................. |  |  | ......................... | 1888 |
|  | ................................. |  | .......................... | 1,824 327 |
| Quebec.................................................................................................................................. | - ${ }^{35,4 . . . . . . . . . . . . . . . . ~}$ | 9,514 | 64,240 | 639,945 |
|  | ............... .......... |  |  | ${ }_{4}^{95}$ |
| Sarnia | ................................ | .................................. | ... |  |
| Stanloy ........................................ ..................................... |  | ........ . ............... | - |  |
| Toronto ....................................................................... ........ | ......................... | ......................... | 427 | 23,962 |
| Totals. | 111,180 | 33,815 | 451,138 | 2,297,448 |
|  |  | R. S. | M. BOUCHE'TT Commissioner (Commissaire | E, Customs. es Douanes.) |

No. 6.-COMPARATIVE STATEMENT of the Quantity and Value of the Principal Articles imported into Canada from Sea, via the St. Lawrence during the years 1862 and 1863.
(No. 6.-TABLEAU COMPARITIF de la quantite et valeur des principaux articles importés en Canada par voie de mer, via le St. Laurent, pendant les annees 1862 et 1863.)

| ARTICLES. | 1862 |  | 863. |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity. | Valuo Valeur. | Quantity. | Value. |
| Animals-(Animaux) |  |  |  |  |
|  |  | 1,527 |  | 113 |
| Coals-(Charbon) Tons. | 130,509 | 335,991 | 152,461 | 387,513 |
|  | 1,100,478 | 143.657 | 227,433 | 35,880 |
|  |  | 69,392 | 227, | 90,536 |
| Drugs and Medicines-(Drogues et médecines).......... |  | 108,534 |  | 109,742 |
| Fish- (Poisson) <br> Fruits-(Fruits) | ....... | 53,328 |  | 38,904 |
|  |  | 147,221 |  | 102,095 |
| Iron-not manufactured-(Fer-non manufaoture)..... |  | 945,556 |  | 455,602 |
|  |  | 77,992 |  | 98;802 |
| Leather-tanned-_(Cuir-tanne)................................ <br> Liquors-(Liqueurs) ........................................Galls. | 617,031 | 416,153 | 644;755 | 450,411 |
|  |  | -10,0971 |  | 13,081 $2,170,291$ |
|  |  | $3,120,371$ 27,360 3 |  | $2,170,291$ $\cdots 26,585$ |
| Glass, Glassware and Earthenware-...... ${ }^{\text {(Verre, verrerie, et poterie) }}$, |  | 331,207 |  | 342,617 |
| Iron \& Hardware- (fer et quincaillerie) |  | 1,101,595 |  | 994,527 |
| $\left.\begin{array}{c}\text { Jewellery, Clocks \& Watches -- } \\ \text { jouterie, horlogo et montres)....... }\end{array}\right\}$ |  | 79,279 |  | 70,663 |
| Leather-(Cuir).............................. |  | 51,640 |  | 94,087 |
| Linen-(Toile) ............................. |  | 188,987 |  | 273,620 |
| Lace and Fancy Goods-(Dentelles ? et marchandises de mode)............ |  | 134,795 |  | 187,162 |
| Silks-(Soie).... |  | 392,208 |  | 342,409 |
| S Soap-(Savon )............................. |  | 24,006 |  | 21,669 |
| Woollens-(Lainages). <br> Military and Naval Olothing, and Stores-(Habillements et munitions pour l'armée et la marine) $\qquad$ |  | 2,849,981 |  | 2,894,427 |
|  |  | 1,518;469 |  | 936,511 |
| Molasses-(Melasse) ........................................... Galls. <br> Oil-(Huile) ......................................................... " | 313,120 | 55,347 | 370,152 |  |
|  | 143,311 | 107,394 | 279,954 | 201,607 |
| Paints and Colors-(Peintures et couleurs)................ |  | 99,258 | ......... ... | 102,271 |
| Paper, Stationery \& Books-(Pupier, pupeterie et livres) |  | 244,601 | .. | 233.162 |
|  |  | 125,239 |  | 18,070 |
|  | 36,297 | 129,364 | 36,195 | 122,633 |
|  | 1,258,609 | 168,018 | 1,715,181 | -251,864 |
| Spices $\qquad$ (Epices) $\qquad$ <br> Steel $\qquad$ (Acier) |  | 61,296 | ............... | - 57,795 |
|  |  | 71,291 | ............... | $\because 129,177$ |
| Sugar-(Sucre)........................................................................ | 3,988,149 | 214,989 | 3,328,868 | 319,134 |
| Tea--(Thé) | 4,314,169 | 1,938,541 | 4,078,145 | 1,467,946 |
| Tobacco $\qquad$ (Tabac) $\qquad$ (Etain, zinc, cuivre et plomb) | 60,028 | 16,864 | 111,180 | - 33,818 |
|  |  | 223,192 |  | 451,138 |
| Other Articles-(Autres articles)............................. |  | 2,015,649 |  | 2,297,448 |
| Add Goods in transitu for United States - (Ajoutezles march. en transit pour les Etats-Unis) $\square$ |  | 17,601,010 |  | 16,439,830 |
|  |  |  |  |  |
| tals................................... ... | 18,091,317 |  |  | 16,855,175 |
|  | R. S. | BOUC <br> mission mmissair | HPTTE er of Cu e des doun | nis. |

No. T.-COMPARATIVE STATEMENT of the Quantity and Value of Goods enumerated in the Reciprocity Treaty; being the growth and produce of the United States, and imported into Canadi, during the years 1862 and 1863.
(No. 7.-TABLEAU COMPARATIF de lat quantite et valcur des marchandises enuméces dans le traité de réciprocité, ctant du crû et provenance des Etats-Unis,-et importées en Canada pendant les annees 1862 et 1863.)

|  | 1862. |  | 1863. |  |
| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Quantity. } \\ \text { Quantite. } \end{gathered}$ | Value. <br> Valeur. | Quantity. | Value. <br> Valour. |
|  |  | \$ |  | \$ |
| Animuls-_(Animax) ......................... ...............No. | 23,110 | 347,926 | 35,300 | 520,535 |
| Ashes- (Alcalis)............................................. ..... |  | 24,477 4,113 |  |  |
| Bark- (Ecorce) .................. | 1,010 | 4,113 | 1,650 | 6,670 <br> 34.987 |
| Brorm Corn-(Milet i Balais)............................. |  | 32,299. |  | $\begin{array}{r}34,987 \\ \hline 13,795 \\ \hline\end{array}$ |
| Burr and Grindstones-(Menles ot piorres d aiguiser)...... | 815,501 | 108,0882. | C4t. 547 | -97,171 |
|  | 1,937,010 | 174.456 | 2,907,680 | 294,327 |
| Coal - (Charbon) .................................................Tons. | 105,905 | 437.391 | 103,547 | 548,346 |
| Cottrn Wool (Laino de Coton) |  | 56.410 | ......... | 29,928 |
| Dye Stufts - (Matieren tinctorialos)............................. |  | 130.976 |  | 69,176 |
| Eggs - ( Eufs).............................................. ${ }^{\text {D }}$ )\%. | 13,920 | 158.258 | 39,43S | 168,570 |
| Fish-_(Poisson)............................. .... .................. |  | 158.415 $109.6: 6$ |  |  |
| Fish Oil-(Huile-de poisson)............................ (alls. | 226,450 | 109,6:6 | 125,345 | $\begin{array}{r}112,285 \\ \hline 168\end{array}$ |
| Fish-products of - (Poisson--produits du).................... | 24,098 |  |  | 36,599 |
| Firerpood-(Bois do chaufage). ........................Cords | 24,09 | 47,232 | 19,38. | 71,045 |
|  |  | 360,511. |  | 379,170 |
| Flax. Hemp and Tow-unmanufactured- (Lin, chanvre et Etoupe-non manufacturés!. |  | 106.666 |  | $75,464$ |
| Flour- (Fleur do farino)....................................Brls. | 239,130 | 1,08s.679 | 235,439 | $898,029$ |
| Furf, Skins and Tinils-undressed - (Fourrures. queues ct peaus-non préparées) <br> Grain of all kinds-(Grains, toute sorte)...................Bus |  | $119.596 j .$ |  | $\begin{array}{r} 01,596 \\ \because 009610 \end{array}$ |
|  | 10,908,20 | 7,876,919 | 0.122,602 | $\therefore, 062,610$ |
| Gypuum-1 (Gypse)............................................ |  | 15,333 |  | 13,529 |
|  |  | 350,000 |  | 384,051 |
| Hides, Horns and Polts - - (Peaux, cornes et pelleteried ..... | 582,200 | 53.381 | 922,6:0 | \$1,757 |
| Manures - (ingrais) |  | 9.618 |  | 7. 5.48 |
| Meal-(Furine)............................................. Drls. | 21.085 | 44,563 | 10,000 | 28,603 |
| Meat of all kinds .................... Viandes, toute sorte) ..............Cwt. | 137,270 | 1,040,289 | 182,550 | 1.23s,923 |
| Ores of Metals - - Minernis)...................... ................ | .......... | 12,510 |  | 12,505 |
| Pitch and Tar-_(Poix)......................................Bris. | , 3,006 | 13.925 | 2,863 | 11,158 |
| Plants and Shrabs-(Plantes et arbustres)................... |  | 93,665 |  | 93,539 |
|  |  | 3,552 |  | 4,654 |
|  |  | - 8.991 |  | 11,333 |
|  | 98,560 | 2.746 | 2,044 | 88 |
| Seeds-(Graines).................................................. |  | S0,643 | $3 .$ | \$7,545 |
|  |  | 1.519 | .............. | 1,914 |
|  |  | 43,267 |  | 57,076 |
| Tallow-(Suir) ............................. ................ Lbe. | 1,445,000 | 129.516 | 1.668.531 | 152,268 |
| Timber and Lumber $\qquad$ (Bois do construction).................. Tobncco-unmanufactured- (Tabac-non manufacturé) hbs. |  | 91,772 |  | 62,241 |
|  | 6.369, S 10 | 8:42,364 | 8,909,284 | 1,327,810 |
|  |  |  |  |  |
|  |  | 61,21s | . | 47,729 |
| Wool-(Luine) .................................................. |  | 333,570 | - | 205,858 |
|  |  | 14,430,620 |  | 12,339,367 |
| R. S. M. BOUCHE ${ }^{\prime \prime} \mathrm{I}^{\prime} \mathrm{E}$ |  |  |  |  |
|  |  | mmission <br> Commisani | ner of Cus ire des Do | toms. anes.) |


|  | Nova scotia. Nourelle-Ecosse. |  | New Brunswick. Princo Fdward's Isl'd. <br> Nouveau-Brunswick. He du Princo Edouard. |  |  |  | Nenfound nd. Terrencare. |  | 10 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Quantity. } \\ & \text { Quantité. } \end{aligned}$ | Valuc. <br> Valeur. | $\begin{gathered} \text { Quantity. } \\ \text { Quantite. } \end{gathered}$ | Salue. <br> Valcur. | Quantity. | Value. valeur. | Quantity. | Value. | Quantity. | Value. valour. |
| Sugar--(Sucre).................................Lbs.\| | 3,107,000 | $\begin{gathered} \$ \\ 137,751 \end{gathered}$ | 241 | \$ 19 |  | マ $\quad 30$ | -106,96 1 | $5{ }_{5} 511$ | :3,244,605 | 143,301 |
| Molasses-(Melasse).........................Galls. | 153,013 | 36,245 |  |  | 510 | 169 | 19,500 | 4,152 | 203,023 | 40.566 |
| Wine--(Vins).. ............................ ...... | 220 | 520 |  |  |  |  | 331 | \$23 | 551 | 1,343 |
| Rum- (Rhum) .................................. " | 8,902 | 3,718 | 324 | 213 | .... | .... | ....... |  | 9,220 | 3,031 |
| Brandy-_(Eau-de-vic).......................... ، | 90 | 183 | SS0 | 834 |  |  |  |  | 670 | 1,017 |
| Gin - (Genievre)........................ ........ " | 1,029 | 67 | :20 | 105 | 45 | 40 |  |  | 1,394 | S22 |
| Dried Fruits-_(Eruits sces)....................Lbs. | 19,725 | 1,823 |  |  | ... |  |  |  | 10,728 | 1,823 |
| Coffec-(Cafe).......................... .. ...... | 37,445 | 6,23: |  |  |  |  |  |  | 37,445 | 6,223 |
| Toa-_(Thé)....................................... " | 97,S15 | 33,053 | 76 | 32 | 850 | 223 |  |  | 98,741 | 33,308 |
| Tobacco-('Tabac)......................... .... " | 22,620 | 6,407 |  | ........ | 300 | 83 |  |  | 22,920 | 6,495 |
| Fish-(Poisson) .................................. " |  | 53,750 |  | 45,185 |  | 2,255 | ........... | 70,173 | . ....... | 173,393 |
| Fish Oil-(Huilo de poisson) ................(ialls. | 37,161 | 25,3.41 | 1,536 |  | 50 | 48 | 27,357 | 19,146 | 60, 154 | $4 \mathrm{j}, 35 \mathrm{~S}$ |
| Other Oils--(Autre huile) ..................... .: | 152 | 153 | - 30 |  |  |  |  |  | 232 | 193 |
| Furs and Skins--(Fourrures et |  | 156 |  |  |  | .... | ......... | 5,210 |  | .,90.4 |
| Ilides -- (Penux crues). |  | 45 |  | 322 |  |  |  |  |  | 370 |
| Military Stores-(Munitions pour l'arméc)...... |  | :3,000 |  |  |  |  |  |  |  | :2,000 |
| Coal-(Charbon) ...... ........................Tons. | 4,900 | 16,125 | 120 | 4 SO |  |  |  |  | 5,624 | 16,605 |
| Flour and Meal-- (Fletu do farine et farine. Mhs. | 2,501 | 15,SS8 | 10 | S0 | 130 | 010 |  |  | \%,001 | 10,578 |
| Salt-(Sel)...................................Busliels. | 25, 523 | 5,114 | 5,190 | 6.15 | 220 | 70 |  |  | 31,53: | 5,829 |
| Cocon and Chocolate- (Cacoa et chocolai) ...... |  | 612 | , | - |  |  |  |  |  | 612 |
| Cottons-(Cotons).................... |  | 7,2:5 |  |  |  | 200 |  |  |  | 7,455 |
| Cordago- (Cordage) |  | 1,164 |  |  |  | 24 |  |  |  | 1,15S |
| Wood-- (Bois)...... |  | 1,600 |  |  |  | 255 |  |  |  | 2,293 |
| Woellens-- (Lainages) |  | 1,567 |  |  |  |  |  |  |  | i,ss9 |
| Other Articles-(Autres uriicies) |  | 32,562 |  | 5,782 |  | 6,155 |  | 4,352 |  | 49,151 |
| Totala. |  | 396,562 | . | 52,045 | ..... | 10,187 | .......... | 109,409 | $\cdots$ | 505,300 |
|  |  |  |  | $0$ | missioner | S. M. <br> $f^{\prime}$ C'us | $\begin{aligned} & \text { OUOHE } \\ & m s-( \end{aligned}$ | TE, <br> ammissa | $c . d c s 110$ | ancs.) |

 under Bond, in the Province of Canada, and of chargeable thereon at those dates. Warchouse
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écem-

27 Victoria.
No. $10-\mathrm{HETURN}$ of the Quantity and Value of Goods Imported, first into the Unirpd Srates and thence into CaNada, distinguishing Goode passing through under Bond from those purchased in the United States; also Goods the produce or manufacture of the United States,-
during the year 1868 .- (No. 10.-RAPPOR'T de la quantite et de la valcur des marchandises importées, en premicr lieu aux EtarsUnis, et de li en Canada, indiquant les marchandises passant par ce pays rous entrepôt de colles achetées dans les Efats. Unis ; ainsi que les marchandises de la provenance ou des manufactures des Etats-(inis, pendant l'anné 1863.)

No. 12.-GENERAL S'TATEMENI OF EXPORT'S, being a detailed Account of the Principal Articles of Canadian Produce nd Manufactures, shipped during the year 1863-showing the Quantity and Valuc of each Article shipped at the
ndermentioned Ports, and indicating to what Country Exported.
EAUU GENERAL DES EXPORTATIONN, ou compte détaile des principaux articles de la manufacture et
provenarioc CANADIENNES, expedies durant l'annéc 1868-indiquant la quantite ct la yaleur de chaque article
expédic aux ports ci-dessous mentionnes, et indiquant en quel pays il a ete exporte.


* P. P. denotes Freo Ports, aignifio Port Franc.

27 Victoria.
Sessional Papors (Documente)No. 3.



27 Victoria.


27 Victoria


27 Victoria.
Sessional Papers (Documents) No. 3.

No．12．－STATEMENT OF EXPORTS．－Continued．－No．12．－TABLEAU DES EXPORTATIONS．－Suite．

|  |  |  |  | 要 |  | （1） | \％ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
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27 Victoria．Sessional Papers（Documents）No． 3.
A． 1864

## 27 Victoria. <br> Sessional Papers (Documents) No. 3. <br> A. 1864




27 Victoria
Sessional Papers (Locuments) No. 3.

## 27 Victoria.



27 Victoria.


Sessional Papers (Dcouments) No. 3.





27 Victoria. Sessional Papers (Documents) No. 3.
A. 1864



27 Victoria.
Sessional Papers (Documents) No. 3.
A. 1864

27 Victoria. Sessional Papers (Dccuments) No. 3.

27 Victoria.
7 victoria. $\quad$ Sessional Papers (Documents) No. 3.


27 Victoria.
Sessional Papers (Documents) No. 3.
A. 1864


27 Victoria.




No. 12.-STATEMENT OF EXPORTS.-Continued.-TABLEAU DES EXPORTATIONS.-Suite.



57 Victoria.
iv. 12-STATEMENT OF EXPORTS.-Yontinued-TABLEAU DES EXPORTATIONS.-Suite.



27 Victoria $\quad$ Sessional Papers (Documents) No. 3.
A. 1864


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Sessional Papers (Documents) No. 3.
A. 1864

## 27 Victoria.

Sessional Papers (Documents) No. 3.
A. 1864


27 Victoria.
Sessional Papers (Documents) No. 3.
A. 1864
No. 12.-STATEMENT OF EXPORTS-Continued-TABLEAU DES EXPORTATIONS.-Suite



## 27 Victoria.

No. 12.-STATEMENT OF EXPORTS.-Continucd.-No. 12.-TABLEAU DES EXPORTATIONS.-Suite.

27 Victoria. $\quad$ Sessional Papers (Documents) No. 3.

No. 12-STATEMEN'S OF EXPORTS.-Contirued.-TABLEAU DES EXPORTATIONS-Suite.
No. 12.-STATEMENT OF EXPORTS.-Continued_-TABLEAU DES EXPORTATIO:SS-Suite.

No. 18.-SUMMARY STATEMENT of the Quantity and Value of the Principal Articles of Canadian Produce and Manufacture Exported during the year 18003 , -and indicating to what Country exported.
(No. 13:-TABLEAU SOMMAIRE de la quantite et de la valeur des principaux articles des produits des effets fabriqués du Canada exportés pendant l'année 1813, et indiquant dans quel pays ils ont été exportés.)

## TO WHAT COUNTRY EXPORTED.

A QUEL PAYS EXPORTES.

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$\stackrel{\leftrightarrow}{\square}$


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$\stackrel{8}{8}$
$\stackrel{5}{9}$
$1,39.4$
76.114
27.164
1,846
$\stackrel{\circ}{\circ}$
$\frac{\tilde{3}}{\stackrel{3}{5}}$ N

s



| 20,877 | 16,245 |  |
| :---: | :---: | :---: |
| 613 | , 6,173 | ..... ............ |
|  |  |  |

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Total Proluce of the Mine - - (Total, produit des ninos)...


Fresh-(Frais)
Oil-(Huile)
Purs or Skins, the produce of Fish or creatures living in the seat

- (Fourrures on peaux, produit du poisoon ou d'animaus
Total Produce of the Fisheries-_(Total, produit des pêtherieses.
THE FOREST: - (DES RORETS:)
Timber Pearl-(Perlasse), .......

官: 总
$, 088,236$
191,212
4.2 .255
89,111
421,181
4,620


## $g$ <br> 7101य4

27 Victoria．$\quad$ Sessional Papers（Documents）No．3．$\quad$ A． 1864
No 13．－SUMMARY STATEMENT OF THE QUANTITY AND VALUE，\＆C．－Continued．
（No．13．－－TABLEAU SOMMAIRE DE LA QUANTITE ET DE LA VALEUR，ETc．－Suite．）

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27 Victoria．$\quad$ Sessional Papers（Dociments）No． 3.
Sessional Papers (Dicuments) No. 3.


A. 1561


|  |  |  |  | $\left[\left.\begin{array}{l} 0 \\ 2 \\ 2 \\ 2 \\ 5 \end{array} \right\rvert\,\right.$ | 우웅웅 <br>  | $\begin{aligned} & \infty \\ & \sigma \\ & \alpha \\ & 0 \end{aligned}$ |  だもの |
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|  |  |  | one | $\left\|\begin{array}{c} \text { 8 } \\ \text { E } \\ \text { B } \end{array}\right\|$ | 웅구운난 <br>  | 突 |  |
|  |  |  |  |  |  |  |  <br>  |
|  |  |  | A8porn | $\begin{aligned} & 9 \\ & = \\ & 8 \end{aligned}$ | 콩둔융 <br>  |  | Nond |
|  |  |  | 969 |  |  |  |  <br>  |
|  |  |  |  |  |  |  |  |

27 Victoria．
Sessional Papers（Documents）No． 3.
A． 1864

No. 14.-COMPARATIVE STATEMENT of the Quantity and Value of the Principal Articles, \&e-Continued
(No. 1t.-ETAT COMPARATIF de la quantite et de la valeur des principaux produits et articles, etc.-Suite.


27 Victoria.


No. 15.-COMPARATIVE STATEMENT shewing the Value of the Principal Articles exported from Canada, Scaward, via the St. Lawrence, during the years $186^{\circ}$ and 1863. (No. 15.-TABLEAU COMPARATIF indiquant la valeur des principaux articles exportés du Canada par la voie du St. Laurent, pendant les annees $186^{\circ}$ et 1863.)

No. 16.-STATISTICAL, VIEW of the Commerce of Canada, exhibiting the Value of Exports to, and Imports from Great Britain, her Colonies, and Foreign Countries, together with the Tonnage of Vessels arriving and departing during the year
1863, -including in such Tonnage the Vessels engaged in the Inland Trade.
No. 16.-APERGU STATISTIQUE du commerce du Canada, montrant la valeur des exportations et importations en Angletére,
de ses colonies et autres pays etrangers, ainsi que du tonnage des navires qui y sont arrivés et en sont partis pendant l'annee
1863 - - comprenant dans ce tonnage les navires engages dans le commerce de lintérieur.

|  |  |  |  | PPING.-NAVIGATION. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\underset{\substack{\text { Tonnage of } \mathrm{Br} \\ \text { (Tonnage de } \\ \text { Britanni }}}{ }$ | ish Vossels. vaisseaux ues.) |  | $\begin{aligned} & \text { of Foreign } \\ & \text { sellg. } \\ & \text { es } \begin{array}{l} \text { aissauas } \\ \text { igers.) } \end{array} \end{aligned}$ | - To |  |
|  |  | Entered <br> Invards. <br> (Rntres.) | $\left\|\begin{array}{\|c\|} \text { Clearad } \\ \text { Outwards. } \\ \text { (Sortis.) } \end{array}\right\|$ | Entered <br> Inwards <br> (Entres.) | Cleared Outwards. (Sortis.) | Entered Invards. <br> (Entrẹas.) | $\begin{aligned} & \text { Cleared } \\ & \text { Ontwards. } \\ & \text { (Sortis.) } \end{aligned}$ |
| Oroat Britain$\qquad$ (Grande Bretagno) arth Amorican Colonies-(Colonies de l'Amériquo du Nord). Unitod States of America British West Indies-_(Indes Occidentales Britanniques). Other Foreign Countries$\qquad$$\qquad$$\qquad$ (Etats-Unis de l'Amérique)...... (Autres pays: Etrangers).$\qquad$ |  |  |  | $\begin{array}{r}\$ 6 \\ 17,43,718 \\ 935,186 \\ 57,542 \\ 22,534,74 \\ 841,002 \\ \hline\end{array}$ | $\begin{array}{r}5 \\ 20,177,572 \\ 510,713 \\ 132,185 \\ 23,109,362 \\ 2,049,651 \\ \hline\end{array}$ | 2,578,937 | 2,575,284 | 2,001,073 | 1,385,043 | 4,580,010 | 4,460,32T |
|  |  | 41,831,532 | 45,964,493 |  |  |  |  |  |  |
| Nots.-For Tonnage of Sea-going Vessels, Inwards and Outwards, included in this Table, see Tables No3. 29,31 and 32.et sortis, compris dans ce täbleau, voir les tableaux Nos. 29,31 et 32 .) |  |  |  |  |  |  |  |  |  |
| No. 17.-COMPARATIVE STATEMENT of the Value of Imports and Exports of Canad (No. 17.-TABLEAU COMPARATIE de la valeur des importations et exportations du Cana |  |  |  |  |  |  |  |  |  |
| Increase in 1863_- ugmentation on 1863... | (Exports-Exportations.) |  | Imports-(Inportations.) |  |  | Total Inports and Exports-(Total des importations et exportations). |  |  |  |
|  |  |  | ${ }^{45,600,633}$ |  |  | $\underset{\substack{\text { S2,196,758 } \\ \text { Sf, } 706,025}}{\mathbf{S}}$ |  |  |  |
|  | .......................................................................... |  |  |  |  | 5,599,267 or $62-5 \mathrm{p}$. cent-ou $62.5 \mathrm{p} . \mathrm{c}$. |  |  |  |

No. 19.-COMPARATIVE STATEMENT of the Gross and Net Revenue received from Customs, for the years 1859, 1860, 1861, 1862 and 1863.
1862 859, 1860, 1861 annes ann brutes et nettes des douanes, pour les et 1863.)


No. 18. -COMPARATIVE RETURN of the Value of the Exports of the Domestic Produce and Manufactures-the Value of Goods entered for Consumptionand the Amounts of Duties collected at each Port in Canada-during the years 1861, 1862, 1863 and 1864.
(No. 18.-TABLEAU COMPARATIF de la valeur des exportations des produits et manufactures domestiques-de la valeur des marchandises importées pour consommation-et du montant des droits perçus à chaque port en Canada, pendant les années 1860, 1861, 1862 et 1863.)


Note.-Ports thus (*) marked havo been discontinual as Ports of Entry, and their Returns are included in those of the Ports to which they dre attached.
(Note,-Les ports ainsi (\%) distidgués ont cesse d'ere ports d'ontree, et leurs rapports sont compris dansccir des rapports auxquels ils sont attaches:
R. S. M. BOUCHETTE,

Commissioner of Customs.
(Commissare ace Douanes.)

No. 20.-Comparative Statement of the Quantity and Value of Goods imported into the Frce Port of Gaspe, from British and Foreign Ports, during the years 1s62 and 1863. (No.20.-Tableat Comparatif de la quantite et dela valcur des marchandises importees au fort franc de Gaspé; des ports Anglais et étrangers, pendant les années 1862 et 1863.)


Value of Imports at Gaspe, Outports, 1863 - (Valeur des import's. \&े Gaspé et ports extérieurs, 1863).. $\$ 428,623$ do do $1862-$ ( do $\therefore \quad$ do do 1862 ). 4 420,180

Increase in 1863 - (Augmentation en 1863)

No. 21.-COMPARATIVE STATEMENT of the Quantity and Yalue of Goods Imported into the Frec Ports of Sault Ste. Marie, from British and Foreign Ports,-during the years 1862 and 1863.
(No. 21.-TABLEAU COMPARATIF de la quantité et de la valeur des marchandiscs importees au port franc du Sault Stc. Marie, des ports anglais et etrangers, pendant les anńces 1862 et 1863.)


No. 22.-COMPARATIVE STATEMENT of the Quantity and Value of Goods exported fyom the Free Port of Gaspe to British and Forcign Ports, during the years 1862 and 1863.
(No. 22.-TABLEAU COMPARATIF de la quantite et valeur des marchandises exportees du port franc de Gaspé aux ports anglais et étrangers, pendant les anneés 1862 et 1863.)

| AたITCIES. | 1562. |  | 1863. |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity. <br> (Quantite.) | Value. (Valeur.) | $\begin{gathered} Q u z \\ (Q u \end{gathered}$ | leur.) |
| Lead Ore-(Minerai de plomb)........... ...............TOng. <br> Stone- (Pierre) |  | 240 |  | \$ |
|  | 325 | 66. |  | 60 |
| Fish-Dried and Smoked-Poisson-séché et fume.Cwt. | 184,676 | 560,94S | 250,964 | 03,347 |
| Pickicd_(Muile)........................................................................... | 26,252 | 35,067 | 39,409 | 69,754 |
|  | ( 58,115 | 43,295 | 58,360 | 36,957 |
| Furs or skins, the produce of Fish or Crentures living in the Sea-(Fourrures et poaux, provenant des poissons ou d'autres animaux rivants dans la mor) ....... |  | 15,115 |  | 6,786 |
| Timber-Birch_(Bois-Moulenu) ...... ..................Tons. | : 22 | 11 | 221 | 412 |
|  |  |  | 22 | 290 |
|  |  |  |  |  |
| Whito Pinc-(Pin bla Red Pine-(Pin rouge |  | 2,522 |  |  |
| taves-_(Donves) ....................................... Mill | 58 | 35 | 39 | 363 |
| Scantlings - (Voli | 841 | 1,089 | 874 | , 351 |
| Tree |  |  |  |  |
| Deals -- (Madriers) ......St'd. Mund--Pied | 16 | 524 | 7 | 1,049 |
| Planks \& Boards-(Planches)...... ....... M. rect, | 207 | 1,543 | 179 | 1,656 |
| Lasts and Spars--(Mâts ct ospars)...... P | 48 | 10 |  |  |
| ath \& Lathwond--(Lattos et bois in lattes) | 87 | 357 | 81 | 315 |
| Shingles--(Bardeaux)...... ........ .........Millc. | 3,173 | 12,493 | 2,184 | ,291 |
| Other Woods |  |  |  | 311 |
| Animals-Horses-- (Animaux-C |  | 250 |  | 460 |
| Morned Cattle -- (Bêtes à cornce) | - | 106 | 21 |  |
| Sleep--(Moutons) |  |  |  |  |
| Produce of Animals - Buef- (Produits des nninaaux |  |  | 71 | 459 |
|  | $\therefore 13,344$ | 2,259 | ,00, | . 559 |
| : Eggs-(Eufs)................. ..............Dozen. | 3,729 | 8336 | 3,403 | 298 |
| Furs undressed- (Eourrures non préparécs)... <br> Lard-(Saindoux)................... .............Lbs. |  | 2.521 |  | ,034 |
|  | 160 | 30 |  |  |
|  | 7 S | 492 |  | 2,369 |
|  |  | 15 |  |  |
| Agricultural Products-Barley and liye-m-(Produits \} agricoles-Orge et seiglo) ......... ............ .........Bus. |  |  |  | 120 |
|  |  |  |  |  |
| Flour and Meal-(Fariue)........................Brls. <br> Truit-green- (Fxuits verts) | 230 | , 60 |  | 227 |
|  |  |  | 172 | 055 |
| Oats- (Avoino)................................... Bus. | 3,014 | 1.343 | 1.296 |  |
|  |  |  |  | 30 |
|  |  |  |  |  |
|  |  |  |  | , |
| Manufacturos-Biscnits-(Art. fabriaucis-jiscuits)Cwt. |  |  |  |  |
|  | \% | 10 | 240 |  |
|  |  | 150 |  |  |
|  |  |  |  |  |
| Soap-(Srvon).......................................Lbs <br> Wood-mois) | 124, | 9 | b |  |
| $\text { Wood } \frac{1}{\text { ( Dois }) . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . ~}$ |  | 9 |  |  |
| Liquors-Ale and $\operatorname{Be}$ er- (Liqueurs-Aile et biere) Gals. <br> Whiskey-(Whisky). <br> Other Artieles - (Articles divers) | 0 | 40 |  |  |
|  |  | 6,751 |  | ,81 |
|  |  | 691.075 |  | 754,552 |

[^0]No. 23.-COMPARATIVE STATEMENT of the quantity and value of Goods Exported from the Free Port of Sault Ste. Maric, to British and Foreign Ports, during the jcars 1862 and 1863.
(No. 23.-TABLEAU COMPARATIF de la quantite et raleur des articles exportés du port franc du Sault Ste. Marie des ports britanniques et étrangers, durant les annees 1862 et 1863.)

|  | 180. |  | 1503 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Quantity. } \\ & \text { Quantite. } \end{aligned}$ | $\begin{aligned} & \text { Value } \\ & \text { Valeur. } \end{aligned}$ | Quantity. Quantite. | Value. Valeur. |
|  |  | S | 1,405 | 125,176 |
| Copper 9re-(Minerai de euivre)............................. ¢ $_{\text {\% }}$ | 3,114 | 250,463 | 3,038 | 245,294 |
| Fish-pickled- (Poisson-sale)............................Brls. | 50 | 22 S | 299 | 1,479 |
| Staves-(Douves)...........................................Mille. |  |  | 8 | 425 |
| Kneus- (Conrbes) .........................................Pioces. | 8.000 | 4,000 | ....... |  |
| Deals-(Madriers).............. .....staud. Hund.- Cent. | 10 | 250 | ...... |  |
| Firswood- (Bois de chautfage) ............ ..... ........ Cords. | 300 | 150 | 350 | 600 |
| Other Woods-1 (Autres bois) ................. . . . . . . . . . . . . . . |  | 2.750 |  |  |
| Saw Logs | 200 | 100 |  |  |
| Animals-Horses-(Animaux-Chevaux).................. "\% | $4{ }^{4} 1$ | 120 150 | 4 | 270 90 |
| Furs-nndressed - (Fourrures-non preparees)................. | 4 | 40,764 |  | 56,029 |
| Hides- (Peaux vertes)............................................. |  | 10 |  |  |
| Hay-(Foin) ........................................................T. Tons. | 10 | 80 |  |  |
| Maple Sugar-(Sucre d'erablo)................................Lbs. | 3,524 | 251 |  |  |
| Vegetables-(Vegetaux)................................................ |  | 80 |  |  |
| Indian Barkwook (Ourrages en ecorce) |  | 237 |  | 29 |
| Other articles-(Autres articles).. |  |  |  |  |
| To |  | 305,858 |  | 430,543 |

Value of Exports at Sault Ste.Marie in 1S63-(Valeur desexportations au Sault Sto.Mario on 1862) $\$ 430,548$ do
do 1562-( 10 (Augmentation en 1S03)
ilo 1862) 305,858
$\$ 124,690$

## R. S. M. BOUCHEITE <br> Commissioner of Custons. <br> (Commissaire des Douanes.)

No. 24.-Comparative Statement of the Quantity and Value of Goods imported into the Free Port of Gaspé, from other Canadian Ports, during the ycars 1862 and 1863.
(No. 24.-Tableau Comparatif de la quantité et valeur des articles importés dans le port franc de Gaspe d'autres ports canadiens, durant les années 1862 ct 1863.)


No. 25.-COMPARATIVE STATEMENT of the Quantity and Value of Goods Imported into the Free Port of Sault Ste. Maric, from other Canadian Ports, during the years 1862 and 1863.
(No. 25.-TABLEAU COMPARAT1F de la quantite et de li valcur des marchandises importées au port franc du Sanlt Ste. Maric, dautres ports cana(liens, durant les annees 1862 et 1863.)


No. 26.-COMPARATIVE STATEMENT of the Quantity and Value of Goods Exported from the Frec Port of Gaspe to other Canadian Ports, during the ycars 1862 and 1863.
(No. 26.-TABLEAU COMPARATIF de la quantité et valcur des articles exportés du port franc de Gaspe i d'autres ports canadiens, durant les années 1862 et 1863.

|  | 1562 |  | 1863. |  |
| :---: | :---: | :---: | :---: | :---: |
| ARTICLES | $\begin{aligned} & \text { Quantity. } \\ & \text { Quantite. } \end{aligned}$ | Valuc. | Quantity. <br> Quantite. | Value. <br> Valcur. |
|  |  | $\leqslant$ |  | 3 |
| Barley - (Orge)......................... ........ ........ Bus.-Mts. | 48 | 24 |  |  |
| Butter--(Beurre) ................................................Lbs. | 220 | 27 | 440 | 60 |
| Boots and Shoes-(Cottes ot souliers)........................... |  | 112 |  |  |
| Cordage |  | 30 |  | 325 |
| Cottons-(Cotons)......... ................... ......................... |  | 31s |  |  |
| Eggs - (Eufs)........................... .........................D Doz. | 1,696 | 163 | 1,725 | 179 |
|  |  | 314 |  | 47 S |
| Fire Brick-_(Brique it feu).......................................... |  |  |  | 1,500 |
| Fish—riz: Cod_-(Poisson, savoir : Morue)...................... | 6iS,214 |  | 73,208 |  |
| - ILerrings-(Marongs)................................. | 13,847 |  | 18, 941 |  |
| Malibut and Maddock-_(Alibi ct morue).......... |  |  | 567 |  |
| Salmon and Trout-(Saumon et truite)........... | 1.7,170 |  | 18,058 |  |
| Mackerol- (Maquerenu) | 3,118 |  | 3,612 |  |
| Oysters-(Ifuitres).............. ...................... | - 2,146 |  | 1,225 |  |
| Pickled-(Salé). | - 457 |  | 18,091 |  |
| Flour and Meal-(Fleur de farine)........... .............. Erls. | 7 | + 42 | 12 | $\begin{array}{r}1.33,700 \\ \\ \\ \hline 59\end{array}$ |
| Fruit-Green--(Fruits verts) ......................................... |  | :310 |  | 12 |
| Furs and Shins - (Fourrures et peaux) |  | 6,736 |  | - 7,126 |
| Grindstones-(Pierres a aigaiscr).............................. . . |  | 59 |  | 345 |
| Ilides and frorns-(Peaux vertes et cornes) ...... .............. |  | 1,795 |  | 1,785 |
| Manufactures of Wood-_(Articles de bois)....................... |  | 181 |  | 100 |
| Ments-(Viandes).. |  | 197 |  | 127 |
| Molasses-(Mélasso)........ .................................. Gals. | 123 | 28 |  |  |
| Nets, Lines and Twines-(Filets, lignes ot ficelles) ............ |  | 215 |  | 392 |
| Oats- (Avoine ) .........................................Cus.-MIts. | 290 | 144 | 2,633 | S17 |
|  | 127,725 | 66,549 | 107,326 | 62,022 |
| Rags-(Guenilles)...................... ........ ...................... |  | 353 |  | 637 |
| Salt-_(Scl) ................................. ..............Bus.-Mts. | 500. | 117 | 2,400 | 5 SO |
| Scrap Metal and Ores-(Mincrai de toutes sorte) \#.............. |  | 440 |  | 962 |
| Settlers' Goods - (Articles d'emigrants)........................... |  | 5,564 | ............. | 8,397 |
| Ships' Rigging and Sails--(Grément de navire ot voiles)..... |  | 452 |  | 231 * |
| Tea- (The)......................................................Lbs. | 293 |  | ... |  |
| Vegetables--(Végétaux)...... .................................... .. |  |  | .... | 55 |
| Whalebone- (Balcine)............ .................................... |  | 20 | . | 109 |
| Wood- (Bois) .......... |  |  |  | 194 |
| Woollens-(Laiages) |  | 20 |  | 240 |
| Other Articles- (Autros articles). |  | 465 |  | 505 |
| To |  | 189,7S6 |  | 220,037 |

[^1]No. 27.-Comparative Statement of the quantity and value of Goods exported from the Free Port of Sault Ste. Maric to other Canadian Ports, during the years 1862 and 1863. (No.27.-Tableau Comparatif de la quantité et de la valeur des articles exportés du port franc du Sault Stc. Maric il d'autres ports canadiens, durant les années 1862 et 1863.)


| Countries from which they Entered.Pays d'où ils riennent. | British-(Britanniques.) |  |  | Forcign-(De l'stranger.) |  |  | British--(Britanniques.) |  |  | Foreign-(De l'étranger.) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | No. of Vessels. (No. de vaissenux.) | Tons. | $\begin{gathered} \text { Men. } \\ \text { Hommes } \end{gathered}$ | No. of Vassels. (No. de raisecaux.) | $\left\lvert\, \begin{gathered}\text { Tons. } \\ \text { Ton'x. }\end{gathered}\right.$ | Men. | No. of Vosrels. (No. de raisseaux.) | Tons. | Men. Hom. | No. of Vessels. (No. de vaisseanx) | Tons. | \| $\begin{aligned} & \text { Men. } \\ & \text { Hom. }\end{aligned}$ |
| United Kingdom-(Royaume Uni) <br> Nova Scotia-_(Nourolle-Ecosse). $\qquad$ | 431 30 | 313,238 4,800 | 10,501 | 25 | 9,160 | 290 | -- ${ }^{392}$ | 253,231 |  | $\frac{\text { vaisseaux. }}{}$ |  |  |
|  | 30 25 | 4,800 1,155 | 491 105 |  |  | 250 | 79 7 | 253,231 1,596 | 6,786 56 | 89 | 141,S06 | 1,231 |
| Nenfoandland - (Terreneuve) ..........................i] | - 34 | 1,155 | 105 178 |  | 200 |  | 16 28 | 1,035 | 56 72 |  |  |  |
| St. Pierre-Miquelon | 7 1 | 565 84 | 35 $\quad 5$ |  | 200 57 |  | $\begin{array}{r}28 \\ \hline \\ \hline\end{array}$ | 5,348 122 | 215 12 |  | 284 | 17 |
| Free Ports of Canada - (Ports d'en bas, Canada). | $\begin{array}{r} 1 \\ 186 \end{array}$ | 84 8,495 | 5 762 |  |  |  |  |  |  | ......... |  |  |
| United States - (Etats-Unis). <br> St. Paul's Island - (Iele St. Paul)...................... | ${ }_{6}$ | $\begin{array}{r}8,495 \\ \hline 882\end{array}$ | 66 63 |  |  |  | 27 | 1,248 |  |  |  |  |
| Brit. West Indies-(Indes Occidentales Anglai........ |  |  |  |  |  |  |  |  |  |  |  |  |
| Spanish W. Indies-(Indes Occident. Espagnoles).. |  | 2,089 | 47 |  |  |  |  |  |  | 2 | 1,598 | 36 |
| South America_- (Amerique du Sud)................. |  | 2,085 |  |  |  |  | 1 | 690 | 17 |  |  | 20 |
|  |  | 2,780 | \$7 |  | S15 |  | ${ }_{6}$ | 4,000 | 122 |  |  |  |
| Portagal........... .............................................. |  | 2,974 | S6 |  | 1,222 | 43 |  | 7,637 | 200 | 14 | 6,467 | 191 |
| Netherlands................................................................... |  | 1,402 | 45 | 3 | 1,225 -645 | 31 |  | 33,464 6,035 | 961 | 14 | 5,708 | 176 |
| Belgiam-(Bolgique) .................................................... |  |  |  |  |  |  |  | 6,0 | 178 | 15 | 5,231 | 185 |
| Holland........................................................... |  | $1 ; 811$ 203 | 48 | 3 | 3,056 | 33 | 5 | 3,051 | 77 | 3 | 1,943 | 49 |
| Hamburgh- (Hamb |  |  |  | 1 | 257 | 9 |  | 3,051 | 77 |  | 327 | -11 |
| Normay-- |  |  |  |  | 2,164 | 69 | 2 | 1,794 | 40 | 4 | 1,843 | 60 |
| Sweden-(Sudd |  |  |  |  | $1 ; 051$ $\mathbf{7 9 5}$ | 29 30 |  |  |  |  | 1,131 | 82 33 |
| Gibraltar......... |  |  |  |  |  |  |  |  |  | 65 | 29,488 | S85 |
| Africa - (Afrique) |  |  |  |  |  |  | 12 |  |  | 1 | ${ }^{-544}$ | 15 |
| Italy-(Italie) |  |  |  |  |  |  | $\begin{gathered} 12 \\ 5 \end{gathered}$ | 5,752 1,901 | 157 | 2 | 1,020 | 27 |
| Sioily_(Sicile) |  |  |  |  |  |  | 20 |  | $58$ | 2 | ${ }^{617}$ | 23 |
| Bardinia-(Sardaigue)................................................... |  | 1,160 1,005 | 29 | 1 | 391 | 13 | 0 | 10,271 | 285 | 4 | 1,894 | 54 |
| Azorcs or W. Islands |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | 1 | 325 | 11 |
|  | $747 / 13$ | 345,571 | 12,524 |  |  |  |  | 342 | 12 | ..- 1 | 737 | 20 |

No. 28.-STAMEMENT of British and Foreign Vessels entered Inwards, from Sea, de.-Continued.

| Countries from which they Eniered. <br> Pays doun its viennent. | With Cargoes, -(Charges.) |  |  |  |  |  | In Ballast.- (Non chargés.) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | British--(Britanniquues.) |  |  | Foreign.-(De l'etranger.) |  |  | British-(Britanniques.) |  |  | (Foreign.-De létranger.) |  |  |
|  | No. of essele. (No. de vabsur | $\frac{\text { Tons: }}{T-n^{\prime} x .}$ | $\begin{gathered} \text { Men. } \\ \text { Hommes } \end{gathered}$ |  | $\begin{aligned} & \text { Tons. } \\ & \text { Ton'x: } \end{aligned}$ | $\begin{array}{\|c\|} \hline \text { Men. } \\ \hline \text { Hom. } \end{array}$ | $\begin{gathered} \text { No. of } \\ \text { Vesels. } \\ \text { (No. le } \\ \text { raisscauls.) } \end{gathered}$ | $\begin{aligned} & \text { Tons. } \\ & \text { Ton’. } \end{aligned}$ | $\left\|\begin{array}{c} \text { Men. } \\ \mathrm{Hom} . \end{array}\right\|$ | $\begin{gathered} \text { No. of } \\ \text { Veselg. } \\ \text { (No. de } \\ \text { vissceaux) } \end{gathered}$ | $\begin{aligned} & \text { Tons. } \\ & \text { Ton'x. } \end{aligned}$ | $\begin{array}{\|l} \text { Men. } \\ \hline \text { Hoin. } \end{array}$ |
| United Kingdon-(Royaume-Uni). <br> Nova Scotia-(Nouvelle-Ecosse) | $\stackrel{230}{51}$ | $\left\lvert\, \begin{gathered} 11,1,16 \\ 6,577 \end{gathered}\right.$ | $\begin{gathered} 0,066 \\ \hline 10 \end{gathered}$ |  | 2,473 | s7 | $\stackrel{16}{2}$ | 3,976 1,515 | ${ }_{4}^{186}$ |  | 2,165 | 59 39 |
| Ness Brunswick - (Nouveau-Bruns |  | $\begin{array}{r} 6,577 \\ 519 \end{array}$ | $\stackrel{12}{12}$ |  |  |  |  | 1,515 | 43 |  | 1,052 | 33 |
| Prewfoundland-(Terrencuve) ........................ |  | 1,420 121 | - 4 |  |  |  |  | ${ }_{3} 367$ | 15 | - 1 | 200 | 10 |
| St: Pierre-Miguelon.............................. |  |  |  |  |  |  |  | $\begin{aligned} & 8,761^{2} \\ & -25^{\circ} \end{aligned}$ | 142 4 |  |  |  |
| Freo Ports of Canadn-(Ports 1rauvedur Canada)... | 11 | 6 c. | 31 |  |  |  |  |  |  |  |  |  |
| United States-(Etats-Unis) | 1 |  |  |  |  | ........ | - 1 | 297 | 10 |  | .......... |  |
| Spanish W. Indies-(Indes Occident. Espagnoles).. |  | 1,354 | - 52 |  |  |  |  |  |  |  |  |  |
| Franco ............................................... |  | 1,630 | 55 | 1 | 391 | 13 |  | 1,162 | $3 \pm$ |  | 116 | 5 |
| Spain-(Espagne) Portugal ......... |  | 2,415 306 | 55 <br> 11 |  |  |  |  | 1,737 |  |  | 330 | 11 |
| Belgium- (Belgique). |  | - 3 ,812 | 47 |  | 1,537 | ${ }_{32}^{17}$ | 1 | 319 | 12 | 1 | ${ }_{317} 350$ | 11 |
| Holland-(Hollande)... |  | 20. |  |  |  |  | 1 | 603 | 22 |  |  |  |
| Manburgh-(1fambourg) |  |  |  |  |  |  |  |  |  | 1 | 682 | 19 |
| Noriva-(Sierie) | 2 | 1,104 | 20 |  | 420 <br> 392 | 15 |  |  |  | 4. | 1,547 | 54 |
| Qibraltar.......... |  |  |  |  |  | 13 | 1 | 194 | ${ }_{8}^{22}$ |  |  |  |
| Algiers-(Alg ${ }^{\text {arie }}$ |  |  |  | ..... ....... |  |  |  |  |  | 1 | 306 | 11 |
| Clina-(Chine). | $\cdots$ | 1,527 | 50 |  |  |  | 2 | S3s | 29 |  |  |  |
| Totals ............................... | 318 | 160,948 | ${ }_{6} 895$ |  |  |  |  |  |  |  |  |  |
| GASPEAND OUTPORTS.-GASPEET PORTS EXTERIEURS. |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | ${ }_{7}^{37}$ | 7,453 | ${ }_{334}^{339}$ |  |  |  |  | \$39 | 46 |  |  |  |
| Now Brunswick-( N ouveau-Branswick). |  | 3,130 |  |  | - ......... |  |  | 1, 11.148 | 119 | ............. |  |  |
| Newfoundlant-(Terreneure) ................ ....... | 2 | \%,34 | 20 |  |  |  |  | 1,107 | ${ }_{\text {s0 }}$ |  |  |  |



No. 29.-RETURN of the Number aud Tonnage of Vessels which arrived at and departed Sea, in the year 1863, distinguishing the (No. 29.-TABLEAU indiquant le nowbre ct le tonnage des vaisseaux qui sont arrivés (No. 29.-TABLEAU indiquant le nowbre et le tonnage des vaisseaux qui sont arrivés
Verte et Rimouski, par la mer, eu l'année

| arrived - (arbites.) |  |  | departed- - (partis.) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Uader what Cuolours: Sous quels parillons. | No. of ressels. No. de valaseaux. | Tonnage. | Under what Colours. <br> Sous quaels pavillons. | No. of vessels. <br> No. de vaisseaux. | Tonnage |
| British-(Auglais) | 1,381 | 684,583 | British - (Anglais) | 1,499. | 736,500 |
| United-States - (E.-Unis) |  | 2,500 | United States-(E.-Unis) |  | 3,121 |
| French- (France) ......... | 1 | 100 | Fronch*-(France)....... | 2 | 502 |
| Norwegian - (Norvége)... | 187 | 33,743 | Norwogian - ( Norvege)... | 139 | 84,415 |
| Prussian - (Prusse) ....... | 41 | 17.498 | Prussian - (Prusse) ...... | 41 | 17,408. |
| Austrian - (Autricho)...... |  | 359 | Austrian - (Autriche) ..... | , | 389 |
| Swedish - (Suède) ......... |  | 2.192 | Swedish-_(Suède) ......... | 5 | 2,192 |
| Hamburgh-(Iambourg) | - ${ }^{5}$ | 5,558 | Hamburgh ( (Hambourg) | , | 5,553 |
| Bremeu- (Brême)......... |  | 1,562 | Bremen - (Brence)......... |  | 1,862 |
| Spanish-(Espagne) ..... | , | 191 | Spanish - (Espagne) ...... |  | 191 |
| Portugueso- (Portugal)... | 12 | 2,584 | Pcrtuguose-(Portugal)... | 13 | 2,740 |
| Russian- (Russe)......... | $\square$ | 1,304 | Russian- (Russe) ......... | - 2 | 1,304 |
| Oldenburg-(Oldenburg). |  | 1,090 | Oldenburg--(Olden berg).. | 3 | 1,090 |
| Mecklenberg.................. |  | 1.589 | Macklonberg........ | 4 | 1.589 |
| Danistorerian-(Hannis) ........ |  | 846 688 | Danish- (Danois) ......... | 3 | 340 663 |
| Holland-(Holland)....... |  | 650 | Holland- (Hollande)..... | 1 | - 650 |
| Tutals................... | 1,661 | 807,647. | Totale ................. | 1,785 | 361,208 |

* A now. Vessel suld to a French House and sailed ander French Flac.
(* Un nouveau vaisscau vendu à une maison fran gaise et naviguant sous lo pavillon français.)


27 Victoria.
from Quebec, Montreal, Gaspe and Outports, New Carlisle, Isle Verte, and Rimouski, by Countries to which they belonged.
ct partis des ports de Québec, Montreal, Gaspe et les ports esterieurs, New-Carlisle, Me
1862 ; distinguant leur nationalité) ; distinguant leur nationalité.)


| Arrived.-(Armyes |
| :---: |
| Under what Colours. (Sous quels pavillons.) |
| British- ( Anglais).. |
| United States- - (Etats-Unis) |
| Norwegian-(Norvege)...... |
| Sremen-(Brème) .... ...... |
| Totals. ............... |

(ARRvEs.)

| departed.-(Partis.) |  |  |
| :---: | :---: | :---: |
| Under what Culours. (Sous quels pavillons.) | $\left\|\begin{array}{c} \text { No. of } \\ \text { Vessels. } \\ \text { (No. de } \\ \text { naisseaux. } \end{array}\right\|$ | Tonnage. |
| British-(Anglais) ...... | 5 |  |
| United States- (E.-U.)... |  | 2,318 |
| Norwegian - (Norvige)... | 5 | 1,799 |
| Swedish- (Suede) ........ | 1 | 553 |
| Bremen - (Breme) ........ | 1 | 350 |
| Totals............. | 14 | 9,057 | TION.


R. S. M. BOUCHETTE,

Commissioner of Customs
(Commissaire des douanes.)

27 Victoria. Sessional Papers (Documents) No. 3.

No. 30.-STATEMENT of British and Foreign Vessels cleared Outwards, for Sea Gaspe and Outports, New Carlisle, No. 30.-TABLEAU des raisecanx tant britanniques que de l'etranger qui sont ports extéricurs, Now Carlisle

|  | With Cargoes-(Chargés.) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | British-(Britanniques.) Forcign-(De l'érranger.) |  |  |  |  |  |
|  | No. | Tous. | Nen. |  | Tous. | Men. $=-$ Inom. |
| Unitod Kingdom-(Roynume-Uni) |  | 695.763 | $19,900$ | 243 | 10,4:2 | :8,230 |
|  |  | 5.152 4,573 | $\begin{aligned} & 560 \% \\ & 385 \% \end{aligned}$ |  |  |  |
| Newfundland- (Turreneuse)......................... | 48 40 | 4,573 3,121 |  |  |  |  |
| Prince Edward's Istind- - (tale da Prinee Eiluatrd) | 12 | 756 | 55 |  | 57 |  |
| St. Pierre-Miquelun................................. ..... |  | 245 | 16 |  |  |  |
| Free Ports of Canada- Ports franes du Camaia)... | 217 | 9.569 |  | ...... | ... | . |
| St. Paul's IHland_ (lsio St. I'aul) .................... |  | 311 |  |  | .... | ... |
| United States-(Etats.Unis)................................ | 1 | 776 | 219 | 2 | -321 | 15 |
| British West Indies-(Indes Oreidentales Aughiases) <br> Spanish W. Indies-(Indes Uecidentales Esparnoles). |  | $\begin{aligned} & 637 \\ & 735 \end{aligned}$ | $4{ }^{3}$ | .... | ........... | . |
| France................................ ................... ... | 10 | 6.272 | 159 |  | 1,905 | ${ }_{6} 1.1$ |
| Epain - (Espugne). |  |  |  | 1 | 380 |  |
| Portugal:........ |  |  |  |  | 2,931 |  |
| Belgium-(Bulgique). | 5 | 3,456 | 82 |  | 483 | 13 |
| Holland.. |  |  |  |  |  | 15 |
| Bremen-(Brème)... |  | 621 | 15 |  | 2,14.3 | 68 |
| Normay- - (Norvege). |  |  |  |  | ${ }_{5} 52$ | 26 |
| Prussia - (Prusse) |  |  |  |  |  | 32 |
| Germany - (Allemagne)................................. |  | 408 | 13 |  | 2,631 | 63 |
| Jersey $\qquad$ $\qquad$ $\qquad$ $\qquad$ Azores or west Islunds-(Azures ou Isles Occident | 1 | 203 | 11 |  | ........ |  |
| Azores or West. Islands--(Azores ou Isles Occident) Australia--(Australie) |  | 280 |  |  | 737 304 |  |
|  | 1,499 | 736,500 | 22,453 | 286 | 124,70S | 3,714 |

PORTOFMONTREAL-(PORT DEMONTREAL.)

| Countries for which they cleared. <br> Paye où ils sont alles. | With Cargoes-(Charges.) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | British-(Britanniques.) Foreign-(De l'stranger.) |  |  |  |  |  |
|  | No. | Tons. | $\frac{M c \mathrm{n}}{\mathrm{Hom} .}$ | No. | Tons. | Men. |
|  | 275 | 155.277 | 6,513 | 31 | 10,802 | 369 |
|  | 32 | , 3,275 | 21.4 |  |  |  |
| New Brunswick-(Nouveau-Bruswiek).................. | 12 | 746 | 5.4 |  |  |  |
|  | 23 | 2,437 | 144 |  |  |  |
| Newfoundland $\qquad$ ('Terrencuve) $\qquad$ Free Ports of Canada - (Ports franes da Canada): |  | . 380 | - 33 |  |  |  |
| Free Ports of Canadn - (Ports frines du Canada) St. Pierrs-Miquclon. United States-DEATE-Unis) $\qquad$ | 5 | 341 | 22 |  |  |  |
|  | 1 | \$2 | 5 |  |  |  |
| British West Indies-( Indes Occidentales Anglaises)..Franco................................................ |  | 460 | 26 |  |  |  |
|  | 1 | 378 | 13 |  |  |  |
| Portugal. |  |  |  | 1 | 150 | 9 |
| Norway | -........ |  |  |  | 207 |  |
|  | 301 | 163,371 | 7,024 | $33^{\prime}$ | 11,165 | 357 |

and Seaward, during the year 1863, from the Ports of Quebec. Moutreal, Isle Verte and Rimouski.
partis pour la mer, durant l'annce 1863, des ports de Quebec; Montreal, Gaspé et Tsle Verte et Rimouski.
PORT OF GASPE AND OUTPOLTS-(PORT DE GASPE ET PORTS EXTERIEURS.)

No. 31.-SHIPS INWARDS.-Statement of the Number of Vessels entered Inwards from Sea, at the undermentioned Ports, shewing their mo vaisseatux venant de la mei., entres aux ports sous-mentionnes, indiquant leur tonnage, le nombre dhomines employes et le pays de leur partance, pour l'anuće $186^{\circ}$ ei les deux années précédentes


No. 33.-Statement shewing the Number and Tonnage of Steamers and Sailing Vessels Built, and those Registered, at the undermentioned Ports in Canadi, during the year 1863.
(No. 33.-Etat indiçuant le nombere et le tonnage des bateaux à rapeur et navirey a voiles construits, et ceux enregistres, aux ports ci-dessous mentionnes on Canada, durant l'annćc 1863.


[^2]|  | NWARDS--(mitrés). |  |  |  |  |  |  |  | OUTWARDS-(sortis). |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | canamians.- (cisadiexs.) |  |  |  | ambrican- (ambmeans.) |  |  |  | oanamas--(canadiens.) |  |  |  | Amenicis- (asemeats.) |  |  |  |
|  | Stenm-(Vap'rs) Sail-(Voilicrs.) |  |  |  | Stcam-(Vap,rs.) Sail-(Vuiliers) |  |  |  | Steam-(Vap'rs.) Sail-(Voil ers.) |  |  |  | Steam-(Vap'rs.) |  | Sail-(Voiliers.) |  |
| Ambersibu | $\overline{\text { No. }}$ | $\underset{\substack{\text { Tons. } \\ 1,805}}{ }$ | $\begin{gathered} \text { No. } \\ 247 \\ 200 \\ 0 n \end{gathered}$ | Tons. 8,305 | $\underset{7}{\mathrm{~N} 0}$ | Tous. <br> 67,15.3 | $\begin{array}{r} \text { No } \\ 530 \\ \hline \end{array}$ | Tons. 17,597 | $\begin{array}{r} \mathrm{No} . \\ 10 \end{array}$ | $\begin{array}{r} \text { Tins., } \\ 1,805 \end{array}$ | No. $2471$ | Tons. 8,305 | No. <br> 292 | Tons. 67,153 | $\begin{gathered} \mathrm{NO}_{3} \\ 500 \\ 30 \end{gathered}$ | Tons. <br> 17,597 |
| - |  |  | ${ }_{153}^{203}$ | 19,572 8,758 |  |  | 34 | ${ }_{223}$ |  |  | 121 | $\begin{array}{r}21,615 \\ 0.250 \\ \hline\end{array}$ | 7 | $? 14$ | 35 | 2,994 ${ }_{223}$ |
| Brock villo | 13 | 2,775 | 10 | 1,269 | 474 | 272,169 | 79 | 6,029 | 13 | 2,075 | 10 | 1,269 |  | 272,169 | ${ }_{79}$ | 6,029 |
| Burwell | ${ }_{6}^{16}$ | 1,773 | 196 | 21,258 |  |  | 70 | 4,267 | 16 | 1,773 | 197 | 22,449 |  | 337 | 69 | 10,743 |
| Chatham | 100 | 8,522 | 114 | 12,002 |  | 2, $2,39 \mathrm{sis}$ | 100 | 9,833 | 99 | $\begin{array}{r}1,445 \\ \hline 8\end{array}$ | 1150 | - |  |  |  |  |
| Chippawa | , |  | 209 | 20,333 | $478!$ | 17,647 | $11^{3}$ | 1,345 | 2 |  | 150 | 13,859 | 474 | 17,411 |  | -1933 |
| Clarencer Cohourg. | 60 | 22.1731 | 68 | 4,770 |  | 102 | ${ }_{20}^{18}$ | 1,445 <br> 2,578 |  |  |  |  |  |  | 18 | 1,445 |
| Colborne | 23 | 3,318 | 200 | 63,775 |  | 12,2944 | 169 | ${ }^{6,3,285}$ |  | $\left.\begin{gathered} 22,1731 \\ 1,101 \end{gathered} \right\rvert\,$ | ${ }_{75}^{68}$ | 4,770 19,248 | 14 | 1, 102 | ${ }_{40}^{20}$ |  |
| Corn | 198 | 15,945 | 06 | 8,173 |  |  | 6 | 150) | 198 | 15,945 | 66 | 8,073 |  |  |  | $17,13.4$ 150 |
| Cramahg | +48 | 20,9144 | 56 | 2,956.6 |  |  | 69. | 3,693 | 48 | 20,904 | ${ }_{5} 5$ | 2,539 |  |  | 58 | 3,819 |
| Dalhusio |  | 6,890 | ${ }_{21}^{45}$ | $\begin{aligned} & 8,122 \\ & 1,597 \end{aligned}$ |  | 22,346 | 17. | 4,637 |  | 238 | ${ }^{50!}$ | 7.421 |  |  | 10 | 2,228 |
| Dover ... | $20^{\circ}$ | 2,287 | 152 | 12,298 | , ${ }^{\text {a }}$ | 2,073 | 8 | 085 | 20 |  | 171 | 10,862 |  | 2,073 |  |  |
| Dundize | 10 | 1,179 | 62 | 6,232 |  |  | 22 | 2,612 | 10 | 1,179 | 60 | ${ }^{1} \mathbf{6 , 0 6 9}$ | 9 | 2,073 | 22 | 2,6812 |
| Dundee. | 54 | 3,226 | 153 | 12,615 |  |  | 10 | 978 | 51 | 3,226 | 153 | 12,615 | - 1 | 15 | 16 | ${ }_{978}$ |
| Dunville |  | 1,830 | 9 in . | 10,575 |  |  | 14 | 1,3031 | 32 | 1,706 | Sa | 0,2:s |  |  | 14 | 1,303 |
| Gert erie |  | 35 | 12. | - 1,116 |  | 101,506 2,1011 |  | ${ }_{681}^{53}$ | ${ }^{-1 . . . .}$ | 1,335 | 14. |  | ${ }^{\text {S }}$ : | 101,506 2,400 | ${ }_{8}^{6}$ |  |
| Gaspé... |  |  | 3 |  |  |  | 35 | 2, $\mathrm{cs}^{2}$ |  |  | 4 | , |  |  | 86 |  |
| Geargevil! |  |  |  |  |  |  |  |  | 156 |  |  |  |  |  |  |  |
| Goduric | 176 | 32,410 | S7 | 9,934 | 99 | 49,565] | 18 | 1,778 | 176 | 31,770 | 92 | 10,6,9.4 | as | 19,169 | 18 | 1,77s |
| Himite |  | \% ${ }^{624} 2$ | ${ }_{369}^{222}$ | 2S,246 38.445 |  | ........ | ${ }_{86}^{26}$ | 8 | ${ }_{3}^{38}$ | $7,5901$ | 194 | 25,2016 |  |  | $28^{8}$ | 4,663 |
| Kingstion | 515 | 47,669 | 453 | ${ }^{\text {65, } 665}$ |  | 217,90:4 | 21.4 | 43,178 | 505 | 43,191 |  | 67,48:3 | 8300 | 217,43 | ${ }_{195}$ |  |
| Kingsvil |  |  | 86 | 2,597 |  |  | 4 |  |  |  | 81 | 2,4s6 |  |  |  | 1,987 |
| Maitland |  | 1:10? | 2 |  |  | 2.4 | 2 | 1 |  | 100 | 2 |  |  |  | +13 | 830 <br> 45 |
| Milforil |  |  | 03 | 2,910 |  |  | 901 |  |  |  | 46 |  |  |  | 58 | 45 |
| Montreal | 10 | 1,572 | 15 | 1,464 |  |  | 117 | 7.698 | 10 | 1,572 | 15 | 1,460 |  |  | 117 | 7, (1899 |
| Kapance. Noweustl |  |  | 116 |  |  |  |  |  |  |  | 143 |  |  |  | ${ }^{0}$ | 8,67\% |
| ${ }^{\mathrm{Nia}}$ | 126 | 1s, 722 | ${ }^{26}$ | 1,360 |  | 49,186 |  | 2 | 126 | 48,722 | 20 |  |  | 49,156 |  | 21 |
| vi |  | -4,265 | 99 | 0,829 |  |  | 1 | - | $\cdots$ | 4,265 | 101 | 9,978 |  |  |  |  |

NU. 35.-RETURN of the Description and Quantity of Grain and other Substances used, ending December (No. 35.-TABLEAU de l'espèce et de la quantité de grains et aulres substances con du Cauada, durant, l'année

| REVENUE DIVISIONS, c. wr. divisiovs do revene c. 0. | FOR DIStillation - (POUR LA distillation.) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\underset{\text { Dralt. }}{\text { Malt }}$ | Whent. | Srarley. | $\xrightarrow{\text { Ryso. }}$ |  |  | $\begin{gathered} \text { Puck } \\ \text { Wheat } \\ \text { Sati } \\ \text { rasiu. } \end{gathered}$ | $\begin{aligned} & \text { R:ill. } \\ & \text { feed. } \\ & \frac{\text { Rce- }}{\text { lut. }} \end{aligned}$ | $\begin{gathered} \text { Outs. } \\ \text { Arōing. } \end{gathered}$ |
| 1 Brant .............................. | $\begin{gathered} \text { Bus. } \\ \text { Minots. } \\ 1,132 \end{gathered}$ | $\frac{\text { Bus. }}{\text { Minots. }}$ | ( Bus. | $\begin{aligned} & \text { Bus. } \\ & \text { Minots: } \\ & 3,4,40, \end{aligned}$ |  | Bus. | $\overline{\text { Bus. }}$ | $\underset{\substack{\text { Bus. } \\ \text { Minots. } \\ 4.627}}{-}$ | $\begin{array}{\|c} \text { Bus. } \\ \frac{\text { Minots. }}{172} \end{array}$ |
|  |  |  |  |  |  |  |  |  |  |
|  | 206 | 70 |  | 1.599 | 3.7\% |  | 285 | 927 |  |
|  | 1,535 | 270 |  | 4.851 | 49.957 |  |  | 1.515 | 1.564 |
|  | 2,256 | 72 |  | 5,176; | 71.608 |  |  | 3,159 | 1.995 |
|  | 223 |  |  | 603 | 4,610 |  |  | $10 \cdot 4$ | 223 |
|  | 2,358 | 1.748 |  | 13,346 | 63.385 |  |  |  | 59 |
| Gruariilo .................. | 1,145 | 1,343 | 1:3 | 4,020 | 17,110 |  |  |  | 1,671 |
|  | :\% | ....... .. |  | 460 | 7.075 |  |  | 1.807 | 166 |
| 12 Hastings.................. | 1.475 |  |  | 11,765 | 22,547 | ......... | 4.15 | 2,610 | 109 |
|  |  | ........ |  |  |  |  |  |  |  |
| 13. Reut aud Lambion. | 10 | 21 |  | 4 | 37 |  |  | 66 | ............ |
| $10^{\text {a }}$ Kent ................. |  |  |  | s | 15. |  |  | 23 |  |
| 1. | 1.28 |  |  |  |  |  |  |  |  |
| 19.1 Leeds :ndigr | 1,829 | 43.4 |  | 7.120 | 35.16i |  |  |  | 1,401 |
|  | 1,102 | 42 |  |  |  |  |  |  | 1,375 |
|  | 1,4s 4 |  |  | 2,242 | 37.987 |  |  |  | 2,977 |
| 23.3 Middesex und Elgin, |  |  |  |  |  |  |  |  |  |
| No. 1.................. | 14. | 58 |  | 361 | 736 |  |  | so |  |
| ${ }^{24}$ Midudesex und No. $2 \ldots \ldots$ |  | 40 |  | 41 | 1,964 |  |  |  |  |
| 25. Norriolk | 929. | 77 | 13 | 3.135 | 13.914 | 971 | 184 | 3,835 |  |
| ${ }_{2}^{26}$ Surthamberlaud | 4,335i | 703 | 135 | 0.552 | $48.54]$ |  | s. | 595 | 2,074 |
| 2s Purth ... | ........ | 95 |  | ....... | $\cdots$ |  |  | ...... |  |
| 2: P Peterboro und victuria.. |  |  |  |  |  |  |  | .......... |  |
| 3n Preen ruph ... | ......... |  |  |  |  |  |  |  |  |
|  |  |  |  | Ruturus | imperié |  | Lotu4 | ncom | plets.) |
| Sif Yimene ... | 42 |  |  |  |  |  |  | 8s. |  |
| 3. inturiwo.. | 1.667 | 1.55.4 |  | 1,329 | 17,405 | 4. |  | 14,365 |  |
|  | 1,3166 | 6330 |  | 2,265 | 37, 387 |  |  |  | 3,012 |
| 37 Welt itton aut ${ }^{\text {c }}$ | 699 | 1.75 |  | 250 | 4,247 |  |  | 13.967 |  |
| 30 Wethustin.....itu..... | 339 753 | ${ }_{4}^{1.0055}$ | 23. | ${ }_{61}^{69}$ | 4.489 <br> 5.400 |  |  | 10.531 | B |
| A) | 5.345 |  |  | 25,945 | 179,426 |  |  |  | 5,640 |
| $4{ }^{\text {a }}$. Peel No. 2 |  |  |  |  |  |  |  |  |  |
| $4{ }^{4}$ at | 173 |  |  | 312 | 4.368 |  |  | 1,075 | 312 |
|  |  |  |  |  |  |  |  |  |  |
| Totul, C. W. | \%3,026 | 12,es8 | 3 | 98.340 | 672,043 | 1.014 | 1,302 | 65.333 | 24,216 |

27 Victoria. $\quad$ Sessional Papers (Documents) No. 3.
and Spirits and Malt Lifion Manufactured in the Profince of Canada, for the yeir 31st, $1=63$
somiues, ainsi que des spiritueux et autres liqueurs fermentées fabriquées dans l. province
expiré le 31 décembre 1863


No. 35--RETURN of the Deccription and Quantity of Grain and other Substances eudiug -cecumber (No. 35.-TABLEAU de l'espèce et de la quatité des grains et autres substances province du Canada, durant liance

(a) Fieldug 11.973 callons wi Proni Spirit.
(a) (Donnant 11.973 gallow s de spiritueux soumis a l'eproure.)
(b) Yiuling 7.451 Lallang of sprit.
(b) (Donnunt 7.481 Eqlons id spiritucux.)
c) Yieling tsinginns of sipit.

These several quancilies of 'spirit are included in tho total for Montrenl Ni. 2 .
Ces (difürentey quantites du spiritueux sont comprisos duas lo total pour Montreal No. 2.)
used, and Spirits and Malt Jiquor Manufactured in the Province of Canada, for the year 31st, $18633,-$ (Contimued.)
consommees, ainsi que dis spiritueux et autres liqueurs fermentées fabriqués dans la expirée le B1 alécembre 1863.)-(Suite.)


+ Besides 1800 1bs. of Surar.
$f$ (A part 1800 lbs de Eucre.)


## R. S. M. BOUCHETTE, <br> Comnissioner of Customs and Excise. (Commissaire des Douanes et de $l$ 'Accise.)

No. 36. COMPARATIVE STATEMENT of the Number of the Distilleries and Quantity of Proof Spirits distilled, and the Namber of 861,1862 ct 1863.)

No. 37.-COMPARATIVE SPALFMEN'I of the Description and Quantity of Grain and other substances used in Distillation No - ETAT COMPA in the Province of Canada, during the years $1860,1861,1862$ and 1863.
No. 37,-

No. 38.-COMPARATIVE STATEMENT of Excise Duties collected during the ypars 1859, 1860, 1861, 1862 and 1863, on Proof Spirits distilled in the Province of CANADA, with the Namber of Stills and amount of Revenue derived therefrom. (No. 38.-ETATT COMPARATIF des droits d'accise perçus durant les années $1859,1860,1861,1862$ et 1863, sur les spiritucux

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No．2．－GENERAL STATEMENT shewing the quantity of each article transported on the St．Lavrence Canal，during the
No．2－TABLEAU GENERAL indiquant la quantite de chaque article transporte sur le Canal St．Launent，pendant l＇année

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27 Victoria．Sessional Papers（Doermento）No．3．
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27 Victoria.
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27 Victoria.
Sessional Papers (Documents) No. 3.
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27 Victoria.
Sessional Papers (Documents) No. 3.
A. 1804



27 Victoria. Sessional Papers (Documents) No. 3.


27 Viotoria
Sessional Papers (Documents) No. 3.
A. 1861 No. 4.-GENERAL STATEMENT shewing the quantity of each article transported on the BURLINGTON BAY CANAL, DuTigg (No. 4.-TABJLEAU GENERAL indiquant la quantite do chaque artiole transporte sur le CaANAL de la BAIr DE Burimaton,

| $\triangle$ RTICLES |  |  |  |  |  | From American to Canadian Ports. Canadian Ports. <br> De ports Am6ri- <br> osing d des nor du Canala. |  |  |  | totals. |  | AMOUNTS ToLKis. MONTANT penaes. $\$$ ots. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Mp. | $\left\|\begin{array}{c} \text { Down. } \\ \text { Dossente } \end{array}\right\|$ | $\begin{array}{\|c\|} \mathrm{U} \mathbf{p} \\ \text { Moñt6o. } \end{array}$ | $\left\lvert\, \begin{array}{l\|l\|} \text { Dosenconce } \end{array}\right.$ | $\|\underset{\text { Monteo }}{ }\|$ | Down. Deseento | $\frac{\text { Up. }}{\text { Monite. }}$ | $\left\{\begin{array}{c} \text { Dom } \\ \text { 108ee } \end{array}\right.$ | Up. | \%om. |  |
| Asheg, Yot and Pearl-(Alcalis, potasse of poriasse) | 1,996 | ${ }^{4}$ | , | ......... |  | - | $\cdots$ | $\qquad$ | -........\| |  | $\begin{array}{r}1,458 \\ 1,08 \\ 1,82 \\ \hline 10\end{array}$ | 244 <br> 16 <br> 165 |
| Apples, Dinions, und uther Vegetables-. |  |  | 1,282 |  |  |  |  | ............ | $\mid$ |  |  |  |
|  | s,019 | - 213 |  | .......... |  |  | ,......... |  |  |  |  | 8,019 |
| ${ }^{\text {ander }}$ |  |  |  |  | \%, | .-....... | - | +.......... |  |  |  |  |  |
|  | 233 | $\cdots$ | [132 |  |  |  | ......... |  |  | 97 | ${ }^{136}{ }^{2}$ | 1008010000 |
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| Bran mud Shio Sturs - (Some et prover | 28490498 | $\frac{222}{2}$ |  |  |  |  |  |  |  |  | 28 <br> 498 |  |
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| Comiont and Water Lime |  |  |  | . | $\qquad$ |  |  |  |  | $\stackrel{24}{2}$ |  |  |
|  | $\begin{array}{r}2.4 \\ 2 \\ 2 \\ \hline\end{array}$ | 2 |  | ..... |  | - $\begin{array}{r}3 \\ 1\end{array}$ | $\mid$ |  |  |  |  | …......... |  |
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| Clay | $\begin{aligned} & 12,425 \\ & \hline 129 \end{aligned}$ | $\left\|\begin{array}{r}13 \\ 485 \\ 8 \\ \hdashline . . . . . . . . . \\ \hdashline \cdots, \cdots\end{array}\right\|$ |  |  |  |  |  |  |  | an |  |  |  |
| Chovor Seedi- |  |  |  |  |  |  |  |  |  |  |  |  |  |
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A. 1864




## 27 Victoria.

Sessional Papers (Documents) No. 3.
A. 1884
No. 5.-GENERAT STATEMENT shewing the quantity of each article transported, \&e.-Continued.
(No. 5.-TABLEAU GENERAI indiquant la quantite de chaque articis transporté, etc.-Suite.)

A. 1864



## 7 Victoria.

Sessional Papers (Documentes) No. s.

No．6．－GENERAL STATEMENT shewing the quantity of ench article transported，\＆c．－Continued．
（No．6．－TABLEAU GENERAL indiquant la quantite de chaque artice transporte，etc．）－Suite．

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27 Victoria．Sessional Papers（Documents）No． 3.
A． 1864


No. 7.-SUMMARY STATEMENT of the WELLAND, Sr. Latrence, and Ridea; Cana:s and St. Ann's Lock, showing the Total Quantity of of 'Iolls collected during the year 1563 , under the Tariff of 1863 .
of Tols SomMaike des affairs de Canaux Welland, Sr. Latreit,
(No. 7.-ETAT SOMMAIKE des affars de Cat I'Eciuse Ste. ANNe, indiquant



Chambly Cafals, and St. Ours Lock, and Burinngton Bay, Ottawa and each description of Property passing through and on the same, and the Amount
et Chambiy, et l'Ecluse de St. Ours, et des Canaux de la Bate de burla quantite totale et le montant du revenu pergu sur chaque espèce d'èfets passant

| St. Lawre Canal St | nce Canal. Laarent. | Chambly canal, including St. Ours Locks. <br> Canal Cbambly, l'écluse St. Ours y compris. |  | Burlington Bay Canal. <br> Canal de la Baie Burlington. |  | St. Ann's Lock Canal. Ecluse Ste. Anne. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\frac{\text { Tons. }}{\text { Tonn'x. }}$ | $\begin{aligned} & \text { Tolls. } \\ & \text { PCages. } \end{aligned}$ | $\left\lvert\, \begin{gathered} \text { Tons. } \\ \text { Tonn'x. } \end{gathered}\right.$ | Tolls. | $\text { Tons. } \mid$ | Tolls. <br> Peages. | $\left\|\begin{array}{c} \text { Tons } \\ \text { Tonn'x } \end{array}\right\|$ | Tolls. <br> Peages. | $\begin{gathered} \text { Tons. } \\ \text { Tonn'x. } \end{gathered}$ | Tolls. <br> Peages. |
| 1,036,309 | $\begin{aligned} & \$ \text { cts. } \\ & 9,16985 \end{aligned}$ | 272,62S | $\begin{array}{r} \text { S cts. } \\ 3,12 \mathrm{~S} 74 \end{array}$ | 240,445 | ${ }_{862}^{S} \text { cts. }$ | [318,273 | $\begin{array}{ll} \$ & \text { cts. } \\ 795 & 70 \end{array}$ | 376,161 | $\begin{array}{r} \$ \text { cts. } \\ 5,254 \\ \hline \end{array}$ |
| 26,873 | 2,085 99 | 1,867 | 3042 | 6,173 | 12356 | 20,916 | 52.29 | 1,288 | 1996 |
|  |  |  |  |  |  |  |  |  |  |
| 156,063 | 4,518 80 | 128,990 | 7,70s 16 | 29,998 | 63086 | 130,972 | 2,357 49 | 142,601 | 4,310 23 |
| 217,392 | 0,6165 65 | 3,177 | 81.85 | 2,169 | 7230 | 84,675 | 85424 | 132,454 | 3,635. 43 |
| 187 | - 3717 | 147 | 6294 |  | 042 | 171 | 21.55 | 255 | 61.15 |
| 11.623 | 96611 | 10,175 | 540 | 13,656 | 49037 | 3,498 | 69.95 | 6,767 | 19870 |
| 759 | -69 44 |  | 201 | 213 | 2130 | 80 | 240 | 2,374 | 59 47 |
| 73,676 | 1,493 $9 \pm$ | 26,233 | 4,262 10 | 11,689 | 48434 | 2,233 | 3271 | 45,118 | 1,749 72 |
| 459,739 | 13,551 11 | 168,752 | 12,125 46 | 48,731 | 1,699 59 | 221,652 | 3,338 34 | 329,569 | 10,023 70 |
|  |  |  |  |  |  |  |  |  |  |
| 1,004 | 11547 | 182 | 920 | 27 | 405 | 208 | 1030 | 5 | 020 |
| 371 | 52.00 | 12 | 020 | 38 | 570 | 122 | 610 |  |  |
| 1,375 | 16747 | 194 | 1030 | 65 | 975 | 328 | 1640 | 5 | 20 |
| 1,335 | 24050 |  |  | 1,731 | 20565 | 6 | 020 | 19 | 130 |
| 5,126 | 82531 | 141 | 2068 | 1,377 | 20685 | 921 | 4605 | 2,187 | 14740 |
| 2,008 | 457.45 | $\cdots$ | 015 | 500 | 10000 | 165 | 825 | 199 | 1274 |
| - 327 | 6459 | 276 | 40.00 | 234 | 4680 | 10 | 050 | - 88 | 018 |
| 5.46 | 10775 | 5 | 075 | 309 | 4635 | .......... | ......... |  | 005 |
| 32 | 800 |  | 040 | 71 |  |  |  |  |  |
| 9,374 | 1,70360 | 426 | 6238 | 3,862 | 61985 | 1,102 | 55:00 | 2,492 | 16767 |
| 8,113 | 62366 | 49,150 | 6,015 35 | 8.216 | 831.50 | 2,337 | 9423 |  | 240 |
| 102 | 655 | 187 | 2798 | 28 | 420 | 45 | 225 | 34 | 170 |
| - 171 | 1610 | 112 | 1675 | 23 | 348 |  | 575 | 135 | 675 |
| 22,869 | 3,361 56 | 49 | 481 | 4,501 | 45010 | 76 | 048 | 96 | 385 |
| 81,387 | 15,439 55 | (324 | 2277 | 34,917. | 5,237 50 | 2,281 | 11405 | 2,549 | 138170 |
| 8,805 | 1,743 60 | 1,604 | 23157 | 109 | 16 35 | 14 | 050 | 114 | 1122 |
| 153,251 | 22,607 34 | 111 | 1100 | 13,409 | 1,346 99 | 436 | 1308 | 2,159 | 7920 |
| 273,69 | 43,708 66 | 51,537 | 6,930 23 | 61,203 | 7,884 03 | 5,244 | 23034 | 5,135 | 24322 |
| 156 | 1541 | 127 | 185 |  | 630 |  |  | 10 | 0.50 |
| 133 | 18.95 | 194 | 8.50 | - 50 | 750 |  |  | 2 | 010 |
| 357 | 4239 | 58 | 8 83 | 22 | 440 | - 71 | 355 | 152 | 946 |
| 36 | 720 |  |  | $48$ | $720$ |  |  |  |  |
| ${ }^{2} 228$ | +4640 | 139 | $\begin{array}{r} 1472 \\ 129.98 \end{array}$ | $164$ | $\begin{array}{r} 2460 \\ 191255 \end{array}$ |  |  |  | 0:25 |
| 29,135 | 4,083 39 | 2,221 | 12998 | 7,417 | 1,112 55 |  | 3265 | 148 | 870 |
| 30,045 | 4,213 74 | $2.549^{\circ}$ | 163:68 | 7,743\% | 1,162 55 | 14724 | \% 3620 | Hex 317 | 2*1901 |

No. 4.-SUMMART STATEMENT of the WEIAND, ST. LAWRENCE, (No. 7.-ETAT SOMMATRE des affares des CaNAUX Welland, St.

and Chambly Cayals, and if. OCRS Lock, \&c.-Continued.
Laurent et Chambly, et L'ecluse St. Ours, etc.-Suite.)

R. S. M. BUVCBETITE, Commissioner of Customs. (Comrnissaire des Dovianes.)
(No. 8.-ETAT indiquant la recette mensuellé des péages aux differonts bu several canals, during the year 1863.


No. 9--A RETURN of the Business of the undermentioned Provinore Canals and Lochs, sheming the Gross and Net Amount of Tolts from cach Class on each Canal, during the year 1863 .


No. 10.-s'ATEMENT shewing the Number, National Character; and Tonnage of Vessels passed on and throngh the Undermentioned Ganals and Lock, during the year 1863 , and the Aroount of Tolls collected thereon under No. 10.-ETATY indiquant le nombre des vai the Tariff of 1863, viz :-The Welland,' St. Lawrence, Chambly, Burlington Bay, Ottawa and Rideau Canals and St. Ann's Loek


Norc.-This Tolhe is composed from the aggregate-number of Trips eack Vesselmade during the Season of Navigation, For the number and Tonnage actually employed, sec Table No 14 .
(Note - Ce tableau est tait dapres le aombre entier des voyages de chaque vaisseau faits peodant la saison de la navigation Pour le nombre et le tonnage employe roir le tableau Fo 14 .)

# . 




|  | Welland. |  |  |  | St. Lemrenco.-(st. Luurent.) |  |  |  | Chamily. |  |  |  |  |  |  |  | St. Aurs Lock.--(Eeluse de Sto. Anne.) |  |  |  | Ottavi and Ridenu-- (Ottava et Rideau.) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| mroperty ang masels |  | 1891. | 1862. | 1563. | 1860. | 1861. | 1862. | 1563. | 1860. | 1861. | 1 1sce. | 1363. | 1350. | 1801. | 1 sci 2. | 1683. | 1860. | 1561. | 1869. | 1863. | 1560. | 1561. | 1862. | 1863. |
|  | $\begin{aligned} & 176,790968 \\ & 766,238 \end{aligned}$ | 154, 158 | (1,012,405 | ${ }_{7}^{300,522}$ | 130,248 | $\begin{aligned} & 127,485 \\ & 759,423 \end{aligned}$ | 135,443 | 111,600 | $\underset{\substack{177,581 \\ 3,2828}}{ }$ | 75,40 | , 117,603 | [122,512 |  | $\begin{gathered} 97,5090 \\ 14,0,808 \end{gathered}$ | $\begin{gathered} 415,500 \\ 151,274 \end{gathered}$ | - 23,018 | 14,858 IS9, 22 | (15,1939, |  | 14,221 226,149 | ${ }_{3}^{27,032}$ | 39,679 773,812 | - 183,407 | $\underset{\substack{145,381 \\ 21,9+6}}{ }$ |
|  |  |  | 1,243,74 | 1,141,120 | 733,506 | 586;908 | ${ }^{964,394}$ | '893, 33 | 217,117 | 116,230 | 148;501 | 233,310 | 140,251 | 178,074 | 101,-77 | 169,519 | 204,504 | 109,097 | We8098 | 20,0,40 | 34,074 | 213,411 | 307,350 | 300,023 |
|  | 24,084, | 1,0n,203 | 1, $23, \ldots$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 121,20: | 100,64 | 157,300 | si,416 | 190,302 |  |
|  | - | $677,129^{\circ}$ $050,024$ |  | $600,919$ | $\begin{aligned} & 415,6,50 \\ & 407,750 \end{aligned}$ | $\begin{gathered} 515,55 s 2 \\ 40,5 s 7 \end{gathered}$ | $541,775$ | 515,435 $520,5 \mathrm{Sit}$ | $\begin{gathered} 114,077 \\ 120,150 \end{gathered}$ | 50,609 |  | ${ }_{133,535}^{123,50}$ | 87,662 | 2, $4,5,40 ;$ | 14,403 | 120,710 | 112,3017 | 107, 020 | 129,49, | 157,620, | 155,009 | 314.741 | 153,003 | - 7 t, 007 |
|  |  | $\underline{1,387,672}$ | 1,470,442 | 1,3,30,007 | 391,405 | 1,009,469 | 1,049,250 | 1,036,309 | 230,580 | 229,604 | 151,55 | 272,623 | 124,076 | 20, $2^{2}$ 24 |  | 240.146 | 233,191 | 210,675 |  | 315,270 | ${ }^{3} 72,3,338$ | 231,157 | 370,323 | 370,161 |
|  |  |  |  |  |  |  |  |  |  |  | 10, 0 , | 605,047 |  |  | 478,403 | 402,750 | 436,705 | 418,742 | 109,595 | , $658,6,4$, | 716,412 | 647,048 | +10,705 | 70, 180 |
| Grand Tutal of Propery and Vessols Up uad Yoma... \} (Grand total des effets et raisgezux montés ot descind.)\} | 2,182,503 | 2,548,155 | 2,-20,6,16 | 2,471,217 | 1,358,001 | 1,596,377 | 2,013,62. | 2,931,442 | 4 50,048 | 235,93: | ${ }^{302,533}$ | 625,047 | 207,24, | 41, | 120,105 |  |  | , | , |  |  |  |  |  |

No. 12.-COMPARATIVE STATEMENI' of the lotal movement of Poperty. Pasemgers, aim Yessels on the Cndermentioned Canas (



[^3] [A] This Table of Percentage applies to the first line of Totales shewing the movement of Propertr.- [A] (Cepablean des percentagea s'applique it premiere ligno des totaux indiqant le mouvoment des effets.)


No. 14.-STATEMENT of the Number and Tonage of all kinds of Vessels (No. 14.-TABLEAU du nombre et du tonnage de toute espèce de vaisseaux

${ }_{1863}$ through and on the Canadian Canals, during the Season of Narigation, in omployes dans le commerce de transport sur les canaux du Canada, pendant la pour l'annee 1863.)

R. S. M. BOUCHETTE, Commissioner of Customs. (Commissaire des douanes.)
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(No. 15.-TABLEAU en six classes indiquant le nombre et tonnage moyen de toute espèce de vaisseaux employes dans le commerce du transport sur les canaux du Canada, pendant la saison de la navigation, pour l'annee 1863.)

## NUMBER AND AVERAGE TONNAGE OF ALL VESSELS, DIVIDED INTO SIX CLASSES.

( NOMBRE ETTONNAGE MOYEN DES VAISSEAUX, DIVISES EN SLX CLIASSES.)
AMERICAN ( (MERICAINS)

R. S. M. BOUCHEITIE,
Commissioner of Custonis.
(Commissaire des Douanes.)

No.16.-Comparative Statement, shewing the quantity of each articletransported on the Provincial Canals during the years 1862 and' 63 , and Am't of Tolls thercon as per Tariff.
(No.16.-Etat Compararir montrant la quantitédes articles transportés surles Canaux Prorinciaus, pendant les anuées 1.862 et 1863 , et le montant des peages sur chacun de ces articles en vertu du tarif.


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## GENERAL REPORT

## Commissioner of 象ublic Celorkis,

FOR THE

YEAR ENDING 31ST DECEMBER, 1843.

FURNISHED

In compliance with the provisions of the 28th chapter of the Consolidated Statutes of Canada, section 24.

## 



QUEBEC:
PRITIFR FOR THE CONRRAOTORG, BY HONTER, ROEG d CO. ST, URSULE STREEA.

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## REPORT

of the

## Crommissinat of atblic toths,

FOR THE YEAR 1863.

## To His Excellency the Right Honorable Charles Stanley, Viscount Monck, Governor General of British North America, \&c., \&cc., \&c.

## May it please Your Excellency:-

The undersigned, Commissioner of Public Works, has the honor to submit; as required by law, the following general report upon the several public works and buildings under the charge of his deparmient, for the year ending 31st September, 1863.

He thinks proper to remark, that although the duty of furnishing an account of the transactions of his department for the whole of the past year devolves on him by virtue of his office, he can only speak of them from personal knowledge since the 23rd of July last, when, at Your Excellency's command, he assumed the responsibility of directing its affairs; the report of its proceedings previous to that date being derived from the records of his office.

In consequence of the aecessity which has existed for restricting expenditure in every branch of the service as much as possible, consistent with its efficient administration aud actual requirements, the gross outlay upon all the Public. Works, for construction, and for repairs and management, during the past year, amounts to the sum of only $\$ \$ 21$,073.31 , which is less than it has been any year since 1851 ; the average of the annual expenditure during this period of thirteen years having been $\$ 1,216,362$.

The details of this expenditure, arranged under their proper hieads in the usual tabular forms, are given in the Statements Nos. 1, 2, 3, 4, 5, 6 and 7 , appended to this report.

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No. 7. Abstract statement, shewing the total amount expended under the Department of Public Works, during the year 186:3, as detailed in the foreroing statements numbered, 1, 2, 3, 4, 5, and 6.

The undersigned lias given his careful attention to the internal organization and working of his department, and is gratificd to find that many improvements, tending to its efficieney, have of late ycars been introduced." Considerabic progress has also been made in collecting the title deeds of the public lands in the charge of this Department, and in arrangiug aud classifying the archives of this oftice. He has also had under consideration, and intends to put in practice without delay, a further classitication of the different officers of the department into special categories, better adapted to the services these "officers are called on to perferm, and the adoption of certain additions to the present system of keeping the books of his department, for the purpose of rendening it more complete, and by which the Commissioner will be enabled to guard against unnecessary and unauthorized expenditure.

## INLAND NAVIGATION.

The success of the St. Larrence, as a competing route for Western trade, is a matter of such vital importance to the interests of this Province, that the subject has already been frequently brought beforc Your Excellency, in the annual reports of this department. It has also been ably discussed by persons whose experience and commercial standing entitle their opinions to the greatest consideration; and the necessity of action in regard to it becomes yearby more apparent.

It is evident that the River St. Lawrence is the natural outlet to the rast and fertile region bordering upon the great interior lakes of North America. Upon the improvement of this immense stretch of water communication, the Province has already expended over fourteen and a half millions of dollars, and established a scale of navigation, unrivalled in point of capacity," between Chicugo and the head of ocean navigation at Montreal.

But it is to be regretted, that the experience of past years has proved that the benefits anticipated from these improvements have been, as yet, but partially, realized; and that notwithstanding the undeniable superiority of the Provincial line, it has attracted but a small portion of the great stream of traffic, which flows from the grain-producing districts of the West to the Atlantic seaboard.

It is therefore cvident that some powerful cause must be in operation, to produce a diversion of the trade from the channel which seems to have Decn marked out for it by Nature, into lateral and artificial routes of much less capacity or speed, and greatly increased cost of transport.

The greatest drawback to the success of this routc, as a competitor for European trade, is the high rates of occan freight from Montreal and Quebec, when compared with those from New York. The latter city being the great commercial cmporium of the Northern States, controls the bulk of the import trade; consequently; freights rule lower at that port than any other on this part of the continent, because vessels arriving out with cargo can afford to carry produce to Europe cheaper than those trading to Quebec or Montreal, which, in great part, have to make the voyage here in ballast. Besides, as the staple exports of Canada are bulky, whilst the tonnage of her imports is comparatively smail, it is evident that wo cannot hope to compete for Earopcan freights, except by carrying so much cheaper on our line of internal communication, as to compensate for the disadrantage of the ocean royage.

Although the minimum capacity of the canals is nearly double that of our most formidable rival-the enlarged Erie Canal; and, when taken in connection with speed, the season of navigation is equally as long as upon the latter; it is erident, from the existing state of aftairs, that still further advantages must be afforded," ere we can obtain a fair share of the trade in question.

It is believed that the only moans by which this can be eflected, is by an enlargement of the Welland and St. Lawrence Canals to a uniform draught, and carrying capacity for vessels of at least 800 or 850 tons burthen.

This would permit the majority of the fleet of propellers and large" schooners now engaged in the trassport trade on Liake Erie, to descend to Montreal and Quebec without breaking bulk, and there tranship into sea-going vessels, thus considerably, reducing freights, aud tending to bring about the desired result.

The manifest advantage in speed which the route possesses, together with the cheapen: ing of freight referred to, wonld doubtless operate favorably in making Quebec and Montreal entrepôts for goods imported into the Lake Regions, and thus diminish ocean charges, by providing a larger percentage of" cargoes both ways. It is also probable that the mercantile enterprise of these cities would not be slow to take advantage of such favorable circumstances. It must, however, be borne in mind that the cxport trade to Europe forms by no means the only important business for which the Provincial canals might successfully compete; as it is now well understood that a very large quantity of the cereals brought to Albany is consumed in the New England States, and never leaves the country at all.

With a vicw, therefore, of pointedly drawing attention to the means by which it is believed that a large share of this, as well as the trans-atlantic trade, can yet be secured to the Province, reference is again made to the subject.

Even before the present Canal system was in full operation, it was foreseen that to ensure anything like an adequate return upon the large expenditure then being incurred, it rould be necessary to complete the series, by connecting the waters of the St. Lawrence with those of Lake Champlain. By this means it was believed that we could successfully compete with the Erie Canal, either for the carriage of grain to the great centre of distribution for home consumption at Albany, or to New York for exportation" to Europe.

The inhabitants of the Northiern States on the Atlantic scaboard, being largely en: gaged in manufactures, have to import food from the arricultural districts of the West; and the magnitude of the trade thus created is cstimated by various competent authorities, at from five-eights to three-fifths of all the vegetablo food which annually arrives at the level of tide water in the Fiudson fiver.

It would therefore scem, that any well-matured scheme, by which the Provincial Canals might be made the priocipal channel for so large and profitable a transport, would be well worthy of consideration.

In the existing state of our connections, the carco of a ressel arriving at Montreal, loaded with grain for the Eastern States, cannot be portaged to Lake Chiamplain, except at such an incrcase in the"cost, of transport as would nullify all the advantages. of the St. inwrence navigation, and give the Grie route a decided superiority in point of cheapuess.

But were the River St. Lawrence united to Lake Champlain by a canal of dimensions. equal to the enlarged scale of narigation above referred to, this serious drawback would then be removed, and the Province would reap the full benefit of the cnequalled adyantages which it ought to derive from the possession of the natural route.

The Annual Report for 1862, of the Auditor of Canal Tolls, \&cc., for the State of New York, shews that the average cost of transport of wheat from Chicago to New York, via Buffalo, or by way of Oswego (including canal tolls), was as follows :-

|  | 1861. | 1862. |
| :---: | :---: | :---: |
| 1 Ton, Chicago to Buffalo.. | \$3.80ㄴ | \$3.49 |
| Buffalo to New York. | $5: 24 \frac{1}{2}$ | $5.27 \frac{1}{2}$ |
| Total | \$9:05 | \$8.762 |


|  | 1861. | 1862. |
| :---: | :---: | :---: |
| 1 Ton, Chicago to Oswego | \$5:22 | \$5.07 |
| " Oswego to New York | 3.70 | 3.68 |
| Total | \$8.92 | \$8.75 |

This does not seem, however, to include the cost of transhipment either at Buffalo or Oswego.

The vast increase in the trade of the latter port, since the opening of the enlarged Welland 'canal in 1845, clearly demonstrates the effect of extended natural navigation. Oswego, with vessels of from 250 to 400 tons burthen, which pass through the Welland canal, is able to compete with Buffalo, although propellers of 750 to 1000 tons burthen arrive there from Chicago.

This arises from the simple fact that there are about 118 miles less canal navigation on the Oswego route than on that via Buffalo to Albany.

The fellowing table will shew the comparative amounts of produce which arrived at Oswego from the West, from 1845 to 1862 :-

|  |  |  | 5 |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
|  | 63,905 87,329 | 185 | 124,004 |
|  | 90,411 | 1857 | 104,332 |
|  | .119,201 | 1858 | 172,674 |
| 1850 | .133,473 | 1859. | 93,345 |
| 1851. | .146,204 | 1860. | 249,069 |
| 1852 | .182,484 | 1861. | 277,679 |
|  | 227, |  | 276,237 |

It may, therefore, be fairly inferred that a proportionate success would attend the Champlain route, could vessels of large tonnage reach Whitehall without breaking bulk; and that the cities of Montreal and Quebec would also be greatly benefited, as regards the increased facilities for transatlantic trade which would rasult by bringing the large inland vessel alongside of the ocean ship.

Fiven at present, a propeller of ordinary speed can make the trip from Quebec to Lake Erie in about tive days, and that from Lake Erie to Quebec in four days; whilst the voyage by canal boats, of less than one half their tonasge, seldom occupies less than 12 days between Buffalo and tide water in the Hudson river. Goods shipped from Quebec also reach the upper lakes enrlier in the spring than those from New York via the Erie canal; and produce from the Europen market can be shipped later from Chicago, via Montreal, than by the Buffalo route, for the reason that the voyage is made on the river and through our canals much quicker than by the Eric canal.

The tables in the appendix sher the dates of opening and closing of navigation at the port of Quebec, the St. Lawrence and Welland canals, the Erie canal at Buffalo, and the Hudson river.

The Champlain connection would also facilitate the large export of sawed lumber, which now finds its way into the United States for home consumption, from various points along the Canadian frontier, by costly and often circuitous routes; aud would enable it to be laid down at the minimum of transport charges at the great lumber mart of Albany. It would also form a direct route for that portion of this staple product of the 0 ttama valley, required for the American market.

Thus the trade, which now merely crosses Lakes Ontario and Erie into the United States, from the West and Upper Canada, would find a speedier and less expensive route to market.

This advantage would no doubt be quickly appreciated by merchants and forwarders.
By the retura of the auditor for New York tolls, previously cited, the total movement in tons of produce of Western States and Canada, and other freight which arrived at tide water by the Erie canal in 1862, was as follows, viz. :-


The comparisons of movement of freight are chiefly confined to the Western trade, as bearing directly upon the question now under consideration. Thus in 1862, there was received at tide water in the Hudson River $2,917,094$ tons, whilst only $756 ; 870$ tons arrived at Montreal during the same year.

The returns also show that the New York Central and New York ani Erie railways carry about 35 per cent. of the aggregate freight moved both by them and all the New York State Cants, which total amounted, in 1862, to the large figure of $8,619,173$ tons.

These facts show conclusively that notwithstanding the great length of artificial navigation by the Erie route, it has, through the strenuous exertions and far-sighted policy of the State legislature, attraoted an in mense trade; the disadrantages of the route having been, as faras possible, obviated by continued and liberal expenditure upon its improvement.

The result has been, that last year a revonue of nearly 5 (tive) millions of dollars was derived from this cinal.

It is believed that the period has now arrived when it is still more imperative upon the Province to adopt a policy calculated to demonstrate the real superiority of the St. Lawrence route, by completing our canal system, aud enlarging it to such dimensions as will place it beyond the reach of successtul competition, in the cheap transport of imported goods for the Western market, or in the specdy export of the vast and overflowing vegetable products which now find their way through other chanels to the Eastern States and to Europe.

## WELLAND CANAL.

The idea of effecting an ubinterrupted water communication between Lakes Erie and Ontario, appears to have becr entertained by a few enterprizing individuals, residing in the Niagara district, long before the means of carrying it into practice could be obtained.

For the gradual development of the scheme by which this was ultimately accomplished, the Province is,' however, 'reatly indebted to the indelatigable excrtions of the late Hon. William Hamilton Merritt, who, for many years, devoted himsolf to the work of maturing our caual system.

Now that the period has arrived when the demands of trade reader it necossary to enlarge the capacity of this canal, a bricf sketch of its carly history, and the difficulties overcome in its construction, may not be deemed uninteresting.

As far back as the year 1818, the dividing ridge betweon the Chippewa river and the head of the Twelve Mile Creck was examined, with a view to the uniting of these puints by a canal, and a profile of the route was shortly afterwards cxhibited at York, to members of the legislature, which was then in session. No further action was, however, taken in the matter until 1823, when a line was surveyed; and in 1824 an Act was passed incorporating the Welland Canal Company, with a capital of $£ 40,000$, for the purpose of cstablishing a navigation from lake to lake, for boats of from 20 to 40 tons burthen. The canal to be. four feet deep, seven fect wide at bottom and 19 feet at water surface.

Ground was broken on the 30 th November, 1824 , without any ccremony, bor did the public at that time scem to be at all aware of the importance of the work.

It was scarcely commenced, however, upon this small scale, when the people becaine rapidly convinced of the great benefits which its construction could not fail to coufer upou the trade of the Province, and in "1825, upon a petition from the Company, Parliament resolved to increase the capital to $£ 200,000$, and to aid the undertaking by the loan of $£ 25,000$. This was done with the proviso that the company should construct a canal for schooner naviigation, by incroasing the dimensions of that originally designed, to 7 fect 6 in. depth of water, 34 feet width at bottom, and 52 feet 6 in at top, cxcept through the "deep cut," which was to be only 15 fect wide at bottom and 32 tect 6 in , at top. The locks to be made of wood, 22 feet wide and 100 feet long.

Although $£ 75,000$ of this increased capital stock was readily subscribed for in New York, and $£ 25,000$ in Upper and Lower Canada, some difficulty arose in disposing of the remiaining $£ 100,000$ in the English market, which threateued seriously to interfere with the pregress of the work. Under these circumstanecs, the legislature, in 1827, passed a Bill by which the Province became a shareholder to the amount of $£ 50,000$; and io the same vear the Government of Lower Canada also aided the scheme by taking stock in it to the amount of $£ 25,000$.

In 182S, the conpany obtained a loan of $\mathfrak{E} 50,090$ stering from the Inperial Government, at 4 per cent.; being forced, from the embarrased state of thir finances, to apply for this, even though, by the acceptance of the loan, they forfeited a gratuity of $£ 27,000$ sterling offered to their agent by the Chancellor of the Exchequer upon cortain conditions, chiefly relative to thi passage of His Majesty's troops through the canal, free of toll.

But at the close of this year (1828), the engineer reported that disastrous slips had occurred in tho" deep cut," which would ingrease its post to q unch larger sum than the onigioal cenhatic.

Notwithstanding the occurrence of this, and many other unlooked-for difficulties, whioh both augmented the outlay upon the works and retarded their completion; the confidence of the projectors of the canal remained unshaken as to the ultimate success of the scheme. At length, by frequent legislative aid, coupled with indomitable energy on the part of the company, it was partly accomplished; and on the 30 th November, 1829, a sahooner of 85 tons burthen passed between Lakes Erie and Ontario via the Chippewa river. On the 20 th May 1833, however, the main route was completed, on the same scale, to Port Colborne, and the original project thus fully carried out. In order to effect this, the Proxince took some additional stock in the undertaking that year.

Although a through navigation was thus secured, the locks and other structures being of wood, put together more with reference to present economy than stability, will account for the frequent failures, the large outlay for maintenance, and the financial difficulties of the company, which continued unabated after the opening of the canal.

These continued annually to increase, and although Government aid was given at various times, it became quite evident that the company were unable to maintain the works in that effective condition which their importance demanded.

Representations having been frequently made to that effect by the company, who urged that the work should be controlled wholly by the Government, the legislature, shortly after the union of the Provinces in 1841, passed an Act to purchase the rights of private stockholders, -subsequently transferred the management of the canal to the Board of Works,-and, by the Act 4, 5 Victoria, cap. 28, £500,000 was appropriated to enlarge and render this line of navigation permanent throughout:

Up to the 31st December, 1841, this canal was debited on the books of the Province with $£ 462,856$ 18s. 10 d.,

$$
\begin{aligned}
& \text { equal to.................................. ............................. } \$ 1,851,427.7 z \\
& \text { Debentures issued under Act } 7 \text { Vic., c. 34, for payment of } \\
& \text { back interest on stock, \&c., \&c..................................... } \\
& \text { 675,356:42 } \\
& \text { Amount expended under Department of Public Works for } \\
& \text { enlargement, erection of permanent structures, land } \\
& \text { damages, \&c., up to 31st December, } 18.63 \\
& \text { 4,766;460.7. }
\end{aligned}
$$

Total expenditure by the Province ................................ $87,293,244.89$
Of this amount about $\$ 1,400,000$ is chargeable to increasing the depth of water to ten feet on the mitre sills of the locks, and to widening and bottoming of the summit level, to admit the waters of Lake Erie as a feeder.

This latter work, from the commencement of the enlargement under this department, has been considered indispensable, from the gradual failure of the Grand river as a feeder to furnish the necessary supply.

But although arrangements were made for carrying it out, various unavoidable causes obstructed its progress, and it was proceeded with slowly, even after the Port Colborne branch had been laid dry (and remained so for several ycars), with a view of affording an opportunity of executing the work to the best advantage.

The water was subsequently let in, and a contract made for its completion by means of steam excavators"; but the parties to whom the work was intrusted failed to carry out their agreement.

At length arrangements were made with the present contractor, under whose energetic management the work has been conducted as expeditiously as its nature and attendant circumstances would permit:

The prism of the canal between Allanburg and Port Colborne has been nearly doubled in sectional area; the bottom width, originally intended to be only 26 feet, having been made 50 feet, to admit of two vessels passing each other at any place on the line The depth has also been increased fully two feet for the whole distance.

This part of the work is now rapialy approaching completion on the scaleabove stated. The time, however, is not far distant when its capacity must be still further increased:

But the Work of greatest importance to be undertaken is the construction of a new line of canal from Thorold downwards to Lake Ontario, with locks capable of passing a large class of propellers. This is believed to be so urgently necessary, that it cannot be
too often brought under notice. Asits execution will necessarily occupy several years, it early comnencement becomes all the more imperative; and although the Department i not yet in possession of sufficient inforuation to enable it to recommend any precisc line this can be readily obtained, and the extent of the necessary improvements determined, when the means of carrying them out are placed at the disposal of the Government.

By the Report of the Superintendent (Appendix B), it will be seen that the progress made during the past scason with the work on the summit level, has been such as to warant the belief that two seasons more will suffice for its completion.

In 1863, there was expended on it the sum of........................... 849,981
Superintendence and contingencies
5,010
Total.
\$54,991
For the operations of next season, an appropriation of $\$ 60,000$ will be required.
The construction of a second tow-path on the Thorold level, between Hurst's and Marlutt's Bridges-and the widening of the channel-way betweon these points (alluded to in previous reports) - would so much facilitate the passage of vessels, that it is deemed advisable to bring the subject again under notice. The estimated cost of these works is \$18, 100.

Large fleets of upward bound vessels, being often detained at Port Colborne by winds which are favorable to downward vessels entering the canal, frequently leads to such an over-crowding of the harbour as results in considerable delay and damage; which, it is believed, can only be obviated by increased accommodation.

This is the more necessary, from a large portion of it being gencrally occupied for purposes connected with the Welland Railway, at the southern terminus of which an elevator has been erected for the transfer of grain, and the lighterage of vessels of greater draught than those which can pass with full cargoes" through the canal.

The railway, by affording facilities for lighterage, has tended to bring a larger class of vessels to this port, which has, no doubt, been beneficial to all the interests concerncd.

Itis therefore believed, that in view of the railway requiring further frontage and basin accommodation, it might be granted at such a point as would not interfere with vessels entering or leaviag the canal, upon the company contributing a reasonable sum towards defraying the expenses of the enlargement.

The design of the harbour is such, that its arca can be made one third greater than at present, without interruption to the trade or interference with existing works. Its enlargement, which is considered indispensable, is estimated to cost $\$ 64,000$.

During the scason of low water, vessels of ordinary draught cannot pass through the cut between the lock at Port Robinson and the Welland River. This is fully 1300 feet long, and is then barcly siz feet in depth. Since the works were assumed by Government, no outlay has been made upon it.

There being considcrable trade on this route in sawed lumber, grain, dc., it is beliered that the decpening and improvement of the chanacl wculd be of sufficient advantage to warrant the outlay for the work, which is estimated at $\$ 2,500$.

The staunching of the dam at Dunville, referred to in previous reports, has beon well tested during the past year (the scason being drier than usual), notwithstanding wideh, the water has been kept up better than heretofore.

All the various works of repairs and maintenance have been promptly attended to, as they became necessary, and spare gates provided to meet any ordinary emergency which may occur during the coming season. On the 13 th April narigation vas opened, and was closed on the 13 th December.

During the season, three interruptions occurred, by the breaking of lock-gates, which collectively amounted to four days.

The storm of the lst January of the present year has damaged the picrs at Port Colborne harbour; but being now covered up by large masses of ice, an estimate of the probable cost of repairing them cannot now be arrived at.

[^4]On reference to $\Delta$ ppendix B, Schedule No. 5 , it will be seen that large arrears are due for lands bought and privileges acquird along the line of this canal; amounting in all to $\$ 28 ; 910.58$.

As no payments have been made on these purchases for a number of years, it appears advisable that some action should be taken to recover the large sum in question.
revenue for the last four years.

| (1.4", - | 18 | 1861. | 1862. | 186 |
| :---: | :---: | :---: | :---: | :---: |
| Tolls | \$165,220.65 | \$229,769.49 | \$271,384.27 | \$225,442.01 |
| Collected on rents | 7,686.97 | 8,967.20 | 7,363.90 | 9,014.79 |
| Do. on lands, cic.i....... | 1,737.07 | 25.00 |  | 516,33 |
| - Do. on fines and damages. | 2,116.10 | 2,267.S0 | 573.00 | 4,664.50 |
| 'Totals' | \$176,760.79 | \$211,029.49 | \$279,321.17 | \$239,087.63 |

## WILLIAMSBURG CANALS.

These canals are the highest in the St. Larrence series, and hare less sectional area than any of the others; their bottom width in cutting being only 50 feet. The comparatively slight ripids which they were constructed to overcome, are generally navigated both ways by passenger stenmers, so that they are principally used by upward bound freight craft.

They are now in three divisions, and are collectively $11 \frac{1}{8}$ miles in length; but separated by stretches of river navigation 47 and 10 miles respectively in length.

When thicse canals were first opened; the embankments on the river side were, in many places, but slightly protectsd with stone, and the inner face of them was left wholly exposed to the action of the water. This has necessitated a considerable expenditure for the past few years in facing and lining them with stone.

During the past year, nearly onc lineal mile of this class of work has been done, and the bauks raised and streugthened at all the lowest and weakest points. Another season's work, cven at this rate of progress, will complete the whole. With an ordinary outlay for repairs, these canals have becn kept.(in other respects) in an efficient state throughout the season of navigation, which commenced on the lst day of May, and closed on the 7th of December.

One pair of lock-gates were built and brought into use last spring; but in order to be prepared for casualties, one pair of spare gates should be provided this year.

The north pier at the upper entrance of Rapide du Plat Canal, which for some years was much out of repair, has been rebuilt from the foundation upwards, for a longth of 138 feet. The superstructure has, however, yet to be put on.

To remove slides, and the material deposited in these canals by the action of the water, previous to the banks having been lined with stone, a steam dredge was set to work in September last, and is found to be the most economical mode of clearing out the channel without interfering with the navigation.

The dredge can be similarly employed with advantage for the whole of the next scason, as, now that the water in the St. Lawrence is low, deeply-laden vessels cannot pass through the upper reaches of the canals unless the channel be cleared out.

The necessity of proceeding with the several works recommended in the last annual report of this Department, but for which no appropriation was made, is urgently called for. They are as follows:--

The reconstruction of the swing bridge over Lock No. 23, in the Village of Morrisburg. The rebuilding of the outer part of the pier at the entrance of the Gallops Canal.
It is also very important that the swing bridge over the lock at Edwardsburg should be rebuilt. The guard booms in the rock cut on the Troquois Canal are so completely worn out, as to be of very little service. It is, therefore, proposed that if the weather is favorable in April nest, the water shall be drawn off the canal, and the sharp, angular points of rock, which now project into the cut, removed. The booms can then be entirely dispensed with.


## CORNWALL CANAL.

This is the largest of the St. Lawrence Canals, being nearly double the bottem width of those immediately above it, and one-fourth wider than those below. The locks are also 10 feet wider than any of the others which form the series.

By the carefulness of the superintendent, the high embankments forming the upper reach, which are constructed of porcus material, have been maintained in good order throughout the season, at a comparatively small outlay.

For about a fortnight previous to the opening of the canal, on the 2nd of May last, the water was drawn off to enable the necessary repairs to be made. The season lasted for 223 days, having closed on the 12 th December, with but a single interruption of eight hours, viz., on the 20 th of August, whilst repairing one of the mitre sills of Lock No. 19.

The three pairs of spare gites delivered last year make, together with those on hand, eight pairs in all. It is believed that these are sufficient to meet any ordinary contingency for some years.

The various works referred to in last year's report as being required, have now become urgently necessary. The are as follows; vis. :-Rebuilding the wharves at the upper and lower entrances of the canal, and the wharf adjoining the Town of Cornwall.

The other matters necessary to be attended to are the raising and protection of the embankments during the coming season, for which 200 cords of stone should be furnished this winter, and mooring posts provided and tixed.

Some of the recess platforms of the locks require to be replanked, and new segments provided and laid before the opening of navigation. No steps having been taken by the lessees of the water-powers at Cornwall to place the head gates to their mills in proper repair; the superintendent reports that if this be not attended to at once, danger may be apprehended to the navigation of the canal.

It therefore seéms advisable to notify them, that unless these repairs are at once effected, before the canal is opened next spring, that the water will be cut off from their mills by dams or otherwise.

| Repairs, 1863 |  | \$ 2,089:74 |
| :---: | :---: | :---: |
| Management |  | 10;089.61 |
|  | Tótál | \$12,179.35 |

## BEAUHARNOIS CANAL.

This canal is the only one of the series which is located on the south shore of the St. Lawrence. It passes through a well settled part of the country, and is consequently crossed by a large number of swing bridges. These; together with the long dykes on both sides of its uppor entrance, rendered neccssary by the backing of the water there, considerably increase the cost of maintenance. 4000 fineal feet of the dyke throngh Eungry Bay was raised last year, to a height of about 20 inches, and a like extent will hate to be done during the ensuing season. The dam, built across a brauch of the St: Lawfence to deepen the upper entrance, requires constant care and watchfalness to maintain it effciéntly.

The bridges are generally in yood repair, with the exception of that over the guard lockat the hêad, which should be rebuilt before the opening of navigation.

The superstracture of the pier at the upper entrance requires to be rebditt and suitable timber should be delivered this winter for that purpose.

The by-wash at St. Timothy was partly repaired last spring ; but some leakage haviag been found in it last summer, it will require further attention before the season opens.

It was intended to have repointed the lock walls at many places last spring; but the weather hiving proved unfavorable, this work was not done.

It must, however, be proceeded with next season.
Three pairs of new lock-gates were provided last year, one of which was imnediately brought into use at Lock No.8. There are now six pairs of spare gates on hand; but some of them being old gates repaired, it is believed that two pairs of new upper gates should be provided this year.

The pier at the lower entrance, referred to in the last annual report, and for the extension of which no appropriation was made, should be lengthened in order to aftord sufficient accommodation for vessels navigating the canal as much inconvenience and delay are experienced from large numbers being collected there without having proper mooring space, it is important that this work should be done acst season. Its estimated cost is $\$ 7000$.

The navigation of this canal, which was opened on the End of May, was maintained until the 4 th December, with but one interruption of about 18 hours, whilst repairing the lower gates of Lock No. 10, which were carried away by a vessel. This ocsurred on the 16 th May last.

The repairs for 864 , generally of ai ordinary nature; are estimated to cost $\$ 7,165$.
Management, \&c.," $1863 . . . . . .-. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . ~ \$ 8 ; 857.31 ~$
Repairs. do ....................................................... 6,113.33
Total
\$14;970.64

LACHINE CANAL.
The Ottawa river enters the St. Lawrence above Lachine by two branches : one opposite the foot of the Beauharnois Caual, and the other (or navigable channel) a dew miles further down Lake St. Louis.

The influx of this large body of water has the effect, in time of floods; of greatly increasing the fluctuation to which the St. Lawrence itself is liable, and necessitates all the works at the head of the Lachine Canal being adapted for a variation of at least seven feet between extreme high and low. water.

The repairs of wharves, dock-walls, flour sheds, \&c., at the foot of the canal, together with those required at Lachine, greatly increase the annual cost of maintenance.

The excessive current produced in this canal, by the inordinate supply of water used for milling purposes at various points along the line, has led to so much difficulty in its navigation, as to be a heavy tax upon the trade.

Representations to this effect having been frequently made by forwarders and others, this Department, several years ago, took steps to limit the sapply to what was then in use. But, notwithstandiag the uncertainty of furnishing even that quantity of low water, and the well known injury inflicted on the trade, some of the lessees claim the right to a greater supply than they at present receive, although they have already fully double the amount of power considered available at the time when the leases" were"granted.

It would, therefore, appear that the interest of these parties are directly opposed to the successful" and unimpeded narigation of one of the most important of the canals; and, with a view of settling these matters, the whole question is now before the Provincial Arbritrators.

Another great drawback upon the trade is the deficiency of wharfage aud basin accommodation at Montreal; vessels being frequently detained several days waiting for a berth at which they can unload. This has been frequently referred to in the annual reports of this Department; but no means having been appropriated for the purpose of remedying it, it is therefore considered adrisable to draw attention to the urgent nécessity Which still exists for these improvements.

The enlargement of the St. Gabriel Basin (for which plans were propared sone years ago) would afford about 3,000 lineal feet of additional wharfage, where a large number of
inhand vessels could lic at one time, and by this maus roon would be available in Basin No. 7 for the lirger class which it is intented to secommodate.

To facilitate the tranfor of grain into the larger vessel, the deep water basins refor: red to in the report of lest year, and proposel to be constracted between the prosent canal and St. Etione Strect, on the propery accured by Government for that parpose, are still urgently required.

As regards their costs, it is believat that the tuads anising from the sale or lease of warehouse and other luts adjoining thoal, wouldeventanly pay for their construction, and would also bring into use a lage and valuble tract of land which is now eatirely unpoductive.

For the accommulation of the inhabitats of the west end of the city, a bridge at the St. Cabriel Lock is much required, This would ruliove the Welliugton Street Bridge, which is now often inadequate to acommodate larse travel over it.

A regulating weir and racoway at this lock are also argently required. The probable cost of these works will be submitted in the estimate for 1864.

This canal was opened on the 4th of May, and closed on the 10 th December, without any interruption to the nuvigation (wisiug from acedenti) during the season.

The bridge above took No. 2 was ingreat mat renowed last year; and materiuls provided for the renurs of Beowsters and (hote St: Pambrides, this wintor.

A pair of lock gates suitable for either of the locks at the lower contrance, were provided last ycar." The camal is now well supplicet with spare gates, with the exception of one pair required for the guard lock, which must be buite thes winter.

The steam dredge and soows were put in good arder hast spring, and have been employed during the entive scason clearigg ont hasins Nos. 3 , and 4 . The expenditure on which was $\$ 4,453.11$.

The principal ropais to bo attended to this year are as follows:-
Pointing the lock walls. Repairs to bridges and regulating weirs.
Ropairs to tlour-sheds, whimes, bons and slope walls, \&e.
These are estimated to cost $\$ 16,090$..


## OHAMBLI CANAL.

The trade by this route during the last season has greatly exceeded that of any preeeding year, the revenue from tolle haring amounted to $\$ 25,070.66$.

Within the pust few years; soveral of the locks on this canal have been ebuilt, and the defective parts of other structures thorourhly repaired, so that the works are now in a monerately good cordition, cacept the gaard tock St. Johns, and one of the combined locks at Chambly, which will shortly recuire excensive repairs.

The unusual height of water in the Richelicu, during the months of May and June last, led"to considerable damage by softening the camal banks, and causingslides, especially on the river sido.

A large amount of deposit has been fortoed in the canal botom during the period of freshets by the numerous crecke, ditches, ce., which discharge into it. This impedes the passage of large flat-bottomed ressels, and otherwise leads to considerable detention.

The removal of such obstructions loy hathabor in the spring being very expensive, it is therefore proposed to perform this work by dredeing during the scason of navigation.

Last winter, the staff of the canal were employed in constructing a pair of new gates for Lock No. 4, and in rebuilding one of the ewiug-bridges. They also placed all the lock grates and bridges in good workiag order.

This canal was opened on the lst of May, and closed on the Sth December. The only detention experienced was from the causes above mentioned.

The banks between Looks Nos. 3 abd 6 hawe been raised, and such other portions as refuired it have been strengtiened and protected with stone. Theordinary repairs were also attended to during the season.


The fooring of several of the locks hab been displaced, and it will be necessary to replank them before the opening of navigatiou.

The upper gates at Locks 2 and 4 must be rehuilt, and those at 5 and 7 thoroughly repaired

The superstructure of part of the wharf at St Johns nust be renewed; and the clearins out of the buttom of the canal and furthar protection of the bauks proceeded with, together with repairs to looks, bridges, de. Al of which are atimated to cost $\$ 7,560$.

## S'T. UURS' LOCK AND DAM.

The high water in the Richelica, in May and Junc last, inundated a large portion of these works; and the ice injured the west abutnent of the dam and wias wall of the lock. These damages have been reparod, the precautions taken to grard agninst further injury from a similar cause.

During the season, part of the apron cribs below the dam, tad some sink holes above it, have been filled with stone.

The protection walls, banks and piers below the lock have also been repaited, ind such other work done as became necessary duriug the season. The eost of which was:-
$\qquad$
Management ................................................................ 1,21070

Total............... .................... $\$ 8,21040$
The balance on hand from last jear will, it is believed, be sufficient to cffect the ordinary repairs of the coming seashn.

Navigation by this route commenced on the 27 th april, and closed on the 3 ra day of December: It was interupted in all for about 30 hours, whilst adjawing the lower gates of the lock.

## SD. ANNES LOCK.

The returns from this lock shew a considerable increase in the trade during the past ycars,but there has been, nevertheless, a decrease in the tovenue, in consequence of the rates of toll having been lowered.

A very small expenditure took place last setson upon these works. But from the report of the superintendent ( $A \mathrm{ppendix}()$, it appears that the superstructure of the wing dam above the lock, for a length of 200 feet, is ninch decayed and requires immediate renewal: About 500 fee of the inside of it should also beshected with elm plank, and the docking on the river side below the lock should also be protected, to prevent damage from rafts or ice during high water.

These works, together with providing some mooring posts, \&c., are estimated to cost $\$ 1200$. The Ottawa, wia this route, was opened on the 28th April, and navigation was continued without interruption until closed, on the 5 th December...


## Carillon and grenville canals.

No expenditure has taken place on these canals, since their transfer to the Government in 1856, beyond what has been found absolutely nccessury to maintain them in a passable condition, owing to the suale of navigation being so limited, and many parts of the works radically defective in location.

Eight of the locks are from 123 to 132 feet long, and from $32 \frac{1}{2}$ to $33 \frac{1}{2}$ feet wide, whilst the remaining three are only from $106 \frac{7}{3}$ to $108 \frac{1}{2}$ feet long: and from $19 \pm$ to $19 \pm$ feet wide, with barely five feet draught of water.

The prism is also of very irregular form, the bottom width varying from 18 to 40 feet, and that at the surface from 50 to 90 feet:

The navigation of these canals opened on the 1st of May, and closed on the 2nd of December, with only one interruption of $2 \frac{1}{2}$ days during the season, which wis caused by the failure of one of the lock gates. Four pairs of new lock gates were built last season, and will be brought into use next spring ; three pairs are, however, now required, and should be constructed before the opening of navigation.

The superstructure of the pier at the head of the Grenville Canal was rebuilt last year, and such other indispensable repairs effected as were necessary to keep the canals open.

In August and September last, the water of the Ottawa being unusually low, the depth at the upper entrance of the Grenville Canal was so much reduced as to cause serious detention to vessels at that place.

A few years ago, a channel was partially cleared out by means of a float and scoop, worked by a capstain from the shore. This process, although slow, was tolerably effective; but the channel being narrow, and the banks steep and gravelly, the action of high water and frost on them lias again tended to fill it up, so that the passage of loaded squarebottomed barges is greatly impeded at period of low watcr.

To remove these obstructions; it is proposed to employ a dredging machine next summer, the expenses conncted with which are estimated at $\$ 1200$.

The structures on these canals are generally in a very had condition, and congiderable repairs to them must now become frequently necessary.

The north wall" of Lock No. 2 leaks considerably and will require to be staunched next spring, by pointing both sides and puddling in the rear.

The breast wall of Lock No. 10 must also be rebuilt, which, together with the general repairs to the other locks, is estimated to cost $\$ 2,035$. Repairing dam at North River, and clearing out fecder, together with the removal of deposit from the canal bottom, raising. the banks, \&c., $\$ 3 ; 225$. Making the total estimated outlay for repairs next season to be \$6,460.


## RIDEAU CANAL.

The works on this line of navigation have been maintained in a serviceable condition during the past season, with less expenditure than heretofore, which may be accounted for by the fact that several of the most extensive and dilapidated structures have been rebuilt," and others thoroughly repaired since the canal was transferred to the Government.

As stated in previous reports, many of the works were then in a ruinous condition
and from the comparatively mall revenue derived from the traffic, the outlay has been confined to such works of maintenance as could not be dispensed with.

The uavigation of this canal, which was opened on the 1st May, and closed at the end of November, was uninterrupted throughout the season. The flood of last spring, although nearly as high as that of the preceding year (which caused so much damage), passed off without accident to the works; ample provision having been made for its control, in the new structures. There is , however, some difficulty experienced from jams of ice and driftwood in the spring, to remedy which, booms will have to be provided.

A thorough repair of all the numerous works on this long line of canal would, of course, involve a very large outlay, besides being at a variance with the policy which has hitherto guided its maintenance. Although, no doubt, desirable, it could not, however, be recommended as an expenditure upon which an adequate return might be anticipated.

The superintendent, in his report of last year (Vide Appendix D.), estimates the cost of placing the canal in fair condition at $\$ 16,317.93$; but adds that some of the works embraced in this estimate might be postponed for another season. By this" means, the expenditure for next year would be reduced to $\$ 8,777.43$, which should be increased by the cost of six pairs of new lock gates, which appear to be urgently required. This would make a total of $\$ 13,577: 33$.

Various applications having been received by the Department for additional bridges along this line of oanal, rendered necessary for the convenience of the public by the increase of settlers and the erection of mills in the vicinity, it is believed that; considering the small number of these structures now existing; and the long distances by which they are separated, the memorials for the erection of others may, in some cases, be favorably entertained.

## BURLINGTON BAY CANAL.

In November last a vessel, in entering this canal, struck both the side piers with such force as resulted in the sinking of the vessel, but caused very little damage to the worke. The vessel was, however, raised soon afterwards, without interruption to the navigation.

- All the principal works are otherwise in good condition, and have required no outling for maintenance last year.

But the ferry scow, which has been in use for many years, is now nearly worn out. The construction of a new one and certain repairs to the wale pieces, \&e., are estimated"by the superintendent to cost $\$ 600$. He has been authorized to have these works executed.

## INLAND NAVIGATION-NEWCASTLE DISTRICT.

The nature' and situation of the works on this line of navigation are such as to call for considerable annual expenditure. If the necessity for maintaining them, however, continues to exist, the outlay must, of course, increase iu proportion to the decay of the structures.

Many claims have been, and still continue to be, made for damages alleged to arise from various causes in connection with the works; and as they yield no revenue whatever, whilst the cost of their construction, management, \&c., has, so far, been borne wholly by the Government, it seems reasonable that the parties or localities benefited should contribute towards becping them in repair, either by the payment of tolls, or by the manicipalities assuming their control and the responsibility of their proper maintenance.

During last season, some repairs were made to the dam at Bobcaygeon, and the lock gates put in better working order. The dam requires to be further staunched next season, and the lock should be cleared out.

Some repairs and additional gravelling are required to the dam at Buckhorn: The navigation of the Scugog river is obstructed by sharp bends in its course, together with fallen trees and stumps, which should be removed.

The dam at Lindsay was repaired and staunched last season, and the slide in connection with it placed in better condition.

The construction of a bridge over the Scugog at the Town of Lindsay was placed under contract in June last. It consists of three spans. The piers and abutments are of a good
class of masonry ; the superstructure is of timber work. The approaches have been executed by the municipality on a valuation previously fixed by the chief engineer, with the proviso that the Corporation should assume all responsibility in connection therewith.

The contract works have not, been proceeded with in an expeditious manner, and the coffer-dams yet remain to be removed, besides several minor matters still to be attended to.

On the completion of this work, it will be transferred without delay to the Corporation of Lindsay.

$\$ 4,91938$

## LAKE ST. PETER.

The deepening and improvecnent of the navigable channel between Quebec and Montreal was assumed in 1860 as a Provincial work ; but the Montreal Harbour Trust (under whom operations were carried on for the previous nine years) were still charged with its management under certain stipulations, chiefly regarding the dimensions of the channel, and the relative responsibilities of the Government and that Corporation for payment of exponditure incurred in completing the work.

In accordance with the understanding then arrived at, and for the guidance of this Department, the chief engineer was instructed to obtain, by personal examination, the necessary information regarding the mode of conducting the dredging operations, together with the progress made, and the financial and other arrangements connected therewith; but, from several unavoidable causes, his report has been delayed. In the meantime, however, he furnishes the following statements respecting the matter in question.

Commencing at Montreal and proceeding downwards, the channel-way at Pointe-auxTrembles and Fercheres has been deepened and improved to a depth of 20 feet.

Betwaen La Valtrie and Isle Plate, there yet remains about two miles in length which, at low water, is now only 18 feet in depth.

At the upper part of Lake St. Peter, tbere are yet between $3 \frac{1}{2}$ and 4 miles to be deepened from $1 \frac{1}{3}$ to 2 feet. From this point to the foot of the Lake, the channel is the full depth of 20 feet at low water. Thence to Quebec, there is aiso a like depth; but the channel would be much improved by removing a small shoal which lies off the mouth of the Becancour river. This shoal is not marked on the"Admiralty Chart. It is of small extent, and has 17 feet over it at low water.

The point of the shoal opposite Ste Anne de la Parade, should also be removed. There are also thrce small shoals or "Poullier," one off Cape Ievrant, ancther w short distance below this, and the third off Cap La Roche. These should be deepened.

The work to be done at the various points enumerated above, appcars to embrace all that is necessary in the way of dredging, to establish a ship channel of 20 feet in depth, at low water, between Montreal and Quebec.

Additional buoys will, however, be required at various points to more clearly mark it out.

In order to execute this work as rapidly as possible, it is very desirable that all the dredges and plant (under the trust) should be thoroughly repaired; and that those generally employed in the Lake should continue their operations until the full depth is obtainod. The dredges employed in the Harbour of Montreal (owned by the Commissioners) should also be brought down to La Valtrie, for the purpose of simultaneously dredging the channel to the required depth at that point.

The obstructions referred to below these places, can be subsequently attended to ; and it is, believed that were the dredges kept constantly at work in the manner indicated, the whole might be completed by the season of low water in 1865 .

The following is an abstract of the expenditure, \&c., on these morks, up to the 31st December, 1863 :-


## LAKE AND RTVER LIGHE-HOUSES, BUOYS, \&C:

## ABOVE LACEINE.

It is the praetice of this Department annually to invite tenders for the principal supplies required for the light-house service. A" vessel is subsequently chartered for their delivery, which generally occupies from 15 to 20 days

To enable this system to be properly carried out, the superintendent makes a return in detail of the articlem on hand every year, and in the spring submits a statement of the supplies required for the ensuing season.

On the completion of his annual inspection, he reports the condition of the lighting apparatus, towers, de. at the respective stations.

Works of general repairs and maintenance are executed under the immediate ordere of the superintendent; but in carrying out those which involve large outlay, the localities are usually visited and plans for them matured by the chief engineer. There are fiftyone light stations under the control of this Department. At three of these one keeper has charge of two lights-at four stations there are two keepers to one light and at Port Dover the Company who purchased the harbour provided a light-keoper:-thas the average throughout is one keeper to each light.

The light keepers are considered permanent officers, and are retaine whilst they con-
tinue faithfully to discharge the duties entrusted to them. They are paid fixed salaries, according to the service performed. Each keeper makes a quarterly return of the articles consumed at his station, together with a statement of the supplies on hand; and notes any special occurrence which takes place during that period.

The lights are exhibited from shortly after suadown until a little before sunrise, commencing (in the lakes) gencrally between the 1st and 15th of April, and continuing until between the 15th and 25 th December, cach year; and in the river, the time of lighting up in the spring and extinguishing in the fall is regulated by the opening and closing of the navigation.

Thirty-nine of the light houses are now illuminated by means of coal or mineral oil; and it is intended that all the other catoptric or reflector lights shall be fitted up this year for the use of that kind of oil. No change is, however, at present contemplated in regard to the lentisular lights, on Georgian Bay and Lake Huron.

The usual repairs incident to such works have been promptly attended to during the past year; and several of the structures connected with them have also been rebuilt or strengthened. Of the latter class are:-

The construction of protection works adjoining Point Claire light-house pier; raising and sccuring the superstructure on which the Lancaster light stands; thoroughly overhauling the bull, and renewing the deck of the light-ship moored in Lake St. Francis; painting and fittiug up light-ships, Lake St. Louis.

Arrangements have also been made for the erection of a dwelling house for the light keeper at Wolfe Island.

The construction of additional protection works on the lake side of the light-house on Pelee Island, Lake Erie, rendered nccessary by the action of the waves during high winds, by which tie notth point of the Island was cut away.

Filling, and levelling up with a heary class of masonry in hydraulic mortar, the interior of the caisson on Pointe Pelee reet; putting on and sccuring iron bands round the structure; caulking and painting the light-house and constructing a landing place; putting up boat cranes and other necessary fixtures for the convenience of the keepers, and for the delivery of stores.

The works at Pointe Pelee are well-advanced but not yet completed. Several of the repairs and works recommended in the previous reports of this Department, but for which no means bave been provided, are of course, through lapse of time, now more urgently necessary. The principal of these are :-

A new range light at Grosse Point, head of Beauharnois Canal ; further protection works, and a new lantern at McKie's Point, Lake St. Francis; building a pier round Gull Island light-bouse, on Lake Ontario, (indispensuble to its safety); construction of a breakwater at Long Point light house, Lake Erie; and also at Nottawasaga Island, Gcorgian Bay. All of which, together with ordinary repairs, are estimated to cost $\$ 8,500$.

The cost of ordinary repairs, maintenance and salaries last year (1863) was as follows :-

| Repairs | 82,34652 |
| :---: | :---: |
| Supplies. | 4,047 61 |
| Coal oil. | 2,452 90 |
| Sperm oil. | 4,737 50 |
| Chartar of steamer | 1,500 00 |
| Salary and travelling expeuses of Superintendent. | 2,295 00 |
| Lis't'house keepers' salaries ........................ | 17,827 84 |
| Placing buoys and light-ships | 30487 |
| Advertising and printing. | 988.48 |

Total ..... ............. . ............ $\$ 36,00072$

## LIGHT-HOUSES BELOW QUEBEC.

The only work of any extent which was carried on under this Department, in connoction with this service during the past ycar, was an addition to the light-house pier at Crane Island Shoal, rendered necessary in order to protect that structure from the effects of the batture ice. This was put under contract in the latter end of September, but
before it was quite finished, the winter had set in. It will be resumed and completed next spring.

Nothing has yet been done towards the construction of lights either on the Bird Rock or Cape Ray. The importance of these has been repeatedly pointed out by mariners, by the Quebec and Montreal Boards of 'Crade, and by others directly interested in the Atlantic trade. It has also been frequently brought under notice in the annual reports of this Department, and the sites for the light-houses in question havebeen examined and reported upon in detail by the chief engineer, who also suggests the mode of carrying out the works.

The objects to be obtained by these improvements are : the diminishing the risks of navigation; the reduction of rates of insurunce; and the goneral benefits which would consequently ensue to the trade.

It is beliered that these considerations are of such inportance as to demand the early construction of leading sea-lights at the two places above named; and this becomes all the more necessary, in view of the enlargement of the Provincial Canals, by which a larger share of the Western exports to Europe will doubtless be secured to vessels navigating the River and Gulf of St. Lawrence.

## TUG SERVICE, UPPER ST. IAFWRENCE.

In order that the vessels passing through the Canals may experience no delay on the river and lakes connecting the St"Lawrence Canals, it is necessary that an efficient tug mervice should exist on each of the four sections, viz. :-

From Lachine to Beauharnois Canal ;
"" Beauharnois Canal to Cornwall Canal;
" Cornwall Canal to Prescott;
". Prescott to Kingston.
This service has for many years past been sustained by Government subsidies, whioh have decrcased from time to time, as the trade of the Si. Lawrence increased. Thus, the bonus given with the contract which expired in the fall of 1860 was $\$ 24,000$; with that which expired in $1862, \$ 20,000$; and with that of $1863, \$ 16,000$, with a tariff of ten per cent. less than that of the former contracts. The busincss done duriug the past Jcar is given in the following statement taken from returns furnished by the contractors, It exhibits the number of towages on each division up and down, and the amounts collected under the contract tariff:

UPWARDS.


As compared with the business of 1862 , this shews a falling of in the number of to wages of $13 \frac{1}{2}$ per cent, and in the amount collected of 23 per cent.

It was feared that if the Government were suddenly to withdraw its aid and control, without giving due notice and affording time for the preparations which such a proceeding would render necessary on the part of the forwarders to enable them to carry on their business, the trade would suffer considerable inconvenience and loss. Tenders were tharefore invited last summer for the performance of the service for a period of three years, commencing the 1st May, 1864. Two were received, one asking a bonus of $\$ 10,000$, and the other $\$ 12,000$ a year : the tariff for towage in both cases to be 10 per cent. lower than that of previous years.

But, as the latter tender offered to place a greater number of vessels on the line and was, in other respects, advantageous, it was considered that the service would be more efficiently performed, and the public interests best consulted, by its accoptance. Arrangements were therefore entered into for one year, with Messrs. Calviand Breck, Who had hitherto carried out their contraots for similar aervice in a satisfactory manner.

## RIVER WORKS.

## OTTAWA WORKS.

All the public works on the Ottawa and its tributaries under the charge of this Department were placed in good order by the superintendent during the last rinter, and withstood the pressure of the spring floods, the shoving of the ice, and the passage of more than the usual number of cribs and timber of saw logs, without sufforing any serious damage or calling for more than the ordinary repairs. They have been maintained throughout the year in perfect working order, and a moderate outlay will now suffice to kecp them in the same efficient state for the business of the present year:

The cost of repairs and management for the past year, notvithstanding the increase of business, is nearly the same as for the previous ycar, as may be sean by the following statement :-

|  | Amount charged to Rerenue in . 1862 | and in | 1863. |
| :---: | :---: | :---: | :---: |
| For repairs. | ........................... \& $^{4,556.46 ~}$ |  | \$ 4,376.86 |
| Management | 10,895.89 |  | 11,410.09 |
|  | Total........................ $\$ 15,752.35$ |  | \$15,786.95 |

To facilitate the runniug of timber down the main channel of the Ottawariver, it was found necessary to clear it of certain formidable obstructions lying directly in the course of the crib channel at Portage du Fort, and at the upper entrance of the Little Chaudiere slide.

The former of these obstructions, known as the Black Rocks, was successfully removed by blasting. The latter consists of a rocky shoal, the excavation of which ras placed under contract; but, owing to the failure of the contractor, it is not yet completed. It is, however, expected that the work will be finishod by his securities in due time, before the rise of water in spring. The expenditure on these works is included in the foregoiog statement of the cost of repairs for 1863.

The necessary repairs for 1864 are estimated by the superintendent to cost \$4,910.22. A detailed statement of them is given in his report, Appendix E.

It being necessary that these repairs should be completed before the breaking up of the ice in spring, authority of Council was obtained for jxiceeding with them during the winter. They are now well adranced, and it is confidently expected that all the works will be placed in good order before the spring business commencos.

As regards the lumber business of the past ycar, it is satisfactory to obscrve a continued increase in this branch of our productive industry. The returns present the following result for the past tro years:

| The number in 1862 and in 1863 of pieces of square tiub ber from the Upper Ottawa which passed the Chaudiere slides, was $\}$ | 326,781 | 351,255 |
| :---: | :---: | :---: |
| Of saw logs which arrived at the Chaudiere....................... | 90,000 | 120,000 |
| Of square timber brought down the Gatineau river | 9,251 | no return |
| Of saw logs brought down the Gatineau river......... | 154,81.8 | 221,184 |

## NEW WORKS.

## RIVER DU MOINE.

The improvenents authorized on this tributary by the appropriation of $\$ 8, \$ 50$ of the last Session of Parliament were compieted last spring. They extend from the mouth of this river to the head of the Long Rapids, a distance of 45 miles, and consist of the various works enumerated in the report of the superintendent, given in the Appendix E. For a considerable distance above the Long Rapids the river is free from any natural obstruction to the ruaning of timber, and the effect of these improveacuts has been, as originally intended, to open up $S 0$ miles of this river to the lumber trade. So far as they extend, they answer the purpose and have given general satisfactiou; but application has recently been made to this Department for further improvements on the uppr part of on the ground that the proprietors cannot avail themselres of their limits, on which they have
to pay Crown dues, nor bring down to market the timber cut upon them, until these obstructions are removed.

Without some more satisfactory information in reference to the situation, nature, and extent of the improvements called for than is at present iu the possession of this. Department, it is impossible to form any opinion as to the propriety, or otherwise, of undertaking them as public works. For the purpose of obtaining such information of a reliable character, the superintendent has been instructed to make an exumination of the river, to report upon the application, and to submit an estirnate of the probable cost of the proposed improvements.

## TEE PETAWAWA.

Further improvements hare likewise been prayed for by the manufacturers of lumber and holders of licenses on this river, to enable them to carry on their business successfully. Their memorial having been referred to the superintendent, an examination of the river was made by him at the season of low water, in August hast. From his report it would appear that the sevcral improvements asked for by them, and estimated by hint to cost 813, 847.80, are of a class that might legitimately be undertaken as a portion of the public works on that tributary, provided the parties gettiug out lumber on it agree to pay an additional toll, to make yood this expenditure. Ho remarks that," "as the Petawawa is one " of the principal foeders of the Ottawa, and the lamberman has made little or no en"croachment "on'its upper forests, it apyears to me that the extension of the chain of river "works as far as Cedar lakewould be advautageous both to the Goverament and the " lumberman; since, with reasonable tolls throughoat, the lower works already constructed "by the Department would yield au increased revenue, and large quantitics of valuable "timber that might otherwise be destroyed by fire or be left standing in the woods would "be taken to market." There are not less thau ten liwits still further up the strcam that would be affected by the proposed imprutemeuts between Cedar lake and Trout lake which would thus be made to yiold revenue.

THE COULONGE.
It appears to have been the settled policy in reference to the public improvenents on the Ottawa, ever since thicir first commencement, to confine the public expenditure as much as possible to the main channel of the river, and only to extend it to such of its principal tributaries draining large and valuable tracts of well timbered lands as were of sufficient magnitude and importance to warrant the improvement of them as publie works, learing the minor streams to private enterprise.

But, from the nature of the lumber trade, private enterprise is always in advance of the Government Works. Ti extending these operations up the numerous tributary streams, all abounding in valuable timber, the lumbermen often find it necessary to undertake the construction of cxtensive works, to enable them to get out their property and protect it from injury in passing the rapids, the cost of which is just so much sunken capital.

To avoid such unprofitable investments, as well as to secure the advantage of authoritative control, they call upon the Government to make the improvewents and maintain the booms as a part of the system of public works. But, coning from interested parties, such applications have to be entertained with caution.

Inquiry must first be instituted as to the nature aud cost of the works, the charaoter and extent of the forests, and the probable production and permatience of supply.

Up to this time the public expenditure has been confined to the four great tri-butaries:-The Gatine:u, the Madawaska, the Petewawa, and the Du Moine.

This Department is niow called upon by the holiers of limits and parties ongaged in getting out square timber and saw-lors on the River Coulonge, who have sustained great losses on their property, to undertake the improvement of this river as a publio work; and steps have been taken to obtain the necessary information. The superintendent has examined the river and submitted a plan and entimate of the works:that are tequired fir its improvement. It appears from his report that the difficulties to be overcome are of rather a formidable character.

The ohasm of the High Falls necessitates the construetion of a slide upwerds of half a mile in leagth, to pass a fall of 125 feet in this distance; and no one place this ulide must"be suspended against the face of a perpendicular rock rising forty feet atbove the
surface of the rrater. The cost of this slide is estimated at $\$ 13,890.61$, and the total outlay on the river, including the cost of a boom at the mouth, may amount to $\$ 15,000$.

STAFE FMPLOFED.
Permanemly--One superintendent, one clerk, one paymastcr, one messenger, nine deputy slide-masters. - 13 all the year round.

Occasionally,-Three acting deputy slide-masters, five boom-men, two assistants on slide at Chaudière, one foreman, seventeen laborers.-28 from three to seven months, during the running season, in addition to the regular staff. (See Appendix E.)

## ST. MAURICE WORKS.

All the works on this river have been operated with entire success throughout the past seasou. There has been no accident worthy of remark, nor any lass of timber, and the management appears to have given general satisfaction.

The works are is good order and will not vequire a greater outlay than $\$ 600$, including provision for a storchouse at the mouth of the river, to prepare them for the active operations in spring; and, under your Excellency's authority, the superintendent has been instructed to proceed with the necessary repairs, as called for in his report, Appendix $F$.

An appropriation having been granted at the last Session of Parliament for the purchase of land at the mouth of river, for right of way and means of access to the public boom, and as a site fir a storchouse for the safe keeping of the property connected with them, the undersigned directed one of his engineers to lay of the land so required to be taken, and has entered into arrangements with the proprictors for the purchase of it. Some delay has been occasioned in searching for titles, but it is expected that the transfer, will shortly be effected, and all further inconveniences and difficulty attending the management of the works at this point will then be removed.

The cost of repairs and management for the past year contrasts farorably with that of the previous one, as shewn by the following statement:-


The staff permaventiy employed consists of:-One superintendent, one messenger, one slide-master, one nssistint slide-master, three book-keepeis.-7 in all.

The business doue upon this"river remains about the same as in former years; but a fair increase may be expected henceforth.

## SAGUENAY WORKS.

These works bave been in successful operation throughout the past seison without sustaining any injury or requiring any expenditure whatever for repairs.

The slide and dams are reported to be in goud order for the business of this year.
From the representations of the person in charge, it appears to be indispensably nocessary to incur a small expenditure of nbout $\$ 200$ for the crection of a storehouse for the protection of the Government property connected with the works, as well as to afford shelter for himself and his assistant in rorking the slido during bad weather.

The business done upon this river continucs to increase. The property which passed these works was

| "- | In 8862. | In 1848. |
| :---: | :---: | :---: |
| White pine log. | 43,289 | 44,113 |
| Red pine loge. |  | 8,000 |
| Spruce logs. | 7,000 | 21,000 |
| Total log | 50,289 | 73,115 |
| Square timber. |  | 420 |
| Red spruce knees | 715 | 218 |

The cost of management in 1863 was \$688.40.
The staff employed consists of one slide-master, permanent ; one assistant, for running neasou only.

## ROADS IN UPPER CANADA.

The under-mentioned turnpike roads, constructed in Upper Canada by this Tlepartiment, and subsequently, under the authority of the Acts of Parliament, 12 Vic., cap. 5, and 13 and 14 Vic., cap. 14, transferred to certain incorporated companies, by Orders in Council in 1851 add 1852 , on the conditions therein set forth, have this year been again resumed by the Government, in consequence of the failure of these companies to perform the conditions of the transfer; ana the tolls siace collicted on them have been paid to the credit of the Receiver General.

The Hamilton and Port Dover Road, $\mathbf{3 7}$ miles in length, including the bridge over the Grand River at Caledonia, was resumed by Order in Council, dated 18th May; 1863.

The Windsor and Scugog Road, 10 milos in length, and Whitby Harbour were resuraed by Order in Council dated 19th May, 1863.

The Toronto Roads, Eust, West, North, and Lake Shore, altogether 73 miles in length, were resumed by Order in Council of the 4th September, 1863.

## hamilton and port dover road.

The" holders of this road not only failed in making their payments to the Government as they fell due, but so utterly neglected the necessary repairs for several years past as to allow it to go to destruction and become almost impassable, while they still continued to exact tolls. To remody the evil, legal steps were taken by the local municipalities to compel the holders either to make the repairs or to desist" from taking tolls; but failing in this they made formal complaints by memorial to the Government, representing the dangerous state of the road and that persons travolling on it not only incurred great loss and inconvenience, but were", in addition, trongfully obliged to pay toll.

A thorough examination of the condition of the road and bridges was therefore ordered to be made by an engineer of this Department." This duty was performod by Mr. G. F. Baillarge in the month of August last. From his report it appears that the whole road, with the exception of four miles Macadamized near Hamilton, and the seren miles gravelled on top of the planking in the vicinity of Hagarsville, was then in such bad order as to reuder it absolutely dangerous to travel on. 'Ten out of the twelve bridges were only prevented from falling by props underneath, and the Caledonia bridge itsolf was supported in the like temporary manner.

Should these supports be carried away by the spring flood, as they are very likely to be, this important structure will become a complete wreck, and traffic will be suspended.

The estimate which he has submitted for ropairing the road in the most economical manner, merely to render it passable, including the rebuilding of the Caledonia Bridge and the other bridges and culverts where indispensably necessary, amounts to $853,172.00$. He also estimates the probable gross revenue from tolls, on the completion of the repairs, at $\$ 12,000.00$ a year.

The undersigned, having received your Excellency's authority, on the 15 th September last, to expend the sum of $\$ 20,000$ towards the repairing of this road where most needed to put it in such a condition that it might be disposed of on terms advantägeous to the public, caused the works to be proceeded with at once.

The superintendence of the repairs was entrusted to Mr. Alexander Macdonell, an experienced contractor; and under his judicious and energetic naanagement this important highway between the two great lakes has been so far repaired and put in order as to warrant the re-imposition of tolls, which took place on the 7th December last. The working seasou having soon after come to a close, the works were suspended on the 16 th of December.

From his report of the progress thus nade, it appears that the saperiatendent succeeded, in the short time allowed, and in wet and unfavorable weather, in putting the most important part of the road-that portion between Hanilton and Hagarspille, 24 miles ia length-in such good coudition as to give genoral satisfaction to the public. The repairs on this portion, owing to its being very much travelled on, have been more costly than
they will be on the remaining part, which is not so much used. New planks wore laid ou six miles ; old planks relaid on two miles; and five miles have been gravelled which were formerly planked. Four bridges and four culverts have been rebuilt, and the remaining ones have undergone general repairs. The southern portion, from Hagarsville to Port Dover, 13 miles, is all planked, and has been only partially repaired.

The expenditure in 1813 has been $\$ 16,000$. In addition to this there will yet be required to complete the repairs of this road in such a manner as to put it is passable order and justify the continued collection of tolls, for the general repairs of the remainder of the road, bridges, and culverts in the same nanner as the rest.. .......... $\$ 1 \neq 000$

For the reconstruction of the Caledonia Bridge
10;602
$\begin{array}{ll}\text { Total antount required...................................... } & 824,662 \\ 16,000\end{array}$
Amount expended........................................... 16,000
Total expended and estimated cost of repairs......... 840,662
In view of the iudispensable nature of these repairs and of the fact that the tolls are remunerative, the undersigned recently ohtained your Excellency's authority for the expenditure of this amount for their completion. Arrangements have accordingly been made for placing the reconstruction of the bridge under contract, and as soon as the weather will permit, the other repairs will"be proceeded with.

TORONTO ROAIS.
These roads comprise :-
1.-The Young street road, north, from thic city limits to Holland
Landing
33 miles
2.-The Kingston road, cast, rrom the city limits to Rouge Hill, at the
line dividing lots 32 and 33 in Pickering, including Don Bridge. 17 miles.
3.-The Dundas street roul, west, from the city limits to pringficld,
at lot 33 , in the township of Toronto.
19 miles
4.-The Lake Shore roid, south-west, from the city linits to the west
bank of the Humber River, including the bridge on that river.... 4 miles.
In all.
73 milcs.

Immediatcly after possession of these roads was resumed by the Crovernment, the collector was called upon to report their condition and furnish a statement of the necessary repairs. On the 19th October last he reported that

The Young Street Road, fur a distance of miles from the city, was nearly worn out, and in some places, cut through ; the next five miles not quite so bad; and the remaining twenty three miles in fair condition. The repairs on this road he estimated at $\$ 12,650$.

The Kingston Road, for a distance of three miles from the city, was in very badorder; the next five miles very much worn and requiring heavy repairs; and the remaining nine miles in fair order. The Don Bridge is considered unsafe, but may be preserved for two years longer by :t present outlay of \$401. "The bridge at Rouge Ftill alsc requires some repairs, and, altogether, the necessary repairs on this road are estimated at $\$ 8,540$.

The Dundas Street Roid is reported to be in a ruinous state, "owing to the wet and sandy nature of the soil and the absence of proper drainage. The repairs on this road are estimated at $\$ 10,490$.

The Lake Shore Road, for the first three miles, is in tolcrably fair condition, but the remaining portion, which was planked, is worn out and must be made over again.

The cost of repairs and reconstruction is estimated at $\$ 1,740$.
The total estimited cost of repairs is $\$ 33,420$.
On this report, tho undersigned received your Excellency's authority, on the 31st October list, to expend the sum of $\$ 10,000$ dollars for the ropairs of such portions of these roads as might appear most urgently to require them; but the season was then too far advanced to admit of doing them before winter set in. Authority has becn given to the collector to procure stones and have them broken this wioter, to be in readiness for use in the spring, and this work is now in progress.

There was no expenditure in 1863.

## WNDSOR AND SCUGOG ROAD.

This road runs from Whitby Harbour on Lake Ontario to Port Perry, at the head of Lake scugog and is nineteen miles in length.

The repairs called for last year are not of a serious nature. Authority was given to the collector to expend $\$ 300$ on the road and a like sum on the harbour; but the accounts not having come in, no expenditure is charged to this work in 1863.

## lancaster road, U. C.

Under the appropriation of 1854 , a new road of a little more than four miles in length has been madeand opened in the front concession in the township of Lancaster, County of Glengarry, between the old Province-line and the village of Lancaster, as a substitute for the old road, rendered impassable for a large portion of the year by the high water in Lake St. Francis. The new road branches off from the old one about a mile and a half west of the Province line near the centre of Lot No. 11, and runs in a direst course to the centre of Lot No. 2 S , and then down the centre of that lot to its intersection with the old road at a point about two miles east of Lancaster Village, being about 22,100 feet in length. It has been graded, ditched, and feaced, and substantial bridges have been built over the three creeks that cross it.

All the work was performed under one contract entered into in March last. It was commenced in Junc and fully completed in August for the contract sum of $\$ 8,147$. The total expenditure, including the cost of superintendence, is $\$ 8,284$. Previous to its commenconient, a by-law of the Municipality of the Township of Lancaster was passed, on the 23 rd Fcbruary, 1563 , for opening and establishing this new line as a public bighway; and since its completion, and in pursuance of the provisions of the statute, it has been delivered over to the local municipality by proclamation of the 9 th December last, to be maintained by that body from and after the lst January, 1864. It. is very desirable that all works of this class, after they have once been constructed and opened for the public at the expense of the Province, should in this uanner be giren over to, and be roceived by, the local municipalities through which they ruo, to be thereafter maintained and kopt in order by the people who use then ; the Government being thus relieved of all further control over them.

## ROADS IN LOWER CANADA.

## tie cauginawaga road.

When the sum of $\$ 1,500$ was voted by the Legislature for the repairs of the road across the Indian Rescrre at Caughnamaga, the season was too far advanced to allow this Department to get the work performed by contract last fall.

All that could be accomplished, therefore, towards improving the condition of the road leading from Caughnawaga to St. Martin and to Chateauguay bas ben performed by days labour, under a competent foreman. In this way the worst parts have been repaired and made passable at an oultay of $\$ 767.51$. The romainder will be complated in the ensuing spring.

## TEMISCOUATA ROAD.

No work was done towards the completion and repair of this road during the past year, in consequence of the late date-the 15 th October - at which the appropriation was made. The amount entered in the Statement No. 3 was expendedin 1863 is for payment of services rendered by Joseph Hudon, Esquire, as paymaster during the construction of the road.

There still remain one and three-quarters of a mile of road to bo comploted, and the general repairs so much needed in many places, the cost of which, as given in the annual report for 1862 , will be

86,000.00
Deduct the balanee of appropriation on hand
1,237.71
Amount requirod
$\$ 4,762.29$

## MATANE AND CAP CHATTE ROAD.

Certain portions of this road, more partieularly the banks of the Ruisseau a Sem and the Ruisseau de la Vapeur, were reported by Mr. Rosa, the superintendent of the Metapedia Road, in the month of September last, to be in a dangerous state. Anthority was then given him to proceed at once with such repairs as were indispensably necessary to maintain it in a safe condition. Thesc repairs, estimated to cost $\$ 1,000$, will be defrayed out of the gencral appropriation of 1862 for roads in Lower Canada, of which. there is a balance yet on hand available for this purpose.

These repairs were commenced too late in the scason to admit of their completion last fall.

The bridge over the Grand Mcehin has been secured, and the timber has been got out for the bridge over the Ruisseau it Sem, which will be about $2: 0$ fect long and 38 feet high, and, when finished, will enable travellers to avoid two dangerous hills.

The repairs which Mr. Rosa has undertaken will be completed carly in the ensuing spring, within the estimate ; but there will still remain about ten miles of road to be repaired and a bridge to be constructed over the Ruissenu de la Vapeur, the banks of whioh are steep and dangerous. The amount required for these works next summer will be about $\$ 1,725$, in addition to the $\$ 1,000$ already authorized.

The amount expended in" 1863 was $\$ 178.10$.

## METAPEDTA ROAD.

This important line of communication between Canada and New Brunswick, connect ing the settlements on the St. Lavrence with those on the Bay of Chaleurs by the most practicable passage across the great peninsul:i of Gaspe is now so far completed as to be available for carrying the mails, and has been used this ycar by travellers to and from the Lower Provinces; but, considering its position and the purposes it was designed to serve, it is still in an imperfect condition.

The portions of it undertaken by this Department have been completed in a manner suitable for a provincial highway; but owing to the rough state of the connecting links formed by the old Kempt road, it is as a whole impcriect, cither as a military road, or even as a good common road, for the use of the settlements it was intended to serve.

The old Kempt rond had been traced out and constructed as carly as the year 1830, and sone improvements made upon it in the years 1842, 1843 , and 18.44 ; but it was never cleared out more than fifteen feet in width, nor formed as a road, and was little better than a bridle-path, by which the mails were carried on horsc-back in summer and by dog-teams in winter.

By the direct course which it took over the mountainous region which intervenes between the St. Lawrence and the Ristigouche, it necessarily presented a succession of steep h:lls and bad swamps wholly unsuited for the location of a provincial road or a transit of merchandize. Hence it occurred that after it had been reported by Major Robinson that the valley of the Metapedia afforded the most feasible line for the contemplated intercolonial railway, having a summit of only 763 feet above the sea,", the line of the old Keaipt road was abandoned, and the roads since known as the north and south Metipedia, following nearly the line of his survey, have been undertaken by this Department.

The northern division, begun in 1857, extends from St. Flavie, on the St. Lawrence, to the head of Lake Metapedia, a distance of $33 \frac{1}{2}$ wiles.
The southern division, commenced in 1859, extends from Noble's, ut the forks of the Causapscal, along the Metapedia Valley, to its intersection with the Ristigouche, and thence, along the left bank of this river, to the residence of Mr. James Sillars, a distance of 38 "
The central division extends from the head of Lake Metapedia, along the west side of that lake to Nobles, at the mouth of the Causaps-: cal,-a distance of $27 \frac{1}{4}$ miles by the old Kempt road. A new location is necessary, to avoid the hills and swamp of the old road, but the distance may be assumed to be the same

The old Kempt road was so badly traced in the firstinstance that no part of it could be made to work in with the new line chosen for the northern division; nor is it expected that any part of the central division, now forming an imperfect connection between the other two divisions will be available when an equally good class of road is to be made; while on the southern division a new line altogether has been taken, which, although more circuitous than the old line, is yet the only practicable one for the kind of road that has been constructed.

The reason for this gencral abandonment of the line of the old Kempt road is found in the fact that the hills encountered upon it are very numerous, and frequently present inclinations as steep as one in sir," sometimes onc in four, and in one case, for a distance of 300 feet, one in three ; while those on the northern and southern divisions, as far as completed, have been reduced,-the former gencrally to one in fourteen, and in a feiv cases to one in ten, -the latter gencrally to one in tirenty, and in some cases to one in fourteen.

It is easier, therefore, to change the line and avoid the hills than to undertake the reduction of them to a corresponding inclination.

The progress made on this road during the past year, under Mr. Rosa's superintendonce, is as follows :-

## Northern Division.

Five miles of road completed under contracts. A truss-bridge of three spans of 50 feet each constructed over the River Métis-measuring in all 271 feet in length. Some portions of the old road repaired.

With the exception of two seetions of about"scven arpents each, all the work given out by contract on this dirision has been completed. These sections, however, only require a little more crowning of the roidway, for which a sufficient drawback has been retained to finish them in the spring.

The total length of new road now completed on this division is about $25 \frac{3}{4}$ miles, learing only 74 miles to be made through the forest and one bridge to be constructed over the River Blanche, to make the connection between the St. Lawrence and Lake Metapedia: The completion of these $7^{\frac{3}{4}}$ miles of road will be a great bencfit to travellers, as this part of the old Kempt road, which they are now obliged to use, is very hilly and rough.

## Southern Division.

There have been completed under contract this year a truss-bridge over the Assemetquagan; a bridge of round oedar-logs over the Three Islands Gulch, and 57 sections, -making in all $15 \frac{1}{2}$ miles of road.

There still remain to be completed 34 sections, of an aggregate length of 88 miles, which were placed under contract. Of thanse, 16 sections have been abandoned by the contractors, seven of which have since been sien out to others, and the remaining vinc will have to be finished next year, at an advance uron the original contract prico.

This division, even in its present unfinished state, is passable throughout, and has been used"this year by the mail-carriers and by all travellers in preference to the old road.

> Central Division.

This consists at present of the old Kempt road, on which it has been necessary to make certain repairs in order to keep up the communication. Two bridges of round cedar logs, put under contract last year, have been completed, those across the Metapedia and Causapscal repaired, and many parts of the road cleared of underbrush and otherwise improved.

The total expenditure this year has been $\$ 36,449.86$.
The amount required to complete this road and to pay balances due on existing contracts, according to the estimate of the superintendert in charge, is as follows :-

Northern Division-332 miles.
 ing other portions made by days' labour

| Central Division-27t mills. |  |
| :---: | :---: |
| Constructing 27 m milcs of road at $\$ 1100$ a mile.......... $\$ 27,25000$ |  |
| A truss-bridge orer the River St. Pi | 2,000 00 |
| Ditto, over the River Metapedia | 3,500 00 |
| Southern Division-38 miles. |  |
| Balanco due on existing contracts ......................... \$ 3,305 05 |  |
| Probable amount required to complete the remaining lots |  |
|  |  |
| A bridge over the River Causapsenl......................... 3, Mahing hand-rialing, culverts; widening and repairing |  |
|  |  |
| road made in 1858-9-130-61... .... .................. 6,00000 |  |
| Total amount required to complete, including superin- |  |
|  | 857,166 |

The excess of this over the former cstimates subinitted by this Department in its previous annual reports, is accounted for as follows:-

First.-As rugards the works undertaken on the northern and southera divisions, a better class of road has been constructed since the time when it was considered expedient to render it available as a military road, for which purpose it has been made wider, with easier grades and stronger bridges than contemplated by the first specification.

Setondli/-As regards the central, and certain untinished portions of the northeru division, it was originally intended to make use of the oli Kempt road, without change of liue ; but the superintendent has now provided in his cstimate for making a new road on these portions also, on the same scale as the rest, but on an entirely new location, so as to avoid the hills which render the old line incapable of improvement if the same specification is to rule.

Upon the inexpediency of attempting the anclivation of the old road and making use of it to complete the conncetion, the undersigued submits the special report of the superintendent; given in Appendix G.

From this report it appears that, owing to its unfavorable location, the old road is impracticable as a military road, from the fact that many of the hills on it are very steep, having some inclinations of one in four, and the others rauging generally from one in six to one in eight; while to clear it out to the proper width, build the bridges, and make such improvenents as it admits of, would cose $\$ 17,26^{2}$, which is more than half the estimate for the better class of road; and still, with all this expenditure, it would be inferior to the other divisions, and the money spent on it would be wasted.

## Gaspe roads.

No work has been perfornicd on any of these roads by this Department during the past year. The sum of 5219.15 , taken out of the generai appropriation of 1562 for roads in Lower Canida, was paid to one of the cuntractors, being the balance due him for work performed in 1862.

NORTR SHORE ROADS.
As no moncy was voted for any of these roads last year, the works were nut resumed, and there has been no expenditure, except $\$ 21$ for a survey on the Escoumatius road, which was paid for out of the same appropriation as above.

## PROVINCLAI STEAMERS.

These ressels are four in number." Threc of then, the "Quen Vicioria," "Napoleon JIL," and "Larly Blad," are iron screw-steareers, and the other, the "Advance", is a wooden side-paddle steamer.

They have all, with one exception, been omployed during the past year in the same service as before, that is to say, in visiting and delivering supplies to the light-houses and
depots on the river and Gulf of St. Lawrence, and attending to the buoys and beacons. under the charge of the Trinity House of Quebec; ; in the anual examinations of the chanoels by officers of the Trinity House and apprenticed pilots, as required by thic Statute ; in the E'ostal Service to the lower ports; in towing for the trade, and relieving vessels in distress. But the ase of any of these stemmers for the protection of the Fisheries was superseded by the employment of the Provincinl sehooner "Lact Caniadienic." "This vessel, which was wrecked in 1501 at Point Caribou, on the Norilh Shore, was brought back to Qucbee, and repaired and refited by this Departuent in time to perform the serviec for the fisheries in 186\%.

The particalar service rendered by each of these steamers is as follows :-The "Lucty Head," carrying the mails, passongers, and freight to Pictou, Nova Scotia, and the iutermediate ports in Camada and New Brunswick, eommenced her first trip on the 6th May, and continued regularly iu the service until'slic broke her shaft on her eighth trip, while on her way to Pietou, thirty miles below Shediac. She writs" brought back to Quebec by the "Napoleon"" and there laid up for the remainder of the season. A new shaft"and serew were fitted in this vessel in time to permit her to go into winter-quarters on the 30th November, in the floating dock at Palais Hirbour.

The "Victoria," after groing into Gilmour"s dock" to receive a new serew, a spare one being on hand, was made ready for scrvice on the 19th May. On the l2th Junc, she was sent to Pictou in the service of the military authoritios, with a detachment of Her Majesty's troops: and, on the 25 th of the sume month, was despatched to the assistance of the shipwrecked passengers and crew of the Canadian Royal Mail stemuer "Noruegien,", lost on St. Paul's islaud. On the Sth September she took the place of the " Lecty Fifail," and performed the postal service to the lower ports for the remainder of the scason: "The 'whole number of trips made in 1863, notwithstandiug the break-down of the "Lady Hecid," was fourtcen, the same as in preceding years.

The "Napoteon III" "was ready at her wharf on the 5th May for towing vessels for the trade. She left early in June, in the service of the Trinity Honse, for the light-hotses and depots along the river and Gulf, down to the Straits of Belle-Isle taking with her several passengers for the salmon fisheries on the Rivers Godbout,"Moisie, and Mingan, returning to Qucbec on the 12th July. She remaince from that time until the the August in the service of the trade, when she was again despatehed on the Trinity House service, to visit and provision the light-houses on the St. Jawrence between Quebec and Father Point. On the 14th September, she started on her third trip in connection with that service, taking down the autuma supplies to the light-houses and dopots on the river and gulf. She retarned on the 3rd October, and remained from that time at lhe disposal of the trade, towing vessels, antil the 19th November, when she was sent to convey to Anticosti the light-house kecper appointed in place of Mr. Ballantine, deceased, and to bring back the family of the latter. She was placed in winter-quarters in Blais' booms on the 30th November.

The "Aiuvence."-It was cousiderè necessary to make very extensive repairs to the hull of this vessel, and to procure her a ace boiler, causing an expenditure of \$12,132.93, which is charged to the service of the I'rovincial stcamers. These repairs were completed by the 6th August, wheu this ressel was placed at the serviee of the Trinity House, and made, during that month, the customary annual trip to the pilot ground in the lower part of the rivor, with the officers of the Trinity House and the apprenticed pilots, for the examination of the chanucls, as required by larr. After having towed some ressels for the trade, she was cmploged at the close of the navigation in taking up the buogs in the upper and lower parts of the river, and in bringing up the floatiug light-ship from the Traverse; and; finally, on the lst December, went into winter-quarters at Blais' booms.

In the Appendix A, No. 4, the expenditure charged to the Proviocial stcaucrs for 1863 is stated to be $\$ 42,898.08$; but in this sum are included the extraordinary repuirs to the "Advance" and "La Cuncdieme;", the former amounting almost to reconstruction, and the latter being properly chargeable against the service of the fisheries. Deducting these heayy items, it will be observed that the services rendered by these vessels have actually cost less in 1863 than in any former year. The position of this account will be better understood by refercnce to the statement of it given in Appendix K, according to which
the amount expended for outfit, fuel, running-expenses and repairs was... 859,36539and the amount of revenue therefrom in 1863, paid to the ReceiverGencral, was35,631 87
leaving as the net cost of these services. ..... \$23,733 52

Although this presents a favorable view of last year's management, it is still desirable to discontinue the running of ressels on Government account for the bencfit of the narigation, so soon as the trade can safely be left to take care of itsclf.

The authority of Your Excellency havingbeen obtained, on the 13th October last, to sell the "Qucen" Trictoria" and "Napoleon" III,", public notice was given, inviting tenders for them up to the 23 rd Noveraber last. Upon this notice eighteen tenders were received, but as they were all either too low or unsatisfactory as regards the mode of payment proposed, none could be accepted; and another notice has been issued, again inviting tenders, and fixing the lst March next as the time for receiving them.

## HARBOURS OF REFUGE.

## CHANTRE ISLAND-LAKE HURON.

The Breakwater Pier at Chantry Island, off the port of Southampton, was constructed by this department in 1858 , at a cost of $\$ 29,208$, and, in connection with the light-house on that island, is of great advantage to the general trade of this lake, "ss well as to that of this port in particular.

It extends from the north-cast end of the island in a direction towards the main land, and under its lee vessels find shelter and good anchorage; but, from a desire to run it out as far as possible with the funds appropriated, it was not raised sufficiently high in the first irstance to prevent the sea breaking over it and doing injury to the works.

The pier was examined by the chicf on rineer in the cuonth of. July last, and was found to be considerably damaged by the action of the waves and of ice. The covering planks were loose and liable to be torn off; a part of the island had been washed away some years previously, and there was then an opening of 120 feet between it and the end of the pier.

On bis report and recommendation, such repairs as were indispensable for the safety and preservation of the works were proceeded with, and completed by contract last autumn, at a cost of $\$ 442.50$, and charged to the appropriation of last year.

Under the authority of the same appropriation, "the other works for raising the pier and conuecting it with the island will be put under contract in the ensuing spring.

## LANDING PIERS BELOW QUEBEC.

## RIMOUSKI PTER:

The works designed for the protection of this pier and placed under, control in October, 1862 , and on which some progress was made in that year, were resumed last spring by the contractor, and completed by the cud of the scason.

They consist of an additional width of 15 feet of crib-work, extending for a distance of 255 fect from the outer end of the pier along its castern face, and the levelling op of the sunken portion of the old pier to one uniform leight.

The expenditure in 1863 , including the cost of superintendence, was $\$ 5,161.77$, which amount his beeu charged to the appropriation, 24 Vic., cap. 1, for repairs of existing works.

## pIER AT E'TSLET.

The repairs begun at this pier in $1 \$ 62$, being such as were essential to the protection of this important work, were completed last ycar at a cost of $\$ 4 S 6.87$, which sum has been charged to the same appropriation as above.

In regard to these piers generally, it is highly important that sone measures should soon be adon ed for their future care and maintenance. The seven landing piers were constructed between nine and ten ycars sincc, at an onthy of $\$ 68$, 6.1 .0 corconstraction, and $\$ 21,013.54$ for repairs up to the present time.

From natural decay and exposure to the grinding offects of the ice, they are all beginning, as might be expected, to demand an annual outlay for repairs. Hitherto these repairs have been borne by the Government, without recciviug in return any revenue from the works, which are of so much importance to the consting trade as well as to the parishes for whose benefit they were constructed. If they are to remain as a permanent charge on the Government, it is necessary that a person should be appointed at each pier to take care of it and keep it in repair; that regulations should be adopted for the proper using of them; and that tolls sliould be levied on all vessels touching, and on all property landed or shipped at those piers; the tolls to be regulated so as to be sufficient to pay the cost of management and repairs, and thus preserve this valuable property from deterioration, and maintain it for the benefit of the trade on the Lower St. Lawrence.

With a view of ascertaining their present condition, a survey of all these piers was made last summer by one of the engincers of this department, from which it appears that, in addition to the sums already spent, a fartier outlay will be required on each to put them in' good order, as follows:-

> Eboulements, north shore
> 834550
> Malbaie, north shore.
> 28103
> Berthier, 'south shorc.................. .................................... 40320
> L'Tslet do ......... ........................................... 58305
> Rivière Ouclle do ....................................................... 15166
> Rividre du Loup do ..... ............................................... 57224
> Rimouski do .................................................... 67412

## Total estimated cost of repairs

$\$ 3,01080$
The repairs called for consist chiely of replacing iron straps, fenders, sheeting, and planking torn from the sides and conds of the piers and slips by the action of the ice and of vessels made fast to them. In all other respects, the engincer reports the piers to be generally in good order, and remarks that " their prosent condition shows that nothing has been "expended on them" hitherto but what was essential to render them substantial and dur"able, and that the work formerly done has been well doric in its most important parts." Wis report on the state of these piers, omitting the details of the estimates, is given in Appendic 3.

## OFFIOLAL ARBITRATORS.

It became necessary to rofer five new claims to the Oficial Arbitrators last year. Thrce cases were still pending from the previous year. To investigate into these eight claims, the Arbitrators held three mectiugs in Quebec and tro in Montrcal, the proceedings before then having occupied forty-five. days.

On the claims submitted four awards were made, amounting in all to $\$ 6,027.50$; one claim was withdrawn, and three are still pending. For thi partieulars in relation to these claims, see the detailed statemient, Appendix I, furnished by the Secretary.

Two of the awards made by the Arbitrators-one in 1861, and the other in 1862were appealed from ; but both were confirmed by the judgment of the Stuperior Court:

The amount paid in alvards in 1863, inctuding some made in former years, wis.
$\$ 10,97267$
The pay and expenses of the Arbitrators and Secretary, printing, stationery, and office experises, amount to

4,991 53
Law costs, witnesses, dc
3,882 23
Total, agrecing with Statement No. 4
\$19,846:43

## PUBLIC BUILDINGS.

The amount expended during the past ycar in the construction, repairs, and maintenance of the several public buildings under the charge of this department, is given in detail in the Statement No. 3 of Appendix A of this report In further explanation of thiss the following remarks are added -

Spencer Wood.-The expenditure on this property was chiefly for the completion and fitting up of the residence in a suitable manner, and for the clearing-up and improvement of the grounds.

It comprchends the balance due on the contract, the protection of the external walls by clap-boarding; the inside painting, papering, bell-hanging, and plumbers' work; the construction of a conservatory; the painting and glazing of the out-offices; the repairs of fences and barracks; the planting of trees, and putting the grounds in proper order.

The payments for ronts, repairs and maintenance of public buildings amount to $\$ 34,802.67$. Of this sum there have been paid $\$ 14,674$ for the rents of the sercral buildings in Quebec now occupied by the Dopartments of the Civil Government, and $\$ 1,536.95$ for repairs to the masonry of the old Custom-house at Quebec; the balance is for the ordinary repairs aud maintenance of these and the other buildings in Quebec, Montreal, and Toronto, the property of the Government.

Of the public buildings throughout the Province, it is only necessary to state generally that there was expended on the Marine Hospital at Quebec the sum of $\$ 1,641.32$ for internal repairs, plastering, and painting, and for repairing the roof. On the Court House at Quebec, $\$ 120$ for repairing the boundary wall. On the Court House at Montreal, $\$ 525$ for insurance, and $\$ 21.29$ for putting up a stove in the Registrar's Office; and on the Post Office at London, $\$ 358$ for internal fittings.

COURT-HOUSE AND JAIL, SAULT STE. MARIE.
As the amount voted for the erecolon of a Court-house and Jail for the Dictrict of Algoma falls short of the estimated cost of the buildings, if constructed according to the plan prepared for them by the architect of this Department to meet the requirements of the lioard of Prison Inspectors, it is necessary that another plan, falling within the limits of the vote, should be prepared and submitted for the approval of that Board, before the works can be proceeded with.

The appropriation of last year was................... ..................... $\$ 8,000$
The balance of former appropriations............................... 3,230
Total amount available...................................................... $\$ 11,230$
The estimated cost of a stone building on the plan above referred to, including cost of drainage, water-supply, and a jail-yard enclosure, was $\$ 17,800$.

Another plan, conformable to the present conditions, is now in course of preparation, to secure, if possible, the erection of suitable buildings for the amount appropriated.

## NEW DISTRICT COURT HOUSES AND JAILS, I.C.

There has been paid out, during ihe past year, the sum of $\$ 861.20$ for various incidental expenses connected with those buildings, including balances due on contracts and some minor works required for their completion or repair.

At the Court-house at Malbaie, it was found necessary to construct a retaining-wharf for the protection of the building, and to fence in the grounds. For these purposes the expenditure of $\$ 1140$ was sanctioned by Your Excellency on the 6 th October last, and the works are now in progress.

## Adilitional Worlis Required.

The thirteen Court-houses aud Jails which were erected by this Department for the judicial districts in Lower Canada, under the authority of the Aet 20 Vic., cap. 44, and duly handed over to the local authorities in the years 1861 and 1862, have since been examined officially by the Prison Inspectors; and in their reports they recommend the following additional works as indispensably necessary at every place:

The enclosure of the jail-yard, for the use and safe keeping of the prisoners, by a high stone wall. (This was referred to and recommended in the last annual report, but no provision has yet been made for it);

The erection of porches at the entrance-doors, wood-sheds, and outside privies.
The cost of these several works for each district is estimated at $\$ 1,718$, and for the thirteen districts the total outlay required to carry out the recommendations of the Inspectors will be $\$ 22,334$.

## NEW JAII, QUEDEC.

This building, which, according to the contract, should hare been fully completed by the 1st November, 1862, is still in an unfinished state.

The works were resumed at the beginning of the last season by the contractors' securities, and have since been prosecuted by them in a satisfactory manner. Although they were obliged to take down and rebuild a large portion of the outer walls and of interior brick-work which had been damaged by ex posure to the winter frosts and rains, they have completed the masonry and brick-work, got the building roofed in and enclosed, and performed a large share of the interior finishing. The works were suspended on the lst January last, but will be resumed shortly. With proper exertion they can be completed by the 1st June next.

As the building was not covered in until late last autumn, the brick vaultiog of the cells and corridors became saturated by the fall rains ; and for the protection of the building during winter, it was necessary that this brick work should not be allowed to freeze. To guard against this, the contractors were called upon to heat the building during the winter, as obliged by the contract ; but, having refused to do so, this expense has, for the present, to be borne by this Department. It is cstimated to cost $\$ 1,000$, in addition to $\$ 578$ paid for stoves and pipes, which, under any circumstances, would have to be provided, to heat the building when finished.

Mr. P. Gauvreau, of this Department, who has, since May last; succeeded to Mr. Baillarge in the superintendence of this work, has furnished a report on the present position of the contract and additional works, from which the following statement is derived :
1.-Works Authorized and in Progress.


The estimated cost of the works remaining to be done, to complete the building at the contrict schedule rate, is $\$ 5,428$.

> 2.-Amount Expended.

Paid to the contractors.
. $\$ 77,65796$
Paid for plans, superintendence, and contingencies
8,909 97
Total..............................................\$86,567 93

## 3.-Additional Works Required.

It will be necessary to have the water laid on from the city water-works for the service of this prison, the cost of which is estimated at $\$ 1,000$. The lighting of it, either with gas or coal oil, has also engaged the attention of this department, but no decision on this subject has yet been arrived at.

To meet the requirements of the Board of Prison Inspectors, and enable them to carry out their views in reference to prison discipline, it will be necessary, before this jail can be used, that it should be enclosed by a high stone wall, and that this enclosure should be divided off into separate yards for males and females.

About twenty acres of the Bonner property have been reserved for the use of this prison, to afford space for carrying on the various mechanical trades in which the prisoners may be usefully employed. This reserve will have to be enclosed by a rubble-stone wall,
and a road made and mantaned all around it , bat his is not immediately necessary. It will be sufficient for present purposes to provide for the interior walls, cnclosing a space of about 4 acres, including the jail as now built and the projected extension of the southern and western wings. This wall, 18 feet in height, is cstimated to cost $\$ 10,400$. Its immediate construction is necessary, to afford the mems of puiting in operation, this ycar, the system of management and classification recommerded by the Inspectors.

If this were done, it would seem quite pricticable, with a properly-organized system of prison labor, to perform all the works remaining to complete the jail and its enclosure according to the original dosign, and thus provide, at the least possible expense, double the amount of accommodation afforded by the building as it now stands.

The works which might bo accouplished in this manner by prison labor, and which might be prosecuted from year to year at a moderate outlay, consist of those referred to in this and former reports, which have been estimated to cost, if performed by contract, as follows :-

Total, if done by contract.. ................................... ...................... $\$ 88,800$
It may be remarked that all the rubble-stone required for these works can be quarried on the spot, by the prisoners themsclves, within the limits of the rescrve set apart for the use of this prison.

## KAMOURASLA JAIL.

Under the authonity of the appropriation by the Legislature, in its last session, of $\$ 8,000$ for repairing this building, which was partially destroycl by fire in Deceniber, 1862 , the works required for its restoration were put under contract wn the list December last, and are now in progress. It is expected that they will be completed by the Ist May neat; as required by the coutract.

## IMMIGRATION SERVTCE.

On the recommendation of the Honorable the Minister of Agriculture, approved by Your Excelleacy on the 12th March last, a shed has been erceted on the wharf at the old Custom-house, for the use of immigrants arriving in this city, in place of the one at the India wharf, which had been given up; and on the further recommendation of the Parliamentary Compittec on Immigratiou and Colonization, with the same approval, a landing slip has been constructed, and the wharf repaired and cuclosed by a hand-railing as a security against accident. Offices have been fitted up for the Emigrant Agent, in the old Custom-house, and water lud on for the use of imnigrants. The cost of these improvements was $32,247.45$.

There has also been expended the further sum of St,032.50 for the general repais of the wharf and buildings at the Grosse Islestation; making the whole outlay on this service $\$ 3,279.95$, as entered in Statement No. 4 of Appendix $\Lambda$.

## PUBLIC BUILDINGS, OTTAWA.

The report of the Commission of euquiry into matters connected with these buildings having been submitted in the latter cnd of Janary, 1863, authority of Council was shortly ifterwards granted for the resumption of the works upon the basis therein recommended.

As the original-contractors had delivered and prepared il large quantity of materials, and were fully provided with the necessary plant before the suspension of the works in 1861, it was deemed advisable to offer them the completion of the buildings, upon the terms set forth in the report above referred to.

This offer having been accepted by them (after certain preliminary arrangements were made), contracts in accordance therewith were entered into on the 18th April, 1863. Early in the following month, work commenced on all the buildings, and was vigorously proceeded with until the winter set in, when it became necessary to confine operations to
the interior, and to the preparation of materials for acxt scason's use. This is now being expeditiously proceedcd; with.

The progress made during the past ycar is strikingly manifest by the present imposing appearance of the buidings; and an idea of what will be their ultimate arehitectural effect has been largely developed.

They form three sides of a quadrangle, containing an area of nearly ten acres; and are situated upon a rocky point rising about 160 fect above the level of the Ottawa, which flows at its base.

This elevation commands an uninterrupted view of the river, the city and the surrounding country; thus eubancing the suitableness of the site, which is, in otner respects, an advantageous one.

Entering the square from Wellington Street (its southern boundary), the east and west sides are flanked by the Departmental Blocks; and the north side is formed by the princit pal front of the Parliament Buildings.

Even in the present unfinished state of the works, it will be secn that the quadrangle faces of the blocks are sufficiently diversified in outline to avoid the monotony which such au extent of similar style might be supposed to entail; whilst the more regular horizontal lines, aud the grand contral tower of the Parliament Building, form a pleasing contrast to all the rest, producing a combined effect of grandeur and harmony which, it is believed, cannot be surpassed by any other public buildings on this continent.

The main roofs of the Departmental Blocks are completed and slated throughout. The roof of the principal front of the Parliament Buildings is also put on, and that part of it west of the main tower' slated.

The roofs of the Legislative chambers and library have not yet been commenced; the latter portion of the building remaining nearly as it was when the works were suspended.

The towers of the Departmental Blocks have gencrally been carricd above the level of the roofs, and then temporarily covered in, it having been decided to direct all efforts, after the resumption of the works, to prepare them for occupation at as early a date as possible; for which purpose the completion of the towers was, of course, not of pressing necessity.

In the Parliament Buildings, the front angle towers are carried up full height, and the western ones roofed; whilst the central tower stands a considerable height above the main cornice. The Speaker's towers have also becn carnied up and covered in.

The windows are in place, and glazed; and it will thus be seen that the exterior fronts of the buildings present a finished appearance, with the cxception of the portions above named.

The principal works which have been proceeded with on the Parliament Buildinys, in addition to those above-mentioned, are as follows, viz:-

The Basements have been prepared for the floors; the air-ducts covered with flagging, the hot-air and steam-vaulis completed, and the ccilings, \&c., made ready for plastering.

The division walls in the outer portion of the Library have been carried up to the height of the basement; and the iron joists and concrete floors laid over them.

The Boiler-house has been paved; and the ducts covered with flagging-the division walls and arches under the fuel tram-way, and the side walls above it have been carried up full height; the necessary iron joists and concrete laid-and the building roofed-stairs constructed, and the side walls carried up to receive the roof of the main building.

Ground foor. The iron joists and concrete floors have been laid in the corridor, marble pillars placed, and arches constructed in Members lobbies-interior side and end walls of both chambers carried up-marble piasters placed, and cornice laid around galleries; and walls of legislative chamber carried up to height of roof.

First floor. All the interior walls have been carvicd up to full height; and the inon joists and concrete fivors laid throughout. The interior walls are carried up, and the cornice laid on the flanks and rear of the buildings. About 20 of the chimney-tops are completed, and the others carried up above the roof.

During the season, about 4200 cubic yards of masony were buit-nearly three millims. of bricks laid-about 2500 cubic yards of concrete laid-upwards of 165 tons of iron floor joists placed-and over 30 tons of lead used on the flats of the roofs and for other purposes.

On the Deparlmental Buildings, progress has been made on the following works in addition to those referred to above, viz:

Levelling up and laying concrete floors-paving boiler-house and fuel-rooms-completing air and steam-vaults-covering ducts and carrying up division-malls-laying concrete floors in the first and part of the second stories-plastering and finishing the basements and part of the first stories.

During the season about 4500 cubic yards of masonry were built, fully one million of bricks laid, and over 2760 cubic yards of concrete.

Considerable inconvenience has been experienced by the non-irriral of the iron joists from England for part of the upper floors and ceilings of these buildings, and for the boiler-houses. Steps have, however, been taken to ensure their delivery carly next spring.

The various works connected with the system of heating and ventilation have also been carried on as expeditiously as circumstances would permit.

The amount paid during the past year has been as follows, viz:-
Paid to contractor, Parliament Buildings............................. $\$ 120,72588$
Do do Departmental Buildings........................... 101, 00003
Do do for heating and ventilation..... ................. 5,563 81
Superintendence and contingencies.................................... 20,257 96
Total........... .......... .............. $\$ 248,34768$
All of which is respectfully submitted.
M. LAERAMBOISE, Comimissioner of Public Works.

Departient of Public Works, Quebec, 18th February, 1864.

## APPENDIX A.

No. 1.
STATEMENT of the several Forks under the charge of this Department which are in use and yield revenue, shewing, under different heads, the expenditure on construction and the amount paid for land damages during the year 1863, the total cost of construction under this Department to the 1st Janaary, 1864, and the cost of repairs and management during the year 1863.

| NAME OF WORK. | Expendituro on construction during the year 1863. | Amount paid for damages in 1563. | Total expenditure on construction to 1st Jan'y, 1864. | Cost of repairs and management for 1863 |
| :---: | :---: | :---: | :---: | :---: |
| Wolland Can | $4 \stackrel{S}{S} \text { cts. }$ | S cts. $181 \quad 12$ | $\begin{aligned} & \$ \text { cts. } \\ & 4766\{60 \% \end{aligned}$ | $\begin{aligned} & \text { \$cts. } \\ & 5624800 \end{aligned}$ |
| St. Lawrence Canals, viz : |  |  | , |  |
| Lachine | 10.11498 |  | 211690258 | 2099924 |
| Boauharnoi |  | 514300 | 159740381 | 1497064 |
| Cornwall. | 462 S7 |  | 46715070 | 1217935 |
| Williamsburg................... ................... |  |  | 1089739 93 | 986456 |
| Junction |  |  | 23079611 |  |
| New Lock Gate | 1698500 |  | 3983022 | .................... |
| General expendi | 10725 |  | 7483520 | .................... |
| Chambly Canal......................... ........ |  | 11. $\quad 36775$ | $6977+51$ | 1445312 |
| St. Ours' Lock...................................... |  |  | $12313{ }^{4} 65$ | 321940 |
| Ste. Anne's Lock ................................... |  |  | 11459649 | 54334 |
| Burlington Bay Canal........... ................. |  |  | 29104442 |  |
| Slides, |  |  | , |  |
| Ottawa...... | SS50 00 | 52000 | c99151 51 | 15786 |
| St. Maurice. |  |  | 25788048 | 839990 |
| Trent, securing dam |  |  | 23S0 34 | $\bigcirc 20000$ |
| Saguenay. | 345067 |  | 44470.41. | OSS 40 |
| Port Stanley Harbcur. | 115440 |  | 230531 SS |  |
| Onion Suspension Bridge, reconstruction..... |  |  | 520660 |  |
| Tot | 8521517 | 621187 | 12,221,383 61 | 15755290 |

No. 2.
STATEMENT of Public Works under the charge of this Department, incomplete and, as yet, unproductive, but on which tolls are to be levied as soon as they are available; shewing the expenditure thereon in 1863, on construction, the total expenditure on construction up to the ist January, 1864, and the cost repairs and management during the year 1863.


## No. 3.

STATEMENT of the sevcral Public Works and buildings in coursc of construction under the charge of this Department, yielding no direct revenue, but in use for the public service, and authorized by Legislative appropriations; shewing the amount expended thercon during the year 1863, and the total outlay upon them up to the 1st January, 1864; also, the amount expended in repairs and maintenance for the same period.

| WORES. | $\begin{gathered} \text { Total, cutlay } \\ \text { up to ist } \\ \text { January, } 1863 . \end{gathered}$ | Exponditure during 1863. | $\begin{gathered} \text { Total outlay } \\ \text { up to 1.st } \\ \text { January, } 1864 . \end{gathered}$ |
| :---: | :---: | :---: | :---: |
|  | \$ cts. | \$ cts. | \$ |
| Parliament Buildings, repairs, Toronto Goveriment House.......... do |  |  | 27481505 |
| Custom Hoase...................... do .. |  |  | 5104 Is |
| Poat Offioe................ ........ do |  |  | 2506607 |
| Observatory ..................... du ............ .............. |  |  | 1358465 |
| Female Lunatic Asylum........ do ................. ......... |  |  | 2966 S3 |
| Osgoode Hall.................... do .................. ........ |  |  | 15930 |
| Gun Sheds.. ................... do .......................... |  |  | $3678{ }^{23}$ |
| Barracks, repairs............... do .......................... |  |  | 65762 |
| Hailway Inspeetor's Office.... do .......................... |  |  | 52562 |
| Mechanice' Institute, completing Building..................... do |  |  | 1600000 |
| Castom House.....................Wamilton |  |  | 4655761 |
| Fost Offec........................ do |  |  | 5262542 |
| Gun Sbeds........ ............... - do |  |  | 55666 |
| Post 0ffice....................... Londou | 3945451 | 35800 | 39812 51. |
| Custom House...................Kingston |  |  | 4501024 |
| Post Office..... .................. do .......................... |  |  | 3964712 |
| Tanatic Asylun and Guoli.... do |  |  | 429392 |
| Court Ilouse and Gaol.......... Algoma |  |  | 76979 |
| Yablie Muildings................ Ottarma.......................... | 110608373 | 248347 OS | 135443141 |
| CourtHousc..................... Montreal :.......................... | 130687713 | 55829 | 307433.42 |
| Do extrnordinary repairs, do .......................... |  |  | 26375.93 |
| Custom House, repairs,........ do .......................... |  |  | 125763 |
| Gnol, do .. ${ }^{\text {a }}$. ${ }^{\text {a }}$ dn ........................... |  |  | 206745 |
| Fost 0fficc........................ do |  |  | 3087.97 |
| Normal School................... do | 9054 49 | 2000 | 910449 |
| Armoury....................... do do....... ................ |  |  | 55668 |
| Irarine Hospital................ Quebee S................. ........ Custom Hous............... | 9549.1488 | 164132 | 9713600 |
| Custom Houso................... ${ }_{\text {Gun Sheds.......... }{ }^{\text {do }} \text { do }}^{\text {do }}$ |  |  |  |
| Gun Sheds.............. .......... do do Court House.................. do | 1271-69 | 12000 | $\begin{aligned} & 4545 \\ & 42 \\ & 139169 \end{aligned}$ |
| Post Office ind Parliamentary |  |  |  |
| Buildings..................... do ........................... |  |  | 59891 1. |
| Do suditions thoreto.. do |  |  | 1623.5 |
| Speneer Wood, repairs ....... do .......................... |  |  | 429235 |
| Do reconstruction...... . do .......................... | 1426376 | 1375195 | 28015 |
| Governor Gencral's Resilenct, |  |  |  |
| in cousegucuce of fire at |  |  |  |
| Spencer Wond in 1861....... do |  |  | 999167 |
| Onservatory, repuirs............ do |  |  | 31877 |
| Nirmal School................. do |  |  | 71810 |
| (caol, repairs ............ .......... do |  |  |  |
| New Gaol $\qquad$ cacols and Court Frouses, C.E | 7338137 | 91.8656 | ${ }_{35441} 8654$ |
| thals and Court Ifouses, C.E., 20 Vic., el. 4.4 | 48306304 | 86120 | 43892424 |
| Csurt |  |  |  |
| St. Johns. |  | 15800 | 158.00 |
| Aylmer ... |  |  | 52363 |
| Sherbrooke |  |  | 361400 |
| Three Rircrs. |  |  | 409662 |
| Et. Hracidt |  |  | 54142 |
| hameuraska. | 1191870 | 70050 | 1261920 |
| Perce |  |  | 343 |
| Car |  | 113.12 | 12 |
|  |  |  |  |

## No. 3.-Statement of the several Public Works, \&c.-(Continued.)



No. 4.
STATEMENT of expenditure on cortain Miscellaneons Services under this Department, during the year 1863.


## Department of Pubitc Worre, Febiuary, 1864.

J. BAINE,

Book-keeper.

No. 5.
STATEMENT of the expenditure incurred under this Department for the repairs and management of the. Ordnance Canals, for the year 1863.


## Department of Public Works, February, 1864.

## J. BAINE, Book-keeper.

No. 6.
A DETAILED Statement of the expenditure incurred in repairs and maintenance of Provincial Light Houses, for the year 1863, under this Department.


No. 6.-A Detailed Statement of the expenditure incurred in repairs and maintenance of Provincial Light Houses, \&c.-Continued.


## Department of Public Woris, February, 1864.

J. BAINE,<br>Book-keeper.

No. 7.
STATEMENT shewing the total amount expended under the Department of Public Works during the year 1863, as detailed in the foregoing Statements, numbered 1, 2, 3, 4, 5 and 6.

| STATEMENT. | Repairs and <br> Management | Construction. | Miscellaneous. | Total. |
| :---: | :---: | :---: | :---: | :---: |
|  | \$ cts. | - \$ cts. | \$ cts. | \$ cts. |
| No. 1. ................................................. | 15755290 | 9442704 |  | 25197994 |
| 2: ............................ ..................... | 55650 | - 436288 |  | 4919 3S |
| 3. .................................................. | 6945240 | . 34100009 |  | 41045249 |
| 4. |  |  | 7909451 | 7999451 |
| 5. | 3464121 | 308506 |  | 3772627 |
| 6. ...................................., ........... | - 36000 72 |  |  | 3600072 |
| Total | 29820373 | $442875 \cdot 07$ | 79994 51 | 821073 32 |

## Departuent of Poblic Woris, February, 1864.

APPENDIX B .<br>Welland Canal Office,<br>St. Catharines, December 19th, 1863.

SIR,-I have the honor to submit my annual report on the works under my charge, in compliance with your lcter to that effect to me; No. 47,922 ; of the 4 th instant:

It having been announced that the canal would be open on the 13th April, it was foubd necessary, owing to the firm state of the ice, to break a channel"by means of an iee-breajer, in order to allow vessels to pass through on that day, which must otherwise have been detained some days.

There have been three interruptions in the uavigation this year, causing a delay of about four days:. The first occurred on the 8th July, by the steamer "Bristol", breaking a gat at lock No. 21 ; on the 16 th September, the four gates at lock No: 23 were carricd away by the propeller "Vermont," and on the 14th "November, one of the upper" gates of lock No: 2 was destroyed by the schooiner "Selkirk." The cost of making these repairs was promptly paid. The navigation has otherwise been efficiently maidtained throughout the season.

The canal was closed by frost on the 10 th December. The weather subsequently moderating, a channel was opened on the 12 th , by means of the icc-breaker, to pass a steawer through, which had been detained from reaching the canal by adverse weather. It may be considered as closed on the 13th December, on which day the last boat passed through, making 244 days of navigation for the season, inclusive of interruption.

## repairs and managenent.

The repairs of the sill of the lock at Port Robinson were attended with considerable trouble, in consequence of great leakage; but this was finally overcome, and the repairs properly effected:

The repairs authorized upon the other works of the canal, so far as practicable, were completed before the opening of navigation. During the season; the principal attention has been in the maintenance of the rorks and repairs of casualties.

The staunching at the Dunnville dam, alluded to in my last report, has been fully tested this year, and the result is highly satisfactory; with more than ordinary drought, the level of the canal has been much better maintained than hitherto.

## WORE OF CONSTRUOTION.

This work comprises the enlargement of the canal above Allanburgh and consists of the deepening and widening of it, to admit the water of Lake Erie as the summit level. The progress made is much more satisfactory than hitherto. At the same rate, this work may be completed in two years. There will be rëquired an appropriation of $\$ 60$ ? 000 for carrying it on another year.

The necessity for the formation of a scicoud towing-path upon the Thorold level, between Hurst's and Marlatt's bridges', fully justifies my "again submitting it"for 'your favorable" consideration. "Its, estimated cost is $\$ 18,100$.

Repeated complaints have been made by millers, scowmen, and others, of the insuf ficiency of water in the channel leading from the lock at Port"Robinson to thie River Welland. "This clannel has "but seven feet depth at ordinary water level, "but when the water is low there is scarcely six fect. This depth does not adnitit of boats passing with a full load. The probable cost of sinking the channel to a sufficient depth;" say eighit feet at low water, will be about $\$ \geqslant 500$. This sum apears a small outlay, compared with the benefits which will be derived therefrom, as a large trade is carried on through it.

The enlargement of the harbor accommodation at Port Colborne is much called for. Large fleet of vessels are frequently detained in the harbor by head-winds, and as these winds are favorable for those vessels making the canal and the southern terminus of the Welland railway, the overcrowding of the harbor is sưchit that much delay and considerable damage frequently ensue. In the estimate a sum of $\$ 64,000$ is submitted for enlarging it and the pier work on its south-east-side.

I herewith submit Schedules No. 1 to 7 (inclusive), shewing the various expendi-
tures upon this work, the collections of the revenue for rents, lands sold, \&c., \&c.; and an approximate cost of maintenance another year.

Schedules Nos. 1 and 2 shew the estimated cost of the proposed works of construction, with the sereral appropriations made by the Legislature, and the expenditures thereon to 1st December, 1863 (not printed).

Schedule No. 3 gives the cost of the management and repairs of the canal this year. These expenditures are defrayed from the canal revenue.


The total cost for management and repairs is $\$ 5,002.22$ less than last year. Of the repairs $\$ 3,535.50$ have been levied against vessels for damaging the works of the canal.

Schedule No. 4 shews the water-powers and other propcrty leased on this canal, with the erections, \&c.

The annual reut for property and water-power leased is................. 89,03910
The anount collected in 1863 is ............................................. $\$ 9,01479$
The arrears remaining due to 1 st December, 1863, are ................. $\$ 5,44174$
Of the amount shewn as collected, $\$ 8,253.17$ (not printect)-were reccived by the paymaster. The residuc was received by the Department, viz: $\$ 309.12$ from Oldficld, and \$452.50 from Hendershot. A portion of the amount shewn as arrears cannot be enforced, from the reasons shewn in my last report (not printed).

Schedule No. 5 shews the land, ©c., disposed of, not being required for canal purposes. Of the sales there have becn paid $\$ 516.33$ this yoar, leaving in arrears $\$ 28,940.58$ for the sales of lands made to James R. Benson on behalf of the Welland Canal Loan Company and the municipality of the County of Welland The lands belonging to these - Corporations comprised valuable tracts, large portions of which have been disposed of by them, and from their sales there are annually falling due large amounts, no portion of which has been applied towards liquidating their debts; and as the arrears have been accumulating over a period of ten'years, during which time no payments have been made, it seems as though no moneys will be collected from these sales, unless enforced.

Schedule No. 6 gives a list of the vessels, tic., upon which ponalties have been enforced for committing breaches of the canal regulations. The several sums collected this year amount to $\$ 4,664.50$.

Schedule No. 7 gives an approximate estimate of the probable cost of making the ordinary canal repairs for the year 1861 , amounting to $\$ 17,500$ (not prinied).

Appended are statements shewing the revenue collected and the number of vessels passed through the canal for several years. There is a decrease of 905 vessels, and 165,865 . tons, from last year ; but in the tonnage of each vessel there is an increase of 6 per cent., while there is a decrease in the number of 18 per cent., compared with last year. In the tolls there is an apparent decrease of a triffe over 16 per ceat., in the amount collected last year. But of that collection on all shipments passing down the canal to Cauadian ports, 99 per cent. was refunded. It is, therefore, quite probable that the revenue of this year will:shew an increase over that of last.

> I have the honor to be, sir, Your obedient servant, (Signed;)

S. D. WOODRUFF, Superintendent.

'T. Trudeau, Esq.,<br>Secretary of Public Works, Quebec.

## WELLAND CANAI.

Table of its Revenue for the last four yens.

| PORT OF COLLECTION. | 1560. | $\cdots 1861$. | 1562. | 1863. |
| :---: | :---: | :---: | :---: | :---: |
| Colborne ....................................... | $\begin{gathered} \text { S cts. } \\ 116,03355 \end{gathered}$ | $\$ \text { cts }$ $174,47427$ | 205,061 ${ }^{\text {cts. }}$ | $\begin{gathered} \mathrm{S} \\ \mathbf{1 4 6 , 3 6 8} 62 \end{gathered}$ |
| Robinson. | 3,502 78 | - 4,775 37 | - 0,37306 | 4,852 04 |
| Maitland | 1,655 31 | 6,912 37 | 1,756 17 | \$71.77 |
| Dunnville. | '5,261 40 | 5,918 93 | 5,337 S1 | 3,323 90 |
| St. Catharin | 1,259 71 | 1,412 10 | 1,527 43 | 1,608 05 |
| Dalbousie. | 37,477 90 | 36,276 45 | 51,327 99 | 68,417 63 |
|  | \$165,220 65 | \$229,769 49 | \$271,384 27 | \$225,442 01 |
| Collected on rents. ........ .............................. | -7,686 97 | - 8,967 20 | -7,363 90 | 9,014, 79 |
| . ${ }^{\prime \prime}$ Do on lands, dec., sold............................. | 1,737 07 | 2500 | ............ | :51633 |
| (Do fines and damages.............. : .......... | 2,116 10 | 2,267 So | 573.00 | - 4,66450 |
| Total.: .................... | 8176,760 79 | \$241,029 49 | \$279,321 17 | \$239,637 63 |

## NUMBER OF SAILING VESSELS AND STEAMERS WHICH IIAVE PASSED THROUGH THE Canal during tee last ten years.

1854 ..... 3,690
1855 ..... 3,816
1856 ..... 3,885
1857 ..... 8,604
1858 ..... 3,726
1859 ..... 2,589
1860 ..... 3,744
1861 ..... 4,315
1862 ..... 4,899
1863 ..... 3,994
(a) Paid by trangmission from Department to Gas Compázy.
SCHEDULE No.
DULE No. 3.-Detailed Schedule of the gross amount of the monthly expenditure in the management and repairs of the
Canal, from 1st Dec., 1862, to 1st Dec., 1863 , (inclusive.)


WELLAND CANAL.
SCHEDULE No. 5.-Schedule of Lands on the Welland Canal sold to sundry persons, with the amount of Sales and Interest to 1 st Decomber, 1863, amount paid to 1st Dec., 1863, and the balance remaining due on the lst December, 1863.

(Signed,
(Signed;)
Welland Canal Ofrice,
St. Catherines, 19 th December, 1863.

## WELLAND CANAL.

SCHEDULE No. 6.-Statement shewing the amount of Fines and Damages levied, the amount paid to the 1st December, 1863, and the balance remaining due on the 1st December, 1863.


## WELLIAND CANAL.

SCHEDULE No. 6.-Statement shewing the amount of Fincs levied, \&e. -Continued.

(Signed,
(Signed,)
S. D. WOODRUFF, Superintendent Welland Canal.

THOMAS ADAMS, Paymaster and Clerk.

Welland Canal Office, St. Catherines, Dec. 19th, 1863.

## APPENDIX C.

Laciine Canal Office', Montreal, 31st December, 1863.

Snn,-In compliance with instructions of the 4th inst., I beg herewith to submit my Annual Report for 1863.

## beauharnots canal.

The water was shut out of this canal on the 15 th day of April, and such examinations and repairs mide as the limited time would admit of, preparatory to its being opened for the season, when the main canal and structures connected therewith were generally placed In good order. The water was again let in the canal on the 29 th day of A pril, and opened to the trade on the 2nd day of May, after which the navigation was maintained, with nine feet depth of water on the sills, until the 4th day of December, when it was closed by ice.

During the time the trade was only interrupted eighteen hours, when replacing the lower gates at lock No. 10, which were carried away by the propeller "Colonist," on the 16th day of May.

The banks, ditches, dykes, dams, and all other works, have been kept in an efficient state throughout the season.

The dyke through Hungry Bay continues to settle at several points, and about 4,000 lineal feet of the dyke have been raised twenty inches, and it is considered that a like extent will require raising next year.

The season was so unfavorable that the lock-walls were not pointed last April, as intended; but, if the weather prove at all favorable, this must be attended to next sprilig.

Three pairs of new lock-gates, built by contract at Morrisburg, were delivered in $\mathrm{S} \in \mathrm{p}$ tember. The set for lock No. 8 was immediately brought into use, and gates substituted at other places, as became necessary.

There are at present three pairs of spare lower lock-gates on hand, and one pair for the guard-lock, with but two pairs of upper gates. One pair of these must be hauled out and repaired ; the other pair are old framed gates that have been repaired, and should not be used except in case of emergency. At least two new pairs of upper gates should be provided for this canal.

All the swing-bridges, except"at lock No. 14, have been well painted, and are in good order. The bridge at lock No. 13 must be thoroughly overhauled during the winter; new timber has been provided for that purpose. Several other bridges have been re-planked and repaired.

The regulating weirs are, generally, in good order.
The breast-wall of the by-wash at St. Timothy. was partially rebuilt last spring; but, later in the season, a leakage was discovered in a portion of the foundation, which was effectually stopped withont drawing down the water. A further examination will be necessary before opening the canal next spring.

The work of extending the south pier, at the lower entrance of the canal, referred to in last year's report, should be proceeded with as early as possible. Much delay and confusion has been experienced during the busy season, caused by the present limited accommodation for mooring vessels, the entrance to the lock being at times entirely blocked up.

The difficulty in obtaining timber for repairing the superstructure of the pier at the head of the canal has prevented the work from being done. It is desirable that authority should be granted to obtain suitable timber during the present winter, and the repairs made as early as possible next season.

A statement of the fines and damages, collected by order of the local superintendent, amounting to $\$ 608.38$, will be found enclosed.

The cost of repairs and maintenance for 1863 amount to $\$ 5,942.13$, and $\$ 8,902.91$ for working expenses. The ordinary repairs for 1864 are estimated to cost $\$ 7,165.00$.
out the year. The expenditure for repairs and maintenance is necessarily much larger thin for any other division of the St. Lawrence Canals, caused by the strong current created in supplying water for the mills, the additional trade of the entire Ottawa route, and the maintenance of the dock-walls, wharves, sheds and basins at Montreal and Lachine. A large portion of this expenditure is, however, caused by the inordinate current produced in supplying mill-power, which tends to render vessels unmanagcable, washes the banks, and fills up and forms bars, in the channels and basins.

The delays experienced last year below lock No. 1 have, to a great extent, been remedied by the action of the Harbor Master.

The construction of the regulating meir and bridge, at lock No. 3, referred to in report for 1862, should be procecded with as early as practicable.

The limited dock and basin accomnodation afforded by the canal at Montreal, no doubt operates untavorably tomards the natural developuent of the trade ; a large increase in trade cannot be expected until suitable accommodations are provided.

Accommodation for the wood and lumber trade deserves special attention.
The Montreal, or bridge No. i, was thoroughly overhauled, and the largest portion of the wood-work recrewed last winter. Timber has been prepared for repaining bridges Nos. $S$ and 4, at Brewster's and at Côte St. Paul. These repairs have of nccessity to be done in winter, when a temporary bridge is formed by the ice. The water-wheel and machinery for working the Montral bridge must also be repaired.

The new pair of lower gites for locks Nos. 1 and $\Omega$, that were under contract at the date of last year's report, were delivered early in the season. The spare lower gates for locks 3 and 4 have been put ingood order. One vew pair of gates should be built for the guard luck; any accident of a serious nature occurring at chis lock would be attended with disastruas results. The gates now in use should be taken out and repaired, but this cannot be done until others "are provided. A new pair of grates have been built for the old lock, used as a graving-dock at Montreal; and a new bulk-head. with large sluice gates, placed in the old lock at lachiue, used as a regulating weir. The fow of water from this lock checks the cross current from the regular weir, and enables vessels to onter or leave the lock with greater ease and safety.

The walls of locks Nos. 3 and 4 have for years beea bad; temporary repairs prove to bo of little scrvica, beyoud barcly keeping them in working order; the faced stones are frequently forced out of place by the pressure of water from the rear. The entire walls of the locks must of necessity be rebuilt in cement mortar before they can be considered safe.

The bridge and decayed portion of the wood-work above surface-water in the large waste weir at basin No. 2 must be renewed, and special attention given to grouting and pointing the dock-walis in frout of the mills.

The steam-dredge aud scows were put in good ordor last spring, and have been employed the eatire scason in basins 2,3 and 4 .

The canal was tully opened on the 4 th day of May, and finally closed on the 10 th day of Deconber; very little business, however, was done after the Ist.

A statement of the estimated cost for the ordinary repairs and maintenance for 1864 , amounting to $\$ 10,090$, will be found herewith; also a statement of the amount collected for fines and damages, by order of the local superintendent.

For wharfage on vessels entering canal from Lower Ports, and onfirewood$\$ 5,53070$" temporary use of canal lands for repairing vessels during wiater1863 and '6119000
Total. \$11,806 91

Propellers and other large vessels engaged in the through trade between the Test and Montreal, suffer much inconvenience and loss in consequence of being obliged to break bulk by the discharge of a portion of their cargo before entering the St. Lawrence Canals, which must necessarily increase the cost of transportation, and is an inducement on their part to force their way through the St. Lawrence Canals; drawing more than nine feet of water-the depth of water being 10 feet in the Welland Oanal and 9 feet in the St. Lawrence Canals. This difficuity can only be overcome by establishing a uniform scale of navigation throughout. The small locks on the Welland Canal are 150 feet in length by 26 in width, with 10 feet water, while the locks on the St. Lawrence Canals are 200 feet in length by 45 in width, with 9 feet water. Still vessels pass through the Welliand Canal with nearly one-third more cargo than through the St. Lawrence Canals. It is, therefore, of great importance to the trade of the Province, and especially with the West, that the depth of water in the St. Lawrence Canals should be increased to 10 feet, as in the Welland Canal. Until this is accomplished, this great inland scheme of navigation must remain imperfect and, to a certain extent, unsatisfactory.

## carillon and grenville canals.

The water in the Ottawa river was unusually low during a large portion of the months of August and September, causing serious inconvenience to vessels at the upper entrance to the Grenville Canal. This portion of the canal is subject to the fluctuations of the Ottawa river, and is annually filling up with earth, stone and gravel washed from the banks by the surge in high water, which interferes with the passage of large square-bottomed heavy-laden vessels at low water. The temporary dredging which has lept this channel comparatively free for the past three or four years, is found to be insufficient tor the requirements of the trade, which is rapidly increasing. The maintenance of these canals in an efficient state for its accommodation is now a matter of absolute nevessity. The channel above the guard-lock at Grenville should therefore be enlargened and deepened during medium high water, in the early part of next season, by one of the stcam-dredges recently employed on the St. Lawrence Canals. After this is done there will be little dificulty in keeping the fuil drait of water for which these canals were originally constructed.

Four pairs of new lock-gates have been built by contract. They were completed late in November, and will be brouight into use early next season. One pair of lower gates for lock No. 2, and a full set for lock No. 3, should be constracted this winter. The old gates are so rotten that no dependence can be placed upon their stability: One of the lower gates at lock No. 3 gave way in August; but was soon repaired. This caused a delay of about two and a half days; tortunately but few vessels were detained.

The walls of lock No. 2 leak badiy. 'The water appears to find its way' through the north wall, and is washing away the bank in rear, and is discharged into the river below lock No. 1. These walls of the lock must be thoroughly overhauled, and pointed on both sides, and well puddled up in rear before the opening of navigation. The breast-wall and mitre sill at lock No. 10 has been crumbling away for some years. A portion of it gave way in September, and was temporarily repaired with timber, without much interruption to the trade. This wall must be rebuilt in April next.

The superstructure of the pier-head at Grenville has been rebuilt from surface of low water, and the generai repairs, as in former years, confined to such works as were absolutely necessary for keeping the canal in a passable state. Nearly all the structures being in a dilapidated condition, the cost of keeping themin repair must of necessity ivcrease from year to year, as the structures deteriorate. The maintenance of the North River dams and feeder forms a large item in the expenditure:
There has been exponded for repairs ..... $\$ 5,17870$
Expended for working expenses ..... 3,644 81
amounting for the year to ..... $\$ 8,82351$
and $\$ 8,547.20$ collected, viz :-
For tolls ..... \$8,403 86
" fines and damages. ..... $\$ 200$
" wintering ressels in the canal. ..... 2000
" wharfage, ground rent and firewood ..... 9734
$\$ 8,54720$

Statement in detail of the estimated cost for repairs for 1864 , amounting to $\$ 6,460$, together with a statement of the amounts collected for fines and damages, and for ground rents, \&c., will be forwarded herewith.

These canals were opened on the 1st day of May, and closed for the season on the 2nd day of December.

## ST. ANNE'S LOCE AND DAM.

The expenditure at this place for the past year has been confined strictly to working expenses; but, at the same time, in works of this description, where such large quantities of timber have been employed in their construction, there must of necessity be more or less repairs required. The timber in the superstructure, of fully 200 fect of the wing dam above the lock, is now quite rotten, and must be renerved next season ; and nbout 500 feet of the face, or inside, sheeted with tamarac or elm plank.

The mooring posts in the north, or land pier, below the lock, must also be renewed; and the docking on the river side of the lock repaired and sheeted with plank, to secure it from damage caused by rafts and ice during high water.

The trade through this lock has been much larger than in 1862, but the revenue less, owing to the diminished rate of tolls, which collectively amount to $\$ 5,013.64$. The estiniated cost of repairs for 1864 amounts to $\$ 1,200$, details of which will be forwarded herewith, with a statement of the trade furnished by the collector.

The navigation was opened on the 28 th day of April, and closed on the 5th day of December.

## S'F. OURS LOCK AND DAM.

The water in the River Richelieu was again unusually high during the early part of the seasou, which inundated a large portion of the works, and caused considerable damage. The coping on the west abutment of the dam and east-wing-wall of the lock was much shaken and displaced by the ice, and the bank between the lock and main shore, near the nill, injured. These damages have been made gcod-the bank raised and the surface paved with feld-stone, to secure it from further injury by high water. For the past two years the water has risen above the protection walls, at cach end of the dam, cutting into the bauks and causing slides. These walls should be raised, so as to protect the banks against the action of the water.

About 128 toises of stone have been used in connection with the works, viz :80 toises placed in the apron-cribs below the dam.
10 " $\because 6$ sink holes above the dam.
38 " " repairs to protection-walls, banks and piers at locks.
The scows have been ropaired, and a new scow built fior breaking the water on the dam.

The lock-gates above the surface water have been painted, and new chains furnished for working them.

The segment plates, on which the toe rollers of the lower gates work, appear to be out of order, and will probably have to be repaired before the end of pext season.

There has been $\$ 1,961.95$ expended in repairs, leaving $\$ 838.15$ of the amount authorized unexpended, which, it is thought, will be sufficient for ordinary repairs for 1864.

There has been $\$ 9.25$ collected for fines and damages, by order of the superinteadent, a detailed statement of which will be forwarded herewith.

The dam has been thoroughly examined; and the top part for about 300 feet was laid dry, where the cribs were found in good order.

Heavy-laden vessels experienced some difficulty a short distance below the lock, at the season of low water, where the remains of an old dam still exist. This obstruction should be removed.

This lock was opened for the passing of vessels on the 29th day of April, and closed on the 3rd day of December. The delays during the season amount to be about 30 hours, while adjusting the rollers on the lower gates and removing one of the collars.

## OHAMBLY CANAL.

This canal was opened on the first day of May, and closed on the 8th day of December. The only detentions were caused by vessels grounding when overloaded; this only occurred to large flat-bottomed vossels, which are always liable to strike the toe of the inside slopes, especially at the curves, and where banks have been formed by the small creeks and ditches discharging into the canal. The large number of steamboats used for towing on this route wash and destroy the banks, which also increases the deposit and expenditure for repairs. The high water in the river during the months of May and June softened the banks between the Island of St. Therèse and St. Johns, causing slides and damaging the slope-walls, especially on the outside or river-slope; repairs from this cause have added largely to the cost of maintenance.

There was one pair of lower gates for lock No. 4, and a new bridge built by the lock and bridgc-tenders last winter, and the gates and bridges on the entire canal put in working order.

A large amount of silt and mud was removed from the bottom of the canal last spring. This deposit is annually accumulating, which, to a great extent, is the cause of detention to vessels, especially on the long level between locks Nos. 1 and 2. The removal of this deposit is very expensive and dificult. The steam-dredge could be employed here during the entire season to good advantage.

The banks between locks Nos. 3 and 6 have been raised, and about 150 toises of stone used on such portions as required protecting and strengthening.

The walls of locks Nos. 1 and 7 leak badly, and will require special attention before opening the canal. Portions of the breast and upper recess-walls at lock No. 7 may have to be rebuilt ; but an effort will be made to put them in working order for another season without incurring much expense.

The planks in the bottcms of locks Nos. 4, 5 and 6 have been raising at different times during the season. The entire bottom between the walls of the locks must be replanked, the upper gates at locks Nos. 2 and 4 rebuilt during the winter, and the gates at locks Nos. 5 and 7 repaired.

The bridges are generally in very good order. The wood-work of No. 8 should be renewed, and others replanked.

The superstructure of the upper, or south portion of the wharf at St. Johns is in a very dilapidated condition, and should be repaired.

The by-washes are in good order.
The trade over this route has been very active throughout the entire season, which has, undoubtedly, been one of the most prosperous on record.

The cost of repairs and maintenance for the past year amounts to the
\$ 7,631 00

## > sum of. <br> <br> sum of.

 <br> <br> sum of.}6,357 08
The total expenditure
$\$ 13,98808$
and the total revenue $\$ 25,262.53$, viz:-
For fines and damages
\$ : 13400
For wharfage dues............... ............................................... ${ }^{18} 87$
For tolls." 25,070 69

The repairs and maintenance for 1864 are estimated to cost $\$ 7,56000$.
ROADS.
A new road bas been built from the centre of lot No. 11 to the centre of lot No. 28, in the front concession of Lancaster, County of Glengary, as a substitute for the cld road, rendered impassable for a large portion of the year by the high water in Lake St. Francis. This work was commenced in June and fully completed in August.

The worst portions of the roads on the Indian Reserve, leading from Caughnawaga to St. Martin, and to Chateauguay, have been repaired and made passable. The season was well advanced when the work was commenced; the repairs were, therefore, confined to such portions as were considered impassable. The work should be resumed in May or June next.

> I am, sir,

Your obedient servant,
(Signed) Joun G. Sippell, Superinteadent Engineer.

## BEAUHARNOIS CANAL.

Detailed Statement of the Estimated Cost for Ordinary Repairs and Maintenance for 1864.


## BEAUHARNOIS CANAL.

Statement of the amount of Fines and Damages collected by order of the Superintendent for the year 1863.


## LACHINE CANAL.

Detailed Estimate of the cost of Repairs and Maintenance for 1864.

| Structures. | ITEMS. | 梁 | Prices. | Amounts. | Totals. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Locke |  | 5 | $\$$ ctg. 10000 100.00 | $\$$ cts. <br> 50000 <br> 50000 | \$ ots. |
| Briages. | Overhauling bridges 3 and 4........say | 2 | 30000 | 60000 | 100000 |
|  | Wator wheel for opening No.1......say |  | 50.00 | 5000 |  |
|  | Pine Plank ...................feet B. M. | 40000 | 20.00 | 80000 |  |
|  | Spikes for do...........................lbs | 1000 | 010 | 10000 |  |
|  | Pine timber...................ineal fect | - 500 | 020 | 10000 |  |
| Regniating Weirs............ | General repairs | 6 | 5000 | 30000 |  |
|  | Pine timber........ ...........lineal feet | 450 | 020 | 9000 |  |
|  | , do plank..................fet B. M. | 10000 | 20.00 | $\bigcirc 20000$ |  |
| Piers \& Eooms at Lachine. | General repairs.......................ssy |  |  |  | 50000 |
| Flour Shods and Wharves. |  | 3000 | 30.00 | 90000 |  |
|  | Spikes..............:... ................... lbs | 2500 | - 010 | 25000 |  |
|  | Timber.............................. lineal feet | 1500 | 020 | 30000 |  |
|  | Waterconductore to Sheds............ say Roof to <br> do |  |  | $\begin{array}{r}7800 \\ \hline 12500\end{array}$ |  |
|  | Roof to do Dock Walls $\qquad$ |  |  | 12500 50000 |  |
|  | Wood and Lumber basins....t....... |  |  | 50000 1. 55000 |  |
|  |  |  |  |  | 270000 |
| Buildings ........................ | General repairs........i..............ssy | $8$ | 15000 | \%.ano. | $\bigcirc 40000$ |
| Prism and Banls of Canal. | General repairs.............. ...........sey |  |  | 800000 |  |
|  | Mooring posts | 100 | 250 | 25000 | 332500 |

## STEAM DREDGE.

Detailed Estimate of Working Expenses and Repairs for 1864.


## LACHINE CANAL.

Statement of the amount of Fines and Damages collected by order of the Supetendent for 1863.


## CHAMBLY CANAL.

Detailed Estimate of the cost of Repairs and Maintenance for 1864.


## CHAMBLY CANAL.

Statement of the amount collected for Fines, Damages, \&c., by order of the Superintendent, for 1863.

(Signed,)
C. PREFONTAINE, Superintendent.

Cenambly, December, 1863.

ST. OURS' LOCK AND DAM.
Statement of the Amount of Fines and Damages Collected by Order of the Su[perintendent, for the year 1863.


St. Ouns' Lock, December, 1863.

## STE. ANNE'S LOCK AND DAM.

Estimated Cost in detail of the necessary Repairs and Maintenance for 1864.


## STE. ANNE'S LOCK AND DAM.

Conparative Statement of the number of Steamers and other Craft that passed through the Ste. Anne's Jock during the seasons of 1862 and 1863 , and the amount of Tolls collected.

$\left.\begin{array}{c}\text { Ste. Anne's Lock, } \\ \text { Dccember, 1863.1 }\end{array}\right\}$
CARILLON AND GRENVILLE CANAL.
Detarled Estimate of the Cost for Ordinary Repairs for 1864.

| Stractures. | ITEMS. |  | Price. | Amount. | Totals. |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 5 cts. | \$ cts. | scts. |
| Locks | Excarating behind lock No. 1...c. yds. | 050 | 030 | 195100 |  |
|  | Pucdle behind wall................. 't | 350 | 050 | 19000 |  |
|  | Painting, grouting, \&c................say |  |  | 10000 |  |
|  | Rebuilding breast wall at lock No. <br> 10....................... .........cub. yds. <br> Unwatering work,........................say | 50 | 800 | 400 50 500 |  |
|  | General ropairs to lock walls, gates, sluices, \&c. $\qquad$ | 11 | 10000 |  | 110000 |
| Focder for Carillon Canal. | Ropairing dams on North Rivor..... Say |  |  | 25000 |  |
|  | Cleaning feeder, \&c.................... say |  |  | 25000 |  |
| General ropairs to Canal... | Cleaning bottom Carillon Canal......any <br> do do Gronville 'do ......say | ... |  | 15000 50000 |  |
|  | Protecting and raising banks........ssay | ... |  | 150000 |  |
|  | Repairs to fences and roads............... |  |  | 30000 | 245000 |
| Lock IIouses, \&c............ | Gencral repairs |  | 2500 |  | 27500 |
|  | Total cost for ordinary repairs..... |  |  |  | \$5260 00 |
| $\cdots$ | Dredging channel above guard lock, |  |  |  | $\dot{1} 200.00$ |
|  | Total estimated |  |  |  | \$6460 00 |

## CARILLON AND GRENVILLE CANAL.

Sratement of the amount of Fines and Damages collected by Order of the Superintendent :-Also the amount collected for Ground-rent and Firemood, and for Vessels wintering in Canal, for the year 1863.

[Signed,]
JOHN THOMSON,
Superintendent.

Carillon, December, 1863.

## APPENDIX D

## RIDEAU CANAL.

Sir,-In compliance with instructions conveyed to me in your letter dated 4th inst., No. 47,919 , I beg respectfully to submit the following report on the state of the works under my charge.

The navigation of the Rideau Canal has been maintained during the past season, viz : from the 1st of May to the end of the month of Noveinber, Without any interruption.

A sudden rise of the rater occurred on the 14th of April, causing a flood which lasted about ten days, which was almost as bigh as the one of 1862 , that did so much damage to the canal. Additional provision had, however, been mada in the works receutly constructed to pass such floods, and the water now can easily be passed; the chicf difficulty eonsists in managing the ice and drift wood. A waste-weir, or overflow, of ample dinensions, should be constructed, if possible, at each station ou the Ridedu river, to pass these The want of this provision has been a fruitful source of expense and trouble.

Appended is a comparative statement of the expenditure on the canal, for soveral years past; also a statement shewing in detail all the rorks and repairs required during the next season, amounting to $\$ 16,317.93$, as shewn in the schedule. Some of these, however, may last another season with some slight repairs, but they cannot be depended upon with certainty. It would, however, be advisable to have the timber provided for the lock-gates, and have them framed, as there are no spare ones on hand, in case an accident or breakage should occur. This canal is now in a better state than formerly, when it was transferred to the Provincial Government A reference to the Hoa. the Commissioner's report for 1858 will shew the state of the works at that time that were dangerous. Most of these which
required reconstruction have since been rebuilt. depending upon wooden structures for support. decayed and dilapidated.

The following is a brief description of the different works on the canals, and their condition at present.

## OTTAWA STATION.

The masonry of the combined locks, eight in number, is in good order. Two pairs of lock-gates are old and much decayed. They may last another year by care and some small repairs, but are not to be depended upon:

The old dry-dock might be made useful at a moderate cost; vessels have now to be repaired in the locks. The lower lock and entrance to the canal is gradually being filled up with refuse from the saw-mills at the Chaudiere, as has frequently been reported.

The embankment at Dow's swamp, which is 25 to 30 feet high, is subject to slips in the spring, on account of not haring sufficient slope on the outside. The inner slope is, however, good and faced with gravel ; the top is low and narrow, and has been somewhat wora by the action of the water. It requires a quantity of gravel to make it quite secure.

## MARTVELTS.

"At this stativa the ato whocks combined : comected therewith is a cut-stone wasteweir, with a small opening in the centre to run ofr the water. The masonry of the locks is in tolerable good order, haviag been well grouted during the stoppage of the navigation last year. The masonry of the waste-weir is bad ; the stoucs have been displaced by the frost.

A new pair of gates are required here; the present ones are uld and lave had the posts spliced, and have been pratched as much as they will bear.

From this station to Hogsback, a distance of a mile, the canal is located partly on side hill cutting; the bottom is about 30 feet above the Rideau river." Slips have occurred here which have heen expensive to repair, and particular attention has to be paid to these luaks:

## HOGSBACK.

At this station the sille-cut from Ottawa, $5 \frac{1}{2}$ miles long, enters the Rideau river. The works are two locks combined, a retaining dam 45 fect high and 200 feet long, a bulk-head with five openings or sluice gates, 20 feet wide by 15 fect deep each, and a by-wash or waste-weir over a rocky ledge about 100 feet wide. The chamber wall of the lower lock, on the westerly side, is bulged in very considerably, and look dangerous. It has been in this condition ten or twelve ycars or more. It may do duty in its present condition for some time to come, but it is uncertoin.

The dam has been raised and faced with stone this fall. The other works are in good order. While the canal was lorvered in 1852 , a large quantity of sunken timber got dry, and when the water was let in, it floated. This incrcased the ordinary quantity of driftwood very much. During the flood last spring an unusual collection, several acres in extent, accumulated in the bay above this station, and came down in a body against the bulk-head. No damage occurred beyond the expenss of the romoval of the jam. Something more will have to be done here to kecp back the flood-wood and ice from the sluices.

## BLACK RAPIDS.

At this station, which is four miles above Hogsback, there is one lock, one cut-stone sluice, retaining dam, wooden waste-weir dam 300 feet long across the river, with a 20 feet sluice-gate in it for draxing down the water. The masonry of the stone sluice is very shaky and out of repair. It is prevented from falling by timber work. The wooden dam was lately built in place of a stone one, which bad become unserviccable. There is a leak under the lower*lock-gate, which will necessitate the pumping of the lock. This, however, will not be expensive.

## ION(i, ISLAND.

The principal works at this station are three locks combined, a curved stone retainingdam, 340 long and 30 feet high, a long earth retaining dam, crib-work retaining dam at
the font of the island ; through this there are two slaice-gates each 15 feet wide One and a half miles above, at the White Horse Shoal, there is a guard-dam, opposite to which, in the westerly channcl, there is a bulk-head with five 20 feet openings or sluice-gates. There is no waste-weir dam at this station. Considerable expense and danger are iucurred every spring in passing the ice and flood wood through the sluices.

The reach above is 27 miles in length. Erery precaution should, therefore, be used to prevent accidents. Several minor works have lately been constructed to prevent damage, viz: ice-breakers, piers, a boom, guard-dam and an apron at the dam at the foot of the island.

The repairs required at this station are very considerable. The stones composing the two centre sills of the locks are very much broken, and should be re-built, the cost of which will perhaps be $\$ 2,600$. The upper stones have been bolted down so often that they are all split to pieces. These sills might perlaps be repaired in a tomporary manner, by fastening timber over them to make them last a while longer; it will, however, be running some risk of failure.

## BURRITT'S RAPIDS.

There is a side cut here upwards of a mile in length, oue lock, one swing-bridge, long retaining dans of earth, wooden waste-weir, dam 200 fect long across the river, with sluice gate The shecting of the dam requires rencral' some gravel is also required.
nicholson's.
Two locks detached, stone waste-weir, dam across the river, two sluice-gates; the side cut is partly through rock, and the canal formed by a dry stone retaining wall, a portion of which, about 800 feet in length, is overhanging, and some of it will probably fall in the spring. It ought to be taken down and re-built, but it may possibly last a short time longer.

## CLOWES

One lock, cut stone sluice, curved stone waste-weir, dam across the river 350 feet long; several small repairs are required, amongst which is a new bridge over the by-wash or sluice, and machinery for raising the stop-logs.

## IIERRICKVILIE.

There are threc locks at this station detached, but connccted hy masonry walls, enclosing small basins, one swing-bridge, rotaining embankmeuts and a wooden wasteweir dam 130 feet long across the river, with small sluice-gates at each end of it. One of these sluice-gates is unserviceable and will have to be rebuilt." Some other repairs are required.

## Maltcand's.

One lock of small variable lift, one swing-bridge, embankments and low wooden dam lately built across the river.

During low water, trouble was formerly experienced here. A considerable quantity of water finds its way through some low lands called the break-grounds, on the easterly side of the station, and about one and a half mile distant. The late Ordnance built dams here, but the inhabitants cut them down, as they flooded a large quantity of valuable meadow land, and was an obstruction to their fishing.boats. Since the dam at the lock was rebuilt and made water-tight, there has been sufficient water for navigation.

## EDMONDS.

Onc lock, cut stone sluice and waste-weir, dam about 500 fect long across the riverSome gravel and suadry small repairs are required here.

## OLD SLY'S.

Two locks combined, one draw-bridge, curved stone retniuing dam, and wooden sluice. The masonry of the upper wing wall of the lock is in very bad order, and must be rebuilt the first opportunity that occurs.

The reach above this station has been much injured by the saw-mill people and manufacturers of wood at Sinith's Falls, allowing the saw-dust and other refuse from their mills to fall into the canal until the navigation is almost destroyed.

## SMITH'S FALLS.

At this station there are three locks nombined, one swing-bridge, long retaining embankments and wooden flat pressure dam with sluice-gate. The basin above these locks has been made by raising the water upon a lime stonc rock full of seams, and it is very leaky. Many ineffectual cfforts were made by the late Ordnance to stop these leake. In very dry seasons the watcr partially drains off; in this case a supply is let down from the station above to pass vessels. A quantity of gravel and sundry repairs are required here.

## sminh's falds detached.

One lock; retaining ewbankment and waste-wcir dam, composed of posts and struts with stop-logs in front. The dam is very old, and portions of it break away occasionally, but it is easily patched up again. The lower gates require two new rails and the heel posts to be spliced.

## poonamalie.

This is the outlet of Rideau Lake. The works here are a side cut over a mile in length, one lock, a retaining cmbankment, long low dam of posts and struts, with stop logs in front. A sluice-gate for regulating the water was constructed here last summer, and a boom abnut 500 feet long for retaining the drift wood; this boom is old and decayed, and requires renewing.

The lower Rideau lake, above this, station, is 192 miles long, and in one place seven or eight miles wide. It is the principal reservoir for supplying the navigation during dry weather, so that much depends upon the proper management of the water at this statiou. During the winter the water is dram down as low as possible, and as much retained of the spring floods as the works will allow. The River Tay cuters the lake at Pike Falls, aboutfive miles above Poonamalic. There are quite a number of dams on this stream, constructed in a very poor and cheap manner; these dams retain in the aggregate a large quantity of Water, and are frequently carried away during floods, thereby increasing the trouble on the canal.

## samnows.

The station is at the outlet of the Upper Rideau Lakc, which is the summit level of the Kidean Canal; it is reckoned to be 402 fcet above the level of the sea, 292 feet above the level of the River Ottawa at this city, and 165 feet above the level of Lake Ontario. The works licre are one lock, ohe long retaining dam and a small wooden sluicc-gate. The masonry of this lock is, very shaky; one upper wing wall will have to be taken down and rebuitt. The gates also require some repairs. Piers are necessary here for vessels to fasten to, while waiting for the lock; one above the lock must be reinilt, and the one below repaired. The supply of water to the summit level is of importance. There are severallakes connected together by crecks, upon which mills are built, catending from Bedford to the upper Rideau Jake, riz. : Sand fake, West Rideau Lake, and Clear Lake. West Rideau Lake is about 25 miles area, and porduge could be got here to the depth of four feet it is believed, without doing much injury to prisate properit, as the banks are high. The Ordnance did once construct for the purpose a dam at the outlet of West Rideau Lake, but the lumberers cut it down, and it hus not been rebuilt since.

The water was lost at this level about seren ycars ago ; the trade was then continued by transporting the goorls and merchandize across the isthmus with waggons for about six weeks. This subject if additional pondage has been mooted, and the mill-owners on the Rideau have memorialized the Department rospecting it; the greatest trouble will be to avoid infringing private rights, as people keep a sharp look-out for clains upon Government for damages either real or inaginary. It is intended to make some further examination during this winter on the ice in relation to this subject.

## IS'THMUS.

This is the first lock dowawards towards Kingston. There is one lock, a high wooden Qucen post truss-bridge with stone abutments lately built, and the rock cut through the dividing ridge about one and a half mile in length. Jhis rock will require to be pumped to repair the gates and sills; it is proposed to make the dam at the entrance of the cut, so as to clear it from stones that have fallen into it from the banks.

## CHAFEEY'S.

From Newboro', or Isthmus, the canal passes through Mud, Clear and Indian, or Opinocan Lakes, to Chaffey's Station.

The works are one lock, a cut-stoue sluice conuected therewith. New machincey for raising stop-logs is required.

## Davis.

From Chaffey's the canal passes through Davis Lake to Davis Station. There is one lock, retaining embankment, and wooden sluice-gate built last winter. Repairs are required to the gates, which must be lifted; some of the posts have to be spliced.

## jones' falles.

From Davis the canal passes through Sand Lake, three miles to this station. Tte works here are extensive, and cost upwards of $£ 80,000$ sterling. There are four locks in all (overcoming a fall of 60 feet), three combined, and one detached, but connected by a basin; a dressed-stone curved retaining dam 60 feet high and 300 fect long; the waste water runs through an extensive cut in the rock, and is regulated by stop-logs.

The repairs required are the rencwal of two pairs of lock-gates, ono for the lower gates of the lower lock, and one for the lower gates of the upper combined lock; a retaining wall at the basin connected with the wing wall of the combined locks, is overhanging, and should be taken down and re-built:

Thesc lakes are not the Clear and Sand Lakes mentioned before; they had their vutlet formerly down Whitcfish Creek to Gananoque, but the water ras raised by building a dam in the Whitefish Creek, in which there are two sluice-gates, through which a portion of the surplus water passes, and the canal lowered when required.

## BREWER'S OPPER IIILLS.

This station is 11 miles from Jones Falls, passing through Cranbery Lake. This was formerly an extensive swamp, but by raising the water it was converted into a lake which connected the waters" of the Gananoque and Cataraqui. The works hore are two locks combined, retaining dani, small sluice-gate, and swing-bridge; the lattcr will soon require renewing.

## 'Betewer's yower mills.

Onc and threc-quarter miles below; one lock, retaining dam, wooden sluice. Sundry repairs required.

## gingiton midics.

Ten and a half miles below Brewer's Mills, the canal passes through the chanuel of Cataraqui Creek and lakes of drowaed lands, to Kingston Mills Station. There are four locks (overcoming a fall of 45 feet), three combined and one detached, but connected together by a basin, a rery long retaining dam on cach side of the locks, a cut-stone sluicegate, a swing-bridge, and a wooden bridge over the old channel 250 fect long on the public road.

The repairs required here are the renewa of a pair of gates for lower lock; facing portions of the long darn with stone (this has to be done more or less every season, and will be until the whole is faced); repairs to swing-briage, and sundry repairs to the locks and machincry. A sum of $\$ 120$ will have to be laid out for sheeting onc-half of the long bridge and renewing the hand-rail.

A macadamized road has lately been made to intersect the Whitefish macadamized road, which has brought a large amount of travel over this bridge, for which the road company received tolls. The road company ought to do something to keep the bridge in repair, or take it altogether; if an accident should occur, the Government will, I supposc, now be respensible.

The tolls received during the past season amount to $\$ 8,242.38$. The number of lockages at Kingston Mills has been 3120 -being 2928 for vessels; and 192 for rafts. At Ottawa, the number of lockages were 744 for vessels, and 396 for rafts-total 1140.

I have the honor to be, sir,
Your obedient servant;
(Signed)
JAMES D. SLATER,
Ottawa, 9 th January, 1864.
Supt.
RIDEAU CANAL.


## RIDEAU CANAL.

## SUMIAAR OF REPAIRS FOR 1864



Repairs cllluded to in Report which may possibly last another season, viz:


## APPENDIX $\mathbf{E}$

## Ottawa Works, Superintendent's Office, Ottawa, 26th December, 1863.

SIR, - I have the honor to acknowledge the receipt of your communication, No. 47,920 , of the 4th inst., requcsting me to send to the Department, as early as possible, my annual report on the state of the works under my charge.

For the information of the Hon. the Commissioner, I would state that the river works on the Ottawa and its tributarics were little damaged by either the shoving of the ice or the spring floods; one of the support-piers of the Gatineau boom and a snubbing-pier in the Cliats Lake, immediately above the rapids, were somewhat damaged, but not so much as to render them altogether useless for the purposes of the lunbermen. I should also add that certain portions of two dams on the north branch of the Petewara River were destroyed by fire. In reporting on the works in detail, I will commence with those at the upper station on the main river, viz:-

## roachrn.

The improvements at this station are nearly worn out and will require the following repairs:

500 feet of 5 -inch plank for dam on the south side of slide, say 2,500 feet B.M. of pine plank, say $\$ 14$ per M.
$\$ 3500$
Four new timbers 40 feet long, $16^{\prime \prime}+16^{\prime \prime}-284$ cubic feet, for repairing guide-boom leading from the foot of the upper slide to the head of long slide, @ 150. per foot

4260
The bullshead of the long slide will have to be renewed. I have estimated the cost of removing the old materials and substituting new posts, caps, platform, railing and stairs, and of mounting the crab. machinery, @ 186.00

Four neff stop-logs for bulkhead, 28 feet long, $14^{\prime \prime}+14^{\prime \prime}-152$ cubic feet (c) 16 c

3439
$\$ 28792$

## CALUMET STATION.

Tho repairs required will consist of the rcuewal of the windlass and some of the oak binders for the large guide-boom, at a cost of about........

Now roadway plaking for the bridge over the canal, $51 \mathrm{ft}+18 \mathrm{ft}+4$ in ; and a feiv ontside braces, requiring in all 4,000 feet B.M. of white pine, (a) Sle per M.

4800
Tro cew step-logs, 78 feet, @12c.............................................. 98
liemoring a quantity ol loose stones from the bed of the canal........ 500
'Wwo new stopllogs for 2nd bulkhead, 78 feet @ 12........................ 936
$\$ 00$ cubic feet of white pine timber to replace bulkhead-posts and (aps deeayed, (12) 12c

3600
Mauking for bulkhead $32 \mathrm{ft}+12$ ft. $+3 \mathrm{in}-1,152$ fect B.M., ©
Sl2 per 1
1382
Two nen stop-logs for head of lons slide, 75 feet, @ 12c................. 936
Piue planking for bottom of slide, 1,500 feet B.M., @ $\$ 12 \ldots . . . . . . . \quad 1800$
Oak $\because 45 \mathrm{ft}+6 \mathrm{ft}+.4 \mathrm{in}-1,080$ feet BM. (a) 324 ne: M

2592
Ok planking apron at loot of long slide-1,400 feet B.M., @ $\$ 24$ per M.

3360
Hepairs for platform and stairs of lower slide................................................................. 250
$\$ 21892$

The works there are in comparatively good order. A short stay-boom
50 feet long, made of double timber, will be required for the head of the slide, say 100 feet, @ 15 c ..... 1500
One chain hook for upper bulkhead ..... 150
Four white pine stop-logs $28 \mathrm{ft} .+14 \mathrm{ft} .+14 \mathrm{in}-152 \mathrm{fect}$ @ 15 c . ..... 2280
1,444 feet B.M. oak plank, @ \$30 per M ..... 4332
300 cubic feet of red pine for side of long slide, @ 15c. ..... 4500
Filling guard-pier with stone where the stone filling has settled, 300cubic yarde, @ 60c.$180 \quad 00$
$\$ 307 \quad 62$
PORTAGE-DU-EORT STATION.The outlay at this place will be small; some facing plank for tho sideat the bulkhead, repairing stairs and platform, furnishing new stop-logand patching the side floor, will cost$\$ 3000$
CEENEAUX STATION.

The retaining booms and works in conection therewith are in good order, with the exception of the platform, which has become water-logged, and a crab that was broken last summer. I would recommend that a cheap flat-bottomed scow be substituted for the platform; it would be very useful for stretching aurd taking in the booms, beaides supporting the crab required to open the "trip" boom to almit of the passage of steamers and rafts of square timber.

I have estimated the cost of a scow, 30 feet long, 12 feet mido and 24 inches deep, at$\$ 10000$
Strong crab to be placed in scow. ..... 4000
$\$ 14000$

## HEAD OF OHATS RAPIDS.

One of the piers at that station was considerably damaged by the moving of the ice from Chats Lake last spring; and as the lumbermen snub their rafts at this point, preparatory to running small bands of cribs through the rapids, it is rery desirable that the pier referred to should be repaired and strengthened. I propose to pat an addition to it of $21 \mathrm{ft}+20 \mathrm{ft} .+20 \mathrm{ft}$, which will require of timber 1,800 cubic feet (Fhite pine), @ 122 c
$\$ 22500$
Stone filling $18 \mathrm{ft} .+18 \mathrm{ft}+21 \mathrm{ft}-252$ cubic yards, less space occupied by ties, 11 yards, say 241 cubic yards@ 60 c ..

14160
Iron spikes, 450 lbs @ 8 c
$\$ 4: 0560$

## CHATS STATION.

The slide at this place passes more timber than any other on the Ottawa, as, in addition to the rafts from above the Calumet, those from the Bonnechere, Muduraska and Mississippi rivers are taken through the Chats slide, there being no other opportunity of dividing the traffic between the north and south sides of the rirer, as at the Chaudiere Falls. The fall is about 40 feet, so that the friction of the cribs on the bottom planking is very great; and as the floor of the slide is worn thin, I propose that it should be renewed. For this purpose 6,000 feet of pine plank 5 inches thick will be required - 30,000 feet BMM , (a) $\$ 15$ per M $\$ 45000$
White pine timber for apron, say 1,000 cabic feet, @ 15 c............... 15000
Two pieces boom timber, 200 cubic feet @ 15 c .
30:00
$\$ 63000$
HITTLE CHAUDTERE STATION.
The works at this station, consisting of a slide, long pier dam from head of slide to the island, long wing flat dam, from the head of the island to the head of the rapidg and the
guide boom and piers, are all in gool order and require no repairs. The same remarks are applicable to the Remous boom and pier in the immediate neighborhood.

HULL (NORTH CHAUDIERE) STATION.
The main slide (which was reconstructed two years ago), the wirg dam at the head, the slide from the lower basin, and the guide booms and piers leading to the slides, will be available for next year's business, without repairs.

## OTTAWA (SOUTII CIAUDIERE) STATION.

Having been authorized by the Hon. the Commissioner to execute certain repairs on the 'four slides at this station and the toll-house at the Union Suspension Bridge', at an expense of about $\$ 450$, I would state that the work has been well adranced by the slide employes, and, when completed, everything will be ready for use in the spring.

The long line of booms and support-piers at the head of the slides, the dam and buikhead extending from the head of Chaudiere Island to Russell Island, the bulkbead in Buchanan channel, and the dams connceted with the water-privilcges at this station, require no repairs.

## UNION SUSPENSION BRIDCFE.

Both courses of roadway plauking are worn out; the lower tier is white pine, three inches thick, and the upper one oak, tro inches thick. The latier is exposed to the great tear and wear caused by the Upper Ottawa traffic, while the pine or lower sheeting rots speedily from the effects of the spray from the Chaudière Falls. I would, therefore, recommend that cedar planking be substituted for pinc, as being lighter and more durable, and that black ash be laid on the surface instead of oak, which is scarce and expensive in this part of the country; but, before the change is made, I would suggest that the Deputy. Commissioner or Chief Engineer of the Department should be consulted on the subject. The following is an estimate of the cost of the repairs:-

$\$ 380.39$
These repairs should be executed during the winter months, so that the traffic may be accommodated at a crossing on the ice opposite this city.

## THE LINE OF WOODEN BRIDGES

Forming the southern approach to the Union Suspension Bridge, having been repaired lately, may be used another year. The wooden bridge over the Hull side channel requires no repairs. Pooley's bridge is in good order. In former reports-for reasons therein set forth-I recommended that this bridge be handed over to the corporation of this city. I. would now respectfully repeat that recommendation.

## CARILLON DAMS.

The water in the Ottawa River was lower last season than it has been since 1846, and the consequence ras, at this station, that several boulders were found to be in the way of the timber. In winter, the channel between the long dam and the shore is generaily blocked up with iee, to the exclusion of water. Should such be the case this winter, I would recommend that these boulders be removed, as the work can be done without going to the expense of constructing a coffer-dam. I have estimated the cost at $\$ 50.00$.

## tributaries of the ottalfa.-I. du moine river.

A detailed list of the works on this stream will be found under the licad of new works. These improvements were completed last spring, and have given general satisfaction to the lumbermen on the river. A mooring-chain should be provided for the boom at the mouth of the river, to take the place of one now in use, belonging to a firm connected with the Du Moine. The cost of a suitable 4 -inch chain, laid down at the works, will be about $\$ 50$.

## II.-TETEFAWA RIVER.

On the north branch of this stream improvements have been extended to a point about six niles above Lake Traverse. In this section of the country, which is very rough, the works consist of a dam and slide at High Falls; trelve dams and glance picrs, within a distance of six miles; and a retaining-boom at Lake Traverse. These improvenents were carricd out two years ago and are in good order, with the exception of two dams that were partially destroyed by fire last summer. One of these dams, a very necessary work, is situated at McDonald's Chutc. The following is an estimate of the cost of the repairs :-

$\$ 615.64$
The improvenents at Crooked Chute and Half-Mile Rapids requiro no repairs. On the south branch of the river the improvements consist of six single stick slides. The slide at Brigham's Chute is now old and dilapidated ; its lower cnd, for a distance of 150 fect, will have to be renewed, at a cost of $\$ 1.50$ per lineal foot.
225.00
$\$ 840.64$
On the Macir River, the large retaininghoom, support picrs, dam and slide at the Boisclure station, are in good order and require no repairs; this may also be said of the long slide, dam and boom at the Thierd Chute; the long dam, slide, booms and supportpiers at the Second Chute ; the dam, slide, boom and support-piers at the First Chute; and also the long retaining-boom and support-piers at the mouth of the river.

## III-MADAWASKA RIVER.

The following works on this important tributary of the Ottawa require no repairs that would render an appropriation for that purpose necessary, viz.:-The slide, retaining booms and piers at Chain Rapids; dams at Bailey's Ducks and Boniface Rapids; dams and piers at Ragged Chute; main dam, guide-boom, support-piers and long slide at High Falls; large retaining boom and support-piers in Calabogie La/ke; the glance-picr at Balmer's Filand; and the two dams at Lony and Flat Rapids.

The boom at Burnstown was broken last spring and a portion of it displaced. As there is a swift current to be contended with, $l$ have estimated the cost of placing the boom at.

At Arnprior station, one end of the retaining boom has hitherto been moored to the stump of a pinc tree. This mode of fastening is not reliable, the more especially as the tree is decaying. I would, therefore, suggest that a mooring pier, $12 \mathrm{ft}+12 \mathrm{ft}+7 \mathrm{ft}$. high, should be built; the material required will be 332 cubic feet of white pine, @ 12 cts.
51.84

Stone filling, 23 cubic yards, @ 65 cts.................................................... 14.95
The guide-block that holds the mooring, oak picket, and three courses of crib-work, must be renewed, at a cost of, say

At the font of the Armprior Slide there is a reef which causes the timber to jam; 25 cubic yards of rock should be blasted off, @ $\$ 1.50$ g yard.
37.50

Repairing facing plank of support-piers in lake 10.50

Renewing 5 J feet of (double) spur boom at the head of slide, say 100 lincal feet of white pine timber, $15 \mathrm{in} . \times 15$ in. 156 cubic feet, @14c...

## IV.-GATINEAU RIVER.

As the quantity of timber taken from the river is annually on the incease, a due pegra to the interest the lamber trade renders it imperative that the upper porton
of the large retaining boon，where it is single，should be strengthened．About twoyears ayo the lower section was converted into sisply bnom for a distance of 1,510 feet，and it is probably stronger than any similar structure in the country．It is now proposedto rernove the decayed single tinibers from the upper end of the boom for a distance of711 fect．and substitute new double timbers $15 \mathrm{in} . \times 15 \mathrm{in}$ ．for them．For this parpose2，219 cubic feet of white pine timber will be＂recuired，which will cost，when laid in theboom and prepared to receive the chains and nececssary fastenings， 20 c perfoot$\$ 443.80$
54 scrow bolts $3 \pm$ inches long， 14 inch．round iron， 830 lbs ，＠ 10 c．．． ..... 83.00
108 cast－iron washors， 3 lbs each－324 lbs，＠ 5 c ． ..... 16.20
IS strong iron clevises for skein chains，＠$\$ 1.50$ ． ..... 27.00
There is in the storchouse at this station a chain cable from which theskein chains can be made，but the cost of cutting them off，and puttinglarger end link＇s in，will be，say 18 skein chain，with two links＇each， 36 links（a） 50 c ．$18: 00$
The upper mooring pier was danaged by the ice last spring ；that por－tion of it commenciug at the top，for a depth of 14 fcet，must be removedand reconstructed． 1,120 cubic fect of white pine timber should be provid－ed＠1どれc．140.00
101 cubic yards of stone filling，（a） 50 c ． ..... 50.50$\$ 778.50$

The wooden bridge over the canal，leading from the river to the poud，was built two years ago and requires no repairs．

## NEW WORKS COMPLETED AND IN PROGRESS IN 1863.

The Du Anine improvements were completed Jast spring，and consist of a flat dam at the head of Long Ropials， 45 miles from the mouth of the river；a flat dam，two wing－piers， three support－piers，guide－boom and reconstruction of the＂Woffat＂slide at＂High Falls，＂ 15 miles tron the mouth；a flat dam half a mile belov，Iligh Fills；a flat dam one mile below do；two flat dams and extension of Moffat pier cne mile and 60 rocls below do；a side flat dam at the outlet of Rojinson＇s Lales；a flat dam at Patton＇s Chute；a side dam and certain rock excavation at Trois Roches；a flat dam at Ryan＇s Chute No．1；two flat dams at Ryan＇s Ohute No．2；a Hat dam at Ryan＇s Chute No． 3 ；two slide dams ncar mouth of winer，and support－pier and retaining boon ai mouth of river．

At a short distauce below Portace－du－Fort station，an obstruction known as＂Black Rock＂was removed from the crib channel．The cxcavation was done last wintor，and it has had a good effect on the running of timber．

The rock excavation，in connection with the deepening of the channel leading to the Little Chaudiere slide，was put under contract at the scason of low water，but the contractor failed to coniplete the mork within the time specified．The sureties were then called upon in terms of their bond，and they prosecuted the work vigorously，until their workmen were compelled to leave the reef by the flood in the river，occasioned by the heavy fall rains． The work is well advanced，however，and it is hoped that it will be completed in March next．

In asking for an appropriation for the repairs of the works under my charge，I would state that the estimatcs have been kept as low as possible，and it canoot fail to be satisfac－ tory to the Hon．the Commissiuner to know that so small an amount as that shown by the annezed recapitulation will cover the cost of the necessary repairs．An idea may be formed of the importance of these works to the Ottama lumber trade，by a glance at the following figures ：－

Year 1863 ＿Square timber passed Chaudière slides， 16,821 cribs， equal to．．

351，255 pieces．
Saw－lngs from the Upper Ottara arrived at Chaudière，about．．． 120,000 ＂

The tolls payable to the Government for the use of the public works in passing the above timber, amounted to over ( $\$ 50,000$ ) fifty thousand dollars.

In respectfully submitting the above,

> I have the honor to be, sir,
> Your most obedient servant,
> (Signed) Horace MERRILL, Supt. of Ottarva Works.


OTRAWA WORKS,--PERMANENT STAFF.

1. Horace Merrill, Superintendent of Ottawa Works.
2. David Scott, Clerk of Ottawia Works.
3. Duncan Graham (Collector of Customs, Ottara), Paymaster:
4. George Johnson, Messenger, Superintendent's office.
5. Hiram Crosby, Dy. Slide Master, River du Moine.
6. Moses Holt, senr., " " Joachin Station.
7. James Rowan, "" Petewawa River.
8. Duncan Carmichael, "": Calumet Station.
9. Walter Thompson, " Mountain Station.
10. James McLaren, " Portage-du-Fort Station.
11. James Barry, High Falls Station (Madawaska).
12. Duncan Macfarlane, Chats Station.
13. John Macdonald, Chaudière Station.
II.

Men occasionally employed on the Ottawa Works during the running scason, in addition to the regular staff:-


Carillou Dams... .... 1 acting deputy slide-master about 5 months...... 130<br>Ottawa Work.......... 1 foreman on booms";<br>28 Total days' work of men ...................... 2,873<br>-<br>Ortaws, 25 th January, 1864:<br>The above is a true statement, to the bost of ny knowledge and belicf.<br>(Sigued) D. Scorr,<br>Clerk of the Ottawa Works.

## APPENDIX $\mathbf{T}$

## Superintendent's Office, St. Maurice Works, Threc Rivers, 14th December, 1863 .

Sin,-In cumpliance with your instructions of the Ath instant, I beg to submit my aunual report on the state of the St. Maurice River Works for 1863.

During the season how closed the St. Maurice works hate been carried on with much success, giving, I belicre, catire satisfaction, so far as the management of the works were concerned, to cvery lumber merchant upon the river: With the exception of one piece of boom, which was broken at Shavencgan, butt which oceasioncd no loss of lumber, no accident has occurred during the year.

About the usual amount of busincss has been donc upon the river duriog the past season. There will, however, probably be a material increase during the "coming year, in consequeuce of the Amorican mills at this place, which have been idle for the past six years, soing again into operation.

The repairs recommended by me on the 27 th July, 1863 , and uthorised by the department on the 15 th September, have been made within the amount named in my approsimate cstimate.

It may be secn by reference to my leter of the 27 th July, above mentioned, that two small anchor piers and a scow for LaTuque, and one anchor pier and a seow for Shawenegar, will be reguired befor the opening of oavigation next spring. Probable cost. $\$ 400$.

It will be noticed that the cost of repairs in creases from year to year. This will occasion no surprise when it is considered that there ar: 43,181 lincal fect of expensive booms, 131 piers, 2,841 feet of side dams and 1,000 feet of slides, most of which are now about 12 years old.

The cost of repairs for the last four years has been as follows:-
Repairs, 1860
\$ 83791
Do. 1861..................... ........................................ 85044
Do... 1862 1,432. 48
Do. 1863
1,511 50

The cost of maintenance for several years past has varied but little. The following statement shows the expenditure for the past seven years :-

Do. 1858...................................................... 7,648 07
Do. $1859 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . \quad 7,23451$
Do. 1860........................................................." 6, 868 . 53
Do. 1861.............................................................. 6,603 05
Do. 1862................................................. ........." 7, 7,328 56
Do. 1863........................................................... 6, 68840
In my annual report for 1861, I represented to the departnient the necessity of building a small stone house (hangard) on the island lately purchased from Lambert, for the purpose of securing our ropes, chains and other material. The one now in use is situated nearly a mile from the main booms, in an out-of the-way place. It was broken open last winter and sonic articles stolen therefrom. It is bovered only with boards, and leaks so
badly as to injure the ropes, de., very much. A new one can be made for $£ 50$. I mould strongly recommend the expenditure.

The amounts asked for in this report are, therefore, as follows -
Anchor piers and scows...................................................... $\$ 40000$
Stone house at mouth......... . . ............................................. 20000
$\$ 60000$
The lumber trade on the St. Maurice is retarded to a very great extent in consequence of the inaccessibility of the timber. Those limits bordering upon the main river bave been worked so long that they begin to show sigas of cxhaustion; while to penctrate the interior by the way of the tributaries, so many obstacles prescnt themselves as nearly to amount to a prohibition. I am of the opinion that were some of the larger tributaries, such as the Mattatra, Vermillon and Bostonais, improved, it would be a great boon to the trade, and ultimately be a source of revenue to the Province.

I have the honor to be, sir, Your obedient servant, (Signcd.)

Henry R. Symmes, Supt.

## T. Trudeau, Esq.,

Secy. Dept. Public Works, Qucbec.


[^5]
## LIST OF PERMANENT OFFICERS

Employed on the Saint Maurice Works, and the amount of their Salaries for the year 1863.

(Signed)
HENRY R. SYMMES, Superintendent.

Three Rivers,
January 25th, 1864.

## APPENDIX $G$.

## REPORT OF THE SUPERINTENDENT OF THE METAPEDIAC ROAD.

> (Translation.)

Quebec, 22nd Jan., 1864.

## T. Trudeau, Esq., Secretary, <br> Department of Public Works, Quebec.

Sir, - In answer to your letter of the 20 th instant, in which you request me to report on the possibility of making use of the Kempt road for the contral division of the Metapediac road, instead of constructing a new road, as proposed.

I have the honor to report that by making improvements on the Kempt road it might be adopted for the central division of the Metapediac road, but the portion thus used will always be inferior to the north and south divisions of the road, especially as regards level, owing to the fact that many of the numerous hills which are found on it have a grade of one in four; the others generally of one in six or eight, wherens on the north and south divisions the steepest grade is one in tea.

If the Kompt road be adopted for the central division the improvements to be made will cost $\$ 17,252$, as follows :-

$$
274 \text { miles at } \$ 450 \text { per mile........................................... } \$ 12,262
$$

One bridge in the St. Pierre River.................................................. 1,509
One 6 " Metapedia River...................................... 3,500

$$
\text { Total............................... } \$ \$ 17,262
$$

In my humble opinion it would be more advantageous for the Department to have the central division made similar to the north and south divisions, adopting the new line pro-
posed; becausc, after the espenditure of the above mentioned sums on this portion of the
road, it will, owirg to its position, require repairs almost every season, and after some years will have cost as much as the other portions of the road, and will be much inferior to them in every respect.

I think it my duty to add that the Kempt road appears never to have been formed like an ordinary road. The timber was only cleared 12 to 16 feet wide, and the ground levelled, hence the centre of the road, being 12 to 15 inches lower than the sides, acts as a ditch.

Humbly submitted.
I have the honor to be, sir,
Your very humble servant, (Signed) Josepir Rosa, Supt. Metapedia Road.

## APPENDIX $\mathbf{H}$.

Ste. Flavie, 30th December, 1863.
T. Tredeav, Esq!, Secrctary,

## Department of Public Works, Qucbec.

Sir,--In compliance with your letter of instructions of the 4 th instant, I have the honor to submit the following annual report on the works under my charge for the year cnding the 31st Dec., 1863.

METAPEDRAC ROAD.
The works accomplished on the northern, central and southern divisions of this road during the year 1863, are as follows:-

## NORTHERN DIVISION.

Five miles of road, under contract, completcd. A truss bridge 271 feet long, $18 \frac{1}{6}$ feet wide, comprising three spans of 50 feet each, constructed over the River Métis.

Some portions of the road repaired.
All the work given out by contract on this division has been completed, with the cxception of two sections of about scren arpents each, which only require more crowning, and for whick a sufficient drawback has been retained to ensure their completion next spring, within the contract price.

The total length of now road now completed in this division is about $253^{3}$ miles.
There still remains 7 miles of road to be made through forest, and a bridge to be constructed over the "Riviere Blanche," to complete the last link unfinished between the River St. Lawrence and Lake Metapediac. The construction of these $7 \frac{3}{4}$ miles will be a great boon to the travelling public, as this part of the old Kempt road which they are now obliged to use, is very hilly and rough.

## CENTRAL DIVISION.

The two bridges of round cedar timber, which were given out by contract last year, have been completed. No other work can be done on this division until the line is lucated.

## SOUTHERN DIVISION.

This division of the road is passable throughout, and has been used this year by the mail-courriers and all travellers to and from Ristigouche.

A truss-bridge over the River Assetmetquagan, a bridge of round cedar timber over the "Three Islands Gulch," and 57 sections, making in all about 75 ? miles of road under contract, have becu completed this your.

There still remains 34 sections, forming an agorcgate length of about 8 a miles unfinished; 16 of these lots bave been abandoned by their respeetive contractors, of which seven lots have been given out by private contract, and the remaining uine will also have to be completed next ycar, at an advance ou the original contract price.

The total length of road comprised in this division from the forks of the River Metapediac to the residence of James Sillars, Esq., on the River Ristigouche, is about $38 \frac{1}{2}$
miles ; of this distance $13 \frac{1}{2}$ miles were commenced and nearly completed under Mr. Lefebwe's superintendeuce, and the remaining 25 miles were given out by contract last jear.

## KEMPT ROAD.

The temporary repairs of the Kempt road, which were commenced last year, have heen completed, and the flooring of the bridges over the Rivers Metapediac and Causapscal repaired.

The following statement of the amount expended during this year does not include the amount expended on the southern division of the road last spring, while under Mr. Lefebvre's superintendence.

Total amount expended on the Metapediac road during the year 1863:
NORTHERN DIVISION.
Cost of repairing portions of the road, including the replacing of a burnt bridge, by a large culvert and cmbankment
$\$ 8437$
Amount paid on contracts given out last year............... $6,0745 \%$
Amount paid to contractors for extra work
850

CENTRAL DIVISION.
Paid balance duc on contracts for two bridges completed
this ycar..........................................................................


14007
$\longrightarrow \$ 6,16739$

SOUTHERN DIVISION.
Cost of repairing portions of the road....................... $\$ 4800$
Amount paid on the contracts given out...................... 20,032 60
Amount paid contractors for extra work...................... 72314
$\longrightarrow \quad 20,8037$.

## KEMPT ROAD.

Paid balance due on contracts for repairing portions of
road, and for building a pier under the Causapscal
Bridge.............................................................. $\$ 181 \quad 71$
Paid for repairing bridges over the Rivers Metapediac
and Causapscal........................................................ 8150
263.21

METAPEDIAC AND KEMPT ROAD.
Cost of superintendence, general and incidental expenses,
\&c., up to 31st December, $1863 \ldots . . . . . . . . . . . . . . . . . . . .$.
$\$ 3,646$
66
Cust of outfit for the survey of the road.
6655
14007
Total expenditure................................. $\frac{3,71321}{\$ 31,08762}$

Estimate of the probable amount required to complete the Mctapediac Road, and to pay the balances due on existing contracts:-

## NORTLEER DIVISION.

Balance due on existing contracts .......................... $\quad \$ 70.39$
Making 73 miles of road through forest, @ $\$ 1,100$ per mile

8,525.00
A bridge over the "River Blanche" $18 . . . . .6 . . . . . . . . . . . \quad 2,200.00$
Repairing portions of road made in 1860-61, and completing portions made by day's labor last year. 500.00

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I bog leave to refer you to my letter to your Department, dated the 20th November, 1863, enclosing a statement sliowing the number of persons employed on the works this year, the salary paid to each, and the nature of their duties; and to inform you that the cost of superintendence would have been much less, and the service would have been more efficiently performed, had I been allowed to choose my own assistants; as, when employés are appointed directly by the department, or through the influence of the Member for the county, they generally fecl quite independent of the superintendent, and do not pay a due regard to his orders.

## matane and cap chatteroad.

In accordance with a letter of instructions from the Department, dated the 21s ${ }^{t}$ October, 1863, authorizing me to expend one thousand dollars in repairing the Matane and Cap Chatte road, the work of securing the pier supporting the bridge over the Riviere du "Grand Mechin" was commenced on the 26th of October, and completed in November; but owing to the latencss of the scason, only a few of the worst portions of the road were repaired.

In the beginning of this month (December) I set men at work to "get out the necessary timber for the construction of a bridge over the "Ruisseau à Sem;" this bridge will be about 200 fect long and 38 feet high, and, when finished, will avoid two very dangerous hills.

There still remains about ten miles of road to be repaired, and a bridge to be con-structed over" the "Ruisseau a la Wapper." The banks of this stream are steep and dangercus, and a bridge is very much wanted.

The amount required to build this bridge aud to repair the ten miles of road next summer will be about $\$ 1,725$.

## TEMISCOUATA ROAD.

No work has been done on this road, to my knowledge, during the year 1863.
There still remains 18 miles of road to be completed, and serious repairs are necessary in a great may places.

> I have the honor to be, sir,
> Your most obedient servant,
> (Signed)

Supt.
APPENDIX $\mathbf{I}$
Statement shewing the result of the proceedings before the Official Arbitrators in 1863.

Provinge of Canada for Propincial Steamers, in account current with Department of Public Works.


## APPENDIX $\mathbf{L}$.

Cedars, 21st October, 1863.
T. Trudeau, Esq.,
Sceretary of Public Works, Quebcc.
Srin,-I bog to transmit you herewith the detailed estimates shewing the probablecost of repairing the landing piers on the north and south shores of the St." Larrrence,below Quebec. (Not printed.)They would have been furnished a fortnightago, had I not been sent off unexpectedlyto Lindsay.The amount required to put each pier in a proper state of repair, or to restore each toits proper condition, has been estimated tbus, viz:-
At Eboulements, on north shore. ..... $\$ 34550$
Malbaic, ". " Part of jron required is in Mal. ..... 281.03
baie Jail
At Berthier, on south shore. ( $I$ am not aware that any repairshave been done to this pier hitherto)...............................................40320
At liIslet, on south shore. (More traffic at this pier, apparently,
than at any of the others. Some plank and timber on the spot) ..... 58305
At Rivierc Ouelle, on the south shore ..... 15166
At Riviere du. Loup, on the south shore. ..... 57224
At Rimouski, " " " (Exclusire of new rork done) ..... 67412
Total probable cost of repairs ..... $\$ 3,010$ S0

The repairs to ba done consist chicfly in the replacing of the iron straps, fenders, sheeting and planking torn off from the ends and sides of the piers, and from the slips thereof, by the ice or the vessels frequenting the same.

In other respects all the piers are generally in rood order. This, I believe, is the ninth or tenth jear since they were constructed. Their present condition shows that nothing has been expended on them hitherto, but what was essential to render them substantial and durable, and that the work formerly doue has been well done in its most important parts.

## IRON STRAPPING AND ${ }^{\text {E }}$ OLTS.

In repairing the iron work it is advisable that the heads of all the bolts for the straps to be put on, should be countersunk and the bolts should be ragged, as they will then be less liable to be drawn out, not unly by the ice, but especially by those who, I an told, make it a practice to tear off the iron strins and to dispose of them afterwards; when the straps are torn off by iec, or vessels, they fall generally into the rivers, where several of them have been already found aud might still be found if a slight remuneration mas offered to the boatmen at each locality. Some of the angle straps are fastened party rith copper bolts; although these resist the action of the salt water better than the iron bolts, because the heads last longer, their use is not advisable, because, in the first place, they are too expensive, and, in the second place, they offer too much temptation to dram them out.

## FENDERS:

Many of the fenders have been torn off for the want of proper hads to the bots: this should be provided against hereafter. The L'Islet and Rimoushi piers are those that have suffered the most in this respect; there and elsewhere several of the fenders havel been either split in two; or almost frorn array by the ice; the nert fenders should be of tamarack, red pine or black birch.

## ZINC COVERS FOR SNUBBING POSTS:

At most of the piers the zinc corcrs nut on the heads of the suubbing posts havelbeen cut through parposely with axes, or pierced with musket shot, nails, walking canes and otherwise, against which cast iron covers alone would be secure; but these, of course, Would be two expensive, owing to the great number required and the price of each, say
\$4. I have, thercfore, cstimated new zinc covers, of No. 15 zinc, to restore the damaged, or missing ones, to preserve the posts against rot. With the exception of Berthier, where nearly all the posts are decayed, the posts elsewherc appear to be generally sound ; those at Berthier are of elm, which seems to account for their rapid decay.

## FLOORING AND SIDEWALKS.

At Berthicr all the planking at the outer end of the pier and part of that on the sideralks is decayed and requires renewal, together with the kerb-pieces or binders. At L'Islet a portion of the planking and kerb-pieces on the top of the pier is worn out, owing to the cartage and piling of large quantities of firewood, of which there were upwards of 40 cords ready for loading at the time of my inspection. Any replanking done hereafter on the tops of the piers should be fastened with 6-inch nails of abont 14 to the pound, instcad of spikes, which would save a considerable quantity of iron; the planking of some of the graatest thoroughfares of Quebec is fastened with such nails, which are found to be quite sufficient, after an experience of several years.

## PAVING" OF SLIPS.

The slips at Malbaie and L'Islet are those that have suffered the most, and where reparing is the most urgently required; they should be repaired this fall if possible.

## SLIDE TTMBERS.

The slide timbers at the end of the piers at l'Islet and Riviere du Loup, at or near the line of low watcr of spring tides, require to be repaired to prevent the escape of the stoue filling ; a few pieces of timber, if put in immediately, would secure such portions of the works against further damages during the coming winter.

At l'Tslet, part of the plank and timber required is already on the spot.
The first three piers to be attended to, therefore, are those of l'Islet and Riviere du Loup and Malbaic.

If the season was not so far adranced, it would have been desirable to do all the repairs this fall, in order to secure the piers against still further damage during the winter.

If, with the exception just noted, the repais are postponed until next spring, I do not, horever, anticipate any material damase, excepting the loss of some of the iron strapping -Several straps ou the :ugles and sides of the piers being partly loose for the want of proper boiting: but these might be secured at once, during one tide or two, by a couple of men provided with 6 and 9 -inch spikes at each of the piers.

Apart from the item of repairs cnumerated in the estimates, it is possible; that there may he otlecrs required"near the line of extrenc low water of spring tides, especially at the outcr conds of the picrs, when the iec appears to do the greatest damage, and which I could not see, the water not boing at its lowest level.

The tolls that might be levied, and the regulations necessary for the future maintenance of varions lauling piers, will form the subject of another letter, so soon as other important matters now being attended to, will be disposed of.

> I have the honor to be, sir,
> Your most obedient servant,
(Signed) G. F. Bamlarge.
No. 1-STATEMENI'shewing the opening and closing of navigation at the Ports of Quebec, Montreal, and Kingston ; (furnished by


No. 3.-Tho following (able, faken from the report of the Canal Commissioneri of the State of Noir York, shows the date of he opening and closing of the

APPENDIX
STATEMENT of the amount of produce recoved at Port of Montreal by Steamers and all other Vessels, via the St. Latrence Canals, during the navigable season of 1861.
Tacminis Canal Oprions,
Montreal, 25th Janeary, 1864

## APPENDIX 0.

 LACHINE CANAL.Statement shewing the number and classof Vessols and Freight which passed Downwards and Upwards through the Lomhan Canal during the following mentioned years.



## REP0RT

# Commissioner of Crown fands 

## OF CANADA,

## FOR THE YEAR 1863.



QUEBEC:
PRITTED FOR THA COKTRACTORS, BY HUNTER, ROSE \& CO, ST. URSULE STREET.

## GONMENTS.

Lower Canada:-
Crown Lands.
Clergy Lands.
Jesuits' Estates.
Cruma Domain.
Seigniory of Lauzon.
The" late Sir John Caldwell's Estate.
Upper Canada:-
Crown Lands.
Clergy Lands.
School Lunds.
Canada:-
Ordance Lands.
Woods and Forests.
Indian Affairs.
Fisheries.

## Surveys:-

Upper Canada.
Lower Canada.
Colonization Ronos:-
Uppof Canada.
Lower Canada.
General Obeervations.

## REPORT

OF THE

# Commissioner of Cromn Lands 

OF CANADA, FOR" 1863.

> To His Excellency The Right Honorable Charles Stanley, Viscount Monck, Baron Monck of Ballytrammon, in the County of Wexford, Governon General of British North America, etc., etc., etc.

## May it Please Your Excellency:

I have the honor of submitting to Your Excellency the following report of the proceedings, transactions and affairs of the Departuent of Crown Lands, for the year ending on the 31st December, 1863, in conformity with the provisions of the 8 th Section of the Public Lands Act, commencing at usual with'statistical details, and concluding by general observations.

## LOWER CANADA. <br> CROWN LANDS.

The sales during the year amounted to 235,390 zacres ; the purchase money to $\$ 121,-$ 070.77 ; and the receipts to $\$ 75,981.02$.

On the Colonization Roads 6681 acres were located as free grants to actual settlers.
To the 5, 008,557 acres disposable at the commencement of the year, 337,461 acres were added by surveys, making a total of 6,$246 ; 018$ acres, from which deducting the sales and free grants, 242,071 I acres, a balance" of $6,003,9463$ acres remains on hand.

## CLERGY LANDS.

Forty-four thousand six hundred and three and two-third acres were sold in 1863 , which, deducted from the quantity remaining unsold at the commencement of the year, $355,998 \ddagger$ acres, leaves a balance of $311,394_{6}^{5}$ acres still disposable. The price of the lands sold during the year is $\$ 33,913.20$, and the gross amount received in payment of instalments, rent, \&e., was $\$ 3 \mathrm{~s}, 766.18$, from which taking the refunds and commission, $\$ 7,550: 81$, there remains a net revenue of $\$ 30,915: 37$ on account of the "Lower Canada Municipalities Fund,", Consolidated Statutes of Canada, chapter 25, section 6.

## JESUITS'ES'ATES

The gross amount collected from these estates in the year 1863 , amounts to $\$ 30 ; 320.61$. Of this sum, $\$ 16,320: 15$ are capitals of sales of property and rents to passing of Act 19 Yictoria, chap. 54 (Consolidated Statute of Lower Canada, chap 15), and appertain there-
fore to the "Lower Canada" Education Investment Fund," under the provisions of said Act; the balance, $\$ 14.000 .46$, being revenue accrued since said Act, goes to the "Lower Canada Superior Education Income Fund."

The expenses amount to the sum of $\$ 2,626.34$ and consist of agents salary, commis. sion and disbursenents, law costs, costs of copies of deeds and Reconnaissances, both of which latter are hereafrer re-collected by the Crown.

The net receipts thus rewain at $\$ 27,694.27$.
Finding that the lessee of the large and valuable farm belonging to the estates, and situate at Betuport, near Quebec", known as the "Notre Dame des Anges seiguiorial domain farm," who had rented it in 1859 on a seven years'lease, at $\$ 704$ per annum, was unable to meet his engagenents, the lease was cancelled by mutual consent, and the property sold at auction in May last. The Serninary of Quebec became the purchaser for the sum of $\$ 18,200$, besides $\$ 100$ to corer costs of sale. Of this price they have paid $\$ 6,000$ cash. and the balance is to be liquidated by three annual instalments, with interest quarterly. By this transaction the estates will receive, by way ot interest, nearly double the rent derived up till now from the property, and that without expense for insurance, repairs, or risk of loss from non-payment of rent.

The Department also disposed of ancther property belonging to these estates, in 1803 , viz.. the Bunal mill of the seiguiory of Cap de la Magdeleine, situate within a league of Three Rivers' This property whs held under an emphyteotique lease for 21 jears from 1850. at $\$ 281$ par ammon. The lesse had been very unfortunate in his latter occupation of this nill having laid out several bundreds of pouds in uselessly making a canal to increase the supply of water, and in re-building the dam which had been carried away; when the abolition of the droit cer brivalite in adjoiniag seigniories, by inducing competition, had a seri us effect in reducing the revenue of the property. One of the gables of the building, which is of stone and a very old structure, having given away, the mill was stopped, and the lessec having reported that he was unable and unwilling to reconstruct it, a reduction was made in the arrears of rent he owed, for the loss of banalite and stoppage of the mill, and the lease being cancelled with his cousent, the property was sold at auction. $\$ 2,040$, with $\$ 50$ to cover costs of sale, was the sum realized-the price payable one-fourth cash; and the balance as in the case of the Beauport farm. Security was taken that the mill would be repaired, and it has since been put in order, and is now working. It is believed that the property has bern sold for its present full value.

In buth the abovesales. care has been taken to provide against loss by fire, by an insurance at the cost of the purchascrs, as customery, though in the case of Beauport farm, the buildings are of small consideration, the main value of the property being the land.

The larye and increasing arrears due on these estates have again specially attracted the attention of the Department during the past year, and it being considered that the regulation $a^{2}$ d collection of these arrears could be effected by the local agents, under the direction and supervision of the officer of the llepartment having the charge of this branch of the service, the Order in Council, passed in ] 857 , specially appointing Mr. Varin, of Laprairie, general agent for the purpose, has been cancelled. In January, 1861, Mr. Varin had been appointed Seigniorial Commissioner, and the estates have obtainedarefund from the seigniorial account of his salary since said appointment, minus the commission on his collections for that time as Gencral Agent, which would have been paid thereon had his office of General Agent ceased when he obtained his appointment as Commissioner. Mr. Varin's services as Local Agent for the estates in the District of Montreal are continued.

The debtors in the estates have been required to pay at once theirirents for 1863 , and to settle by Keconinaisances for the arrears they owe, for which a reasonable delay will be alluwed; those failing to comply with these terms will ke sued, and, after every effort has been used to induce these debtors to settle and liquidate, in an amicable manner their just indebredness towards the Crown, it will be their onn fault if by repeated obstinacy they uselessly incur costs in addition to the sums they owe. To the poor nond veedy debtor, whose lot may not be worth the amoust of the debt due on it, such compromise will be proposed as the interest of the istates will warrant.

An inducement his been offercd to the Censitcires of the Crown Seigniories to redeem their Censs and Kentes by allowing a deduction of twenty five per cent, on the capital pay able cash. Bythe liquidation of these capitals the trouble and expense of annally col
lecting the rent, which is small, will be obviated. Tt is hoped that many will avail themselves of the offer:

The Siuatters settled on the lotson and near the Piles Road in the Seiguiory of Cap de la Magdeleine, having failed to comply with the repeated notifications to purchase, previously made by the Department, the land was advertised for sale at auction in Sanuary 1863, and the price, which tho settlers had always strongly objected to as too high, being reduced to 50 cents an arpent, nearly all the Squatters came forward and settled cither at the time of the sale or since. 4,816 arpents, have thus been disposed of. A further and last opportanity till 1st March nost, has becz given to those still holdiug back, who, in justice to the others who have complied with the Government terms, should be forced to settle.

For receipts and expenses in detail, see Appendix No. 14.

## CROTN DOMAIN.

$\$ 15,1 S 9.11$ have been realized from the Royal Dowain in Lower Canada, in 1863, being \$6,466.98 Lods et Ventes, Cens et Rentes, \&e., Censives of Quebec and Threc Rivers, $\$ 2,070.75$ second instalment and interest on sale of St. Maurice Forges and lands, and $\$ 6,651.38$ on beach and deep-rater lots, -the latter consisting to a large exteut of tumounts on account of the sale of this deseription of property in Gaspe Basin and Harbor, the survey of which having lately been completed, nearly 40 lots werc disposed of there in 1863.

The expenses comprising agent's salary, commission and disbursements, besides refunds, aud a considerable sum for costs of copies of deeds, received back by the Department in judicial cases, amount"to $\$ 2,134.51$, leaving the net revenue at $\$ 13,054.60$.

See Appendiz No. 16 for detailed statement.

## SEIGNIORY OF LAUZON.

This property produced, in the year 1863, the gross sum of $\$ 9,040.68$.
The expenses; consisting of proportion of agent's salary and of disbursements, amount to $\$ 860.81$, reducing the revenue to $\$ 8 ; 179.87$ net.

The purchaser of the St. Henry Trait Quarré mill, sold in 1855, having represented that the effect of the abolition of the droit de banalite had made it impossible for him to liquidate his liability towards the Crown, it was decided by "an Order in Council to take back the property and treat him as a terant. This being done, the property was again sold in May last. The mill was put up siparately from a farm which was attached thereto, and the sum realized for the former was $\$ 1,360$, and for the latter 8622 , both being payable by five instalments.

For details of sources of revenue, see Appendix No. 15.
THE LATE SIR JOHN EALLWELL'S ESTATE.
A large sum of money is still due to the Crown by the estate of the late Sir John Caldwell, in virtue of the judgment'obtained by Her Majesty for the amount of Sir John's indebtedness to Government.

The revenues arising frow the Seigniory of Lauzou; formerly his property, previous to its having been purchased by the Crown, at the Sheriff's sale which took place in 1845 under the above judgment, were received by the late A. A. Parent, Esq., the Curator appointed to the vacant estate ; these were, on several occasions, accounted for to Court by Mr. Parent, and the Crown collocated For considerable sunns. For some years pust, however, there remained over a report of the Curator, no action having been taken to have it homologated, and the consequence was that the sum then in hand remained in Mr. Parent's possession, with the moneys subsequently received by him. This fact came to the knowledge of the Department, and although not then specially entrusted with this business, the attention of the Crown Law Officers was some time since, nevertheless, by it directed thereto, with the object of obtaining a full report from the Curator, and having the moneys paid up to datev, Mr. Parent being old and infirm, the advisability of appointing Mr. Félix Fortier, the agent foi the Seigniory of Lauzon, in hisstead, was at the same time suggested. Mr Parent since died, and Mr. Fortier, upon the action of this Department, was named by assemiltee :de parents, in his lieu and place, and the proper steps were at once taken by the later to receive from the late Mr. Parents representatives the sum in liand at
the time of his death. This amount has becn paid over to Mr. Fortier. By Order in Council of the 16 th December, 1862, this office, which had thus taken the matter in hand, was authorized to receive from the Court the moneys for which the Crown might be collocated, and entrusted with the settlement of all matters between the Crown and the estate. But for the action taken by offeers of this Department, it is probable that this matter, which had been so long neglected, would still be unattended to, tud the Crown have continued to lose the use of the moncys it is entitled to receive. The sum in hond, as declared by the late Mr. Parent, in court, amounted, in 1847 aione, to reieriy $\$ 3,600$, and the sum received by Mr. Fortier from Mr. Parent's estate, with that since collected by him, reaches over $\$ 8,500$. The proper legal steps having been taken to cruse this sum to be paid over to the Department (after deduction of disburscments, (ic., and costs), it will be accounted for in 1864.

## UPPER CANADA. CROWN LANDS.

At the commencement of 1863 there were $2,839,358 \frac{1}{2}$ acres of surveyed Crown lands on hand,-in addition thereto, 289,737 acres were subdivided, making a total of $3,129,095$ d acres, of which 91,069 acres were sold, and 9,239 acres located as free grants on the colonization roads, leaving a balance of $3,0 \geqslant 8,787 \frac{1}{2}$ acres disposable at the end of the year.

The purchase money of the lands sold during the year is $890,430.73$-the amount collected $\$ 171,021.09$.

## CLERGY LANDS.

There were 11,912 acres sold during the year, leaving 82,9253 acres disposable.
The price of the lands sold during the year is $\$ 27,674.26$.
The gross amount of collections was $\$ 132,970.10$; the disbursements, including commission and refunds, $\$ 28,532.71$, leaving a net addition to the "Upper Canada Municipality Fund" of $\$ 104,437.39$.

GRAMMAR SCHOOL LANDS.
One thousand five hundred and eighty acres of these lands were sold, leaving 50,134 acres still in the market. The purchasc money of the laods sold during the year is $\$ 1,198.90$. The gross receipts, $\$ 7,887.73$. The ate procceds, deducting commission and refunds ( $\$ 1,577.53$ ), were $\$ 6,310.20$.

COMMON SCHOOL LANDS.
The sales during the past ycar, of the lands set apart under the authority of the Act 1 th Vic., cap. 200, for creating a Common School Fund, amounted to 3,370 acres, leaving only $6,397_{10}^{3}$ acres unsold.

The purchase money of the quantity sold in 1868 amounted to $\$ 10,05065$. The gross receipts, to $\$ 128,390.25$. The commission and refunds, to $\$ 27,959.71$. The net income of the year, to $\$ 100,430.54$.

The total net amount realized from these lands, up to 31st Decomber last, is $\$ 1,010,495.93$.

CANADA.
ORDNAN゙CE LANDS.
The receipts for the year amuunted to $\$ 21,905.88$. The expenditure to $\$ 6,904.98$; of which $\$ 209.59$ were for law costs, rofunds, and discount ou silver received in payment of lands, and the balance ( $\$ 5,995.39$ ) was the Ordnance Laud agent's disbursements."

The amount of revenue accrued from timber dues and ground rents during the year 1863 was $\$ 277,389.11$, and from wlide dues, $\$ 62,185.99$; making the total accrued from
these sources, $\$ 3 \$ 9,575: 10$; which amount includes $\$ 7,364.79$ for other services, viz :Clergy, School, Indian, and 'Jesuits' estates.

The amount of revenue collected from timber dues and ground rents, was $\$ 395,700.11$; and from slide dues, $\$ 72,763.05$,-making the total revenue collected during the year 1863 , $\$ 468,463.16$; in addition to which the sum of $\$ 7,364.79$ was collected for other services, viz. 'Clergy, School, Ivdian, and Jesuits' Estates; and $\$ 27,324,30$, value of settlers' timber. Total, \$503,152.25.

The charges of management for collecting timber dues and ground rents are $\$ 25,927.87$. and for collecting slide dues, $\$ 1,000.00$, making the total cost $\$ 26,927.87$. These charges do not include the silaries of the Woods and Forests Branch at hend-quarters, nor the following sums: $\$ 3,235.32$, refunds; $\$ 5,474.08$, transferred ; nad $\$ 1,106.15$ for surveys, specimens of Canadian woods, special services, \&cc. . .

## INDTAN AFFAIRS.

The receipts for lands and timber in 1863 were $\$ 70,763.78$; interest on investments, S68,756.36; annuities and grants, $\$ 35,020.01$, making a total of $\$ 174,540.14$. The payments, comprehending annuities and interest money to [ndians, salaries, surveys, and incidental expenses, amounted to $\$ 147,816.54$.

At the commencement of the year the total sum, as represented in the books of this Department, at the credit of the various Indian bands, was $\$ 1,484,653.93$. At the close of the year, from payments of instalments on, lands, from new sales, timber, \&c., the amount, after paying salaries and all other charges, was $\$ 1,530,288.40 ;$ showing an increase of $\$ 45,634.47$. This would have been further augmented to $\$ 67,620,39$, had the interest for the quarter, amounting to $\$ 21,985.92$, due on the 31 st December, 1863 , been credited, as was done in the year 1862, to Indian funds. This sum will come into the accounts of 1864.

The smaller amount realized in 1863 from land and timber, as compared with 1862, is owing to the fact that the lands sold in 1863 were generally of an inferior quality, and sold at lower rates.

## FISHERTES.

The report for last year refers to certain defective and contradictory provisions of the fishery laws which it is desirable to amcnd, and to alterations in the system of disposing of fisheries, such as might be adopted with advantage to the public and to fishing interests. Owiog to the abrupt termination of legialative business in the last Parliament, the requisite amendments could not"be completed. These defects are such as would seriously impair any improvement in the organization of the fisheries' service, and hinder effectual operations under the present statute. Consequently, I have not sought any extension of the system of leasing and licensing fisheries heretofore in practice, but merely continued temporary arrangements throughout the past season.

In' point of economy this year's expenses abundantly prove that much can be sared from outlay for current disbursements, by strict official control. Numerous expenses had been allowed at the mere discretion of fishery offeers, vested by law with some independent powers. Many of the expenses thus incurred were not justified by results discoverable on critical inquiry. Other expenses, also, have occurred at the instance of different departments. Charges became srafted on the expenditure which bore no practical relation to the maintenance of the service. Waiting legislation, these faults are partially remediedby concentratiug in my Department authority for each outlay, and by denying every expense that does not appeur to be indispensably necessary.

Compared with the expenditure of 1862, that for the past year shows a reduction of upwards of fire thousund dollars. The whole cost of the service, in Upper Canada, during 1862 was $\$ 6,665.19$, and in 1863 it is $\$ 4,937.88$; a decrease of $\$ 1,727.31$. In Lower Canada, for 1862 it was $\$ 29,389.10$, and in 1863 it is $\$ 25,720.68$; being $\$ 3,668.42$ less. For both sections of the province the total difference amounts to $\$ 5,395.73$. It should be remarked, that the bulk of this decrease consists of reductions in' the contingent expenses of the fishery officers, the habitual outlay which would have continued as a matter of course, forming part of the expenses reckoned for 1863 are in excess of the previous years; but these could not be controlled by the department. One is the amount payable for fishing
bounties, and the other is the cost of extraordinary repairs rendered necessary by the wreck of La Canadienne in the preceding year. These added together make asum of $\$ 7,048.62$. I keliere, if an efficient law be yassed, that all needful protection and increasing development of the fisheries of both scctions of the Prorince, can be attained at still less expense than at present.

The leases granted by my predecessors terminate on the 15 th March, 1864. It was," therefore, necessary to advertise in advance for tenders and proposals to renew. This I have done, limfting the time for receiving offers to about the end of February next. In order that new leases may commence with an improved system, it is hoped the Legislature will, at its approaching session, amend the fishery laws.

Actual collections from fisheries to the 31 st December, amount to $\$ 6,213.28$. This sum is composed as follows:-In Lower Canada-rents on leases, $\$ 3,913.26$; fees on licenscs, $\$ 1,762.75$; fines, $\$ 60.05$; and in Upper Canada-license fees, $\$ 477.22$.

Claims for fishing bounties, to the amount of $\$ 9,035,50$ for the year 1862, were paid in this year. Those for 1863 are not yet complete. The amount of those already notified is $\$ 6,157.50$. Those in abeyance may be estimated at $\$ 3,320.00$. By departmental notice of the ilth of May, I caused all documents relative to bounty claims to be sent direct to this office. Subsequent scrutiny has led to the detection of gross irregularities and evasions, arnounting in some cases to fraud. Closer attention has thus been attracted to the operation of the bounty system, and towards faults of the statute which have favored laxity and tempted imposition.

Reports of the several officers engaged in protecting the fisheries will be found among the appendices. These reports represent the condition of our fisheries to be, on the whole, satisfactory.

## UPPER CANADA SURVEYS.

In Appendix No. 19 to this report will be found a statement showing the survers completed during the past year, with the name of the surveyor, and the cost thereof; it will also be seen thereby that most of the surveys cnumerated were ordered in the years 1860 ,' 61 and ' 62 , but only finally completed during the past year.

Instructions have been also issued for the subdivision into farm lots of the Township of Monck, part of the Township of Wylie, and residue of the Townships of Wollaston and Dunganon; also for the subdivision of the town plot of Muskokaville, and of Thorah Eskind, in Lake Simcoe, all of which will be in the market before the lst of Maynext. The surveys of four townships, namely: Shequiandah, Lssiginack, Howland and Bidwell, on the Manitoulin Island, are being procceded with, and will be returned for sale bifore the 1st of June next.

The rapid settlement taking place to the north and. west of the Muskoka River, in the direction of the Muskoka and Parry Sound Road, will soon call for a farther subdivision into farm lots of such townships in that section of the Province.

The surveyors engaged in the subdivision of Wylie, Monck, Wollaston, and Dungannon, report that they have met with considerahle tracts of hardwood lands, well fitted for settlement in these townships.

A colored map of part of the Ottawa and Huron Territory, shewing the character of the country with respect to timber and soil, accompanies the appendix. This map has been compiled from the timber maps furnished by the surveyors who subdivided the townships into farm lots.

Maps of the country north of Lakes Huron and Superior will, also be found accompanying the appeodix.

## EOWER CANADA SURVEYS.

The surveys performed in Lower Canada, as enumerated in the accompanying annual statement of land'surveyed and laid out into ranges and lots, and of the exploration and tracing of certain lines of road for colonization purposes, during the year ending 31 st December, 1863, are more or less scattered over elevencounties, comprised in the following districts, ammely: Ottawa, St Francis, Yamaska, Quebe, Beauce, Rimouski, Chiooutimi, and Gaspe.

## OTTAWA.

In the District of Ottawa, the survey and subdivision into lots of the residue of the Township of Egan; as also a re-survey of part of the primitive survey thereof, were effected, comprising together an area of 73,570 acres of land, besides a division into lots of the triangular tracts in the Iownship of Leslie, containing together 2,100 acres of land, urgently required by the actual settlers in the township.

ST. FRANOIS.
In the District of St. Francis, a large proportion of the Townships of Ditton, Chesham and Woburn, almost centrally traversed by the proposed colviization rosd leading from Bury to the Arnold River, in the Townsh'p of Wobura, was laid out into lots and ranged for actual settlement, back from the ranges already surveyed fronting on the proposed road line, prescating, together with the verificd part of the primitive subdivision of the Township of Marston, over 1,400 lots for actual settlement, of 100 acres each, and containing, including broken lots, 140,748 acres of land.

YAMASKA.
In the District of Yamaska, a survey of some importance, to establish the boundaries of the property of the St. Francis and Abenakis tribe of Indians, on the River St. Francis, was carried out under the authority of the Attorney General. East.

QUEBEC,
In the District of Quebec, a line of road of considerable im portance, in the interest of colonization and settlement of the public lands back of the seigaiories in the neighborhood of Quebec, was traced and marked in the field a distance of ten miles and a balf, counecting the settlements of the Parish of St. Raymond, on the River Sie. Anne, and pssing turough the Township of Gosford, with the old settlements situate in the seigniories of St. Cabriel and Fossambuult, and with the public road leading therefrom to the City of Quebec.

## BEAUCE.

In the District of Beauce about fifty miles of road line were ran and marked in the field, from the chapel in the 8 th range of Cranbourne, County of Dorchester, on or near the present Government roid, leading from St. Edouard de Frampton, traversing the reuaining southerly ranges of this townchip and the whole breadth of the township of Watford transpersely, and then obliquely through the Township of Leniere, to its intersection with the Kennebec Road half a mile north of the chapel at the "Grande Coudé" river, a tributary of River du Loup.

Another road line, connecting the River Etchemin, in Cranbourne, with the River La Famine, in Watford, was also run and marked, and lots laid out fronting the same, which, together with the rear lines of the road ranges, aggregate 141 miles of survey. Also another line of road was traced and marked on the right bank of the River Chaudiere, in the Connty of Beauce, from the southern limits of the seigniory of Aubin-Delisle, traversing the front of the Townships of Jersey, Liarlow, Rixborough and Spalding, to the outlet of Lake Megantic, a total distance of 32 miles. This line of road obtains considerable importance from the two-fold reasons of its traversing generally good and favorable lands for agricultural purposes, and leading through the now well established auriferous regions in this part of Lower Canada, and accordingly merits due consideration.

## RXMOUSKR.

In the District of Rimouski, the Township of Tessier, situate in rear of the seigniory of Matane, and containing 25,587 acres of land, was surveyed and laid out into lóss, also, the residue of the Township of Cabot, in rear of the seigniory of Metis, containirg LIF 528 acres. Part of this residue, lying on the sem Matapediac Road, was so laill out that the lots should front on that importan' communication to its juaction with the lands already surveyed on the old Kempt Road. A survey and verification of part of the Towiship of Denonvill, in the County of Témiscouata, was carried out, to meet the requirements of actal settlers, in the four front ranges of that township.

## CEICOUTIMI.

In the District of Chicoutimi, 38,980 acres of land, in the Township of Otis, situate on the south side of the Saguenay river, were laid out into lots and ranges. A range of lots on both sides of the St. Paul and Grand Bay Road was set off, as well also as around a very considerable lake, almost centrally situate in the township.

A large proportion of the projected Township of Boilleau, situate on the 48 th parallel of latitude, and traversed by the St. Urbain and Grand Bay Mail Road, to the extent of 33,101 acres, has been surveyed and subdivided into lots and ranges. The grand lake $\mathrm{Ha}!\mathrm{Ha}$ ! offers a favorable frontage for actual settlement on its borders. Also the arable extent of land, about 6,312 acres, was divided into lots in the projected . Township of Falardeau, situate in rear of the Townships of Tremblay and Simard; the aggregate area of the land laid out in this district being, therefore, 78,393 acres.

GASPE.
In the District and County of Gaspe, a survey en bornage, to establish the division line between the seigniory of Grande Vallée des Monts, fronting on the Gulf of St. Lawrance, and the adjacent lands of the Crown, was effected with the co-operation of the propristor, he defraying half the cost of survey, as customary in such cases.

The whole quantity of land thus laid out and subdivided into lots for actual settlement, in the counties"and districts of Lower Canada hereinbefore mentioned, aggregates 337,461 acres; the average cost of survey of which; including outlines, not exceeding $5 \frac{1}{8}$ cents per acre, and exclusive of outlines, a fraction over 4 cents per acre; accordingly ranging $1+$ cent less per acre than the average cost of surveys in the year 1862.

As regards the surveys of colonization road lines, which frequently involve many miles of exploration before fixing the best line for the road, the average cost does not exceed $\$ 20$ per mile for the road lines run and marked, as hereinabove stated, under the head of each district or county.

The undersigned has abstained from entering into any description of the topographical character of the tracts surveyed, as hereinabove enumerated, inasmuch as a full account and description of the land in each tract or township will be given in the abstracts of the surveyors' reports contained in the appendix of the annual report of the Cominissioner for the year 1863. All the foregoing surveys were performed under instructions issued in the years 1861 and 1862.

## COLONTZATION ROADS.

## CANADA WEST.

The Colonization Road improvements effected during the year 1863 are as follows:-
list Pembroke and Matawan. Fro:n the mouth of the Petewawa River to Chalk
River. A new road................................................................ 10 miles.
2rd. Addington. Repairs chiefly in the townships of Sheffield and Kaladar,
extending over............................. ................... ..................... 12
3rd. Addington. Extension of the same to intersect the Peterson. A new road. 16" "
4th. Hastings. Changes through the townships of Tudor, Faraday, Herschel and Monteagle. New road"........................... ......................... 25
5th. Burleigh. Extension of the same through Chandos and Cardiff, under contract. Not yet ccmpleted.................................................... 2
6 th. Victoria. From the north-west corner of Dalton to connent with the Peter-
$\qquad$
7th. Muskoka. Urincipally through the township of Stephenson. New road... 10
8th. Orillia and Muskoka Juaction, is a feeder to the Muskako, repairs....... 12 is
One huadred and nineteen miles have been thus improved, of thich 85 miles are quite new, -the remaining 34 having been repaired. For adational minorimprovements and details, see Superintendent's and Inspector's Reports in the Appendices Nos. 39 and 40.

Beside the above improvements, the following road surveys have been made during the year 1863 :-
1st. Change in the Hastings Road through the township of Tudor ..... 14 miles.
2nd. Extension of Victoria Road ..... 14
3rd: Change in Pembroke and Matawan Road ..... 20
4th. Parry Sound Road ..... 44
5th. Buckhorn Road ..... 34
6th. Crow River Road. ..... 40
PROGRESS OF SETTLEMENT OF THE UPPER CANADA COLONIZATION ROADS.

## THE ADDINGTON ROAD.

Owing to the scarcity of provisions arising from the failure of the crops in 1862 , some of the settlers have left,-the population is consequently less than last year. Although the season was favorable, the quantity of agricultural produce raised was, owing to the want of seed, not much greater than the jear before. 285 acres have been cleared during the year, and 150 acres chopped.

Mr. Perry, the resident agent, estimates the aggregate value of the settlers' produce for the year at $\$ 31,465.80$.

The employment afforded by the works on the road has been of great benefit to the inhabitants. For statistical details, see Mr. Perry's report, Appendix No. 26.

THE BOBCAYGEON ROAD.
Mr. Hughes, the resident agent, reports that the population on the southerly portion of the road has increased to $1,00 \%$-the number of acres cleared to $2,449 \frac{1}{2}$; chopped, $322 \frac{1}{2}$; and the crops much larger than in 1862.

The population has increased more rapidly than the free grants, as the old settlers have subdivided their lots, and sold portions to new comers. Mr. Hughes values the crops and other products of the settlers' labor, at $\$ 35,373.20$. (See details in his report, Appendix No. 28.)

On the northerly part of this road, which is under the charge of Mr. Boswell, there are 39 settlers, occupying free grant lots. They have cleared 144 acres. He values their produce at $\$ 4,407.80$. They have 63 head of live stock.

## THE HASTINGS ROAD.

Twenty-two new settlers have been located on this road during the year, making a total of 398 locatees in possession of free grant lots on it. Mr. Hayes, the resident agent, has also sold 7,200 acres of lands in the townships adjacent. " 817 acres have been cleared, or are in process of clearing making a total of 5,370 acres under improvement. Mr. Hayes values the crops and industrial products of the settlers on the road at $\$ 62,725.20$.

The crops were not injured by any kind of insect, rust, or blight, and were, in general, all that could be desired.

Saw and grist mills have been kept in operation during the year; several schools have also been kept open. The number of post offices have been increased, and the settlements have been regularly visited by clergmen of different denominations. For details, see Mr . Hayes' report, 'Appendix No. 29 .

## THE" MUSKOKA ROAD.

Owing to the facility of access and great extent of good land on this road, it promises to be the most important and prosperous of the colonization roads in Upper Canada. The population and agricultural produce have nearly doubled during the last year 613 acres have been cleared, and 200 chopped, and 47 houses and 13 barns built in 1803.

Mr. Oliver, the resident agent, values the produce of the year at $\$ 16,207.50$. The settlers have 222 head of live stock. He sold acres in the townships adjoining the road, in which there are now upwards of eight hundred inhabitants, who have already cleared about 1,200 acres and chopped upwards of 200 in addition. Mr. Oliver values the year's produce of these settlers at $\$ 23,034: 02$ making a total of $\$ 41,991.20$ in his agency.

A good harrest has rewarded the toil of the settlers, and grist and saw mills, taverns, stores, post-offices and school-houses are among the improvements of the year: See Appendix No. 30 for detailed stateuent.

## THE OPEONGO ROAD.

Twenty-three persons have taken lands on this road during the year; uine of these have taken the place of settlers who have voluntarily resigned their lots, and six have taken forfeited lots. Only eleven are bona ficle settlers; the others took the lots for the purpose of securing the pine timber on thew". 2,287 a res were under crop last year, which Mr. Fruch values at $\$ 50,7 \geqslant 8.66$. There are now eight common schools ou the road, well attended. For details, see Mr. French's report, Appondix No. 31.

## PROGRESS OF SETTLEMENT ON THE LOWER OANADA COLONIZATION ROADS.

TEE ELGIN ROAD.

Two hundred and fifty-eight lots have been located on this road, on which there are 93 actual residents. The population amounts to 470 souls. " 1507 acres have been cleared, and $741 \frac{1}{2}$ chopped. T..e settlers have 342 head of live stock. They sowed 1068 bushels of grain and potatoes; but, owing to the drought in June and July, and the frost in the beginning of September, the harvest was not sufficient for their support, and they were obliged to seek for emplogment in the lumbering establishments in their neighborhood.

Mr. Drapeau, the resident agent, estimates the value of their crop at $\$ 4359.30$, and of their other industrial products, at $\$ 3487.58$. For details, see his report, Appendix No. 33.

## THE TACHE ROAD.

On the south-westerly section of this road Mr. Drapeau has located 312 lots, on which are 160 families residing, forming a total population of 745 souls. 3034 acres have been prepared for cultivation, and 480 more are in process of preparation. The settlers have built 146 houses and 151 karns., They have 1009 head of cattle. Mr. Drapeau values their harvest (which appears not to have suffered from the drought and carly frosts) at $\$ 16,056.92$, and their industrial products at $\$ 8,913.37$. See his lheport before referred to.

On the north-easterly part of this road, which is cunder the superintendence of Mr. J. B. Lepage, there are now 21 settlers in actual occupation of their lands. 323 acres have been cleared, and 74 chopped. Mr. Lepage values the crop of last year at $\$ 1,584.77$, the product of domestic industry (woollen and linen stuff'), at $\$ 157.02$. The settlers have 179 head of live stock, valued at $\$ 1,462.50$.

## THE MATAPEDIA ROAD.

Mr. Lepage, who superintends the settlement of the lands on this road, reports that they are progressing rapidly. 74 lots have been located, 29 of which are occupied by actual settlers, who hare cleared $989 \frac{1}{2}$ acres, and chopped 186. He values their harvest of last year at $\$ 3,711: 76$, and other industrial products at $\$ 289.36$. They bave 363 , head of live stock, valued at $\$ 2,853$.

For further details, see Mr. Lepage's report, Appendix No. 34.
The Matane and Cap Chatte Road, on the south shore of the St. Lamrence, is 36 miles long.

Seventeen thousand five bundred and fifty-four acres on this road have been subdivided into lots for gratuitons location. 11,078 acres have been located, of which 9,322 acres are occupied by actual settlers. The first Free Grants were made in October, 1860.: There are now 110 families residing on the lots, 32 of whom settled last year. The total population is 576 souls.

Mr. Charles Roy, Provicial Land Surveyor, the resident agent, reports that the harvest of last gear was below the average, owing to the loss by fire, in July, of 100 bushels of graig"sown. This also lessoned the inorease of the live stock, as it diminished
the amount of fodder. There are $75 \frac{2}{2}$ acres fit for the plough, 1452 acres cleared and already chopped; and 943 acres being cleared.

Seven hundred and fifty five acres were under crop last year, yielding 14,209 bushels.
Mr . Roy values the crop of 1863 at $\$ 13,123$; the live stock at $\$ 6,112$; the produce of the fisheries at \$4,732. A church and two siw-mills have been erected.

## THE GULF ROAD:

The line of this road extends from Cap Chatte to the Great Fox River (a distance of 128 miles), connecting the settlements on the south shore of the Gulf of St Lawrence with the rest of the Provivce. The settlement of this road has also been entrusted to Mr. C. Roy. Only $14 \frac{1}{2}$ milcs from Cap Chatte down wards have been opened. The line for the residue was surveyed by Provincial Land Surveyor G. H. Baillarge, in 1861, as near the shore of the St. Lawrence as the nature of the country would permit, for the convenience of the different fishing establishments on the coast.

In 1861 the total resident population on the Crown Lands betiveen St. Anne des Monts and the River Magdalen, was only 95 souls; now there are 209. The settlers had 116 acres fit for the plough, $156 \frac{1}{2}$ cleared and cropped, and $167 \frac{1}{2}$ chopped. They had 163 acres under cultivation last year. Mr. Roy estimates their harvest at $\$ 2,361$; the live stock ( 200 head) at $\$ 2,007$; and the produce of their fisberies at $\$ 4004$. For further particulars; see his report, Appondix'No. 32

## GENERAL OBSERVATIONS.

SALES.
The quantity of public lands sold during the year 1863 was not quite equal to that of 1862. The falling off was in Upper Canada. In Lower Canada the quantity sold was slightly in excess of the previous year. The total anount of revenue from lands collected last year, as compared with 1862, shows a still greater diminution; the amount collected in 1862 being $\$ 701,890$, while that collected last year was only $\$ 555,016$. In my report for 1862 I anticipated these results, and stated the causes, which in my judgenent would sufficiently account for them. I see rio reason to qualify the statements then made. A large amount of arrears are still due for public lands, amounting nominally to six or seven millions of dollars. It is impossible to effect any considerable reduction of these arrears without a resort to measures of severity. The leniency of the Government in its past dealings with purchasers of public lands has induced a very gencral feeling of security against forfeiture or loss on account of the non-performance of their engagements, so that mere threats by the Department produce little effect.' In fact, the large accumalation of arrears operates rather to deter, than hasten payment. The hope of obtaining a reduction of the original price, as well as of the interest accrued upou it, which the Governmient has encouraged by its action in numerous cases, floods the department with applications from debtors to be relieved from paying their debts, or some portion of them. These applications are often supported by affidavits, petitions of municipalities, recommendations of members of Parliament, clergymen, \&ce, causing nuch labor to the subordinate officers of the department, and no. little trouble to is head The revenue of the department, however, is not much benefited by the correspondence. . Regulations were adopted in 1859 embodying the following provisions :-
"15. That prompt payment" in all cases be made of the essence of the contract, and any default to be on pain of forfeiture of all previous payments and of all right in the lands.
"16. That in the cases of sales alreidy made, payinent of arrears be required, and that public votice be given in the Official Gazette, and through the usual ohanjels, that unless such arrears be paid within twelve months from the first of January, 859, the land in respect of which default shall continue will be resumed by the Crown aud resold, and that in regard to all purchase money and interest hereafter to fall due, prompt pay ment will be exacted.
17. Thatithe system of recognising unauthorised occupation of land commonly gnown as "squatting"' be discontinued; subject to the following provisions, viz -
"That public and gencral notice be given by the Crown Jands Department that no claim of pre-emption by reason of such occupation will be entertained after the first day of September next (1859), and that no claim to such pre-emption, not now in a state to be adinitted, can be made good by any act of the party hercalter, and that therefore his labor will be thrown away."

These regulations have not been rigidly enforced, nor indeed would it be possible to enforce them without creating a general panic in the new settlements, and much alarm and distress in many of the older ones.

The arrears due by purchasers who have not conplied with the conditions of settlement are not so diffecult to deal with. Fuforeing the regulations in this ease does not involve cjectment or depopulation. On the contrary, it leads to a more rapid settlement of the country. During the past yeur I caused lists to be prepared of all lots which had been sold in the counties of Grey, Huron, Bruce, and Wellington, and some of the townships of Simeoe, on which not more than two instalments had been paid (the remaining instalnents beingoverduc), and which were reported by the local agents as still unoccupied. These were declared to be forfeited, and were advertised for sale at public auction. Several of the sales have already (1st March, 1864) taking place, and the results are most satisfactory... Where the original purchaser or his assignee was found to have taken possession and to have made sulstantial improvements before the day of sale, the lot was withdrawn. In most cases of this kind payment of a portion, if not all of the arrears, was secured. The new sales were made on coudition of payment down of two-fifths of the purchase money, the balance being payable in three anoual instalments with interest. As a large proportion of the lands thus forleited and resold were of inferior quality-the cause, no doubt, of their abandomment by the origiual purchasers-the condition of actual settlement was not imponed. In wany cases these forfcited lots were bought by the owners of adjacent lands, who secured them for the sake of the timber, or with a view to pasturage. A considerable sum bas thus been realized by the Department, the illegal removal or destruction of timber on lands which rcally belong to the Crown prevented, the improvement of such of the lots as are fit for it hastencd, and all of them subjected to municipal taxation. It is intended to pursuc the same course in all other countics where lands are found unoccupied, and subject to fortciture under like circumstances. In order not to press too severely on parties who had paid large suns to the original purchasers from the Crown for the transficr of their right, and who really intended to occupy their lots, I instructed the officerwho conducted these sales to announce to the public that their bids would be subject to cancellation if the original purchaser or his assiguce should, before the first day of July uext, take posesssion and pay up the balance due the Crown, with interest on the two instalnents deposited by the purchaser at auction. I adopted this method to obviate the hardstip which it was discovered would occur in uumerous cases, where industrious but poor men were laboring in the old settlements to obtain the means to pay for their lots and move upon them.

## MINES.

## LOWER CANADA.

Numerous discoreries of Gold in Lower Canada, and of Copper, Lead, and other economic minerals in both sections of the Province, have been reported during the year. The fact of the existence of Gold in the valley of the "Ohaudiere, and at other points in the townships south of the St. Lawrence, had beeu well established by Sir Williain Logan, and announced from time to time in his Annual Reports. But the discovery by the residents of the locality during last summer, of considerable quantities of the precious metal on a small stream called the Gillert, a tributary of tlie Chaudiée, created some excitement, and induced a number of persons from different parts of the Province, as well as from the United States, to "prospect"" the rivers and valleys of the alleged" gold revion. These facts coming to the knowledge of tho Department, together with numerous applicstions for the purchase of land in the to wnships, adnittedly for mining purposes and not for settlement, $I$ deemed it prudent $t$ dispatchan officer of the Department to the localities
where gold digging was said to be going on, to report on the nature and extent of the mining operations. Mr. Judah, the officer in charge of the Royal Domin in Lower Canada, received his instructions on the 12 th of September, and on the 8th October bis Report was seat down to the Legislative Assembly (Parliament being them in session), in answer to an Address for reports and papers on the subject. This Report was printed, and its statements wero thus made known to the public. It appears that Gold was discovered on the Gilbert some thirty years ago. This stream, otherwise known as the Touffe des Pins, lies within the Seigniory of Rigaud-Vandreuil. The Seigniors of that Seigniory asked for and obtained, in 1846, a pateat from the Crown to work the Royal metals forever on the whole of the said Seigniory, subject to a Royalty of ten per cent. Operations were carried on under this patent with little success, till the season of 1863 , when a rich alluvial deposit on the Gillert was accidentally struck by a person searching on his own account. During the whole summer frum a dozen or two, to one or two hundred miners were at work. The result, as in all such cases, was variable: some were successful, others not; but enough was seen by Mr. Judah to satisfy hin the the mine hid proved remunerative. The discoverer, with his three partners, had netted, by their own admission; over $\$ 10$ a day, increased for the whole season, by their further admission sinco made to Mr. Judah, to about \$15.

Mr. Judah reports the total Gold extracted from this river up to the period he visited it, at over $\$ 18,000$. Difficulties had occurred between parties to whom the patentees had leased their right for fifteen years, and the purchasers of lots on which the mining was going on ; but no serious consequences ensued. The operations were carricd on with order and quiet, but Mr. Judah reports that great inconvenience resulted from the fact that the "claims" were inconveniently laid out; many of them not having the advantage of a river frontage for the purpose of washing.

It did not appear that any operations of importance wore then in progress elsewhere, and they had all; so far, been exclusively confined to alluvial diggings. Since the date of Mr. Judah's report information has been received, from which it would appear that operations were continued on the river in question till the close of the season, and that the total season's result may be ostimated at $\$ 40,000$ or $\$ 50,000$.

Explorers report the"existence of Gold everywhere in the Chaudiere valley;" "coloun" as it is termed, being found not only in the streums and vallegs, but on the hills. Discoveries of Gold in alluvial deposits and in quartz veins are reported to have been recently made in Ascot, Hatley, and elsewhere, in the Eastern Townships. A large influx of explorers and miners may be expected early in the coming spring, and hence there is it necessity for some new legislative provisions to determine and protect the rights of the Crown and of individuals, in respect to the precious metals, and the mining operations in progress and ia prospect. Such a law, though founded on the experience of other mining countries, must be adapted to the special circumstances of our own. As Gold and Silver are expressly reserved to the Crown in the grants of land to individuals, with the right" of way and the right to use rivers and strenms of water in the process of mining for them, there seems to be no difficulty in legislating on the subject. . The recognition of a preemptive right in the owner to work the mincs on his own land, on teriss similar to those which may be adopted in the case of mines found on the lands of the Crown, would seem to be reasonable, and will not, under proper regulations, obstruct the discoveries and development of this new source of revenue and wealth.

It was thought expedient, under the circumstances above detailed, to stay the sale of the wild lands in the townships lying in the auriferous region, until the Legislature shall have had an opportunity to consider the propriety of subjecting them to the operation of new mining regulations.

With regard to the inferior metals in Lower Canada, the rule now foliowed is to reserve in the patents a royalty of two end a half per cent., but no provision is nuade for collecting this Royalty, nor are there any regulations applicable to these mines, which would also seem to be a proper subject for legislation.

Three thousand five hundred and nineteen acres of mineral lands in the townships of Garthby, Ham, South Ham, Wolfstown and Wotton were sold during the past year for \$2,812.20, under the regulations of 21 st, April, 1862.

## UPPER CANADA.

Only four mineral tracts on Lakes Huron and Superior werc sold during the past year, comprising together about 1,040 acres. They were sold under the regulations of 15th March, 1861, as modified by order of the 21st April, 1862, which restricted applicants to 400 acres each. In the unsurveyed regions the rate is one dollar an acre, to be paid in full on the sale, the applicant furnishing a plan and description of the locality, so that the tracts may be identified on the official map.

In the surveyed townships they are sold at the price of the landsadjacent, which, in the District of Algoma, is 20 cents per acre. A Royalty of two and a half per cent. is chargeable on the value of the ore produced for market at the mine. No other condition is attached to the grants.

Numerous applications having been made to purchase mineral lands, embraced within the limits of locations, that remain in the names of the original locatees, under regulations of 7th of November, 1846, 29th January,"1847, and 23rd September, 1853, it is necessary to take some definite action in reference to these forfoited locations. The instalments on these purchases are long past due, and the other conditions remain unfulfilled.

In a few instances considerable sums have been expended in carrying on mining operations.

Since the above was written the undersigned submitted to your Excellency a new code of regulations for the sale of miveral lands, whioh, as they have obtained your Excellency's approval, and are of much public interest, I have inserted in this report, although they belong properly to the transactions of the year 1864:-
" MINERAL LANDS.
Department of Crofn Lands, Quebec, 3rd March, 1864.
" Regulations for the sale of Mineral Lands approved by His Excellency the Goverior General in Council.

1. That the tracts shall comprise not more than four hundred acres.
2. That the dimensions of the tracts in unsurveyed territory be forty chains in front by one hundred chains in depth, and bounded by lines running due north and south, and east and west, or as near to these dimensions as the configuration of the locality will admit.
3. The applicant for a tract in unsurveyed territory must furnish a plan and description thercof by a"Provincial Land Surveyor.
4. The price shall be one dollar an acre, payable on the sale.
5. That a tax or duty of one dollar per ton be charged on all ores extracted from the tract, payable on removal from the mine.

This condition applies to all mining lands sold since the 1st day of April, 1862 , and is in lieu of the royalty of tro and a half per sent. chargeable on the ores from these lands.
6. That in surveyed townships, lots presenting indications of minerals be sold on the above conditions, but at not less than one dollar per acre in any township, and at the same price as the other lands in the township when it is more than one dollar per acre.
7. That not more than one tract of four hundred acres be sold to one person:
8. The aborc regulations do not apply to mipes of Gold and Silver.
9. All previous regulations inconsistent with the above are cancelled.

## Wa. McDotgate, Commissioner.

1 All locations of mineral lands on the north shores of Lake Huron and Superior and on the adjacent islands, which, on the 15th March, 1861 , were liable to forfeitare for non:performance of conditions of sale and location, and which have remained liable to forfeiture to the present time, are forfeited.

The locatees and their assignees, provided the assignments were made before the date liereof, are allowed to apply the payments they have made on any location, over and above the deposit, or first instalment, towards the purchase of the same, or any other location which shall be open for sale at the date of their application, to have the same so applied; but such application shall be regarded as a new purchase, subject to existing regulations, and must be filed in the Departuent of Crown Lands on or before the first day of November, A.D. 1864.

War Mod. Com.

So many contradictory statements have been made respecting the situation and quality of the public lands now open for sale in Upper Canada; that I felt it to be my duty to collect the most reliable information within my reach, not only to guide the Department in laying out colonization roads, granting timber licenses, and dealing with the applications of squatters and intending settlers, but to supply necessary data to the Government and the Legislature for the consideration of measures of general public policy. A colored map accompanies this report, which shows the character of the land ant timber in the newly surveyed townships between the Ottawa River and Georgian Bay. This map has been carcfully compiled from the surveyors' field notes, and the timber maps," which since 1859 have formed part of the surveyors' rcturns. These returns have been verified by reference to the reports of surveys for timber limits, colonization roads, exploration lines, \&ce., which have becn made at various times, and have intersected nearly every township of the territory embraced in the colored map. A similar map, but necessarily less complete; of the townships surveyed on the north shores of Lakes Huron and Superior, accompanies this report.

The policy of compelling squatters and others to pay for the lands they occupy, by bringing them into the market by means of auction sales, has been continued in Lower Canada. The results have been very satisfactory. Not only has a considerable sum of money been realized; but numerous claims and long-pending disputes between individuals have been settled, and the Department relieved of a troublesome correspondence. The effect of this special action, as regards revenue, will be seen by a comparison of the result of the ordinary collections by local agents and the collections under the stimulus of these special sales. Mr. Collins, from this Department, held"sales last year in three ageacies, viz., those of Messrs. Kemp, Felton and Hume. These sales were held in the monthe of August, September and October, and compare as follows with the corresponding months of 1862 :-
Mr. Kemp's agency, Aug. and Sept. 1862, \$ 41 00.......Aug. and Sept. 1863, \$14,000 00
"Felton's " Sept. and Oct., " 71100 ......Sept. and 0 ct." " 9,00000
"Hume's " do. do." " $11000 \ldots .$. do do. " 10,00000
$\$ 86200$
The benefit of this special action to the settlers is at least equal to the advantage derived by the department. They thus secure an adjustment of their claims and a recognition of their title, which, on payment of the balance due the Crown, enables them at once to take out their patents. Notwithstanding numerous protests against these sales, before they came" off, by partics who assumed to represent the settlers, and who, no doubt, thought they were doing them a service by trying to perpetuate the old state of things, no complaints of injustice or hardship have yet reached me from the parties affected by them. Mr. Collins reports a general aequiescence in the policy of the departrient, and as general an approval of the mode in which it is administered.

With a view to facilitate the selection of lands by intending purchasers, the Crown Lands Agents have been instructed to make cursory examinations of the townships in their respective agencies; thus ascertaining where the best lands are situated. Copies of the Surveyors' field-books are also being prepared for their information:

The past season was very favorable to the timber trade. The revenue exceeded by $\$ 114,706$ that of 1862 , while the cost of collection was not increased. The importance of the lumber and timber trade of Canada is hardly appreciated as it ought to be. There is an evident necessity for some amendment of the law to protect our forests against needless injury from the operations of the settler, as well as of the lumberman:

Respectfully submitted.
WM. MODOUGALL.
Commissioner.

## Crown Lands Department, Quebec, March, 1864.

# APPENDIX 

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 FOR 1863.
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Return of Receipts and Disburscrients on Account of Common School Lands, Upper Canada.
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Report of the Agent of the $\Delta$ ddington Roarl.
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Report of the Inspector of Colonization Ronds and Survey, Upper Canada.
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ANDREW RUSSELL,
Assistant Commissioner.

## APPENDIX No. 1. (a.)

List of Officers and Clerks in the Department of Crown Lands, for the year ending 31st December, 1863, arranged according to Branches.


## APPENDIX No. 1. (a)- Continued.

List of Officers and Cleress in the Department of Crown Lands, for the year ending 81st December, 1863, arranged according to Branches.


ANDREW RUSSELL,<br>- Assistant Commissioner.

## Willitam Ford, Accountant and Cashier.

## Drpartment of Crown Lands,

Quebec, December 31st, 1863.
List ofiorown Land Aghats forilower Canada, dates of their Appointment, and Commission allowed to each on Collections

## Eastern Sbction.


List of Crown Land Agents for Liower Canada, dates of their Appointment, and Commission allowed to each on Colloctions made during the year ending 31st December, 1869.

## Western Section


Quebec, 31st December, 1863.

APPENDIX No. 4.



## ANDREW RUSSELL <br> Assistant Commissioner.

APPENDIX No. 5.
Lrst or Agenns, Jesaits' Istates, Crown Domain and Seigriory of Lauzon, for the year 1863.


## APPENDIX No. 6.

Statement of the number of Acres sold, mount of Sales, and amounts collected in Upper and Lover Canada, for the years 1862 and 1863.


## APPENDIX No. 7.

Statement of the Receipts by the Department of Crown Lands for the year 1863, which are considered as Reveriue.

| Crow Domain. $\qquad$ Soigniory of Lauzon. | 5 Sust 60 |
| :---: | :---: |
|  | S1798\% |
| Location Fees, East. | 4500 |
| Location Fees, West:c.......... ....................................................................... ${ }^{\text {a }}$ ( 315 |  |
|  |  |
| Timber Commission ..................................................................... ............. 33543 |  |
|  |  |
|  |  |
| Surveyors' Foc Fund, East | 18841 |
|  |  |
|  |  |
| Woods and Forests. | 3511638 |
|  |  |
|  |  |
|  |  |
|  |  |
| Gain on Scrip ......................................................................................... , 2.140 |  |
|  |  |
|  | 999379 99 |

## William Ford,

 Accountant and Cashier.
## Department of Crown Lands,

 Quebec, 31st December, 186:3.ANDREW RUSSELL,
Assistant Cormmissioner.

| Stateneny of Disbursements of Crown Liands Department for the year 1863, on account of Expenses of Management. |  |
| :---: | :---: |
|  |  |
| B |  |
| Sobcnygoon Rasd | 16400 |
| ESlgin and Tuché. | 148000 |
| Matapedia Romd | 146000 |
| Fron:cmac Roal |  |
| Inspection of Agencies. Enst | 43221 |
| Board of Examiners, Laud Surveyors, Enst | 360.00 |
| do do West | 33500 |
| Huron Land Claime ..... | 684.00 |
| Tisheries, Lower Canud | 1001453 |
| , Do Upper cranada | 370038 |
| Red River Expelition, arrears of S.J. Dawson's extary, to 31st Jin | 73800 |
| Crown Inspertic n , East. | 44185 |
| Do West. | 76555 |
| Commission Agente, Gn | 387824 |
| Do West. |  |
| Crown Advertising, East. | 1439 48 |
| Do |  |
| Crown Surveys Eest..... |  |
| Colunimtion Roady, West.......................................... ......... ....................... |  |
| Pestage of Agencies. Eatst | 11077 |
| Cond Do West. | 29962 |
| Sprecial Services.......... | 199288 |
| Departuental Contingeacies | 273193 |
| Wishery Bounties......... | S743 50 |
| Adrance on Salarios | 92258 |
| Wilihm Farwell ..... | 600 vo |
|  | 137454'75 |
| Doduct Conmission, Sehoul axil Clergy |  |
|  | \$75856.47 |

## APPENDIX No. 9.

Statement.-Department of Crown Lands, amount of Collections for 1863.



$$
\text { for the year } 1863 \text {. }
$$



## 


Waparribgit of Crowh Linds, Quebec, 31 Dit December, 18 Bj.
APPENDIX. No. 14.
Statrment shewing Receipts and Expenses in the Jesuits' Estates, for the year 1863.

Statemen'r of Reccipts and Expenses in the Seigniory of Lauzon, for the year 1863.


## APPENDIX No. 17.

Statement of Receipts and Expenditure on account of Ordnance Lands, for the year ending 31st December, 1863.

APPENDIX No. 18.
LOWER CANADA.-Return or Sunveys for the year ending 31st December, 1863.

337.46 acres subdivided into farm lors, at 51 cents per arre. to a fraction over 4 cents per acre.
ande Nore.- The foregoing quantities and amounts exhibit the Survess completed and paid up to date, apart from the Survess in progress, on most of which
ade.
Agsistant Commissioner.
APPENDIX No. 19. (a.)

| UPPER CAN:AD | -Statement | APPENDIX No. 19. (a.) <br> Municipal Surveys for which instructions were issued duri December, 1863. | $\mathrm{g} \mathrm{th}$ |  |
| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Number and Da } \\ \text { of } \begin{array}{c} \text { Instructions. } \end{array} \end{gathered}$ |  |  |  |
|  | $1 \mathrm{Cl} \text { than Jnuary }$ | sio |  |  |
| W. H. Dea | 182 7h do | do Western Boundary Line of Marip | Embr |  |
| 3 William Rath. | 183 20th do | do Thames Road Lino in Pullarton. |  |  |
| ${ }_{5}^{4}$ A. ${ }^{\text {A. C. Wehn Debub }}$ | 181 185 180 19th February do | do Line in front of 6 th Con. of Brighton (formerly Crabahe) ........................ do |  |  |
| ${ }_{6}^{5}$ Sohn WoCew | ${ }_{186}^{185}$ 26th ${ }^{\text {det }}$ do | The Westorn Boundary Line of Mariposi............................................................................. | Conir |  |
| 7 11. 0, Wood | 187 7th Mards.. | Line betreen Ist Cous. and broken frent of Osyoode, frum Lot No. 20 to S. Boundary. | do |  |
| 8 John Shier | 188 , 7th do . | Liue in front of Lots 3 aud 4 , 7 th Con |  |  |
| 9.R. C. P. Brown | 159, 23 rrd do | 90h Concossion Line of Mammona |  |  |
| 10 Thumas A. Bly | 190 15th April .. | Part of 7th Concession Linc of East Flambor |  |  |
| 11 John Shior..: | -19123rd do | 1 do sth do East Whitbs |  |  |
| 12 E. C. Caddy. | 19212 th May... | 18t Coneession Line of Fialdimand. |  |  |
| 13 J S Peterson | 19312 th do ... | 3rid do |  |  |
| $14.15 \mathrm{C}, \mathrm{G}$. Manning | ${ }_{195}^{94}$ 1ith August. | Southern Boundary of Nissou Part of 5 th Concession Line |  |  |
| 16 12. R Jonce., | 19614th do ..... | 1 1st Concession Lino North Gore of Ch |  |  |
| 17 E. C. Caddy. | 19737th do | 2nd Concession Lino of Huldimand. |  |  |
| 18 R. C; P. Browr | 198 17 th do ${ }^{\text {- }}$ | $6^{6 \text { th }}$ do do |  |  |
| 19 James. Polloc | 19922 st Septounber | 11th do Blenhein |  |  |
| 30 John Shior ............ ... | $200{ }^{24 \text { th }}$ do | Line in front of lots 15 and 46 in 3ril Concession of Uxbridge |  |  |
| 21(C. G. Ilanning ........... | 201 1sth November | Part of 7th Concession Line of Darlington .......... ............. |  |  |
| Thomas Define, <br> Head of Surveys, U. C. <br> Department or Crown Lands, Quebec, 31st December, 1863. |  |  |  |  |
|  |  |  |  |  |

APPENDIX No
UPPER CANADA, -Statement of Municipal Sutveys Confirmed during the year ending 31st December, 1863.

| $\begin{array}{r\|ll} 0 & \text { Surveyor. } \\ 4 & & \end{array}$ | Number and Date of Instructions. | surver. |  | Remarke. |
| :---: | :---: | :---: | :---: | :---: |
| 1 John Shier ...........part |  |  |  |  |
| John Sbicr ............part | [5th July, 1857 | Lots 14 to 35 in the Sth Concession, and himo betroen 7 thand 8theoncessions from Easterly Town Line to Lat 7, Whitby | Confrmied | ${ }^{27 t h}$ July, 1863. |
|  | 166;17th Jan, 1862 | no in front of Lots 11 and 12 in tho |  |  |
| Wim. Rath ................ | 169 2nd April, 1862 | The Eastern Boundary Line of Hibbert .......... ........................... ............... |  | 9 9h October, |
| 5 5. S. Peiorso | 173 25th July, 1562 | The Sth Concession line of |  | 12th September, ${ }^{\text {a }}$ |
| 6 John Stier. | 178\%29th Sept, 18.9 | Lots 18, 19, 20, 21, 22, 23 and 24 in bith Concossion of Whitby |  | $28 t 1 \mathrm{April}$, |
| 7 R. C. P. Brown | 179.5th Nozem, 1862 | Line in front of the 5th Coneession of Haldimand | do | 10th August, |
| S Wm. Rath................ | '180 $12 \mathrm{th} \mathrm{Dee}{ }^{-}$- 1862 | Re-survey of the Township of Hibbort |  | 9th Oetotor, |
| ${ }^{9}$ C. G. Hainiag | 1817th Jam, 1863 | Part of the 4th Concession Line of Darlington, in front of Lots 14, 15 | do | 2nd Juno |
| $0{ }^{0}$ Johíl DeCew. | 155, $194 \mathrm{~h} \mathrm{Feb}$, | do Ist do Humberstono, from Lot No. | do | 4 th May, |
| 1, II. O. Wood. | 187 7th Mareh, 1863 | Inine bettreen 1st Cour aud Bro. front, Osgoode, from Lot 20 to S |  | 30th Juns, "r |
| 2 John Shior | 1S87th March, 1863 | Line in front of Lots 3 and 4 in 7th Concession of | do | 16th May, |
| $3 \mathrm{R} . \mathrm{C}$ P. Brown | 189 23rd March, 1863 | The 9th Concession of Hamilton |  | 30 th July, " |
| Thomas A. Blyth | 190\|15th April, 1863 | Part of the 7th Concessiou Linec of East Flamboro', from Lot 8 to 13 indlusi |  | 22nd December," |
| 5 John Shier | 191 23rd April, 1863; | The 5th do East Whitby, in fropt of Lots 16 and 17 | do | 28 th May, |
| 6 F.-C. Caddy | $19212 \mathrm{th} \mathrm{May}$, | Thé 1st do Madimgud .............................................. |  | 5 th December, |
| J. S. Peterson | 193112th May, 1863 | The 3rd $\quad$ do do | do | 37 th October, |
| 8 Wm. MoMillan | 1914 ${ }^{\text {d }}$ th August, 1863 | The Southern Boundary of Nissouri Wost |  | 18th Decomb |
| O. G. Hañing | 195114 th Aug, 1863 | The 5 th Concession Line of Darlington, froñ Lot 4 to 11 inclusive........................ | do | 3rd October, |
| O E. R. Jones. | $196 \mid 14$ th Aug ${ }^{\text {a }} 1863$ | The 1st do North Gore of Chatlam... | d | 15 th Dooember, |
| R. C. Pi Brow | 19817th Ang, 1863 | The 6th do Haldimand. | do | 31 st do |
| 2 James Pollock | 199 21st.Sopt, 1883 | The 1th ${ }^{\text {d }}$ do Dlenheinim |  | 5 h do |
| 3. Robinso | ... 30th June, 1882 | Lino betweon 13th and 14th Concossions of Burford (under 25 Vic., cap. 66)............ | 10 | 24 thi September |
| J. S. Dennis | $\ldots$.. 26 th July, 1862 | do 3ri and 4th do Crowland ( do cap, 42) ........... | do | 12th January, |

## Triomas Devine,

## Quebecc, 31st December, 1863.

## APPENDIX No. 19. (c.)

UPPER CANADA.-Statement of Surveys for the year ending 31st December, 1863.

Note.-As this ia the total amount of the accounts for Surveys completed and audited during the year, on which adyacos rere proviously mado, it doog not correspond with the Acountand's lieturn of Moneys paid for Surveya, which includes advances on Surveys in progrese, $\$ 11,896,00$, and halances on the above, $\$ 7,880.42$. Totat paid in 1883, $\$ 19,776.42$. The payments for Iudian Surveys-aro provided by special warrant.
RECAPTTULATION 89,737 Acres subdivided into Farm Lots of 100 acres each..

> THOMAS DEVINE,
(a) $\$ 23.296{ }^{6} \mathrm{e}$. per mile.
Andrew Rusself,
Asst. Commissioner.

APPENDIX NO. 20.
Woods and Forests.
Statement of Revenue collected during the year 1863.


Notr.-In acdition to the above, the sum of $\$ 7,364.79$ was collected from other serrices, viz., Clergy, School, Indian and Jesuits' Estates, and $\$ 27,32 \frac{1}{2} .30$, value of Settlers' Timber, applicable (less deduction for charges) in pajment of land, making the total Collection for the year, $\$ 503,152.25$.

## ANDREW RUSSELL, Assistant Commissioner.

## P. M. Partridae, Superintendent of Woods and Foresta.

Department of Crown Lands, Quebee, 31st December, 1863.

APPENDIX
WOODS AND FORESTS.-General Statement of Timber, \&c., and


* Walnut, Whitewood, Oak, Basswood, Ash. Hemalock, Cedar, Birch and Red Pine.

GENERAL STATEMENT

| Agentz' Namer. | Buttornut and Walnut. |  | Spruce and Cedar |  | Railway <br> Ties <br> and Sleepers. | Boom <br> Timber <br> .and <br> Floats. | Oars, <br> Knees, and Curves. | Rails. | Cord |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Pieces | Fcet | Pieces | Fcet |  |  |  |  | Cords Soft. |
| A. J. Russuli..... |  |  | 161 | 9671 |  |  |  |  |  |
| Joseph F. Why.. |  |  |  |  |  | F. 500 | c. 10 | 1000 |  |
| Charles E. Mello. |  | 1590 b . | $¢$ 164 | 2791 3340 |  |  |  | 4000 |  |
| 'A. Dubord ............................... |  |  |  |  |  |  |  |  |  |
| Western Arrency........................ |  |  | ..... |  |  |  |  |  |  |
| G. J. Naglo ............................. |  |  |  |  | 3142 |  | K. 1091 | 3200 |  |
| George Duberger |  |  |  |  |  |  |  |  |  |
| Charles Dawson......................... |  |  |  |  |  |  |  |  |  |
| Charles T. Dube........................ |  |  |  |  |  |  |  | …....... |  |
| Joseph N. Verge............. ........... | ...... |  | 34 | 471 | S. |  |  | , |  |
| Total........................... . | 34 | 1590 | 420 | 16273 | 3142 | 500 | 7709 | \$200 |  |


|  |  |  |
| :---: | :---: | :---: |
|  |  |  |


Increase.......................................... $\$ 11470657$
Notr.-The amount accrued includes $\$ 7,384.70$ belonging to
P. M. Partridge,

Superintendent of Woods and Forests.

## Department of Crown Lands, Woods and Forests,

Quebec, 31 st December, 1863.

No. 20. (a.)
amounts accrued from Nimber Dues and Ground Rents, during the year 1863.


OF TIMBER, \&c.-Continued.

ther services, viz.: Clorgy, School, Indian and Jesuits' Estates

## ANDREW RUSSELL,

Assistant Commissioner.

27 Victoria.
Sessional Papers (No. 5).
A. 1864


## APPENDIX No. 20. (c.)

## Woods and Forests.



[^6]
## APPENDIX No. 20. (d.)

WOODS AND FORESTS-STATEMENT of Fees paid to Cullers, for work performed in their rospective departments, during the Season of 1863.


## APPENDTX No. 20. (id.) Continued.


N.B.-Thy amount paid to Cullers, as per detailed Statement is the gross anount of their respective earnings, out of which they have to pay, agreeably to the 27 th Section of the Act, their attendants and assistants, and all other charges inseparable from the exeeution of their duties.

## APPENDIX No. 20 (c.)

WOODS AND FORESTS. - Statement sherving the Staff of the Office of Supr. of Cullers, Quebec, the desiguation of Office, term of ermployment, aud the Salary paid to each for the year ending 31st Dee. 1863 ; shewing also the cxtra Clerks employed, and the sums paid to then during the same period.

APPENDIX No
WOODS AND FORESTS.-An Abstract of the number of Pieces, and Cubic feet of each description of Timber measurcd

Aụ Abstract of the number of pieces, de. - Continued.

OTTAWA RIVER and its tributaries above Ottawa City, subdivided.


APPENDIX No. 20. (g.)-Continued.


## APPENDIX No. 20. (h.)

WOODS AND FORESTS.-STATEMENT of Timber measured, culled and counted at Montreal, Lachine and Sorel, through the Office of the Deputy Supervisor of Cullers, Montreal, during the season of 1863.


[^7]P. M. Partridge
'S412. Quebec, 31 st December, 1863.


DEPARTMENT OF CROWN LANDS.-Comparative Statement of Letters Registered in the years 1862-3.


## APPENDIX No: 21. [b.] <br> Statement of Office Work for 1863.

No. of Plans compiled and copied ..... 1090
do Instructions for Surveyors prepared. ..... 82
do Plans, Field-notes, Diaries, Reports, Accounts and Pay Lists of Surveyors of Public Lands and Roads audited and examined ..... 448
do Plans and Field-notes, Keports of Private Surveys examined, and areas calculated. ..... 180
do Plans, Field-notes and Reports of Municipal Surveys examined ..... 126
do Descriptions for the erection of Parishes, Townships and Villages in Lower Canada prepared. ..... 48
do Statements for the Legislature and Blue Book prepared: ..... 39
do References for Letters Patent prepared, and Fiats entered ..... 3517
do Descriptions for Lotters Patent prepared ..... 1064
do Letters Patent engrossed, examined", and entered in the several books of record ..... 3738
do Letters written ..... 14848
do Fishing Bounty Claims examined and paid ..... 52
do Adjudications ..... 1036
do Folio pages of Reports, Land Rolls, Letters and Assignments ontered. ..... 29751
do Folio pages of Field-notes, Reports, Letters, etc., copiod ..... 3230
do Schedules of Crown, Clergy and School Lands furnished to Timber Agents ..... 12
do Liocation Tickets issued ..... 86
do Assignments examined and registered ..... 2237
do Circulars issued ..... 932
do Specifications of Lots in Towns and Townships for sale prepared ..... 42
do Accounts examined and paid by Check or Certificate ..... 1518
do Accounts Current prepared. ..... 313
do Agents' Returns examined and entered ..... 1944
do Returas of Lands sold for Registrars and Secretary-Treasurers ..... 48
do Folio pages of these Returas ..... 260
do Reports ..... 536
do Miscellaneous Statements ..... 3580
do Pages of Translations ..... 680
do Special Sales and Cases disposed of after investigation of clsims on the spot. ..... 1113
do ' Cases of Land Arrears examined, decided and certified ..... 130
do Entries of Letters Patent in Doomsday, Register, Issue Book and Plans. ..... 18212
do Appropriations of Moness received by Letter, ctc. ..... 1837
do Entries posted in Sales Books ..... 11450
do Monthly Statements of Lands paid in full for Woods and Forests' Branch. ..... 60
do Free Grants and Indian Fiats cntered and indexed ..... 315
do Towns and Townships entered in Doomsday and Register ..... 14
do Requisitions for Stationory; etc ..... 381
do Heir and Devisce Commission Certificates issued. ..... 55
do Certificates, value of Settlers' Timber ..... 202
do Timber Adjudications ..... 84
do Pay Lists and Time Sheets of Road Works examined and audited. ..... 114

## APPENDIX No. 22.

STATEMENT of Receipts and Expenditure on account of Fisheries, Upper and Lower Canada, for the year 1863.


ANDREW RUSSELL, Assistant Commissioner.

## William Ford, <br> Accountant and Cashier.

Department of Crowin Lands, Quebec, 31 st December, 1863.

## APPENDIX No. 23.

STATEMENT of comparative Expenses incurred in counection withithe Fisheries Service, for Upper and Lower Canada, in 1862 and 1863, inclusive of all Salaries and Disbursements, Contingencics of Agents and Special Services, Bounties, andevery expenditure attending the administration of the Fisheries Act, whether paid by the Department of Crown Lands or any other Depart-ment,-the Salaries at Head Quarters being divided equally between Upper and Lower Canada.

UPPERCANADA.

| $1862 .$ | \$ cts. | $1863 .$ | $\$$ oth. |
| :---: | :---: | :---: | :---: |
| Salariss. <br> Mr. Whitcher, Ifead of Fisheries Branch, for Upper and Lower Cannada.............. | 53000 | Mr. Whitehe <br> Mr. Bauset. | $\begin{aligned} & 680=00 \\ & 530=00 \end{aligned}$ |
| Mr. Bauset, Draughtsman, French Translator and Copyist. | -530 00 | Mr. McGuaig ... | $120000$ |
| Mr. McCuaig; Saperintendent of Fisheries, U. C. | 120000 | months to his widow)............. ........ | 30000 |
| Mr.Gibbard, Stipondiary Magistrate, U.......................... | $\therefore \quad 400.00$ |  |  |
| Mr. Moodie, Fishery Oversuer, E. C........ | 23319 |  |  |
|  | 289319 |  | 27.1000 |
| Mr. McCua | 98083 | Mr. McCuaig, disbursement |  |
| Mr. Gibbard | 266117 | Mr. Gibbard, do including many |  |
| Mr. Moodie (being an account paid in 1803, |  | expenses caused by his murder while on ${ }^{\text {d }}$ |  |
| though fyled in 1862 but then suspended; but afterwards paid because it was found |  | duty, which would not otherwise have vecarred $\qquad$ | $180$ |
| by the Office Books thit he acted under |  |  |  |
| writton instructions from Mr. Vankoughnet, on special service) $\qquad$ | 000 |  |  |
|  |  |  |  |
| : Totals................... $\$ 6665 \cdot 19$ | 3772.00 | Totnls....................... $\{4937$ 8S | 222788 |


| 1862. | S cts. | 1.86\%. | \$ cta. |
| :---: | :---: | :---: | :---: |
| Stalariss. |  | Sukuries. |  |
| Mr. Whitcher, Head of Yisheries Branch, for Upper and Lowor Canada. |  | Mr. Whitcher. | 63000 33000 |
| Mr. Bnuset, Drau Lowtsuan, Franal | 53000 | Mr. Nausct. | 33000 120000 |
| Mr. Baret, ${ }^{\text {and }}$ Copyist...................... | 53000 | Mr. Fortio | 12000 |
| Mr. Nettle, Supt. of Fisheries, L. C......... | $1200^{\circ} 00$ | Fishery Overseers | 78000 |
| Mr. Fortin, Stipendiary Magistrate, J. C.. | 12000 |  |  |
| Overseers, L. C................... ............. | 75500 |  |  |
|  | 421500 |  | 439000 |
|  |  | Mr. Notlle, disisursenents. | 1698 |
| Mr. Whitcher, disbursoments | 52399 | Mr. Fortin, do induding \$0,606.62 |  |
| Mr. Nottlo, do .... | 56135 | - for repairs 10 La Canadienue, under thê |  |
| Mr. Fortin, do and costsand |  | Dopartnent ef Yublic Works.......... | 1122576 |
| Tishary 0rerseers. | 1423094 | Fishery Orerscers, disbursements.......... |  |
| Buinties paid in ince is in part out |  | Boanties for 1s03, under consideration o | 1185318 |
| ery Rents......................... ........: | 905500 | Coimit | 94450 |
| Tutals...................... \$29389 10 | 25174101 | Totals..................... \$25720 6s | 2133068 |

W. F. Whitcher.

APPENDIX No. 24.
STATEMENT of Claims for Fishing Bounties fyled and notified, for 1863.


## Defartiment of Crown Lands, Fisheries Branch,

 Quebec, 31st December, 1863.APPENDIX No. 25.
STATEMENT of payments made as Fishing Bounties, for the year 1862, under Order in Council dated 1st May, 1863.


Total.
303550
ANDREW RUSSELL, Asst.Comm.
Department of Crown Lands, Fisheries Branch, Quehec, 31st December, 1863
W. F. Whitcher.

APPENDLE NO. 20. REPORL OF THE AQENX OF IHE ADJLNGTON ROAD.

Tamworim, Tanuary 9th, 1864.
Sin,-I beg leave to forward to your alepurtment the anual report of the condition of the Addington hoad, and the prospects of the settlement thereon.

I found that portion of the road not repaired last year, which leads over hills, sadly out of condition; the water has worn off the lighter material down the slopes, and uncovered boulders and rocks, reudering travel difficult. Many of the wooden causeways have become worn: and broken logs arc frequently met with that are really dangerous for: teams to cross. Several casualtics occurred last year; one poor inan lost a borrowed horse; and had to pay for it; several horses were scriously injured by their feet slipping between the worn logs. The Clare River bridge is in a dangerous state; the head of the piers that are in the channcl have suok; the up-stringers liave becu raised to correspond with the lower ones by blocking, but the sinking continues, and that part over the channel is very sideling, and wust souner or latter topple over. Also a portion of the bridge at head of Marinaw Take is much damaged from the raising of the lake by a mill dam ; the covering of the south half is afloat during the open part of the year.

Owing to the scarcity of provisions, arising from the loss of the crop in 1862, some poor persons with large fanilies have been forced to remove from the settlement, so that the census of this yeat foots less than that of the prier ; but the places rendered vacant on that account have been filled by parties with smaller families, and in some instances by single men; the change is an improvement, although it has lessened the population.

The crushing effect of the disaster of 1862 has not been got over by the good crop of last year, because of the paucity of seed grain and roots available last spring. All crops that were sown early gave abundant yicld, but the extreme small guantity of seed sown renders the present crop but little more productive than that of the former year. In the article of wheat there is a falling off, but the quality is so superior that it is of more value than that of 1862. The growth of that year was recidered so defective by drought and frost, that five bushels by measure produced but one hundred pounds of inferior flour, whilst two and a half of the present crop yicld the same amount, and of an excellent quality. All the other cereals, as well as roots, are inferior to none raisedin Canada; although there is not a much greater increase in tho uumber of bushels produced, yet the actual value is fully double. The muaicipality of Jarric obtained, through the "Seed Grain Act" of last year, some three hundred bushels of seed grain of various kinds; but it was so late in the season before it was sown, that but little of it ripened, and that muvicipality has involved itself in debt without a corresponding benefit.

There is a loss of 33 inhabitants in the census of this year, but it is not all attributable to parties leaving the settlement; several persons who have accomplished their setting duties on gift lots and obtained their patcuts, have become purchasers of Crown lands, and portions of their families are engaged on them. The nuniber of inhabitants on the gift lots is 717, and they possess a lirge number of domestic animals, except horses, in which there has been a falling off. They have, duriug the year, cleared 285 acres of land, and there remains chopped 150 acres of spring cleming.

In my intercourse with the settlers during my recent visit, I found all grateful for the kindness manifested by the Government in providing, through the work on the road last summer, means for them to procure provisions, and their only regret is that they were so short of seed last spring. All believe that if seed could have been obtained sufficient to bave covered the gromnd prepared, connected with the aid of the Government during the summer, that the pressure of the bad crops of 1862 would have passed away, but it wiff béseverely felt next year, for many settlors cannot, from what they have raised, bread their families and save seed; heuce a great lack will be found in the spring; nor can they devise any feasible plan within their power to supply the deficiency.

Several parties complain of having their grain injured by the grub shortly alter it sprung up. Corn, peas and buckwheat suffered the uost. Competent judges est mate that the crop of the above cercnls was shortened ono-half, The grab rarages were nof alone confined to the ner townships; it spread wide over the old townships in front; but the effect thereof was less felt in the old than in the ner, where so little was sown. But
with all the drawbacks" from frost, grubs; and short seed, I found no despondency; but a looking forward to a sunny futwe; they are aware that next year will be still hard for provisions and seed, but they are preparing for the trouble that is ahead, by saving seed as much as lies in their power, and reserving it for the coming spring.

> I have the honor to be, sir, Your most obd't. servant, (Signed,) Ebenezer Penari.

The Hon. Ww. McDougall, Commissioner, Quebec, C. E.

AbStracy of Statistics of Addington Road for the year 1863 :value of artycles, estimated at current rate in settlement.


Total
$\$ 31,465 \quad 80 \frac{1}{3}$
The number of domestic animals owned by the settlers on the Addington Road are 58 horses, 71 yoke of ozen, 181 cows 180 young cattle, 85 swine, and 162 sheep.

APPENDTX, No. 27.

## REROBT OF THE AGENT FOR TLE NORTHERLX PABT OE THE BOBCAFTEOR BOAD: Minden, January 16th, 1864.

To the Honorable the Commissioucr of Crown Lands.
SIn, - I have the honor to trasmit a statement of the settlers and produde on the northern section of the Bobcaygeon Road, for the year 1863.

In consequence of the great distance north, and the short time the settlers liave been Jocated my present Report is rather limited.

[^8]The parties located seem content and happy in their new howes; nevertheless, there has been but little improvement in the place during the year. The principal cause is the bad state of the road north of Bell's line, which, although taken out of the contractor's hands, has not yct been finished.

The settlement at and near the Narrows of the Lake of Bays is in a thriving condition, there being very good land along the road as well as a large tract in rear of the Free Grants.
Number of acres oleared ..... I. 44
NATIONALITY.
English, heads of families ..... 17
Irish ..... 20
Scotch ..... 3
Canadian ..... 14
Total ..... 54
TOTAL RUANTITY OF PIODUOE AND VALUE.

| Wheat | 530 bushels | (a) $\$ 100$ | \$530 00 |
| :---: | :---: | :---: | :---: |
| Oats. | 1265 | (a) 045 | 56925 |
| Indian Cor | 100 | (a) 075 | 7500 |
| Potatoes | 3110 | (a) 025 | 77750 |
| Turnips. | 6290 | (a) 012 1 | 78625 |
| Timothy Hay. | 29 tons | (a) 1100 | 31900 |
| Beaver :" | 54 " | (0) 700 | 37800 |
| Furs |  |  | 780 60 |
| Maple Suga | 11.60 挂 | @ 008 | 9280 |

ETOOK:
Cattle ..... 48
Horses ..... 3
Pigs. ..... 12I have the honor to be, sir,Your obdt. servant,(Signed) George Go Boswell,Free Grant Agent, Noith Bobcaygeon.

APPENDIX No. 28.
REPORT OF TEE AGENT TOR THE SOUTKERLY PART OF TEE BOBCATGEON ROAD. Crown Land Agency, Bobeaygeon, Dec. 30th, 1863.

## To the Honorable the Commissioner of Crown Lands.

Sir,-I have the honor to subwit, for your inspection, a report on the progress, \&e., of Tree Grants on the Bobcaygeon Road, as far as my agency"extends; also a table; condensed from information gathered from Free Grant settlers, individually; showing the amount of crops, with their value, and general information, which show a large increase and improvement over 1862. This is owing, no doubt, to the favorable season-the entire absence frost during the past spring. The fact of the small increase of setters on

Free Grants, and the large increase of population, may be attributed to the number of Free Grant settlers who have sold portions of their lots to new setclers, whose names I have not put down as occupants of lots. No increase has taken place in the number of settlers beyond the Peterson Juaction. This arises from the inferior quality of the lots, as settlers prefer buying land at seventy cents per acre in more ayailable parts of the dis. trict, to settling on Free Grants so tar back.

I beg also to meution that the very bad state of the Bobcaygeon Road has very much impeded the sale of lands during the past season. From Bobcaygeon to Burnt River, the road is just passable, but, with a small expenditure, might be very much improved. From Burnt River, the road for sis miles is almost in an impassable state, and, in the spring and fall of the year, is really dangerous for teams. Accidents frequently occur on it. This state of things very much discourages intending settlers, and I feel satisfied that money expended on its improvement would soon be refunded by the increase of sales of land. In some cases a slight deviation from the road as it is at present, at a small expense, would avoid the most dangerous places, and give much satisfaction.

Among the improvements for the year are two grist mills in successful operationone at the Gull River, about two miles from the Road, the other at Burnt River, whore the road crosses it, capable, each, of grinding a large quantity of grain; and it is estimated that there is sufficient wheat now raised in the back country to keep them both employed. This will be a great saving to the farmers of the place, as it dispenses with the necessity which bitherto existed, of drawing their grain twenty or thirty miles to mill.

Each of these mills has, in connection with it, as saw-mill, which saw about two thousand five hundred feet of lumber daily. This may be contrasted with the fict that in the Free Grants there are as yet no mills in operation.

There are also two saw-mills completed in the Township of Stanhope, from which (mills) quantities of lumber are floated down the waters of the Gull River to moet the increasing demand.

As to the settlement and population of the townships in the neighborhood of the road, I think they will be found to contain sextuple the number of inhabitants of the Free Grants, and to have a proportionate supcriority in the amount of crops raised.

A's to the available lands for settlement still not taken up, I tind that large blocks still exist in the Townships of Galway, Snowdon, Cavendish, Stanhope and others, and perhaps about seventy lots in the Townships of Minden and Somerville.

AGRICULTURAL AND OTHER PRODUOTM.

| Wheat........ 428 acres. | 6,428 bushels @ \$1 00 per bus | \$6,428 00 |
| :---: | :---: | :---: |
| Oats.......... 309 " | 7,320 " @ 0 40 " | 2,828 00 |
| Turnips. .....284 " | 38,358 "@ 015 | 5,753 70 |
| Potatoes. . . $198 \%$ | 18,582 « @ 02 | 4,645 50 |
| Peas......... 57 | ¢ 925 @ 060 | 55500 |
| Barley....... 16 " | 340 " @ 100 " | 34500 |
| Hay........... 482 | 430 tons @ 1200 per ton | 5,160 00 |
| Sugar............. | 2,592 tbs @ 010 per lb. | 25920 |
| Molasses. | 98 gals (a) 050 per gal. | 4900 |
| Pasturage... 350 acres. | @ 300 per acre | 1,050 00 |
|  |  | \$27,163 40 |
| Furs. |  | 5,000 00 |
| 12 barrels of Potash | (a) 820.00 | 24000 |
| 200 M. of Jumb | (a) 700 | 1,40000 |
| 500 M. Singles. | (a) 100 | 50000 |
| Garden produce. |  | 1,000 00 |

Turnips may appear rated at too high a price; but the lumbering operations will make them valuable in a short time.
NATIONALITY AND NUMBER Of SETMLERS ON THE BOBCAYGEON ROAD, JAN. IST, 1864.
Irish ..... 112
English ..... 43
Canadian ..... 35
Scotch ..... 16
German ..... 1
French Canadian ..... 1
Sivedes ..... 2
210 (families.)
Total population ..... 1002
mprovements.
Acres of land eleared ..... $2499 \frac{2}{2}$
Acres chopped ..... $322 \frac{2}{2}$
Houses ..... 173
Barns ..... 92
Stables ..... 156
Saw-mill. ..... 1
LIYE STOCK.
Horses .................. 38 @ $\$ 5000$ ..... $\$ 1,90000$ ..... 124@3000 ..... 3,720:00
Cows ..... 203@ 1500 ..... 3,045 00
Young Cattle ..... 211 (a) 600 ..... 211 (a) 600 ..... 1,266:00 ..... 1,266:00
Pigs ..... 238 @ 300 ..... 71400
Shicep 58 @ 400 ..... 23200
\$10;877 00
All this shows unmistakeably that this is one of the most prosperous of the newlysettled sections of the country.

> I have the honor to be, sir, Your obedt. servt., Rogard Huages Agent.

APPENDIX No. 29. REPORT OF THE AGENT FOR THE HASTINGS ROAD. Hastings Road Laency, Madoc, January, 14, 1864.

SIr,-I herewith have the honor to sead my Statistical Report of the Settlement undermy charge, for the year 1863.
The accompanying contain the following particulars, viz. :-
The number and description of each lot;
The name of the settler in occupation;
The number of acres cleared, with the number in process of clearing, and the number under cultivation on each lot;
The quantity and description of produce raised" on each lot;
The quantity of potash manufactured by each settler ;
the buildings on each lot;
The live stook omed by each settler; and
The number of individuals in each resident family.

The following syuopsis of the tables is presented for purpose of reference:

> Total number of persons in possession of Free Grant lots on the 30 th December, 1863 398
> Of these, 27 are non-resident.
> The total population of resident settlers and their families on Free Grants at the same date is
> 1,031

## NATIONAI ORIGIN OE SETTLERS.

England ..... 48
Ireland. ..... 173
Scotland ..... 48.
Canada ..... 91
Germany ..... 27.
France ..... 2
Lower Provinces ..... 2
Orkney ..... 3
United States. ..... 9

398

The number of new settlers located on Free Grant lots during the year 1863 is 22, of whom 4 were natives of England, 4 of Treland, 12 of Canada, and 2 of Scotland.

In addition to the Free Grant lots located, I have sold during the yeir 72 onehandred acre: lots of Crown and Clergy lauds.

The total receipts on account of public lands in this agency, for the year 1863, amount to $\$ 7,869.04$, being a considerable increase over those of any previous year.

> The number of acres cleared at the close of the year 1c63, on Free Grants, is. 4,791
> In process of clearing. $579 \frac{1}{8}$
> Total
> 5,3701
> Number in same condition at close of 1862. 4,553
> Increase during the year ........... 817 acres...

Tuble of crops and industrial products on the Free Graut Lot's of Hastings Road Agency for the yenr 1863, taken from the tables collocted by the agent, and showing in detail the quantities raised on each particular lot :-


> Garden produce estimated at........................................... $\$ 50000$
> Turned Chairs and other wood work................................. 40000
> Total value.
> $\$ 62,75070$

In estimating the value of the several items of produce, I have been governed by the actual prices paid on the Road, and careful to put the price rather below than above the average. For instance, in the item of oats, I put the price at 40 cents per bushel, although they are in a brisk demand at present on the upper part of the Road at 50 and 55 cents; and large sales have been made at these rates. In the item of hay, also, I have put the price at $\$ 16$, although many sales have been made at $\$ 17$ and $\$ 18$. I have also observed the same rule throughout in the collection of the statistics, in all cases where the grain was not threshed, to put the quantity rather below than over the probable yield, so that the tables miy be relied upon as statistically correct.

In order that you may be in possession of full information in the most condensed form possible, I have prepared the following comparative tables, exhibiting the progress of settlement year by year, from the opening of $m y$ agency in 1856 down to the clise of 1853 :

Table No. 1.-Generay Progress of Settlement.

| Years............... | 1856. | 1857. | 1858. | 1859. | 1860. | 1861. | 1862. | 1863. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Locations entered | 156 | 115 | 144 | 78 | 56 | 88 | 32 | 22 |
| Acres clearcd. | 417 | 991 | 1547 | 2081 | 2681 | 3641 | 4553 | 5370 |
| Buildings | 60 | 134 | 187 | 252 | 336 | 407 | 512 | 580 |
| Pupulation | 280 | 430 | 623 | 728 | 980 | 1010 | 970 | 1031 |
| Hurses..... | 4 | 12 | 21 | 34 | 49 | 53 | 64 | 79 |
| Horned Cattle | 22 | 65 | 128 | 226 | 338 | 575 | 869 | 8:7 |
| Hogs. | 40 | 72 | 90 | 120 | 194 | 448 | 517 | 613 |
| Sheep.. | ... | ... |  | 26 | 35 | 36 | 59 | 188 |

Value of Crops................ no return no return $\$ 21868.75 \$ 27659.32 \$ 35349.30 \$ 44418.15 \$ 46982.00$ \$62725.70

Table No. 2.-Comparative Table of Principal Articles of Produce.


It will be observed that the locations show a rapid decline in number after the first three years, particularly in ' 62 and ' $6 \%$. 'ihis decline is partly attributed to the introduction of the regulation requiring the payment of an entrance fee of $\$ 5$ on each Free Grant location at the close of 1861 ; but this regulation would not have affected the number of entries to so great an extent, were it not that the Free Grant lots re:naining open for location at the last mentioned date and subsequently; were at a considerable distance from the front, and very difficult of access on account of the bad condition of the road. The same remark applies to the Free Grants now remaining on my hands for location; an?, in order to obriate the disapointment arising from this fact to persons coming to this section from abroad to seek such locations, I have urged the opening of the lots on the town lines crossiug the Hastings Road, between each range of townships, as Free Grants. This measure would unquestionably be highly beneficial in many respects. It would give strength, solidity, and body to the long line of settlement established along the main road.

It would bring the Crown Lands in the townships into rapid sale, by bringing them all into prozimity with neighborhoods of resident settlers, and in this point of view it is a measure of great imporlance to the revenue. I am aware that the late Hon. Commissioner of Crown Lands, although favorably disposed towards the adoption of the proposed measure, was prevented from doing so by a doubt as to hisauthority under the Land Act to open any lots as Free Grants, except those touching the main lines of colonization roads. I do not know whether the Department still entertains any doubt on this point; but if so; the measure is one of such great importance, and so much required, that such doubt ought to be removed by legislation, if necessary

Immediately connected with this point is the question of opening short lines of cross roads at intervals of five miles along the main line, in order to give easy access to the pablic lands in the townships. I dwelt at some length, in my last report, on'this subject, and would beg to state now that the events of the year just closed have tended very strongly to confirm my opinion of the necessity of the measure.

By the departmental letter of the lst September last, I was instructed to include the statistics of the townships with those of the' Free Grants in my annual report ; but the date at which I received order to collect the statistics (9th December) was so late, that it was impossible to collect them in time for this report. I made it a point, however, to collect all the information possible from such of the back settlers as I met along the road; and from the township officers and others acquainted with the different settlements. : From the information thus gathered, and my own knowledge, I am able to form a pretty accurate estimate of the crops raised in my agency on lots purchased from the Crown. I estimate the crops so raised at one-third in extent and value of those raised on the Free Grants, or $\$ 21,000$. In placing it at this low estimate, I follow the same rule before referred to - of being rather under than over-so that we are perfectly safe in placing the value of the products of this agency for 1863 at $\$ 83,725$.

The value of such reports as these made by the agents to the Department of Crown Lands depends entirely on their authenticity, and the reliance which can be placed on the statements of facts which they contain. The credit of the Department is, to a certain extent, pledged to the correctness of the published reports of its agents. The accuracy of my report of crops raised in 1861 was questioned in a report of a committee of the Legislative Assembly, published at the close of last session; but, as the most incontestible evidence exists to establish the correctness of my statements for the year in question, I think the Department is bound, for its own sake, as well as for the interests of truth and justice, to publish such corroborative evidence.

The year 1861 was one of great success in all the agricultural products in this section. My returns of crops were therefore large beyond precedent, and appeared to offer a fair mark for attack. Fortunately for me, it was also the year of the Provincial census; and the only one sioce the commencement of the settlement for which $I$ could have procured corroborative evidence, taken by public officers of whom I had no knowledge or control. I append the figures from $m \mathrm{~m}$ report for 1861, and those of the census returns for Tudor, Lake, and the Hastings Road for the same year :-

My Report for 1861.

The Census exceeding my Report by
J2236'bushels of grain and roots.

This excess is accounted for by the fact that the census returns inciude the settlers in Tudor and Lake, who are upon lots other than Free Grants, while my report is confined to the Free Grant settlers in these townships. The excess is, however, greater than the
whole produce raised by the back settlers. There were then only about 70 or 80 settlers in Tudor, and less than 20 in Lake, exclusive of those on Free Grants, whose crops are included in both returns.

## ROAD IMPROVEMENTS.

During the summer of $1862, \mathrm{Mr} . \mathrm{J} . \mathrm{G}$. Haslett; $\mathrm{P}^{2}$ L.S., and the writer, by the instructions of the Department, laid out and surveyed a series of deviations from the Hastings Road, with a view to its improvement, and the avoidance of numerous steep hills along the line. The longest of these alterations was that from the York River bridge on lot 54 , in Faraday, to lot 41 , in Montagle, a distance of nearly 11 miles. This piece of new road was nearly completed during the present year, and is pronounced by all persons :who have seen it aud who have travelled over the other roads, to be the best piece of colonization road in the Province. It is also the cheapest in point of cost, and is two miles shorter than the old road between the same points. The latter is also very hilly, while the new road is almost a perfect level from end to end.

Eleven miles of a new road laid out by Mr.J.Snow, P. L.S., in Tudor, were also made this year.

It is very desirable that the alterations laid down between the porth boundary of Tudor and the commencement of the new road at York River should be made early nert year. If they were made, the road would be nearlylevel throughout, at least nearly all the bad hills would be avoided, and it would be muoh shorter; teams counld carry fully double the loads they now carry, and the public lands"in the upper townships would be brought' into easy access and sule.

For details of expenditure on the roads, I beg to refer to the acoounts and vouchers sentit in to the Department herewith.

During the summer of 1863 , considerable attention was attracted to the townships of Tudor and Lake, by the reported discoveries of deposits of copper and lead in several localities throughout these townships. The first attempt at mining was made near Glanmire, on lot $\because 8$, Ith concession, Tudior, purchased by Mr. Thonas Richardson: Soase very pure specimens of galena, containing 65 to 0 per cent. of lead, were taken out at this mine, but the working of it has not been continued to any extent. A mive was opened last autumn onlot 28 , concession B, Tudor, held by Mr. John Kypgin, and has been worked for about two months. A well-defined vein of galena wis found here, averaging about three inches in thickness, with regular rock wall of limestone on the northeast side. This vein has been opened to a depth of some 18 or 20 feet, "und 12 to 15 in rength. Some 14 tons of the ore were taken out at this mine, which is worked by Messrs P. Chardiand Co.

Similar deposits of pure galena, have been found in several other parts of Tudor, and, I am informed, also in the $S$. ' $W$. corner of Cashel.

In Lake, extensive deposits of copper ore have been found in the 3rd. 4th aud 5 th concessions; and a considerable quantity of the ore has been brought to the surface. Miners of experience and character have reported very favorably of these deposits, and a good many speculative purchases of lots in the vicinity have been made on the faith of the expectations so raised.

All the fucts which have come to my knowledge in this connection tend strongly to confirm the opinion which have always held and frequently expressed, respecting the immense undeveloped wealth of this section of the country.

## GENERAL CONDITION OF MHE SETTLERS:

The year 1806 was one of general hardship and many trials to settlers in the backwoods. Many of the settiers in the lower townships suffered most severely from the scarcity of provisions, and the crops of 1863 were curtailed by the want of seed grain on the part of a large number, who were forced to use what they got for that purpose, in order to supply the actual requirements of their tamilies for food frad it not been for this circumstance, the crops, particularly of wheat, would have been much larger in 1863, as the season was in every respect most favorable. The crops were not injured by any kind of, fly, insect, rust or blight, but were in general all that could be desired. The onfy complaint was that some of the late potatoes and ote were injured by frost; but this did not accur to any appreciable extent.

As an example of what can be done by the intelligent application of capital, industry and skill to farming operations in this pait of Canada, 1 give you the result of this year's work on the Egan farm in Dungannon, taken from the statement of Mr. Jchnson, the farmer in charge, for the prosent proprietors, Messis. Harris, Bronson \& Co., of Ottawa. This farm is situated near the York branch of the Madawaska rivor, 53 : miles north of Madoc. It is theretore farorably located to test the capacity of North Central Canada as an agricultural country: It contaios about 810 acres of clear land the greater portion of which has been subjected to a system of exbaustive cultivation for the last eighteen years :

The quality of this land is by no means exceptional, there being many thousand acres of the same quality unoccupied in the same and the adjoining townships.

## MILLS, SCEOULS, POSH-OFFICES, RELIGIOUS SERVICES, \&C.

The saw and grist mills at E'Amable Lake, in Dunganion, and at the Papireau river. in Wicklom, have been in operation all the year. The mill-site at Beaver Creek is still unoccupied and unimproved. I would respectfully urge an early re-sale of this site, with the addition of 500 acres of land as an inducement to capitalists to undertake the erection of mills, which are much wanted at this point by the settlers in Tudor and Gake.

Two schools have been kept opea in Tudor for the greater part of the year ;one for a part of the summer in Limerick, and one for the whole year in Bangor Some more cffective method of applying the aid from the public Poor School Fund to schools in these back settleinents is required, The techaical dificulties existing in the present law and regulations of the Department of Common School Superintendenceact as an effectual bar to the reception of aid by the settlers in remote townships, where such aid would seem to be most required.

The Post Office Depactucnt has coitivued to afford every possible aid by the establishment of new offices as fast as the progress of settlement required them, and by increasing the services of the offices on the lower part of the Road."We have now two mails each week to Bannockburn, Millbridge and Glanmire.' We have five post-offices on the hoad, and two more are about to be opened. I feel it incumbent upon ine to mention here that the settlers are much iddebted to Mr. Sweetman, Post Office Inspector', for the very great interest he has taken iu ull inatters connected with the affording of every possible aid in this connection, and the promptmanuer in which every application has bcen responded to.

A regular Church of England mission has been established here since my last. veport.
Catholie clergymen visit the Road and celebrate mass frequently in the rifferent settlements.

Ministers of the Fresbyterian Free Church and of the several Methodist churches also hold services at points along the road very frequently.

The heilth of the people continues to be so good that no physicianthas yet been tempted to seitle amorgst them.
I. have the honor to be, sir,
Your very obedient servant,

Mr. P. Hayes,
Agent, Hastings Rood.

# APPENDIX No. 30. <br> REPORT OF THE AGENT FOR THE MUSKOKA ROAD. <br> Crown Lands Agency, Orillia, 31st Dec., 1863. 

To the Hon. the Commissiouer of Crown Lands.
Sri,-I have the honor to submit my Annual Report of the general improvements on the Muskoka Road, to the 31 st December, 1863.

## FREE GRANIS.

Number of Lots located ..... 160
Actual settlers. ..... 140
Total population ..... 557
Houses ..... 86
Shanties ..... 56
Barns, stables, outhouses. ..... 62
Lumber Mills. ..... 2
Grist Mills ..... 1
Acres cleared ..... 671
Acres chopped. ..... $132 \frac{1}{2}$
Houses built in 1863 ..... 47
Barns ..... 13
NATIONALITY.
English. ..... 159
Irish ..... 164
Scotch. ..... 148
Canadians ..... 61
French. ..... 16
Germans ..... 6
Americans ..... 3
557
Inerease during the year. ..... 270
UIVE STOCK.
Horses ..... 19
Cattle ..... 78
Cows ..... 44
Pigs. ..... 80221
Increase, 1863 ..... 95
IMMIGRANTS DURING THE YEAR 1863.English, 48 ; Scotch, 35 ; Irish, 17 ; German; 7.-Total, 107. This number coversthe whole settlement.
TALUE OF PRODUCE, 1863.



The above covers about 44 miles of Free Grant road; 25 of which were added during the present year. From the North Falls of Muskoka northward, the whole country begins to improve both in soil and timber, and rock is much less plentiful The Froe Grant lots are nearly all taken up, most of them being well improved:

## CROWN LIANDS.

Seven townships are under my charge, viz: Morrison and Muskoka, in this county; and Draper, Macaulay, Stephenson, McLean'and Brunell, in the County of Victoria, about 200,000 acres. Out of this, 23,000 have been sold, and about 16,000 taken up as Free Grants.

A new township (Monck), north of Muskoka towuship, has beeu receutly surveyed, but is not yet in the market. There are a number of squatters settled down here, and they have made large improvements-the land in general being escellent. I have given a summary of the productions of this township.

## NATIONALITY.

Irish ..... 270
English. ..... 180
Scotch ..... 150
Canadian ..... 100
German ..... 100
French ..... 20

## IMPROYEMENTS.

Houses ..... 129
Shanties ..... 110
Barns, \&e ..... 126
Lumber Mill ..... 1
Acres cleared ..... 1194
Acres chopped ..... 211

## LIVE S'ROCK.

Horses ..... 10
Cows ..... 127
Cattle ..... 168
Pigs. ..... 75
Sheep ..... 26406
yEAR'S RETURN OF PRODUCE.


SUMMARY.

Tornships.

| Townships. | Population. Eousos. |  |
| :---: | :---: | :---: |
| Morrison.... | 350 | 50 |
| Muskoka.... | 96 | 9 |
| Draper...... | 171 | 34 |
| Macaulay.... | 60 | 5 |
| Monck...... | 195 | 30 |
| Total... | $\boxed{372}$ | 128 |
| Year's increase | $\boxed{147}$ | 45 |

Shanties. Barns, etc. Live stock. Lot's oneupied: Year's return.
$24 \quad 6 \quad 312,843$ 02 2

The abore shows that the returns of produce have more than doubled those of last. year.

A good harvest has rewarded the toil of the settlers this year. Fall wheat has, for three seasons, been grown with much sucenss; and a considerable breadth has been sown thas fall. Indeed, grains of every kind do remarkably well, as also du root crops. One settler on aree Grant, in Macaulay, raised over 2000 bushels of turnips this year, it being: only his second year of settlement. Tobacco and flax have been grown with success; the former being on the increase:

Among the improvements of the yeur are, one lumber mill, a grist mill, an increase in tavern accommodation, new stores, two more post offices, and two new school-houses or chapels.

Twent miles of road are now in construction on the Parry'sound Road, a connection betreen the main road and Parry's Sound Harbor, on Georgian Bay. This roud passes through excellent hardwood land, on which squaters are setting in ricat nambers. There is a vast tract of splendid land as we proceed north ward, which will attract considerable aitention if a survey of it be proceeded with. On some points of high land, miles (in one placo not less than 40 in distance) of almost clean hardwod lund can be seen, and the soil is known to bo good. One important feature in this vast district is-the ridges. of rock, so plentiful in the first townships, are very scarce here, as also are loose stono and rock: If practicable, no time should be lost in opening up this tract for settlement.

The plan lately ad, pted by the Department-to hare the townships carefully inspected in order to trace up the available lands for settlencent", and to withdraw the useless from. the market-is a step in the right direction. "It enables the local agent to airect with confidence, the settler to the lot that will suit him, thereby securing to him a greatisaving in time and expense. The result of the inspection of the Township of Stephenson has been very satistactory, as showing it to be a good one for settlement, and no doubt there will be a great influx of settlers there. "The new Townsbip of Monck is also knownto be a guod one, as shown by the amount of improvements recorded in this report.

In my first visit through the settlement, it was most pleasing to find that contentment seemed generally to prevail: indeed, complaints were not heard, on the contrary much satisfaction. A visit to the settler's humble dwelling is a subject for thought. Taste and neatness, oftentimes under discouraging circumstances, are to be seeil. What method and. fertility of arrangement where all was plain, rough and scant! It is here, where tho elegant: appliances for housewifery are impossible, that moman's most fertile resources of tact and skill most strikingly appear-often making the rude log-house, and simple, home-mado furniture, wear an aspect of comfort and taste not unfrequently manting in houses of luxury. This is more generelly found among those who were formerly mechanics and operatives. The writer in a Montreal paper, somefew months ago, could never hare traveledor observed much ingon settlemenis, or he would not have condemned the introduction by the Government, of"emigrant operarives." "Send us none of your rural laborers, says an Amexican; "they can only do one thing: a ploughman plourh, and a carter drive t team Half the year with us a saw or axe must be used, and other occupations nust fill up the tirne when husbandry is impracticable, and we can teach your rustics nothing of this Send us a mechanic, we can easily teach him to plough, harrow and drive a cart, for that portion of time our climate demandsuch sort of pork:" The reason of this is, the agricultural labover is confined to apetrak; he oannot rise above his dradgery, having nerer been throwa u the piogress of
his kusiness, upon his own resources. A mechanic is the reverse of this; he is perpetually thrown into situations where his own judgment must be brought into action. Butwe need all classes of emigrants. If they have energy, it matters little what may be thoir calling they can secure an independence in a few years.

This settlement has now passed its rubicon of doubt. A population of 1400 souls must satisfy the most sleptical that the induccments are such as must bring it into competition with the best portions of Canada, whilst it offers advantages not to be found elsewhere, being in the centre of what zust ultimately be the great highway from the Atlantic to the far West.

This settlement can be reached from Toronto in cight hours in summer, and in one day in winter; the village of Orillia being a ready market for all the necessaries of life. Mill sites abound, and fish and game plentiful; the Lakes afford the finest scencry on the continent.

In conclusion, I woula urge the necessity of extending Free Grants. If emigration be directed to our shores, provisions must be made for it commensurate with the demand. There are portions of lind off the road in each township adapted for this purpose, without interfering with the best. This would only be a temporary sacrifice; the ultimate gain would be a speedy population, and an addition to the wealth of the Provivec. We have a vast country north of us, in the main well adapted to arriculture; and I speak advisedly when I say that, however great the influx of immigration may be, our available land cannot be exhansted for a century to come.

I would also suggest the propriety of forming a road fund out of the sale of lands. Five per cent. would answer the purpose Good tracts of land lie in the main roads untonched, simply because of the difficulty and expense of making roads. If such a fund were available, a few men might combine and coter upon such lands, encouraged by the uid offered them, upon which they could or would not have ventured if left to their own resources. If thesc two agencies were brought to bear upon the settlements, the work of four years would be done in one, that is, as regards the settlement of the conntry.

If it be necessary to apologize for offering these remarks, I would say that a local agent has every opportunity for knowing the thoughts and wants of the multitudes who throng to a new settlement, and he must be obtuse indeed, if, from the various opinions freely expressed, he be not piepared to adviso in the work committed to his charge.

I have the honor to be, sir, Your obd't. servant,
R.J. Oliver,
C. L. A.

## APPENDIX No 31.

MEPORT OE THFE AGENT FOR THE OPEONGO ROAD.

> Cnown Lands Agency, Clontarf, 4th January, 1864.

## To the Honorable William McDougall, Commissioner of Crown Lands, Quebec.

SIr,-I have the honor to report that, in compliance with the instructions conveyed in your letter of the 5 th ultimo, I have just terminated a careful inspection of the settlement upon the Ottawa and Opeongo Road, confided to my charge.

The scason of the year rendered it impossible for ne to ascertain, by personal examination, the state of the road itself, but I have been particular in making myself acquainted, as far as it was possible, with the condition and prospects of the people who have settled upon it, and I now respectfully submit the result of ny observations.

The total number of names in myooks is 313 , of which 23 were entered duriog the year just closed, cight of them beingou the Hastings and Opeongo Junction Road, in the Township of Radeliffe of these 23 new men, 6 took the places of others wh had forfeited their lots for non-complinace with the conditions upon which they had received them, and 9 took the places of settlers who voluntarily resigned their lots, receiving, I think, in most cases, a consideration for doing so from the new men.

The number of 23 new settlers in a year is small, and I much regret to be obliged to state that my recent visit to the several lots has fully confirmed the opinion I entertained through the ycir, namely, that cven of this number there were some who took up the lots, not with the intention of residing upon and cultivating them agreeably to the regulations, but for the purpose of, if possible, securing the pine timber growing upon them. Of these $\because 3$ new lucations, then, it seems to me now that 12 have applied and paid for, for this purpose; but owing to the order to "discontinue further inspections of the road, unless under special instractions; and conveyed in your letter of 22 nd of January, 1863, T have been unable now to satisfy myself of the frauds thus practised, and which under the circumstances, I. was powerless to prevent.

After thus deducting the 12 who evidently never intend fulfilling the conditions of settlement upon the lots taken up by them, there remains' but 11 linia. fide settlers during the past year. This shows a considerable falling off frem former years; but taking into account the uninviting character of the land through which the last made ten miles of the road pass, and the great objection that still exists to paying the location fee of $\$ 5$, the circumstance is not oue that can well be wondered at. Exclusire of the 12 lots referred to, which I regard as vacant, I find there are 35 other lots unoccupied ; but these were taken up in former years by old possioncrs from the British army and some others, all of whom were bad judges of land, and who, after some experience, finding their selections unprofitable, abandoned theu-some to return again to the front, others to go farther into "the bush" and get better farms.

During the past year, I find that there have actually been under crop upon the grant lots along the road, 2237 acres, which have produced the followiug crops, viz.:

which shows the arerage value of yield per acre to be slightly over $\$ 22$, and this exclusive of beef, butter and garden vegetables, which, if valued, would form no inconsiderable items. I must here state that although the above figures show a fair payiag return for the farmer's labor, it would be still larger were it not for the reluctance of the Prussian settlers to speak the truth as to their crops. There are 38 of them residing on the road in the Townships of Radcliffe and Sherwood, and I im certain that not one of them gave me a correct return of his crop. Several persous, upou whose statements I can rely, told me that those people never before had as good crops as they have had the past scason, and the daughter of one of them who acted as mintcrpreter, told me that they were not replying truthfully to my questions. They all scemed impressed with the idea that it would be more to their advantage to make me believe that their crups were poor and theit prospects bad, though why they should do so $I$ an at a loss to imagine.

The twelre miles of the row lying between Clontarf and Bradencli Corner is represented to me as being in a sad state of decay, and I can myself speak of the necessity that exists for repairs upon portion butween here and the Bonnechere road, having passed over it several times during the summer. A good deal of statute labor has been expended
all along the road during the first season, but upon such a length of road the amount of work done is scarcely perceptible. Itherefore beg again to repeat my forner recommendation, that the next appropriation that is made for this rond be expended in repairing the 40 miles west of its junction with the Bonnechere road. This is the longest made and the most travelled portion of the road, and if something be not donc carly nest spriner towards repairing it, it will undoubtedly be impassible for all but travellers on foot, and strangers coming to seek homes on or in the neighborhood of it will be deterra, if not absolutely prevented, from carrying out their desires. I an happy to say that since the reposting of the lots by Mr. Bell, no land disputes have arisen, and in all other respects the settlers live on terms of good-fellowship with each other.

The rates of wages for agricultural lahourers still contiaue high all around here; and immigrants seeking employment during the ensuing spring and summer will, I am certain, find in this part of the country a remuncrative field for their services.

The German Settlement, or "New Germany"-as the settlers themselves have naned it-is steadily progressing. It is about four miles south of the Opeongo Road in the Township of Sebastopol. There are now some 22 German families settled here; they are all inteiligent and industrious, and secm quite content with their position and prospects. The Municipal Council have lately taken steps toward opening a road from "New Germany", to the Opcongo Road, and the Germans are making exertions for the opening of a school in which laudable effort, I am persuaded, the Council will aid as far as their power will permit.

There are eiflt common schools now in operation ou the 35 miles of the road lyig between Shamrock and Breunan Creck, and it gives me much pleasure to be able to say that they are well attended, and that there is no tax which the poor settlers so cheerfully pay as that imposed for school purposes.

The past year has not witnessed the perpctration of anything approaching to a crime upon or in the neighborhood of this road, and considering the newness of the settlement, the great mixture of nationalities and creeds tha prevail in it, and, I may say the almost entire absence of legal restraint, the fact speaks well for the character of the settlers.

The permission to dispose of the timber growing upon their lots is one that the settlers are largely availing themselves of, and much "scattering timber" is being taken out this winter along the road and off the front lots.

The sleighing is now good, and the drive to the lumber chantiers on the Madawaska has fairly begun. The settlers are consequently all busy in disposing of and deliveriag their surplus produce. The prices they are receiving, though not considered high, are yet well paying ones, and as the harvest has certainly beenabundat, the coming jear will be une of plenty, and I am perfectly certain that the "peace and good will" which has heretoforc existed will continue to prevail throughout the settlement.

I have the honor to be, sir,
Your most obedient servant,
J. P. Frencir, Agent 0. \& O. Road.

## APPENDIX No, 3:.

REPORT OFTHE AGENT FOR THE MATANE AND CAP CHATTE AND GULF ROADS.
Colonization Agency,
Ste Anve des Moots, 5 th January, 1864.
To the Honorable the Commissioner of Crown Lands, Quebec.
Honorable Sir, - I have the honor to submit, for your consideration, this my Report, for the year 1863.

In this Report, which I intend to make as short as possible, vill be found:

1. A statistical statement of the area surveyed, and of that in posscssion of settlers in the several establishnente situated within the limits of my agency.
2. A general account of the progress and actual state of colonization upon the road from Matane to Cap Chatte, and that part of the Gulf Poad assigned to mycre
3. Some observations upon the propriety of opaning certain roads of communioa.
tion, which I sonsider as being the most proper means toward promoting the colonzation, in that vast district which you have been pleased to assign to my care.

## GENERAS REMARISS.

In the extent of territory placed under my charge, are cight settlements, contiguous to the St. Lawrence, and situated along the shore for a distance of 114 miles. The first ranges of these settlements, with the exception of the Taschereau settlement, are laid out in farm lots. The superficies of these settlements, which have been surveycd, may be divided as follows :


Of the total arca surveyed and laid out into farm lots, 17,554 acres are situated along the road of Matane and Cap Chatte, and 14,742 acres along the unsettled part of the Gulf' Road. The 28,239 acres in possession of settlers contain a population of 1500 souls. This country is watored by a great number of rivers and streams, which run through it in every dircetion. "Along some of thse rivers, and especially along the rivers Ste Anne and Cap Chatte, are found beautiful valleys, which for a length of tine have aheady attracted the attention of settlers, and where a grod number of our young people would direct their steps, were there a line of communication reaching to that lecality. The soil of the back of this part of the courtry is of good quality; the kinds of timber found there are chicfly spruce, white birch, tamarac, black birch, cedar and maple. Starting from the height of the cliffs which gencrally border on the river, the landscontinue to rise as firr as the middle of the second range, then extending upon the same level, and forwing, save the slopes of rivers and streams, a table land which sttains the mean height of about 200 feet abore the level of the water. Along that part in the vicinity of the river, the land is generally uneven, but the soil is no less very fertile and offers abundant resourees to the settlers, which you will be enabled to verify in the course of the present report.

## ROAD FROM MATANE TO CAP CHATTE.

This road, which is 36 miles in length, opens a line of communication between the Matanc and Cap Chatte settlements, and is partly completed. The Honorable the Minister of Agriculture has been pleased, from the appropriation of this jear, to devote a certain amount for the building of two bridges, which are very much required; two or three hills yet remain in want of needful improvement:

The total superficies of the lands which"are to be found upon the length of the road from Matane to Cap Chatte is, as I had the honor to state, 17,554 acres, subdivided into farm lots. Of that superficies 11,078 acres are already giron as Free Grants, and 932 acres occupied by resident settlers.

A general vicw of the actual state of colonization on the road from Natane to Cap Cbatte will enable you, I liope, to conclude that the rapid progress which colonization has made in that locality during the last three years has been satisfactory.

The first lands given as Frce Grants upon the road from Natane to Oap Cbatte, were
so given on the 12th of October, 1860, and now the number of families residing upon the lands traversed by this road is 110 , of which 32 have settled there during last year. All these familics came from the parishes situated along the gulf shore; from the County of Montmagny to that of Rimouski, with the exception ol four families ooming from the County of Charlevois.

The total population is 576 souls, and is composed as follows:-
Men.............................................................. 110
Women............................................................... 95
Boys of all ages ................................................ 204
w Girls do ................................................ 167
Total..................................... 576
making an increase of 135 souls during the present year.
The quantity of fodder grown this year is less than an avernce. What has specially contributed to reduce it much more here than in other localitics, is the loss of more than 100 bushels of grain sown, which was degtroyed by the fire that took place last July. It is, consequently, casy to explain why the increase of cattle, which, in 1862, was in a proportion of 56 per cent. over the year 1861 , is this year but in a proportion of 36 per cont. increase on the preceding ycar. Several settlers, not having the fudder required for their cattle during the winter, have, at the approach of it, killed their cows. This reduction in the number of their cows is a real loss, the effects of which will, above all things, be felt during next summer.

In order to point out clearly the results obtained during this year, I suibmit here a comparative statement of the live stock for the years 1862 and 1863 :-

|  | 1862. | 1863 |
| :---: | :---: | :---: |
| Horscs.. | 39 | 64 |
| Milch Cows. | 70 | 72 |
| Oxen.. | 9 | 8 |
| Young oxen and heifers.. | 20 | 32 |
| Sheep. | 226 | 267 |
| Pigs ... | 209 | 308 |
| Totals | 564 | 751 |

making an increase of 36 per cent. during the year just terminated.
The area of clcared land along the road from Matane to Cap Chatte is $75 \frac{1}{2}$ acres of ploughed land, 1452 acres cleared and already sown, and 943 acres of slashed timber; 755 acres were sorn duriog this year.

The following is a statement of the quantitics of seed grain and crops during 1863 :

giving a produce at the rate of more than 10 minots for cach minot sonn, and of about 120 minots to cach rosident farily,-results well worthy of attention, if it is remembered, as 1 have alrendy stated, that more than one hundred minots of grain sown were destroyed July last. These facts acquire, moreover, a double importance when it is considered that here, as well as along the whole Gaspe coast, all the clearing operations are discontinued for more than two summer months, during which time the setters cmploy themselves exclusively in fishing. The Lower St Lawrence settler is sometimes a good farmer, but he is always a fishcroun, for which occupation he has a natural taste";
therefore, faithful to his ancestors' occupation, the Gaspe settler, as soon as he has sown his land, never forgets, before the tinic comes for harvest, this other providential resource ; and as the present Report shows, the produce of the fisherics in the limits of my agency forms more than one-third in this year's revenuc.

Three fishing establishments, held by traders of the neirhbouring parishes, are now in full operation upon the road from Natane to Cap Chatte. One of these cstablishmeuts is only two years old, and the other two have started kusiness only since last spring. These establishments, which promise to be of some importance, are found very useful to the settlers, who, without any trouble, find a somewhat profitable market in exchanging their fish.

The following is a statement of the quantity and value of the Gish taken by the settlers during last year :-

making $\$ 50.28$ of iudustrial product to cach resident family.
In the settlements of Cherbourg, Dalibaire and Romieux, traversed by the road from Matane to Cap Chatte, 102 houses and 84 barns are now crected; 43 buildings wer built in this locality during the year 1863 ; 18 settlers, having performed considerable improvements upon their lots, and not yet resident, intend to crect buildings upon thei lands and reside thereon in the spring. There is now a chapel in the settlement o Romieux, which has been crected under the care of the Rev. Missionary of Ste. Anne de Monts. This chapel was opened for worship in September, 1862. There are also twi saw-mills in the Cherlourg settlement; one of which has been in operation for 18 months The hope which I had expressed in my report for the year 1862, of seeing upon the roas from Matane to Cap Chatte, a grist-mill put iuto operation during this last year, could not unfortunately, be realised. However, the quantities of grain harvested prove more that ever the necessity of having a grist-mill crected in that locality. The settlers have to trave a distance of 24,30 , and some of them even 36 miles to mill, a laborious journey to mak where the roads are bad, and particularly in the winter. I hope that this state of things considering the growing importance of that locality, will not be of long duration.

In order to give you an exact idea of the progress of colonization along the road from Matane to Cap Chatte, I will take the liberty of civing here a recapitulation of the valu of the crops and other products during the yenr 1863 :-

forming an average andual revenue of $\$ 119.30$ per cach resident family, say $\$ 22.78$ per head:

Thave onitted to enquire as to the quantity of shingles manufactured by tho settlers. Several thousand of them are inanufictured every year.

In adding to the revenue of the year the value of the iuprovements effected upon the landed property, the following results have been obtained :-

Agricultural and iudustrial products for $1 \$ 03 . . . . . . . . . . . . . . . . . . \$ 13,12300$


It is proper to add here the value of the live stock belonging to the settlers :-


Total value of the settlers' property $\$ 53,288.00$, forming an arerage value of $\$ 484.00$ per each resident family.

Suck "are, honorable sir, the results obtained during the last four years, in a locality which has beeu so long considered as destined to remain for ever wild aud uncultivated. Facts of this importance sufficiently prove the bencficial influence exercised upon the colonization of the country by the the opening of roads and the adoption of the Free Grant system. This influence is perhaps the only one which is now sufficiently strong, if not to stop, at least to reduce considerably that current of Canadian emigration which has so long been flowing towards forcign lands.

While proving the prosperous state of colonization along the road from Matane to Cap Chate, I have here to remark that the general progress has suffered by certain partics who, although having obtained their land two or three ycars ago, have totally neglected culti vating since. Of these lots 17 have been transferred to new settlers during last year, and a still greater nun:ber will be transferred during the present year.

I hope, thercforc, by these means, to put a astop to this state of things, which is the case here as upon some other roads where Free Grants are made, - the new settiers ulten fall victims to the sordid speculations of certain wealthy persons who take the lands for the sole purpose of selling thom, as they never intended to settle on them.
fitie gULE rond.
The Gulf Road starts at the lower end of the road from Matane to Cip Cliatte. This road, from its starting point to the N. E: end of the Seigniory of Ste. Anne des Monts, a distance of 131 miles, has been practicable for vehicles for many years. There are bridges yet to be built upon the River St. Anve and Cap Chate on that part of the road; but as their construction will require considerable ontlay, the work nigbt be delayed for a few years without any prejudice to the gencral progress of colonization. This part of the road has been opened by the inhabitants of St. Ane and Cap Chatte, and is under the superintendence of the municipality of St. Anne. Starting from the NE:
end of the Seigniory of Ste. Anne des Monts, the Gulf Road is yet practicable foi vehicles for a distance of about one mile; from that point it is ouly traced out through the forest, approaching the river shore as much as possible, and is further continued as far as the Great Fox River, a distance of 115 miles.

During many years the want of communication has almost paralyzed the colonization of that part of the country traversed by the Gult Road. The few hardy pioneers who are scattered along this coast, have always located themselves in the vicinity of rivers and streams, which are almost the only accessiblo places from the shore. At the mouth of the principal rivers; such as the rivers Martres, Marsouin and Glande, the cultivation of land has progressed in such a proportion as to meet partly the wants of the settlers who reside there.

The total population of settlers residing upon Crown l.nds betreen Ste. Anne des Monts and the Magdeieine River was composed, in 1861, when the road was traced, of 95 souls, divided into eight families. The hope that the road would shortly be opened is the only cause why the families residing in that part of the country have now increased to 45 , forming an aggregate population of 209 souls. These families, a greater part isolated from one another, have encamped near the shores of the St. Lawrence, and are awaiting with anziety for the opening of the road, which will enable them to erect buildiugs along the line. Some of these families, which have already made considerable improvements upon their lots, intend crecting buildings in the spring along the traced line of the road. They would all have done so if the distance from the shore, where in some places the line is traced, and if the high cliffs which generally border that const, would allow an casy communication with the shore, which, at preseut, although very arduous, is the only practicable route.

I will here submit a recapitulation of the actual state of the colonization of Crown lands in that part of the County of Gaspé, which extends from the Seigniory of Ste. Auve des Monts to the Scigniory of Grand Madeleine. In this recapitulation I will enter into no details concerning the seigniorics. The population is composed as follows:-
Men................................................................ 45
Women ..... 37
Boys of all ages ..... 81
Girls do ..... 74I'otal

With the exception of four families of Irish origin, this population is of French Canadian origin.

The clearings now made are :-


The quantity of land som this year is 1.32 acres, learing 31 acres in meadow, from wheth 1300 buadles of hiay have been cut.

The following is a statement of the guantities of seed grain and crops during 1863:-

> Sece Crop. Falue.

forming a produce of a little more than 12 minots for each minot sown, say 85 minots for each resident family.

The live stock now in possession of settlers is classified as follows :-


The number of buildings is 44 houses, 39 of which are now occupied; 28 barns and 13 sheds or salting-houses, being used, as the name indicates, for the salting of fish. The value of these several' buildings may be estimated at the 'sum of $\$ 536000$.

The eod-fishery, which is here the principal occupation of the colonists during summer, has produced this year:-

930 quintals of dry co
1210 srcen
61 barrels of herrings
14 " of halibut
8 " of salimon

Product of fishery
$\$ 279000$
484.00

> To this amount may be added the value of 4700 pounds of sagar, manufactured by the settlers during last spring, and sold at 8 cents per pound.

$$
\text { Total value of the industrial products.................... } \$ 438000
$$

The recapitulation now of the value of these several products will give the following result:-

Value of cleared land.
\$1699 00

Do of buildings..................................................... 536000

Do of live stock.................................................... 200700

Do of industrial products...................................... 438000

Do of the crop.

236100

To who amount it 18,80700
To which amount it is proper to add the sum of at least $\$ 20$ per each family, as being the average value of the boats and fishing materials:

90000

$$
\text { Total value....................... } \$ 19,70700
$$

irregularly distributed among 45 familes, forming an arerage value of $\$ 43795$ for ach family, 26 of whom have settled in the locality within the last eighteen months... I will further add, that 26 families which have settled in different places along the coast during the last two years, were all absolutely aestitute

In order to complete that part of my report, in which t believe sufficiently to have shown the tendency towards opening up settlement"upon the lands traversed by the Gulf Road line, as also the immediate advantäges derived by those who settle thereupon, 1 respectfully beg leare to draw the attention of the Goveriment to the pressing necessity of this road being opened up, and of giving Tree Grants on its whole lengthe If now, notwithstanding the advantages realized by the settlers who have sufficient determination to come and settle in the locality the colonization of the County of Gaspe has made less. progress than that of other localities, it is only due to the complete want of mieads of communication. It may be remarked that colonization is progressing even nore rapidly than in many other parts of the country along all the practicable roads in the county; and
it is a matter of fact that not a single road has becn opened which is not partly settled along the line. The diflicultics which, according to Mr. Baillarge's report, will have to be overcome in the construction of the Gulf road, are not calculated to lead to the belief that the road is impracticable The greatest difficulty, then, would be the cost of the undertaking.

In this case, though I adhere to the estimate formed of the probable cost of this undertaking when completed, I will observe, that in the amount of this estimate is included the outlay for certain bridges and whares, the building of which might be delayed for screcal years without any great inconvenience. An argument, besides, that might be considered quite sufficient to warrant the expense which the opening, of the Gulf road might necessitate, is the rery importance of that road itself, on which depends cssentially the colonization of all that part of the County of Gaspé situated between Ste. Anne des Monts and the Great Fox River, a distance of I15 miles. Tu making this road, the Government will bencfit a population of 4400 souls, residing in the diflerent settlements spread along the coast, and which is waiting only till the road may be opened to be enabled to estend its circle, and develop the social intercourse.

In opening up this line of road, the Government will promote settlement of that numerous class of Canadian fishermen who arrive here in the spring, and invariably return to their homes in the fall, the greatest number with the riew of spending the winter in the American chantiers, often never to return again: Finally, in adopting this route, the Government will have completed that great postal communication with the south shore of the St: Larrence, and will iudircetly assist the unfortunate seamen who often, after having escaped from the shipwrecks which happen along this const, perish on shore for want of sheds to shelter them, and of a practicable road to reach then.

## PROGRESS OF COLONIZATION UPON THE LANDS TN REAR.

Though I have directed my particular efforts towards the progross of colonization upon the roads specially confided to my carc, I have also applied myself to induce, as much as it has been in my poiper, the setticrs to locate theniselves upon the lands in rear of the settlements of Tourelle and Cap Chatte, and more particularly along the rivers Ste. Anne and Cap Chatte. It is most desirable that a larger number of settlers should come and take possession of, and clear the beautiful lands which are found in the ralleys of those two rivers. The great facility which get exists of making choice of adrantageous places in the vicinity of the Gulf, induces the greatest number of those who arrive here to settle in the locality, so as to benefit by the advantages which the fishery offers. It is time to impress our youth with the idea that fishing is not the only means of existeuce offered to the settlers of the County of Gaspe. Though it is proper to cede to fishing its just share of advantage, it is worthy of remark that the comfort of the settlers generally increases the more in proportion as they negiect fishing, by applying themselves more particularly to the cultivation of their lands. Thus profiting by the experience which they have acquired, some of the settlers are directing their steps towards the settlements in rear. What has been realised during this year, leads me to trust confidently in the future for a very satisfactory progress. In the ralley of the River Ste. Anne, 14 settlers have this year taken possession of linds, fire of them have crected houses, and there are four resident families. About 100 acres of land have been cleared, a portion of thich has produced a crop this year. There is a route opened by the settlers along the River Ste. Anne; it starts from the Gulf and is practicable for vehicles to a depth of about threc miles. Several lots have been taken up jeyond that distance. The Government will assist consi derably the cause of colonization here, by having this route continued, which will so largely contribute to the settlement of the lands in rear.

The clearings made this year in the valloy of the River Cap Chatte, are nearly the same as those made in the valley of the River Ste. Aunc, with the difference that the clearings which were commenced a few ycars since in the former, are much more advanced than thosemade in the ralley of the laiter. Starting from the Gulf and running throuch $a$ depth of about four miles, there is, along the River Cap Chatte, a good road of which a proces verbal has now been made. Were this road prolonged by the Government, it would give a great impulse to lie general progress of the locality.

Several lots have been taken up this yearia the 3rd and 4 th rauges of the settlements of Cap Chatte and Tourelle. The progress of colonization would increase rapidly if there
were casy means of commuication for the settles. Reveywhere the soil is productive, and well fit for every kind of cultivation.

Such is, honorable sit, the official account which I have the honor to transmit to you, respection the chicf requirements, as also the progross and prosent state of colonization in that part of the country assigned to my carc. Ihis statoment has been made with the greatest possible accuracy. If, in drawing up this report, I have taken the liberty of making observations which should not have properly formed part of it, my only object in so doing is to make known the requirements of these localities, and to gire a more complete idea of the advantages offered to the settlers in the locality which thas been ospecially entrusted to my care. The whole humbly submitted.

> [ have the honor to be, honorable sir,
> Your humble and obedicnt servait,
> Crardes F. Rov, Agent of the road from Matane to Cap Chatte, and of the Gulf Road.

## APPENDII NO. 38.

## 

Rumotisi, 1Sth January, IS64.
To the Hon. the Commissioner of Crown Lands, Qucbec.
Sne,-I have the hooor to transmit to you this, my third annual report respecting the progress of colonization, during the year 1863, along the roads of which the settlements are conlided to my carc.

## TACIE ROAD.

The works upon that part of the road which has becn upeucd and completed in 1862, were stopped at lot No. 42, in the 4th range of Fleuriau, and hare not been further continued. However, and I Im happy to say it, important works have been performed in opening of the road, at a point where it intersects the Matapedia lloand. This we owe to the good will of the Honorable the Minister of Agriculture, and it is my duty to offer a tribute of respect to this gentleman for his kiad attention in granting the request made for that purpose.

At present colonization derives great advartages from the buidang of a bridge on the River Métis, which this road crosses, and from opening that portion of the road which lies between the bridge and the Metapedia Road.

A remarkable progress has taken place in that portion of the settlenent of Fleurian, where the road extends on a length of a little more than two miles, and I believe it may be usoful to make particular mention of this fact.

The 22 lots situated aloug that part of the road are taken up; they form part of the settlement of 29 locatces, 21 of whom reside there. It is a nucleus of population composed of 100 souls, of Trench Canadian origin, classified as follows:-

Heads of families
Women.......................................................................................... 20
Boys upwards of 12 years............................................................ 12

Boys loss than 12 years of age........................................................ 20
Girls " 4 "........................... ............................ 22
Total population................................................... 100
13 houses built-valued at $\$ 45: 00$ each............................... $\$ 58500$
72 barns and stables $" 20.00$ "............................. 21000

Value of buildings
323 acros of cleared land-valucd at $\$ 9.00 \%$ acre ..... \$2,007 00
14 S 00
Valuc of clcarings $\$ 3,05500$

May, 2,925 bundles, @ \$5 \% hundred. ..... 14625
Value of the crop ..... $\$ 1,58477$
Pounds of wool, 120-with which were manufactured:
Fulled Cloth, 129 yards, © $\$ 0.90$ ..... $\$ 11610$
Flanncl, 57. " (a) 0.36 ..... 2052
Dressed Flax, 54 fls , with which were manufactured:
Linen cloth, 102 yards, @ $\$ 0.20$ ..... 20.40
Value of industrial products ..... $\$ 15702$
LIVE STOCK.
13 horses, valued at. ..... $\$ 72000$
20 milch cows ..... 30600
18 young oxen and heifers ..... 84.00
65 sheep ..... 9950
33 pigs, during winter ..... 8900
30 pigs fattened ..... 16400
Talue of live stock ..... $\$ 1,46250$In order now to judge at one glance of the progress of the settlement, as also of thewealth realized by the settlers during the last two years, $I$ will add the following state-
1862.

Located lots ........................ 12
Resident families., .................. 9
Total population........................ 50
Houses erected......................... 9
Barns and stables ..................... 9
Extent of land fit for cul-:
"tivation..........................242 acres
tivation.......................... 242 acres 1863.
................................ 22
. $\cdot . . . . . . . . . . . . . . . .1 . . . . . . .121$
0 - --.............................. 100
. $-\cdots=. . . . . . . . . . . . . . . . . . . . . . .$.
............................ 323 aeres
Extent of land with slashed 41 "
timber ........................
Wheat cropped............ 204 minots ...................... 380 minots
Rye, "
Barley $)^{\text {B }}$........... 1159 "...................... 1258 "
Peas " "............ 61き "
109 "
Oats " ........... 107 " "........................ 182 ،
Potatocs " ........... 204, " "....................... 302 «
Flax (seed)
Hay........................... 1350 bundles
Live Stock............................. 78
2925 bundles
179ment : -

| Value of buildings............\$ 40500 | \$1,015 00 |
| :---: | :---: |
| " : clearings..............2,269 00 | 8,055 00 |
| crop................ 1,185 62 | 1,185 62 |
| " industrial products 2970 | 157.02 |
| live stock......... 734.50 | 1,462 50 |
| \$4,622 82 | \$7,274 29 |

A similar result obtained in so short a space of time, and in so restricted a territory, is no doubt very satisfactory. On this account, there is reason to hope that colonization will be rapidly developed along the other parts of the road as the works are continued. In order to justify this hope, it is sufficiont to say, that of 74 lots which border the line of road as far as the limit between the settlements of Fleuriau and Neigette, more than half are taken up. by settlers from the Gulf parishes of St. Luce and Ste. Flavie, as they were induced by the excellent quality of the soil, and animated by the best motives. Already the clearings are well advanced upon a good number of lots, and the settlers are waiting till the road is open to carry on agricultural operations.

I may add that within four miles from the spot where the work on the road was stopped, on a depth of about two miles on each side of the road linc, are 52 magnifioent sugarics, in which 26,000 pounds of sugar were manufactured last spripes; being a valuble resource, as it is the jesult of work which is done during the scason just before seed time, and which is well calculated to help the settler in surmounting the difficulties which are to be encountcred in the way of settlement during the first ycars.

Moreover, as an efficient means of giving a greater impulse to the colonization of this region, and of the neighboring settlement of Cabot, I have the pleasure to inform you that the Episcopal corporation of the diocese has granted leave to ercct a cliapel at the intersection of the Tache and Metapedia roads, and that even now all the settlers of the locality and of the neighboring places, actuated by the greatest zcal, arc working to prepare and to carry to the spot the nccessary materials for the building of this chapel, which, I hope will be opencd for worship next summer.

## MATEPEDKA MOAD.

This road is intended to open up the townshins traversed by it. "Although the settlcments are somerhat retarded by the delay in its completion, the works performed during last season have made it practicable on its whole length.

I will herc make a statement as short as possible of the actual state of cach of the settlements along this line of road, in reference to colonization.

Fleuriau. That part cast of River Métis, is the first settlement situated along this road. The free grauts consist of 19 lots of land, forming an arca of 1529 acres.

The population is composed of 101 souls, of French Canadian origin. The abovcmentioned 19 lots are in occupation of the locatees, 17 of whom are actual settlers. The agricultural operations are much cularged, and the settlers are in a comfortable position. The product of the crop would have been greater this year had not the frost made its appearance, and frustrated the just expectations of the settlers. However, the buildings, the clearings, and even the crop and the live stock have increased remarkably, so that I think it well to mention the

No. of houses erected, 15 -valued at.................................... $\$ 90000$
No. of barns or stables, $75-\ldots$.................................. 45000
Valuc of buildings
$\$ 1,35000$
1862.

Land fit for cultivation, 323 acres,
valued at.
\$2,907 00 502 acres, valued at.
1863.

Iand with slashed timber, 65 acres,
valued at....................
1280086 do do $\$ 4,51800$
$\frac{12800}{\$ 3,03500}$
17200
Value of clearings.
$\$ 4,69000$


The total quantity of hay is more considerable this year than last year, but the price being less this yoar, the total value is also less.

recapitulation.
Population.................... So souls
1863.

Increase in 1863
Valuc of buildings..................... $\$ 1,15000$
". clearings.................... 3,03500
" industrial products ...... 12690
"' agricultural products.... 1,632 20
101 souls
RECAPITOLATION

| live st | 1,541 00 | 2,092 00 |
| :---: | :---: | :---: |
| Total value. | \$7,515 10 | \$10,165 12 |

The effect of the frost has not been generally felt; in certain places more exposed to great currents of air, the crop has suffered no damane. I will mention, for instance, that a settler has reaped from his land 204 minots of good barley from the sowing of 9 minots; another has reaped 97 minots from the sowing of 42 minots.

This small settlement, the resources of which are well in harmony with its wants, may be considered as completely organized and capable of sustaining itself.

Cabot. That part of the road which traverses it is almost completed. 10 lots of land were granted during the year, in the first concession of this settlement; 892 acres are fit for cultivation, and there are 55 acres of slashed timber. Seven settlers have som upon their clearings, but the fire which originated in the slashed timber on the ncighboring lots destroyed alnost all the grain sorn, so that it was impossible for some of them to settle there. Only four houses are inhabited, and three barns erected.

Lepage and Casupscul. The great extent of a rich land, partly cleared by the effects of the fire, and adapted to the settlement of a good number of families; the existence of an abundauce of water, and of a great many water-powers, which may be easily put in operation ; the important route of Metapedia, calculated to offer an advantageous communication; finally, the benefit of free grants-everything concurs in making these townships places of importance. But as long as the road is not entirely completed, colonization will progress with difficulty; this may also be attributed to the remotencss of the great centres of population, of the grist and saw mills, and especially for the Canadian settler (as I have stated in my former annual report), to the remoteness of the church. However, it is desirable that all those dificulties may be removed before long. With the aid that the Quebec and Rimouski Colonization Associations may furnish, and in order to give stability to the colonizing clement, it is intended to lay the foundation, in so fertile a territory, of a nucleus of population composed of young men and of a few familics, with no property nor prospect, but active and laborious.

The number of located lots along the road line in those two townships reaches the figure of 23 ; divided as follows:-

$$
\begin{aligned}
& \text { Lepage............................................ } 10 \\
& \text { Casupscul ........................................ } 13 \\
& \text { In all } \\
& 23 \text { lots. }
\end{aligned}
$$

Two families are settled in this locality, one of French Canadian origin, near the centre of the township of Lepage, in front of Lac il Saumon, for two years; and the other of American origin, for many years at the confluence of the Casupscul and Metapedia rivers. This last family receives from the Government an annual subsidy for kecping a station to assist travellers.

The clearing operations peformed by the resident families and by the non-resident setllers amount to 134 acres, all fit for cultivation. The agricultural products harvested this ycar are found satisfactory, and afford proof of a fertile soil, with a favorable climatc.

Mr. James Smith, of Rimouski, so well known for his zeal in the cause of agriculture, is of the number of those who have taken up lots of land in Casupscul, with the view of settling his family. His clearings consist of about 36 acres fit for caltivation, 14 acres of which have been ploughed in order to be sown in the spring. This year, the product of a pound and a-half of turnip seed was 500 minots. He has also partly built the dam of a small saw-mill, and prepared the timber necessary for its construction, and intends putting it into operation during next season.

Assametquagan. This township does not seem to offer as many adrantages for colonization as that of Casupscul, so far as easy means of cultivation are concerned; howerer, some fine settlement can be formed here. Three settlers of Scotch origin have taken up lots in this locality for the purpose of settling on them:

Rustrgoche. That part situated along the River Metapedia. Colonization has made very little progress yet in this locality. The soil is of good cnough quality, but uneven and contains in several places a good deal of limestone of a superior quality.

At the mouth of the river Metapedia are found some old settlements, which $T$ have mentioned in my report of 1862.

There were ten lots located last year, on which there are 11 families of different origin, as follow:-
English ..... 3
Scotch ..... 5
Trish ..... 3

There are 10 houses and 9 barus erected.
The population numbers 50 souls; 14 of these are Catholics, and 36 Protestunts:
The extent of land for cultivation is 264 acres. Forty-five acres are chopned, and produced a crop in 1863. Sixty three acres yielded as follows:-



## APPENDIX NO. 34.

## LEPORT ON THE ELCIN AND TACIE COLONIZATION ROADS.

St. Jean Port Jomr,<br>10 h January, 1864

To the Monorable Wm. McDougall, Commissioner of Crown Lands, Quebec.
Sir,-I hare the honor to subuit for your consideration the present statement of the progress ol colonization on the Elgin and Tache Roads, and to annex thereto a supplementary statement, in order to show the results obtaincd in the township traversed by these roads, previons to the 31 st December last, exhibiting the number of lots conceded, the number of rosilent families, the number of acres cleared and under cultivation, the amont and ralue of prolluce and manufactures along each of these roads.

Thanks to the public sympathy and the enterprisivg manifestations whichare everywhere exhibiting throughout the country, in favor of the national cause of the settlement of our rast forests-a noble undertaking, prompted by truly patriotic motives-I do not doubt in the least but that this individual good-will, as also that existing in the Government, will achieve great results in the future destiny of the population who share the lands in this tine country.

## I. ELGIN ROAD;

This road starts from the river and extends southward, as far as the Provincial line. It traverses the Townships of Ashford, Lafontane, and Dionne, to the east, and those of Fournier, Garneau and Casgrain, to the west.

The very remarkable progress which I had occassion to note in my preceding annual report, and which was undoubtedly of such a character, as to encourage those who are interested in the welfare of our country, of whatever origin or religion, is yet too fresh in your memory; at the same time the public mind is sufficiently satisfied with the progress of settlement mentioned, as not to authorize me to exolude from this document all new manifestations respecting this centre of popalation at present so well known and appreciated. In view of these facts, I. will therefore content myself, in this report, with submitting for your consideration, the general result of the progress obtained in the settlement of this road; which may be enamerated as follows:

## Population.

The number of lots in possession of settlers is $258 ; 93$ of which are settled upon: The population is composed as follows :- 95 men, 69 women', 36 male adults, and 41 female adults; 119 boys, and 110 girls; forming a total of 470 souls.

## Landed Property.

The land fit for cultivation forms an extent of 1,507 acres, besides 7412 acres chopped giving an aggregate of $2,248 \frac{1}{2}$ acres of cleared land; together with 83 houses, 79 barns and stables; and two saw mills; making the total value of landed property to $\$ 36,248.00$.

## Live Stock

Is classified as follows :-52 horses, 65 milch cows, 55 other horacd cattle, 98 sheep and 72 pigs,-forming a total value of $\$ 4,972.00$.

## Industrial Products.

The following is a statement of the industrial products $-8,465$ pounds of pork, 11,900 pounds of sugar, 3,650 pounds of butter, 115,500 shingles, 210,000 feet of sawn lumber, or 21,000 boards, 62 ells of cloth, 126 ells of flannel, or 47 ells of linen cloth all manufactured during the past year, and making a total value of $\$ 3,487.55$.

## Seed"sown.

The sowing during the spring of 1863 , consisted of 25 minots of wheat, 76 minots of rye, $270 \frac{1}{4}$ minots of barley, $19 \frac{1}{4}$ minots of peas, 1 minot of buckwheat, $253 \frac{1}{2}$ minots of oats, and 423 minots of potatoes,-forming a total of 1,068 minots sown.*

## Crop.

The crops of last autumn realized 136 minots of wheat, 486 minots of rye, $1,587 \frac{1}{2}$ minots of barley, $127 \frac{1}{2}$ minots of peas, 20 minots of buckwheat, $1,487 \frac{1}{2}$ minots of oats, and 3,418 minots of potatoes', producing a total of $7,25 \frac{1}{2}$ minots, besides 602 tons of hay, and $93 \frac{z}{2}$ tons of straw,-giving a total value of $\$ 4,359.30$.

As it is easy to see, only one-third part of the crop appears here, the remainder having been lost by the settlers. The cause is due to the great drought of the months of June and July, and afterwards to the early frosts during the first days of September, whioh destroyed, in a few hours, whole fields of backward crops.

Notwithstanding this misfortune, however, this population, whose faith is sufficient to enable them to submit without murmuring to these atmospheric calamities, continued by their energetic efforts, exerted in another direction, to fint in the neighbouring lumberers' shanties, a sufficiency for the wants of their families during the winter, where they eagerly availed themselves of the opportuity thus offered of restoring that equilibrium of pros perity and comfort which vegetation had not sufficiently afforded them.

Nevertheless, from the above details this hardy population is yet to be found in the full enjoyment of property valued at $\$ 49,066.85$ equal to $\$ 516.49$ for each head of a family, or $\$ 104.393$ per soul, in distributing this value equally among the resident population of the locality.

I will further add, in conclusion, that the expectation of thus acquiring landed property, is for the settlers sufficient to induce them not to give up hopes which the progress of colonization may afford, notwithstanding the heary losses that they sometimes experience, and the numerous' difficalties which usually attend the life of the settler during the first years of his settlement in the midst of the forest.

## il. tache road (west section).

The Tache road, which runs parallel to the river, is situated in the middle of that immense forest which extends from the vicinity of the River Chaudiere, to the lands round the Lake Metapediac, in the county of Rimouski, and passes along the summit of the angle formed by the two slopes, one of which discharges its waters into the St. Lawrence, and the other into the River St. John, in the State of Maine.

This grand route passes through in the west part of the townships of Buckland, MailJoux, Montminy, Patton, Arago, Garneau,' Lafontaine, Chapais, Painchaud, Chabot, Pohenegamook, and Armand, and is calculated to offer a vast field for colonization to the surplus. population of the parishes situated along the river, from Pointe Lévis to River du Loup. However, it is but partially opened.

There are 21 miles opened for settlement in the counties of Bellechasse and Montmagny, and about 30 miles in those of L'Islet, and Kamouraska. There is ketween the Counties of Montmagny'and L'Islet, a distance of 21 miles, yet completely unopened'; also nearly 35 miles yet in forest, extending from the Mont Carmel road to the Temiscouata road, learing about one-half of the westerly portion of the said road yet to be opened.

The advantages which must be derived from the colonization of this road are incalculable, since by means of the cross-roads aotually opened, or which will be opened; between the parishes on the river and this grand trunk of the colonization roads all the population in the interior will be placed in easy communication with that of the seigniories; also, with all the seaports, wharves, and the railroad, and will become for the former an easy and prompt means of exchanging the surplus of their agricultural produce-all deriving advantages from the development of the great industrial enterprises which cannot fail to be established in the middle of those new localities, at a period more or less remote.

At present the colonization of the Tache road includes five townships: Buckland, Maillous, Moutminy, Garneau and Lafontaine. It is especially in the three first townships that the improvements in agriculture and manufacture are more wonderfully felt, as being powerfully maintained by a wise ambition that is manifested among those various groups who share the lands on the road, and are striving for a place in the growing scale of colonization.

The following, moveover, is the actual state of colonization upou this vast road :-

> Popilation.

| The resident families are composed of 160 , in possession of 312 lots, as follows:- |  |
| :---: | :---: |
| Women. | 118 |
|  | - 275 |
| Boys (adults) | 87 |
| Girls " | 65 |
| Boys, under 12 yoars of age | 161 |
| Girls, |  |
| Servants, \&c., did | $\begin{array}{r} 463 \\ \hline \end{array}$ |

Forming a totill population of . 745 souls.
All these families are of French Canadia origin, and have emigrated from the old parishes along the river.
slashed timber, forming in all 3,514 acres of cleared land, the whole valued at, ..... $\$ 40,248 \quad 00$To this happy result is added also the building of 146 houses and 151.barns, valued in all.18,375 00
Also 3 grists mills, 5 saw mills and 2 potash manufactories, valued at. ..... 10,035 00
Shewing a total value on landed property of $\$ 68,65800$
LIVE STOCK.This species of property may be divided as follows:-
128 horses............valued at ..... $\$ 6,400 \quad 00$
219 milch cows. ..... 4,380 00
168 other horned cattle ." ..... 2,017 00279 sheep................55800
215 pigs ..... 64500
In all 1,009 head of cattle. Total value $\$ 14,000 \quad 00$
INDUSTRIAL PRODUOE.
The products of domestic industry may be recapitulated as follows:-

SEED GRAIN AND CROPS.

The following is a statement of the quantities of seed sown and crops harvested during the year 1863:-


Equal to $\$ 685.50$ for each family, or $\$ 144.46 \frac{3}{2}$ for each person, in distributing this sum equally among the whole population.
I am happy to state that colonization progresses equally well in the other ranges adjoining those bounded by the Tache road, in certain townships above mentioned, but the progress of which, though it may be important, is not calculated to be taken into account n the present statement.

Such is, honorable sir, the aspect of that solitary forest which, scarcely twelve years ago, no one dared to attack, but now, thanks to the settlers labour and sweat, bears the stamp of a happy and powerful conquest, and -what adds to the happiness of these familiesthe certainty of being able to cultivate peaceably, in the heart of the country, farms to which they have an undisputed right.

## III. CONCLUSION.

In fine, such is, sir, the brief account that I have to offer to you, which is of such a nature as to allow you to ascertain exactly the immense influences excreised on colonization by the works of the Government, in the completion of roads, by the impulse which is every where given, as soon as they are opened, to taking possession of the lands fit for cultivation.

In order to convince you of the propriety of these remarks, it will be sufficient to state that although the greatest number of lots in the township of Chapais have been granted more than a year ago, there is not yet any serious indication of the advancement of colonization in that locality, in consequence of the want of communication in order to reach those lands.

In consideration of the evidence of these facts, I therefore cannot help desiring to call your particular attention to the urgent necessity of opening up the roads of l'Anse a Giles, Arago, Ixwarth, Ste. Héléne, St. Alexandre, and of Pohénégamook, in order to afford to the settlers the facility of reaching the lands of the Tache road, which are intended for settlement.

The whole humbly submitted.

> I have the honor to be, sir, Your obedient servant, Sravisue Drapeau, Agent of the Elgin and Tache roids (west section).
Recapitulation of the Progress of Colonization in the several Settlements traversed by the＂Elgin Road，＂during the year 1863.


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Rocapitulation of the Progress of Colonization in the several Settlements traversed by the "Elgin Road," during the year 1863,


Appendix No. 33. (a.)
ELGIN ROAD.-Continued.



## TACHE ROAD.


St. Jean Port Joli 10 th January, 1864

## APPENDIX No. 35.

EXTRACTS FROM THE ORDNANCE LAND AGENT'S REPORT YOR 1863.
The improved prospects of the year led to the offering at public sale portions of the Ordnance properties in different parts of the Province, and the result has realized the expectations formed.

Under your instruction, sales were made at Amberstburgh on Monday, the $16 \mathrm{th}^{\prime}$ November, which produced a sum of $\$ 1,540$.

On the 21st November, sales were made of portions of the Reserve at Fort Erie177 acres and 1 rood-which realized the sum of $\$ 4,278-\$ 22.50$ an acre. Instalments paid, $\$ 849$.

Un the 26th of Norember, the sales made on Burlington Heights- 27 acres 2 roods and 13 perches-produced $\$ 1,521$, or $\$ 56$ an acre. Instalments paid, $\$ 304.20$.

On the 1st December, the sales made at Prescott-7 acres and 2 roods-realized $\$ 1,260$, or $\$ 170$ an acre. Instalments paid, $\$ 917$.

At Amherstburgh, two wharf lots, with privilege of occupation to deep water, sold for $\$ 770$ each. Instalments paid, $\$ 308$.

The sales were suspended as soon as the market flagged, leaving in all the above cases a considerable amount of land to be sold hereafter, which cannot, if judicially managed, be expected to realize loss at any future sale, "and which, at Fort Erie, from the character and position of the romaining lots, may be expected to produce more.

In addition to these lands sold by auction, the claims of certain parties in the Township of Marlborough to privilege of pre-emption have been recognized by the Department, and the lands occupied by the partics in question-735 acres 28 perches-realized a further sum of $\$ 3,210.91$. Average per acre, $\$ 4.36$. Instalments paid, $\$ 38113$.

In all the above sales, with the exception of the Township of Marlborough, one-fifth of the purchase money was paid down at the time of sale.

Encouraged by these results, further sales have been ordered to take place in the spring at Kingston, Toronto, Penetanguishene, and at Navy Island, on the River Niagara.

## APPENDIX No. 36.

REPORT OF THE SUPERINTENDENT OF COLONIZATION ROADS FOR UPPER CANADA. Willowdale, 9th February, 1864.
The Hon. William McDougall,
Commissioncr of Crown Lands, Quebec.
Srr, - In obedience to your instructions, I have completed the account of expenditure made by the late Mr. David Gibson, Superintendent of Colonization Roads in Upper Canada, on the roads and bridges under his charge, during the year 1863 , and $I$ have the honor to transmit the same, and the vouchers thereof, with his report.

In the remarks which I shall offer on the operations conducted by Mr. Gibson during the past year, I shall observe the same order in which he introduced the various works in the last annual report submitted by him, on the 28th January, 1863.

## I. expenijuture made from improvenent fund. <br> 1. Southampton and Goderich Road.

In the summer of 1862, this road sustained considerable damage from fires which swept along it in the Townships of Huron, Kincardine and Saugeen. Crossways were destroyed, and timber thrown into'and across the road,-and it was otherwise, from traffic and neglect, in bad condition, and impassable. Certain repairs and improvements were authorized to bemads upon it, and these were well advanced when the wet season, in the fall of 1862, put a stop to their progress. "Ine works were resumed when the state of the ground permitted, in 1863, and were carried to completion. The road is now in good condition; but in this state it will not long continue, if it be as before, neglected by the municipalities through which it passes. There is no reason why it should not be kept in proper repaii by statute labor. The improvements wade are calculated to form the ground work of a gravel road, into which there is a probability of this road being converted.

The amount cxpended in the repairs and improvements of the road was $\$ 3,674.05$.

## 2. Road on sowth Zoundarig of Proton.

After the works on this road were completed, as stated in Mr. Gibson's last aunual report, it was found that certain smampy portions were, in wet scasons, anfit for travel, owing to the great depth of black muck into which horses and wagons would readily sink." These portions were, duriug 1863, improved by crowning the road way with gravel and clay, and the road is now in good condition for travel. The cost of the improvements was $\$ 266.95$.

I may add that the whole works in the mestern counties, counected with the Improvement Fund, hare now been completed.

## TL. enpentiturf out on colonization arants. <br> 1. Addlington Road.

The repais and improvenents on the portion of this road which traverses the rocky ranges in the townships of Slieffield and Kaladar, referred to in 3 Ir. Gibson's last annual report,' were, during 1863, made by day-labor under the immediate superintendence of Mr . Ebenezer Perry, at a cost of $\$ 1000$. The works were carefully and skilfully"performed, and an excellent road is now afforded through that rugged and barren section. The repairs were designed-and it is belicved will be found-to be of a permanent character, adapted to the nature of the country, and offering effectual resistance to the heary rain, from Which, over the rocky range, the road had principally suffered in previous seasons.

At the date of Mr. Gibson's last Annual Report, this road had been formed-though not altogether completed-by Mr. A. 13. Perry, to the north boundary of lot 23 in the eighth concession of Siyndoch; and surreyed and located by him from that point to the intersection of the Peterson Road in Brudenell. On the $22 n d$ April last, Mr. Gibson was instructed to complete the unifished portion, and construct the road to the Peterson line, by day-labor, under the charge of Mr. Niel Stewart.

Mr. Stewart immediately proceeded with the work. He finished 2.16 miles of the road tormed under Mr. Perry, and, from the point where he left off, constructed the road northward to within a short distance of the Pcterson line. Mr. Stemart discontinued the works and dismissed his party; under a misunderstanding of the amount of money appropriated, before it was all expended, leaving a portion of the road unfinished. But this was fortunate. At the rate per mile which the road was costing under the system of day-labor, the balance on hand would not have completed it, but the works remaining were, after Mr . Sterart left, let under contract to Mr. John Murphy at such rates as will enable them to be finished within the sum appropriated. Mr. Murphy has made such progress that travel is rendered practicable over his contract,-the romaining work will be completed, and the whole road finished calls in the cusuing season.

The linc, as located by Mr. Perry, terminated about the middle of lot No. 29 , in the Dth concession of the township of Brudencll, but, under your authority, it ras carried to intersect the Peterson hoad, aloug the side line between lots 25 and 26 . While this shortens and gives a superion line for the road, the public will be better accommodated than had the road followed the line located by Mr. Perry.

Mr. Sterart bestorred much care and attention on the construction of the road. . It is well made, and a load of 20 cwt. can be drawn over it with case,

## 2. Bobcaygeon Road.

Since the date of Mr. Gibson's last annual report, the bridge, then in course of construction, over the north branch of South Muskoka River has been completed.

No other work was performed on this rond during 1863 . It was in contemplation to improve the road between Ridout and Shembone, and betwen Franklin and McClintock, by deviations from the direct line, avoiding certain lills over which the road is now carried, and which otherwise it will be necessary to grade at considerable cost-but no instructions have been given to make these improvements.

## 3. Peterson Road

This road was finshed at the date of last report, with the ezception of certain hills in
the township of Oakley over which it is carried. Whese have now been all improved by excaration and embankment, - the grades formed adruitting of an ordinary wagon conreying 15 cwt . orer them.

The whole road is thas completed between the Muskoka road and the Madamaska river, where it is connected with the Opeougo junction road, (now generally considered part of the Peterson road). Its entire length between these points is $101 \pm$ miles, and its total cost was $\$ 85,580.97$, giving an average mileage of 535249 , inclusive of bridges and superintendence.

On the portion of the road passing between the tornships of Guilford, Harbarn and Bruton, on the north, and Drsart, Dudley and Jarcourt, on the south, the underbrush has sprung up and is rapidy increasing. This and the strous erowih of thoothy grass, which corers that portion of the road in summer, render it difficult to be travelled. A suall amount-probably $S 5$ per milc-mould now clear out the obstructions, and make the road free for traffic. As this portion runs through the lands of the Canada Jand Emigration Company, it may be proper, if it be liable to maintain the rond, that it be requested to clear out the underbrush before it acquire more strength and present greater impediments to the traffic.

## 4. Mušionct Road.

This road has now ben completed to the $94 t h$ mile-post north of the falls of Muskoka, in the unsurveycd ierritory of the township of Bruncl. From the village of Orillia to the present northern terminus of the line, a good road, substantially bridged, is now offered. And over this catire distance, excepting the portion lying eastward of and between the branches of the Muskokenter, a ragon with a load of 20 cwt can be driven. On the portion of roud refered to, there are certain hills over which not more than 15 cwt. can be taken. These hills could be improved and grades formed to cnable 20 cwt. to be carried over thon, at a small expenditure; and as being south of the Parry Sound Road, the hills in question must be passed orer to reach it-and as it will he made to allow 20 owt. to pass along it, I would respectitnly suggest the propricty of reducing the road over these hills to casicr grades, and give unitormity to the capabilitics of both roads.

## 5. Victoria Rocil.

This road was at the date of last report completed betreen lot 21 , in the 1st concession of Fenston mad the 12 th coucessiou of Digby, a distance of 25 miles: Ender your instructions the ling has sitiec becu surveyed and located from the latter point to the Jhack River Bridge on the Peterson road, in the tomaship of Oakley, the distance being 13:, miles. Contracts having becn cutered into for the construction of the work, a bridge about 103 thet in leugth and cousisting of two spans, has been built orcr jlack river in the tornship of Dalton, and the road has been cleared, grubbed, leveled and crosswayen throughont - Cortain excavation, embankment and ditching reinain to be performed durine the ensuing soason. Meanwhile the road under contract is in such a state as to enabie partics to go itr and settle on the had. All the Government lots alourt the line, adapted for settlement, as far north as the tornship of Tonuffer, have been taleen up, and parties are creating "squaters' ohams" on the lots in Oakley, adjomiag the road.

## 6. Opeonyo Rocul.

This rond is now compicted to the 220 dimile-post, at Lot $66_{\text {r }}$ numbering fom Opcongo lake castrart. Tho upper portion of the 10 miles, built under Mr. Trennan's contract, did not come quite up to the requirements of the specification. The contractor was unwilling to return to it, ind the lumbermen usiug the road haring written, expressings. satisfaction with its condition, it was thought better to make ndeduction from the mice, corresponding to the deficicney of workmanship, and take the contract off Mr. Tromman's hands. This was accordingly donc, and the amount deducted from his estimate-S165can be laid out on the defective portions, if acecssary, when the road is further proceeded with.

> T. Burleigh Road.

At the date of last Repoit, certain rorks were under contract betreen the south-mest angle of Lot 40 , in the 13 th Con of the Nownship of Smith, and a point about a mile south
of the Buideigh bridge. This portion of the road, extendingte a lithe over three miles, was completed during 186 the There is thus now a good road, substatially bridged, opened for travel from the point first mentioned, where it connects with the Peterborough road, to the 23nd mili-post, borth of Burleigh bridge, a distince of about 27 miles.

In November last, a contract was ontered into with Mr. William/ackey, for 20 miles of this road, comucucing at the 23 rd mile-post, and running northwards to the confines of the Canada Land and Surigration Company, The works under this contact are now pro-:gressing. There have been four miles chopped, and six miles underbrushed; and the whole works fall to be completel in November ucxt.

## 8. Orillic curb MusFo\%a Road.

The sua of $\$ 7,000$ wats appopriated by Gocermont, and a sibialar anount by the munipibity of Orilla, for opening and inproving this roul. These several sums have been expended on the ruad, which is now in good condition and suitable for the traffe that passes over it.

The improvement of this road was very necessary, as forns the apporde to the Muskokil road, and over it to the Pary Sound roid.

## 9. Perry Soured Roved.

This road commences it a poiut on the Muskoka roul, near to the !h nile nost north of the Falls of Muskuka, and follows the west boundary line of Stepheoson to a point pear to the south end of the fith coneessiou, whence it proceds, in a north-westerley direction to Pary Sound.

In'October last, a contract was cutered into with Mr. Sanuel Cooper for the construc. tion of 20 iniles of this road, commencing at the Maskoka road. Jhere have been about seron miles chopred aud ten miles underbrushed, and the whole works have to be finished in November next, There are trucks of execllent land along this road, and ou these parties are settling ranidly, allough the teritory is yot unsurveyed.

## 10. Briliges over Potocatu ant Chalis Fibers, Pembrolic und Mattaucon Roud.

Mr. Gibson having examined the designs of these bridges, which accompanied your iustructions of 4 th October last, was of opinion that it would be imprudent to adopt them. He procecued to the sites solectel, and having examined these, he dosigned plans for bridges suitabie to the requirenents of the rivers, and gave out contracts for their construction.

The bridge over the Betevawa is 260 fect in leugth, aud cunsists of thee spans-one of 40 fect, oue of 60 feet, having kigg nosts, and one of 120 fect, on the principles of Moves' Truss and Quecu Post combined, which stretches over the main channel of the riscr, leaving it entircly clear for lumbering purposes. The superstructure is to be sup ported by substantial piers and abutinents of crib-work filled with stones. It is in the course of construction, and will be completed in the cusuing spring.

Who bridge over Chalk river is a simple structure, consisting of abutncuts of cribwork, supporting a span of 46 foct 9 inches, with approaches formed of stringers and plank: This work has been completed.

## 11. Road throwith Lalie avil Wollaston.

Under iustructions from your Department, dated Gth November last, the survey of this pad has beco nearly completel. Sa the Towaship of Lake it runs over a somewhat broken and rocky country, but in Wollaston tracts of excellent land abound, and settlers are rapialy locating themselves. A good line for the road has been obtained, which will, be very inexpensive in its construction. On the survey bning completed, no time will be lost in makiog the necessary returns.

## District of Alyoma:

Nthough the estivates, from timo to made under the contracts for the rods so this district, wore paid by Mr. Gibson, and stomn annually in his nomoto oxpenditure, yet boing under the scparate and independent superintendonce of $A P$ Sater, REq, the yeports on their proniess and condition were made by that gantleman to the Department:

When the change devolved on Mr. Gibson, the only contract in progress was that for the Great Northern road betreen Garden and Thessalon rivers ; a distance of 26.186 miles, the works on which were well advanced towards completion. On that distance there were numerous small streams over which round-log bridges were built. Echo river was the only one of magnitude reciuiring to be bridged. A bridge on a design by Mr. Salter was abandoned after it had been partly built. whe bridge which now spans the river was constructed on plas and specification preparcl" by Mr. Gibson. Its cost was $\$ 1,005.4 \bar{i}$, but from this was deducted the sum of $\$ 97.74$, being the price of certain material got out for the bridge originally designed, and paid for by the Government, but which, after that work was abandoned, was sold to the contractor anil used in the existingestracture.

The various works on the road had been laid out by Br. Salter, and were so far advauced that Mr. Gibson had little opportavity to bring into operation the system of ecunomy which he carried out in other Colonization lioads under his charge. As stated in the memorandum in regard to this roud, laid before you on the 7 th December last, Mr. Gibson, on his only visit to the works while in progress, in 1863 , "had no specification to consult. IIe had no instructions to interfere with Mr. Salter's orders, nor did he countermand them, excepting to prevent a very hocivy and unnecessary expenditure in grading a high bill near to Thessalon river, over which the road had been chopped-directing the road to be carried round the hill.". When completed, Mr. Gibson made a very careful and minute measurement of the whole work, between farden and Thessalon rivers." On his return here a vast number of tedious calculations were mate in preparing a statement of the work performed; -and this statement and a momorandum, going fully into the whole case, were sent to the Department, where the contractor's chams were cousidered and selthed.

The total cost of this portiou of the Great Northern road was $\$ 36,157.18$, giving $\$ 1,399.90$ as the average cost per mile, inclusire of bridges.

The row lias been substantially and well made throughout. Uulike the Colonization Roads in Upper Canada, constructed by Mr. Gibson, which deviate within the 40 feet to avoid stumps, rocks or other obstructions, the Great Northern road follows at staight liue, from which all such are renoved. This, in a colonization road desigued to open"the country to settlement, seems very unnecossary. In many of the old settled townsinips of this section, stunps abound in the conecssion and side lines, and the roads wind their devinus ways among them.

These observations, lichere, embrace all the operations of the past year. Threc weeks ago Mr. Gibson lel't this place in perfect health, to transact cortain business in your Department. While in Quebee he was attacked by a sudden illocss, which "unhappily ended in his death.

Mr. Gibson was about ten years ago appointed to the oflice whieh he hold at has death. Faving becn associated with him nearly all that time, as his assistant in the business of his office, I have had ample opportunitics of observing the sterling integrity of his character, the zeal uniformly crinced hy him in the serviee of the Government, and the auxiety constantly manifested to promote the best interests of the country, where these were affected by the duties cutrusted to him. He was consistant and unremitting in his endeavors to hare the works committed to his charge efliciently and conomically performel; and while his honest iudependence of character kept hine aloof from any act of oppressiou or injustice towards contractors, he was erer disposed to deal by then with such liberality as he could cxercise consistently with his duty to Government. His abilities and great expericnce as an enginecr, his cxtensive acquaintence with the country, the amonity of his disposition and the confidence which he inspired, enabled him very sucessfully to diseharge the duties of his office. Ti him, I can truthfully say, the Goverument has lost a most valuable and upright serrant. I should do violence to my own feelings did I withhold this fectle tribute to Mr. Gibsons memory, and I cannot think it out of place in discharging a duty whicli the hand of death prevented him from performing.

I have the honor to be, Sir,
Your obedient serraut.
(Signed) Whitu Monmson.

## APJPNDIX No. 87.

## EXTRACTS ERON YHE REDORT OF TME LNSEETOR OF ROADS AND SURVEYE.

Departient of Crown Tands, Quedec, 16 th November, 1863.

Io the Lion. the Commissioner of Crown Sands.
Srr,-On the fifth of October last I received your instructions of that date to proceed to the cxamiantion of the recent improvements made during the past summer, upon the Pembroke and Mataman, the Hastings a:d Obilia, and Muskoka roads Also, to inspect the surey of the Cownship of Monck; and to cxaminc, while in the vicinity of the Severn river, the mill-sites upon the cast branch thereof.

The latter duty I have porformed and specially reported upon in obedience to your further rerbal oder, and 1 now proced to offer ny report upon the road inprovements and survey above alluded to.

The improvement on the Pembroke and Matavan road cousists of a nev road made from the mouth of the Petewawa to the Chalk river- 10 miles- the line being prolonged and located 10 miles further, to frec grant lot No. 4 , in the Township of Rolph, on the old Pembroke and Matawan road, as shewn on the accompanying map of this section by a dotted red line. After ascending a pretty long hill the new road traverses a gently undulating country, deunded of heavy timber, cropped for some three or four miles with broken thickets of piuc and cypress: cven these disappear alnost totally for tiro or three miles, so that a barren, sudy plan, without trec or shrub of any magnitude, is traversed, until somewhere about the 6th or Th mile, where the rod turns down into a swampy and stibsequently more broken country. At and about Chalk River, some cvidences of clay soil appear, and a tolerable growth of piue timber with some small admisture of hardwood. This line, for a distance of about six miles after ascending the bank of the Petewawa River, needed scarecly any formation ; inded, for the nost part over this distance, nothing more was necossary than the clearing of the tract of a brush debris that in some places littered it, or where it passed through a littlegrore of eypress or pine bushes, to clear them fiom the roat. Mr. Johuston has, however, taken out a shallow ditch on cither side road, and cast the tufty sods into the centee of the track, the effect of which is to render the travelling upon it rough and uncven, which would, if the soil were left in its natural coudition, be smooth ant pleasant. The land, morcover being almost pure sand, and exceedingly porous, uceds no ditching ; and, indeed, is only rendered compact (and thus benefitted) by the rain; so that a great portion of the labor bestowed on this part of the road $I$ consider to be at least uscless.

The last four miles of the roul, passing over a different part of the country from the lirst six (as previouslydiseribed), have becu carofully and woll made. They are thoroughly qrubbed, ditched and stoned, sufficiently graded and cvenly cross-laid, where required. The whole cost of the road (in lougth, somethiug over ten miles) has been \$2,067.51, or au arerace of about 8206 ner mile.

In order that this road may be of the service contemplated the report of Messrs. Johuston and Sinchir, it is absolutely necessary to continue it northrard to the intersection of the old rodd uent Point Alesander, about 10 miles further.

My next examinations wore made upon the Hastings ruad, in two certan sections of which we have this year created improvements by altering the route and making a new road to the extent of about 74 miles in onc instance, and 11 in another.

The first is through the Turnship of Tudor, commencing at the Jordan Oreck, deriating uothrard from the old rond, almost immediately after crossiog the sad stream and passing through the central parts of the tornship, attaining the double end of an incalculably better route for a rond, and the opening up of the best portions of land ta the township, therely securing their inmediate sale aid settlement.

T an happy to be able to state that Mr. Snow, the Provincial Land Surveyor, instructed by you to cxplore for and locato this change, has carcfally and judiciously performed the duty, and, as the result of such cfforts, las succeeded in defining a line of rod through an unusually rough aud broken country, which is, pevertheless, upon its completion, without anything seriously descring the naine of a hill, or even of a heavy grade, and
further (which is specially worthy of consideration) the change in question avoids entirely one of the very worst scetions of the Hastings road.

The formation of this road is, in my estimation, thoroughly and judiciously done, t is stoned and grabbed completely, crery trec found standing on the portion of the roid to be formed having to be felled from the roots, and the graded surface of the roadd readered smooth and compact.

The marshy and swanpy portions-of which there is a considerable extent, owing to the low lands and creck valleys being gencrally selected to aroid expensive hill-cuttiugs -are carcfully fascined or cross laid. Where an abondant supply of good timber coula bo obtained, cross-laying has been the uethod chosen as been least expeasive. The logs ate generally of cedar, well-sorted, of ecpual leogth, and partially flatted with adze-work, so that neither great labor for cattle in the draught, nor violent jolting to the lond itself, whatever it may be, is expericaced. Where good timber, however, could not be obtained, as in the case of marsly land, covered orer with it sipline or brushwood grow he of tamarac, codar, pine and fro, t yough bed of any description of timber to be had adjecent is first laid at right angles to the road (which, with the superincumbent weight afterwards placed upon it, generally sinks its full depth in the swamp, being thus, by perpetual exclusion from dry air, preserved from rot); these are nest well covered and levelled with brushwood, and lastly coated with a good layer of earth. Thus, in the most marshy and swampy places a road-bed and surface is secured, equally solid, permanent, and grod as that oree the dry lands.

About four miles of this change yot remuins to be completed viz: from the crossing of Beaver river to the terminus of the north-west corner of Tudor. This is much the easiest part of the route, and may be completed at a cost of $\$ 100$ less per mile than the part already constructed. The work is now suspended for the winter, but will be resumed and completed early noxt scason.

The scoond improvement on this road commences immediately alter crossian the York Brauch river, It is also a new route selected to avoid the exceeding hilly and cironitots line of the old road, which has been effected to the extent of shortening the roud about two miles in ten, and gaining an casy grade without a single hill of any serious dilficulty. The new route turns westward from the old one and traverses a table flat of the Jork Branch formed betreen the said river and a high range of rocky bluffs skirting the river as far as the ralley of Bird's Creck, where the road turns castward, following the said valley which again communicates with another suall valley lying in a northerly direction, and finally merges into the old road on lot 42, in the Township of Monteagle.

Scven and a half miles of this road have been completed, exhibiting as narked a contrast with the old road as can well be imagiaed. There is no hill upon the whole distance on this line. The old route is an almost continuous succession of high hills from first to last. On the uew road twenty cwt. can be drawn throughout without the smallest difficulty. On the old road over some of the hills, an cmpty wagon is a sufficient load for one team, while a comparison of time required to trarel cither route is two to one iu fivor of the new rocid.

The road is well made, and is decidedly the very best piece of colouization road I have cver travelled. About threc miles and a half remain to be made to complete this change. The works are stayed for the winter, as on the Tudor line previously described, and in like manner with that will be taken up and completed carly next season.

In concluding this part of ny report, I may be allowed to state that I am wore than ever convinced of the propriety and solid advantage resuiting from the system of road. making as pursued in the above improvencrits. The great superionty exhibited in then over any otherroads of similar character that I have crimined (even when, as in these instances, constructed under the trammel of employing, out of charitable cousiderations, cvery class of laborer, young and old, weak and strong, lams or lazy, who presented themselves for employment), fully demonstrates, I think, that under circumstances which would leave the superintendent frec to select such laborers as his judgment approved of, its real economy and practical value would be fully established.

The next examination 1 hare to report was made from the village of Orillia, in the Tornship of North Orillia, on Jake Couchiching, over the road connecting the said
rillage with the south end of the Muskokeroad, where it terminates at the outlet of the Severn river. This road is a most important feeder of the Muskoka colonization road; and was worthy of the attention directed towards it by the Department in appropriating the sum of $\$ 1,000$ (on condition that a like sum should be expended by the municipality of Orillia) for its improvement. This amount has accordingly, it is averred, been expended under contract arranged by the superintendent, Mr. Gibson; but $I$ am bound in candor to declare that the rod is very far from being throughout cren a good bush road.
From this point i procecded up the Muskoki colonization road as far as the South Falls of the Muskoka. This road, for the most part, is in a very bad condition" some few places hare been improved by the settlers, but on the whole little has been done.

Toluntary road-work amounts generally to but little. The intelligent portion of the settlers are, howerer, taking steps to become incorporated as a municipality, when a good dall of statute labor may be made available for the bencit of this road.

From the South Falls I passed down the south branch of the river and visited the Jownship of Monck, which is bounded on the south-mest by the main Muskoka river, the eastern boundary being a short distance below the junction of the north and south brauches. I found the lines of surveys in this township well "opened, posted and blazed. The river appears to hare been carefully traversed, and crerything $I$ observed connected with the survey indicates the work to hare been performed by one anxious to discharge his duty and fulliil his instructions in a creditable manner. Mr. Wm. Deane is the surreyor. This tornship contains a good proportion of very fair, cultivable land; as a consequence (being unusually conveuient of access), settlement has rone on rapidly, and every lot in the township at all desirable will very shortly be taken up. Some quite considerable clearanees are already beginning to appar, and a rery fed years will, I doubt not, derclop this as an important middle station for market sales and supplies, in this North-west, or Parry Sound District of settlement. Good fish abounds in the Muskoka river and lake, amons which salmon-trout, bass and pickerel occupy the first place. Brom the Township of Monek I passed up the north branch of the river and risited the saw-mill crected at the North Falls. This is of some importance to the community affording, as it does, a small supply of lumber for their mants, but it is a poor, miserable atfiur. The proprictor is cridently a person possessed of no sufficient means to iniprove the site or utilize the splendid water-power that exists here. Any amount of machinery could be driven at this site under the most adrantareous application. The North Bridge (so called) on the Muskoki road spans the contraction here formed by the narrow, rocky gorge throumh which the river desecnds.

From this point to the South Falls by the Muskoka road is three miles.
Returning from the points lastly described, $T$ visited the mill-sites on the east branch of the Scevern rivar, on which $I$ have, as before stated, reportel in my communication to you of the 11th November last.

In conclusion, Theg to direct your attention gencrally to the inceasing interest which is being developed year after year in the Muskoka and Parry Sound district. The Jownship of Stephenson, only recently in the market, is fast filling up with an industrious population. Mouck, Macaulay, Draper and Muskoka arc fast improving, and owing to the slowly, but surely demonstrated fact, that, in the section in question, exists the best articultural lands the Goverament possesses unopened for settlement, and the excellent facility by water-commanication to approach the same, the tide of immigration is naturally and reasonably being directed thitherward. In view of this I would strongly recommend that some further appropriation be made the ensuing scason for the improrement of the Muskoka road as far as the South Falls, where a town plot has just becn surveycd, by instructions from your Department: $\$ 2,000$ judicially applied-not by contract, as in the case of the Orillia road, described in this report-but after the method so satisfactorily essayed on the Fastings road the past summer-would, T think, render this rond a very passable one indecd.

APPENDIX No 37, (u).
EXTRACTS FROM GENERAT RTYORT ON COCONIZATYON ROADS AND SURVETS.
To the Honorable the Commissioner of Crown Lands.
Srr, -I beg to offer for your consideration the following Geucral Report on Colonization Roads in Canada West, and suggestious, for appropriations to prolong or repair the same in the consuing jear-1864.

## HEMBROKE AND MATAWAN ROAD.

Locatron-Commences at Pembrolie on the Ollara River and skirts the same as fir as the mouth of the Matascan, alout 100 miles.

This road was opened and made passable as enty as the beginning of 1854, as a winter road. Since that period, it appeurs to have been made and maintaincd as a summer road, as far as the mouth of the Petewama. From this pointupmards on the old route the bridges are mostly broken down, and the road rendered impassable. Irerc, at the Petowawa, commences the improvement made during the past season as far as Chalk river, and detailed in my report of the lGth Norember last. The only appropriation needed for this road, I think, is the amount necessary to defray the expense of making the Petermata bridge, not in process of construction. An appropriation of" $£ 400$ was made by Order in Council of 3rd of October, 1857, for the construction of a bridge over this river, at the same point now chosen.' Tbe wurk, however, for some reasons was nerer procecded with, The bridge at present projected by Mr. Superintendent Gibson, and alteady contracted for by Richard Dickson, of Pembroke, will cost, per contract, $\$ 1, \$ 15.7{ }^{\prime}$.

## OTCAWA AND OPFONGO ROAD.

Location.-From Farrell's Lauding on the gltenca, in "w north-westerly divecion t) Opeongo Lake, alout 100 miles.

This road is represented by the agent to be in a very bad condition, especially from the Renftew and Addington Junction upwards.

All this section, however, is pretty well settled, and is under the control of municipalities who should be competent to apply the statute labor in such a maner as to render special aid now (for ordinary repars) uncecssary. Unless some anusual damage oceur, (such as the failure of an expensive bridge, or an extensire rupture through fiods) I canwot perccive that in this, and similar cases, there shonda be an appropriation for general repairs

With regard to its further extension at present l. do not think it would be advisable. Mr. A. J. Russell, in his report to the Burcau of Agrieulture of tide th February, 1859 , states the length of this road from the Uttama to the end of the Madawaska "Junction Toad" to be 604 miles; and Mr. Cribson, in his report to this Department of osth Jauuary, 1863 , wires the length of road made abore the point where the "Junction Road commences, as 33 miles. The whole length of the Ottara and Opeongo road (including the junction road to the Madarraska) as cobstructed and prepared for travel, therefore, is about 03 miles. The land becomes extrenely rough, broken and poor at the upier end of the road, and is it would form no advantagens connection with any other road, nor lead to any better section of land to extend it, it would not be adrisable, in my opinion, to resume operations upon it for the prosent.

FRONTENAC ROAD.
Locarron-Commenes in the Tounstiop of Hinchivarooh:e pases through Clurendon und jurrt of Miller to the Mississimpi roud.

This road was biilt partly under Mr. Godfreys superintendence, and partly under Mr. Snow's. The part from the Mississippi river to the Mississippi road is still in good condition, but that part southward of the river is, according to Mr. Gibson's report of the 15 th July last, a good deal out of repair. He estimates, however, that from $\$ 600$ to $\$ 500$ will suffice to put it in such a coudition as will allow a load of 15 cwt. to be drawn orer it from end to ead. As the appropriation of $\$ 1,000$, for repairs upon the road, nade by Order in Council of 24th of October, 1862, has not yet been expended, no further aid to it is
necessary, unless it should be deemed advisable to extend the road further northward. This I think-of very doubtful propricty. The location of it, after intersecting the Mississippi road (which forms its present terminus,) for four or five miles, is close to, or identical with, the last named road. It then turns more dircetly northward, but still converges somewhat towards the Addington roud, from which at its location terminus on the Madawaska, it is not more than seven or eight miles distant, whereas, at the same parallel, between the Addington and the next colonization road, viz., the Hastings, the distance is at least thirty miles. The superintendent suggests upon this subject whether it would not be judicious to change the site of this road, carrying it more enstrard to the Madawaska. If it be desirable at all to continue the road, I entirely coincide with his opinion; but I caunot see that it is requisite to prolong the road any further.

The whole country here is sufficiently acecssible through the Opeongo road, the Madawaska river, and the Mississippi road, all rumning in north-wwsterly and nearly parallel directions, and of distances of not more than ten or tivelre miles apart.
adDington road.
Location.-From Clareview in Sheffield throuyh Kulclur, between Barrie and Anglesea, and thirough Alvinger, Donbigh, and then thronigh Lynulock cund Brudenell to the Peterson Road Line.

This road had been stayed in its extension until last spring when the prolongation of it was taken up on Perry's survey of the line through Lyndock and Brudenell, to the Peterson road, or to (as this part of the Peterson road is more commonly designated) the Ottawa and Opeongo junction road.

Laborers were eniployed by the day under the superintendence of Mr. Ncil Stewart, who, on the above system, had constructed the road as far as the 7 th concession of Brudenell, when, itappears, he abandoned the work, and the Saperintendent has let the remainder, viz., to the intersection of the Peterson road, to be completed by contract.

The sum of $\$ 4000$ was appropriated by Order in Council of the 2nd March, for constructing this part of the Addington road, which amount I infer from Mr. Gibson's letter of the 14 th November, will be súficient to complete the road to the junction with the Peterson.

Last year, in compliance with various applications and recommendations, $\$ 1000$ was appropriated for repairs, chiefly in the Townships of Sheffeld and Kaladar. This amount has been expended by the Ageni, Mr. ©. Perry, under the Superintendent's direction.

## THE MISSISSIPPI ROAD.

LOCATION-COMmences in North Sherbrooke, and"passes thence through Palmerston, Clarendon, Miliar," and" Abinger, to the intersection of tha"Addington road, to which Jast point it is made and trewvelled.

This road was originally well made, and it, has gencrally been conceded, is a model road. No additional amount has been expended upon it for repairs since its formation, nor has any: complaint reached the Department, calling for such aid.

It has been further located through the Townships of Ashby, Mayo and Dungannon to the intcrsection of the Hastings road, somewhere in the valley of York river. The location through the Township of Ashby is somewhat tortuous and rough, and would, on the present site, be expensivc to make owicg to the exceedingly broken character of that part of the township.

Mr. Snow has discovered, since the perind of the road survey, a much bettcr route for a road, passing also through very good hardwood land, west of Thirty Island and Bark Lakes.

This road, with the above change of location effected, will pass through three townships of fair average quality of land, two of which, viz., Dunganon and Mayo are as yet mainly unsurveyed, Mayo entirely so and Dunganoon having only one range of blocks adjacent to the Hastings road subdivided.

The Mississippi road is thence, viz. from its intersection with the Hastings, projected westward to the bridge, over the east branch of the Severn river, as forming a grand middle road between the Peterson road and the navigable waters of Sturgeon, Buckhor,, Salmon and Stoney lakes, passing through Faraday, Cardiff, Monmouth,

Glamorgan, Snowdon, Lutterworth, Digby, Dalton and Rama, and when completed will form a nearly direct road-line of communication between the Ottawa and Lake Simcoe. The full completion of this road, however, cannot be accomplished in one year ; but its construction is, in my opinion, so desirable, and even necessary, to forward the settlement of this vast tract of yet comparatively unsettled country, that I"would strongly recommend its progress not to be lost sight of.

## the hastings road.

Location.-From the Villaye of Mradoc; northward through Madoc and Tudor, and betiveen Tudor and Lake, Wollaston and Limerick, Faraday and Dungannon, Herschel, Monterugle, \&cc., \&c.

Considerable improvements have been made on this road during the past summer, as I have stated in detail in my report of the 16 th November last.

The improvement contemplated by the Hastings County Council (* ** *) will make this road a good one, as far as the Township.of Tudor-say 14 miles.

The improvement from the Jordan Creek in Tudor, to the south-west corner of Limerick, will constitute 14 miles more of excellent road, and the second impruvementabove York Branch again-will add about 11 miles more, making in all about 39 miles of good road, in an entire distance of about 63 miles. There will still therefore remain, of this whole distance about 24 miles of bad road to coraplete the Hastings as permanently good, as far as the middle of the Township of Monteagle; and as the portion of the road above this is in a comparatively fair locality,-and a good settlement exists in the north-west corner of Moutcagle and the north-east of Herschel-the people would be very well able to improve this small part of the road themselves, if a small appropriation were judiciously expended the ensuing summer, upon intermediate sections of it-from York Branch to Tudor, and from Tudor to Madoc, north boundary. The whole of the Hastings roid might then be pronounced a good colonization road, and immediate and very encouragivg results would, I' am confident,-through its settlement and general improve-ment-be witnessed.

## THF BURLEIGH ROAD.

Location.-From Burleigh Rapids through Burleigh, Anstruther, Chandos, Cardiff, Momnouth and Dudley, to the Peterson Road.

About twenty-three miles of this road were made by contract; twenty more are now under construction in the same manner for the gross sum of $\$ 1,952.50$.

The sum of $\$ 9,000$ was appropriated towards its extension by Order in Council of the 2th of October, $1 \$ 62, \$ 1,500$ of which was applied for the settlement of the last contract.

After completing payments on the present contract, there will remain, of the last uppropriation, a balance of $\$ 2,547.50$.

The completion of this contract will carry improvements on the Burleigh road as far as the 43 rd mile. "There will then remain about thirteen miles of unfinished line to reach the Peterson road.

## THE BOBCAYGEON ROAD.

Location-From the Village of Bolcaygeon, northwari, between Harvey, Terilam, Somerville, Guhoay, Lutterworth, Snowdon, Minten, Anson, Bindon, Starihope, McLean and Ridout.

This road is formed as far as the Muskoka river, in the township of Franklin. There have been various complaints from settlers, and others, of the bad and almost impassable condition of it.... *

The Bobcaygeon has cost already, according to the superintendent's report of last year, upon that section lying between Bobcaygeon village and the Peterson road, uppards of $\$ 73: 3$ per mile.
fronting on the Balsam Lake and Gulf River-crossing the Giulf River at Cobocont-then northward through the Township of Laxton.

As the "Monck road" will probably pass within four miles of the present northern terminus of this road, I think it very desirable that the latter should be extended so as to form a juíction therewith-and I would suggest that a sufficient appropriation be made for that purpose.

## THE VICTORIA ROAD.

Location.-From Lot 20 in Eldon; between Eldon, Fenelon, Bexley, Curden, Laxton, Dalton and Digby-thence across Longford and Oakley, intersecting the Peterson road near the brilge over the Black River:

An appropriation of $\$ 4,500$ was made to completc this road through Longford to its present terminus, by Order in Council of the 24th of October, 1862:

The contract was tâken by Jcseph Fee and Wm. 'J. Lindsay, iu May, 1863, for $\$ 2,526.27$, and reported by the superintendent in October last, as nearly coupleted. There will hence remain, of the appropriation made for this road, $\$ 1,973.73$, to be applied to other improvements.

It has been suggested with reference to this road that all the crossways on it should be covered with earth as far as the Peterson road-that is, in fact, the whole length of the same ; probable cost- $\$ 2,000$.

## THE MUSKOKA ROAD.

Lodation.- From the foot of Lake Couchiching northzard through Morrison, Mus koka, Draper, Macaulay and Stephenson.

This road is completed to the vicinity of Fairy and Vernon lakes, and passes through, much good and fast improving country; indeed the land all the way from the Falls ( 34 miles beyond which the road is made) is of the best quality to be found in this latitude. At about the ninth mile the Parry Sourd road line branches off from this road in a northwesterly direction, passing between Skeleton and Rosseau lakes, and leading to a large section of tolerably good land for settlement in that direction. Hence it will be seen that the Muskoka road is, for 30 miles of its length, the highway, not only to the section of country for the opening up of which it was directly undertaken, but also to that lying to the north-west, which is subsequently to be reached by the Parry Sound road, which branches off from it at the above cited distance. At a distance of about twelve miles on this road; it approaches within 40 chains of a bay of Muskoka lake, whence in the summer season, convenient access by boating can be had to the country lying to the westward of Lake Joseph, and also (though by a somewhat circuitous route) to the south and north falls of the Muskoka river.

The great public utility of this road, and its special clain to support in the intercst of general settlement, induces me to recommen heartily a suall grant to improve it, as far as the town plot, laid out at and north of the South Falls.-

There are here about twenty miles of road which a judicious oxpenditure of the above amount would render very passable.

THE PARRX SOUND ROAD.
Looitron.-Begins at about the ninth mile north of the Great Fall, on the Muskocka road, following northwardithe western boundary of Stephenson for about three miles, then. runs in a north-ivesterly direction to Gibson's mills at Parry's Sound.

The last road I have to mention is the "Parry Sound". The contract for the formation of twenty miles of this road was formally accepted in Aprill last: No work had been done upon it, however, up to the date of my visit to that vicirity in October last. The contractor informed me then that he had just received directions from the superintendent to proceed actively with the work.

Of course the only pait of the work that can be accomplished thise winter will be the chopping of the treck to the proper width, preparatory to clearing and grading the samelin
the spring. These twenty miles have becin let, according to Mir. Gilison's report, for the gross sum of $\$ 3,665.50$, an average of about $\$ 184$ per mile. There will remenn, after these twenty miles arc completed, to reach the Parry Sound road termiuss, about 322 miles. Chis latter distance, at the rate that the first twenty miles were contracted for, would cost $\$ 4,224$, and the total amount required tor the 432 miles of the Parry Sound road would be $\$ 7,888$, leaving a balance of the appropriation made for the construction of this road, by Order in Council of the 24 th October, 1862, of $\$ 2,112$.

It would thus appear that no further appropriation will be necessary the ensuing season for this road, as it is not at all probable that roore than 432 miles of any one road will be made it a single yeur.

> I have the bonor to beysir, Your obedient servant,

(Signied,) James W. Bridaland.
Col. Roads Branch, Feb. 9th, 1864.

APPENDIX No. 38.
anNuAL RETORT OF tif superintendent of fismentes fol upher canada, for time year 1863.
To the Hon. Wm. McDougall,
Commissioncr of Crown Lands, de.
Sir,-I have the honor to submit my annual report for the year 1863.
The total number of season-licenses issued throughout the year amounted to 32, at gross rental of.
$\$ 478.00$
Of this amount................................................................ 33100
have been paid-leaving a balance due of....... ......... ........... $\$ 14700$

Making a total sum of................................................... $\$ 5,92136$
Which is due on the leases and licenses thus far issued.
In 1862, the number of season-licenses issued was 60 ; thus showing a falling off, during 1863, of nearly one-half the number of lessees, and a consequent growing spirit of defiance to the Fisheries Act, and the regulations made thereunder. Inced not refer here to the circumstances which have brought about such a state of feeling among the fishermen, as these were very fully explained in my report for 1862. It may, however, safely be predicted that the system of scason-licenses will not work in a satisfactory manner, either in the interests of the revenue or the protection of the fisheries, until the Fisheries Act is amended by the legislature.

Without making special refercnce to all the difficultics I have met with in my endeavors to induce the fishermen to take season-licenses, I beg to state that nothing has had a greater tendency to defcat my efforts than the knowledge or the belief that the law is powerless to compel payment of rent for fishing in front of private property, and that this belief has been greatly strerigthered on account of the circumstance that no legal stc ps have been taken to recover the large balance still due the department, on account of the three years' leases. If the right of ownership to the channel baik clained by the landed proprictors on the Detroit river, is noi determitud in a satisfactory manner, and the extent of the auchority exercised by the Government over the fisheries in that river is not more explicitly established than at present, it will be impossible to induce any of the parties fishio therein to take out a license, because they believe that their own title deeds have alreay conferred the privilege upon them.

The great increase of gill-net fishing in the inland waters of the Bay of Quinte, Wellington Beach and the Consecon, has become a matter of loud complaint by those
who use the seine-nets in those waters. These parties demand the prohibition of gill-net fishing altogether; on which condition they profess to be willing to come under the operation of the law and take leases or licenses at a reasonable rental. It will thus be seen that the control at first secured over the fishermen is steadily declining, and nothing but a more efficient legal enactment will restore the waniug authority.

It will be seen by the accompanying statement of moneys received, that no part of the arrears due on the three years' licenses-a statement of which accompanicd my last annual report-has yet been paid; neither have I been able to collect any part of the money due on the season licenses issued in 1862. The fishermen in arrears in the Bay of Quinte region promise, however, that they will pay all arrears cheerfully, provided only the gillnet fishing were prohibited.

The past year has, I regret to say, been very unsuccessful in point of revenue; yet it should "not be forgotten that the improved mode of fishing, introduced through the operation of the law, is every year tending to increase the value of the fisheries, and has so far prepared the way for the framing of such measures as would tend to their still greater improvement, and even, I believe, to the creating of a source of revenue.

Having commented so fully on the condition of the Upper Canada fisheries in my last report, and explained, in so far as my experience has enabled me to judge, the amendments which are required to improve the Fisheries Act in the several letters which accompanied it ; I do not deem it necessary to make any further remarks thercon, as the experience of the past year has only confirmed my opinion in the judiciousness of the various suggestions which I there took the liberty of making.

All of which is respectfully submitted.

> I have the honor to be, sir, Your obedient servant, JNo. MoCuara,

Superintendent of Fisheries for Upper Canada.
APPENDIX No. 39.
ABRTDGED REPORT OF THE SUPERINTENDENT OF FISHERIES FOR LOWER CANADA, 1863.
The Hon. Commissioner of Crown Lands,
Crown Lands Office.
Sir,-I would now submit to you a statement of the duty that Ihave been engaged in, in that locality within which $I$ have been permitted to act.

Having been informed that the fishway had been carricd away from the mill dam at the River St: Charles, I visited that locality and found that it was so. I notified the owner that it must be constructed without delay. On the following week the instructions had given were complied with, and the fishway has been in good working order to the end of the season.

The men being engaged in the repair of the dam and the dahl, I advised them to construct a gate; so that the whole of the water should flow over the dam when the mill was not in operation, which they promised to do. There are many things thit operate against the River St. Charles; the aqueduct, the shipbuilding operations, and the constant seining at the mouth of the river render it almost valueless as almon river. I do not know that any salmon have been taken there this season.

July 9.-Proceeded to River Ouelle with the intention of removing the fishery in occupation by Mr. Casgrain, who had refused to take a license, claiming the "droit de pêche" (as seignior); called on Mr. Casgrain, to whom I had previously written, he said he could do nothing, as, since the death of his father, the affairs of the Seigniory were in the hands of his brother, the Rev. A. Casgrain. I told him that it was with deep reluctance, but that Lshould be compelled to cause the net to be removed. After consultation with the agent and notary (Mr. Martin), Mr. Casgrain consented to take a license, as he was the person actually in possession of the fishery The following day I exanined the fishway that was being constructed on the mill dam belonging to Mr. King, on the River Ouelle, they had taken much care in the construction, but it was built of deals, and the cross pieces will, Lam sure not be able to resist the spring freshets Mr. King stated it was his intention to construct a fishway of square timber.

I pointed out some defects, which wore promised to be romedied. I afterwards visited Mr. Letellier, and went with him to his mill dam; no alteration had been made in it; though a few hours' work would make it very effective. When there is plenty of water running over the dam the fish are able to ret over, but in the summer the river is generally low, with scarce sufficient water to work the different mills, and as a conseguence little water flows over the daus, and the salmon congregating unduc risk is run of their being swept off by poachers. "On ncither Mr. Letellier's mill dam nor on Mr. Casgrain's was there any water flowing over, and the river was excecdingly low. There were considerable quantities of salmon fry in the river, and many salmon under Letellier's mill dam.

Drove to Kamouraska river, in the rear of River Ouelle, about seven miles distant; not having a canoe I could not examine much of it, but was informed there was a succession of high falls; the portion I examined was sluggish and swampy.

The next day I pointed out to Mr. Martin, the agent of Mr. Casgrain, the place it would be advisable to construct a fishway. The difficulty on this river arises from the fact that when the water is high the fish can get above the mill dams belonering to Mr. Letellier and Mr. Casgrain, and they think it is unnecessary to construct a fish way, while acknowledging their liability to do so. Thave myself seen the salmon fry swarming above each mill dam.

At Mr. King's dam I caused the full power of water to be thrown on the fishway, and pointed'out the improvements necessary to its effectual working and the men were imme diately set to remedy the defects. Mr. King has a sincere desire to aid and facilitate in carrying out the instructions that I gave, and to do all that he can to construct an efficient salmon pass over the mill dam, which is the highest in the river. Drove to the railway station and thence to Quebec.

July 12-14- Visited the mill dam at Lorette, and the Chaudiere and Etchemin.
$J u l y$ 17.-Left Quebec to visit the various mill dams on the Chateauguay river; at Chateauguay there are two belonging to the Grey Nuns; at St. Martin, one belonging to Mr. DeGuay; at Howick, one belonging to the late Hon. E. Ellice; at Durham, one belonging to the same owner; at the portage above Durham there is one dam belonging to one James Goundry ; at Huntingdon, one dam held jointly by Mr. Henderson and George Lighthall. On the Trout river, a branch of the Chateauguay, there is a mill dam belonging to Mr. Henderson; and, within an acre of the boundary line, there is a very extensive dam belonging to a Mr. Webster. Having visited these, and given the necessary instructions for the construction of the fishways, I crossed the country through Atheling, and again cut the Chateauguay; drove to the highest mill within' Canadian boundary (Johnston's), and thence proceeded downward; examined a mill dam belonging to Thos. Birch; proceeded to Huntingdon, and from thence to the River St. Louis, an inconsiderable stream, on the dam of which there is no necessity for a fishway.

Called at the office of the seignior, and there, as well as at the different mill dam proprietors, gave the necessary instructions for the construction of the fishways in accordance with the law. Salmon formerly frequented the Chateauguay and all its branches. The Grey Nuns informed me that, some ycars since, they had been engaged in a law suit, being charged by the residents with destroying the river, by building the mill dans, and thus preventing the salmon from ascending the river; they proved, however, that the fish did ascend, haring sent their men who captured salmon far above where the mill dam had been built. At Huntingdon I also was informed that salmon were at ono time very abundant:

Proceeded to Montreal, and from thence by steamer to Quebec, were I arrived on the 24th; a more extended report of my examination of this extensive district I have already submitted to gou.

By your letter of the 20th July, my attention was directed to the sale of small sized grilse in the public markets; and on my return from Beauharnois, I proceeded to examine the different fisheries on the south shore. Will the Commissioner please cause the statement I submitted to him, in relation thereto, to be appended to this report?

Having heard that illegal fishing was taking place at "Brompton Falls," I proceeded thither, and found two persons fishing at the mill dam; the one had in his possession a spear, and the other a landing net, commonly called a "dip net;" after waiting and observing them for an hour or two, the only fish that I saw taken was a sucker, with the dip net. I examined the fishways and found one to be very effective, the other not so\% went
to the office at the mill; and told the clerk $T$ was sorry to find that the men employed at the mill should be engaged in fishing, as Mr. Clarke, senior, informed me that he would forbid it; that though different sorts of fish were doubtlessly killed, yet public rumor said that a great many salmon had been taken at the mill dam, both by net and by spar. Mr. Eraser told me he could not," from personal observation, say that salmon had been taken, though he believed many lad been caught-that pike, pickerel; sturgeon, carp, and whitefish were taken at timés in great quantities, and that he had heard the mill people say that they had seen a good many salmon go over the fishway.

The next day' examined the fishways with Mr. Clarke,jun. At one fishway the salmon can ascend casily; at the other the fish could nut get over. While we were standing:near, consulting the best method to facilitate the passage of the fish, we saw a salmo make many vain attempts to overcome the difficulty., A few blasts in the rock would soon give a clear passage, without injury to the mill dam, and at the same time it would destroy the scooping ground. From reports I received, it is evident that large quantities of salmon have gone up the river this season.

Went to the office, and found Peter Pourrier, a kind of half-breed, who was fishing the day before. He said he had fished there for years, and "killed all sorts of fish, but that he had killed no salmon since the 1st August. I told him it was unlawful to kill salmon near any: salmon pass, at any time, or by any means; that he ought to have known it was illegal, but that as he had come voluntarily and admitted that he had killed salmon, I would take the case into consideration, but could not say he would not be punished. Drove to Sherbrooke, and thence by train to Quebec.

August 10 th. Waited on the Attorney Gencral, by appointment, in relation to the proceedings to be taken to compel construction of a ishway on the mill dam at the River du Sud, at St. Thomas. The proprietor, Mr. Patton, having opposed vecatious proceedings to the course that had been-adopted, callod at Mr. Price's office, relative to the ownership of the mill dam at St. Thomas " Subsequently, in a conversation with Wm. Price, Esq, he stated that in the construction of the will dam the work was jointly performed at the instance of the late W.m. Patton, Wsq., and himself, and that he has nu recollection of any written agreement between himself and that gentleman relative to the mill dam. The records relating to that establishment were carefully looked over, but nothing satisfactory found.

August 12th:-Mr. Boswell laid information against Elie Dubnc, of Jacques Cartier, for having unlawfully killed salmon on that river. I' caused the necessary proceedings to be instituted, and, on evidence, the offender was convicted of a breaoh of the "Fishery Act." A notice of "certiorari" was served by the defendant"s counsel,, but not obtained, and, on a warrant being issued (the defendant making default), he was fonad to have left his domicile," and has since evaded justicc.

August 18th. - Proceeded to St. Thomas, and caused the mill dam to be measured off by Mr: Fournier, Provincial Land Survecor; measured and marked of the place best adapted for the construction of the fishway, and, on my return to Quebec, cansed the necessary notices to be served on the proprietors and lessees:

Made an examination of the River St. Chirles from the aqueduct to the lake; found no obstructions in the river. I cannot understand how these waters can be so denuded of fish. The Hon L. Panet (who kindly lent me his boat) stated that formerly the lake and river abounded with fish. Thi aril oust arise from the destruction of the fish apon their spawning beds, which should in ell places be carefully guarded.

Sept 7 th.-Proceeded to Batiscan, and thence to the River St. Ann (en haut); drove to St. Casimir, and examined the mill damibelonging to Mr. Methot. This river is of considerable breadth, and on the east side there is a "chate" or timber slide - the fer salmon that frequent this fine tiver appear to take the opposite side or channel, as Iwas informed that several were taken under the mill wheel. Salmon have been morc numerous this season than for a long time past in the St. $\AA$ Ann's, and nany, I heard, had been speared under the dam.

Called on the care at St. Casimir, and begged his coooperation in inducing an observance of the Fishery Act. I explained to him the natare of the law, and the great injury the community in general suffered from the illegal acts of a ferw poachers, in speariug the fish on their spawning beds, and that by forbearance the whole river would in a short time
become well stocked with salmon. The cure was very kind, thanked me for the information I had giren him, and said he would publicly notify his people on the following Sunday after scrvice, and that he would be happy to do all in his power to aid in carrying out so valuable a law. Continued my course up the river, and examined the mill dam on the Black river (a tributary of the St. Ann), gave the necessary instructions and pointed out the place where the fishway should be built; showed the foreman and owner the plan of construction. Salmon used to frequent this river in good numbers, which is well adapted for spawning; the falls of St. Ann prevent the salmon from proceeding higher; though there is': abundance of good spawning ground. Returned to St. Ann's, called on Mr. Methot, pointed out to him the requirements of the law; showed him the plan of the fishway, gave him the official notice, and requested him to see that the necessay work was constructed as soon as possible, showing him the time of limitation. Mr. Methot evidently did not feel satisfied to comply with the instruction, and conceived that the chute would have been sufficient for the purpose, as the salmon were thought to go up it, inasmuch as they had been scen above the dam, and, indeed, had been captured under the falls.

The St. Ann is a most excellent salmon river, admirably adapted in all respects to their habits, swift running, with rapid and deep pools, rocky bottom, with sand and gravel ; it only requires a little protection to make it a valuable salmon river. I would like to see it in the hands of some person who would carefuily preserve and guard it for two or three years; it would then have become well stocked with salmon, and thus the lessee and the public would be mutually benefited. Proceeded to Batiscan, and thence to Quebec.

Sept. 21st.- Submitted to the Commissioner a communication in relation to the Lake Magog fisheries, and stated that I had every reason to believe that serious depredations would take place on these waters, and that it would be absolutely necessary that proper steps, which I iutimated, should be taken to prevent wanton destruction" verbally I had also clearly explained what had previously taken place; what I felt assured would again take place, and the necessary means of prevention. To that letter I was surprised to be requested to state, of what nature were the depredations that I apprehended; though from record, and much verbal communication it was known that the abuse consisted of the wanton and destructive spearing of the large lake trout on their spawning beds, and which had caused much perplexity the preceding year. I replied to that letter immediately, stating the evils I apprehended. About a month had elapsed when I received a letter frem G. R. Robertson, Esq., of Sherbrooke, informing ne that he was assured by several parties that the inhabitants near Magos were continuing to destroy the fish at the lake. This letter I submitted to the Commissioner, and though I did not doubt but that the statements were correcti, to be doubly sure I wrote to John Wright, Esq., a resident on the border of the lake, stating the purport of Mr. Robertson's letter, and asking if it could be verified. In answer I was informed that great depredations were taking place, that spearing was almost a nightly occurreace, and that large quantities of trout had been killed.

Again, my attention was directed through the press (by the Secretary of the Fish and Game Protection Society) to the spearing of salmon on the St. Francis; I called on that gentleman, and received from him the fullest information in relation to one of the parties who was an aggressor.

The Collectors of Customs, have, in accordance with the law, transmitted to me their annual returns of vessels licensed by them under the provisions of the Bounty clauses of the Fishery Act. The following are abstracts'from the returns. "Total number of vessels 55.


The returns shew that the whale fishermen have been very unsuccessful, which is much to be regretted, as it is an arduous, expensive and hazardous enterprise.

I have the honor to be, sir,
Your obedient servant,
Richard Netile.
Superintendent of Fisheries for L.C.

APPENDLX No. 40.
ANNUAL REPOR' OF PIERRE FORTIN, ESQ.,
Consmanding the expectition for the protection of the Fisheries in the Crutf of St. Luturence during the scason of 1863.
To the Honorable
Wm. McDougall, Commissioner of Crown Lands.
Sir,-For the information of His Excellency the Governor General in Council, I have the honor to submit the following report of my mission to the Gulf of St. Lawrence, for the protection of our maritime and fluvial fisheries, the maintainiag of order and public peace in our seaports and at the fishing stations, and for the several other purposes enumerated in my report of last year.

The armed Government schoover LIa Canailienne, of 230 tons, carpenter's mensure, and 109 tons, new measure, cast ashore during the night of the 24 th November, 1861, during a snow storm, a little above Jittle Trinity River, had beer miscd from her dangerous position, floated and towed to Quebec, during the montin of iugust, last year. By order of the Commissioner of Public Works, she was examined by coinpetent workmen, and found to be susceptible of repair, and again rondered fit to be cmploged in the service of protecting the fisheries.

The repairs made according to instructions from the Board of Works, by Government carpenters, under the inspection of Mr. Buteau, began in the spring of this year, but could only be completed by the 25 th of May, at which date the Canadienne was ready for sea.

Unfortunately, this was three weeks too late, and I must not lose the opportunity of cxpressing a hope, as I have already done several tines, that next ycar, the schooner performing the service in the gulf may be ready to start at the opening of the uavigation; that is to say, during the last week of April, or by the beginning of May, at the latest. It is almost needless to repeat that the greatest number of tishermen and foreign sailors are engaged in the herring fishery, at Magdalen Islands, during the month of May, and, consequently, it is during this periou that the greatest need of the protection of the schooner. is felt.

On the 27 th May, at three in the afternoon, everything being reilly, we left Quebec with a favorable westerly wind, expecting to make a short trip down the river; but after a few leagues the wind shifted to the east, and blew from thence till the 30 th, when we anchored off Rimouski harbour.

I went ashore to distribute the salmon fishery licenses of that place, and engaged, for the Department of Public Works, workmen whom I had to bring to Seven Islands to repair the house and office of Mr. Swith, Collector of Customs at that port. I lad on board the schooner the necessary materials for these repairs, such as brieks, lime, boards, planks, shingles, hardware, dc., thereby causing a great economy to the Board of Pablic Works ; the transport of these articles from Quebec to Seven Islands being done without any cost to the province.

The east. Wind continuing on the list, and till the night of the Dind of June, we were obliged to remain at anchor above Barnabé [sland. At lust we started with a light brecze from the south west, and next morning, on the 3td, we dropped anchor at Godbout river, where nobody had yet arrived foz salmon fishing. Un the same day I visited Point des Monts, Trinity and Caribou Islets Poiut. In this last ramed place, I had to try two parties accused of having stolen shipwrecked goods; the proof being conclusive, they were fined, and at once paid up. I delivered salmon fishery licenses at these places.

On the 4 th, I touched at Pentecost River, where I'issued one sulmon fishing license, and at the establishments of Ragged Islands, where cod tishing had not yet begun. In the aftcroon we anchored at Seven Islands. Mr. Smith, whom I had brought from Quebec, with his family, landed there; and all hands were at once employed unloading the effects intended for this port, which work we were engaged at during the whole of the 5th.

On the 6th, notwithstanding contrary winds and strong currents from the cast, we arrived at Moisic river. I visited the fishing posts, and gave licenses for the bank salmon fisheries. Salmon fishing had begua in the river on the $2 t t h$ of May, but only a small number of fish had been taken. The first shoals of caplin had been seen only on the eve
of our arrival, and before we left for Gaspe, which we did in the evening, schooners had come in with four drafts of codfish. There was a greater number of fishermen engaged in cod fishing at Moisic than in previous years; and if success attends their exertions, and remunerates them as they deserve for their hard and dangerous labors, this place will supply a considerable quantity of dry codfish for forcign export.

On the morning of the Sth we were off Magdalen river, with contrary winds; and on the 9th, at lour in the afternoon, we arrived at Gaspe Basin. I immediately began granting salmon fishery licenses for the rivers York, Dartmouth, St. John, Peninsula and Sandy Beach, and, with the help of Mr. Thomas Boyle, fishery overseer for this section, I was enabled to finish by next morning. Many vessels from Europe were in Gaspe Basin, with cargoes of salt, merchandize and fishing implements. There was the usual number of these vessels fitted out for cod-fishing, and those for the north shore had perhaps slightly increased.

On the 10th at A.m., we set sail, but the breeze being too slight to enable us to leave the Basin, we started only at 2.45 P..n.

In the afternoon of the 11th we anchored at Perce. Four Canadian fishing schooners were anchored at this place, and the steamer Lady Head also called there on the same day on her way from Pictou to Quebec.

Caplin had made its 'apparance on the shores of Craspe and neighborhood at the ordinary time, that is to say, at the beginning of June, and had not been very numerous. Codfish, without being scarce, was not so abundant as is usual at this period; but notwithstanding that, a good many schooners had been successfu! in their fishing, and some of them had already caught 100 draft of codfish each. This was a very encouraging beginning, and, in the event of codfish not failing on the banks, the fishermen should certainly expect to catch 30:) dralts during the season; which quantity being dried, and having added to it the cod liver oil, would represent a sum of $\$ 1,000$. The number of fishing boats of Perce and Bonaventure Island was more numerous than in the previous years."

On the 12 th, at 0.15 A.m, we set sail for Magdalen Islands, with a light breeze from the north east, and at 4 ram. on the same day, dropped anchor in Amherst Island Harbor, (Magdalen Islands). I visited the codfishing stations of this Island named the Basin, Cape Moule and House Harbor; and learat that cod fishing had begun in these places under the most auspicious circumstances. Wish as well as bait yere abundant; the only want felt being fine weather to allow the men to spread their fish whilst on the banks.

At Deadman Island, four schooners, which had arrived on the 4th of June, had already caughtin a single week 100 quintals of codfish. Schooners fishing on the banks in the offing were in proportion equally successful.

On the morning of the l3th we anchored in Pleasant Bay.m landed at Amherst Harbor, met the Collector of Customs and the principal inhabitants of the place, and learnt thatt all the fishing was successful. Herring had been seen as abundant as usu.al in Pleasant Bay; but on accouit of the low price (caused by the American war closing the Southero markets), which barely repaid the eost of barrelling, there had been caught only 25,000 barrels, against 60 to 70,000 barrels caught in previous ycars.

Batuk of floating iec, driven by north-west winds, and covered with young scals, had stopped near the north shores of Grindstone [sland, and the neighbouring inhabitants hastened to profit of this splendid harvust which Provideoce gave them, and to reap as much as possible by it, in spite of the dangers attending this hunting-sometimes pursued to a distance of two learues from the shore. If, whilst hundreds of people are engaged on the ice, the banks move away, driven by land winds, the seal-hunters have to be carried back in canoes; if not, those remaining on the ice are soon doomed to death from exposure and hunger, as the thing has oceurred many times at Magdalen Islands to poor unfortunates who could not be got ashore, and disappeared for ever with the banks carrying then away. This year, cases of frozen feet had, it is to be regretted, occurred; one of which proved fatal. During the few days this huat lasted, there had been collected about 2,600 young seals, of the value of one pound each.

Codlishing, begun earlier than usual, gave most satisfactory results; never before, indeed, had this fish been seen in greater abuudance in Pleasant Bay and all along the shore than this year; uumbers of boats were taking from 4 to 6 drafts a day.

Nackerel was seen in Pleasant Bay only during the night of our arrival, but in thick shoals, and numerous onough. The Magdalen Lslands fishermen and schoonery from Novi Scotia and the United States, made a good catch. Tlac boats of one schoouer brought back 100 barrels-the product of one single night's fishing. Unfortunately, this did not last long; mackerel having shown itself on our shores later than usual, did not make a lonr stay, and after having stopped a fow weeks, disappeared and went to sea, but came back in great numbers again, as will hereafter appear in my report. It must also be remembered that the stormy weather prevailing during the few days that caackerel was seen at the Islands, prevented the fishermen from reaping all the advantages they might have expected from the setting of their nets on the shoals, during the time they entered Pleasant Bay.

I made a thorough inspection of the schooners in the harbour, of which the following is a list :-

Schooners in Amherst Harbour on the 13 th June, 1863.

| Name of Vessel. | Name of Captain. | Ton: nage. | No. of Men. | From what Port. | $\left\|\begin{array}{c} \mathrm{No.} \\ \text { of } \\ \text { Nets } \end{array}\right\|$ | Cargo. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Primrose | X. Guillemette.. | 61 | 5 | Malbaic |  | Salt |
| Independence | M. Keating.....'... | 30 | 9 | Guysborough.. | 50 | 70 brls mackerel. |
| Investigator ......... | Stephen White... | 25 | 7 | Ealifax . . . . . |  | Cod fishing. ${ }^{\text {ata }}$ |
| Victoria | Wm. Leslie. . . . . | 32 | 5 | ${ }^{\text {m }}$ " | 45 | 45 brls. mackerel. |
| Linet . . . . . . . . . . . | Thos. Parker | 36 | 4 |  | 48 | 30 " " |
| Levina Elizabeth... | Jos. Newcomb | 23 | 6 | " ...... | 50 | 40 " |
| Clara. | Richard Haws | 30 | 4 | 4. | 33 | $10 \quad 4$ |
| Mary Ann. | Wm. Edmund . | 44 | 4 | ، $\quad . . .$. | 36 | $30 \quad 16$ |
| Perseveranco | G. Haws ... | 18 | 4 | / : | 34 | 40 " |
| Triton | F. Cormier . | 30 | 8 | Amberst |  | Cod fishing on north shore. |
| Cutter | Jean Vignault | 28 | 4 | " 6 |  |  |
| Good Intent | Jas. Carter .: | 28 | 6 | Gut of Canso.. | 60 | 30 bris. mackerol. |
| Fame | L. Nicholson. . . . . | 32 | 3 | Halifax . . . . . . |  | Salt. |
| Nec plus ultra | Peter Malcoln | 48 | 6 | Gut of Canso.. | 32 | 20 brls. mackerel. |
| Bay .. . . . . . . . . . . | Wm. Emery ....... | 18 |  |  | 25 | $370^{\prime \prime} "$ lerring and 50 ot mackerel. |
| Maric Alra | Pierre Godier | 37 | 4 | Amherst |  | Ood fishing on north shore. |
| President | Aug. Martinet | 36 | 4 | \% 4 |  | " . |
| Bridget Ann.,..... | M. M. McKay... | 38 | 5 | Gut of Canso. | 22 | 18 brls. mackerel and 200 " herring. |
| Alcxis Painchaud.'. | S. Bernier | 50 | 5 | Amberst |  | New. . ${ }^{\text {c }}$ " |
|  | Total . ........ | 653 | 101 |  | 435 | 383 bils. Hacinerel. 570 " herring. |

According to Mr. Cassidy, harbour master, all these schooners had observed the harbour regulations. As to the mackerel nets, it is truc there were some in that part of the bay facing Amherst harbour, but I did not interfere with them as they were few in namber and not obstructing the navigation, and" as, in addition to my having arrived too late to place the buoys marking the limits where it is allowed to set nets and where it is not, the fishing season was nearly over; and to oblige the fishormen to take up their nets, as they were quite ready to do if $I$ had ordered them, would have deprived them of the profits of the last two or three nights.

The Magdalen Island schooners engaged in seal hanting on the ice, during the months of March, April, and May (there were 24), had returued from their dangerous journey withow any great success. They reported that, though there were many seals on the ice, the winds and currents had accumulated the floating masses and had prevented them from going into places where these amphibious animals were most vumerous. This would explain the little success of most of them.

Hers follows a list of all the sehooners and the tumber of seals taken by each :

Names of Magdalen Islands' Schooners which went Seal Hunting last Spring. (186in.)

| Name of Vessel. | Name of Captain. | Name of 0wner. | Tonnage. | No. of Men. | No. of Seals caught. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Mary Lydia | G. Cormier | Corn | 48 | 10 | 45 |
| Cutter | J. Vignault | D. Vignault | 27 | 9 | 100 |
| Florn | Louis Bondrault... | Ls. Bondrault. | 34 | 410 | 50 |
| Lucy | II. Renaud. | H. Rennud. | 27 | 9 | 240 |
| Sarab | H. Boudreault.......... | H. Boudrcault. ..... | 23 | 9 | ${ }^{1}+140$ |
| Emédine | N. Arseneau. .......... | hourque et Arseuean. | 27 | 10 | 640 |
| Mary ... | F, Arseneau.. | A. Arseneau. ........ | 34 | 10 | 150 |
| Two Brother | R. Delancy ... .... ..... | I. Delaney. | 42 | 10 | 440 |
| Greenock | F. Terricau.............. | F. Terrieau. | 39 | 10 | 40 |
| Temperance | J. Terricau......'....... | F. E. B. Terricau...... | 36 | 10 | 440 |
| Adelina. | Z. Arsencal. | FArseucau a DTerrieau | 40 | 10 | 56 |
| Archangel | L. Jonphe. .............. | L. "Jonphe... | 40 | 9 | 56 |
| Flirt... | J. Bourque............... | Wm. Johnson | 46 | 10 | 40 |
| Emma | D. Loiseau................. | Wm. Jobnson. | 42 | 10 | 110 |
| Annie | Wm. Terrienu........ | Wm. Terricau | 41 | 10 | 82 |
| Jenny Lind | P. Turbie. ......... ...... | P. Turbide.. | 39 | 10 | 82 |
| Union.. | T. Arsencila ..... :...... | N. Arseneau. | 59 | 30 | 82 |
| Mary An | Abel Argeaenu. ......... | Wm. Johnson | 36 | 10 | 370 |
| Zelie .. | Hyp. Richard............ | H. Richard. | 36 | 10 | 80 |
| Dolphin | D. Richard .......... | D. Kichard. | 52 | 10 | 26 |
| Ońsime | M. Richard ......... | M. Richard. | 12 | 10 | 111 |
| Zelic | v. Cormier. | V. Cormier | 33 | 10 | 334 |
| Espérance | D. Giasson.. | D. Giasson. | 51 | - 10 | 195 |
| Loup-Marin | A. Derauy. | A. Devaux. | 37 |  | 50 |
|  |  | Totals......... | 931 | 235 | 3959 |

By compariug the number of seals killed this year with that of last, a decrease of 5,235 will be seen.

On the 15th June, I was engaged examining a charge of felony; the accused was aduitted to bail, to apprar at the next criminal court at Peree.

Having closed at wh iness requiring my presence at. Magdalen Islands, I was reảdy to give orders to sail, ibut the wind, which was blowing from the south (and favorable for Paspebiac, where I ivteuded to go), shifted at night to the north-west. I, nevertheless, took advantage of this prolongation of my'stay to visit on the 16th of Junc, House Harbour, where I found but four or five schooners; the others having already left. some weeks ago, to fish on the north shore. There was also a brigantine belonging te the firm of De Quetteville, of Blancs Sablons, which had come there to engage about one hundred fishermen to carry on cod fishing for this firm.

It will, perhaps, be interesting to parties iubabiting the interior of Canada, and who have no idea of the number of fish frequenting the Gulf shores, to learn the condition of these engagements. The fishermen are brought to the fishing station at the expense of the firm engriging them; they are furnished with a good fishing boat, thoroughly fitted, and are besides supplied with fresh bait, as long as it can be got and they require it, but on yyment of a sum of $\$ 6$ to $\$ 8$; and per each handred codish delivercd on the stare, they revive the sum of 5 s . 6 A . ; one half in moncy, and the other baif in goods and provisions. At these prices, and fish being abundant, fishermen earn $\$ 5, \$ 10, \$ 15$, and ouce $\$ 20$ a day : and, after an absence of from six to nine wecks, bring home from $\$ 80$ to $\$ 120$, and sometimes more. But they have to bo rd themselves; and, if the fish is not abundant, their account of the provisions left to their families beffre their departure, their own board, the purchase of their lines, take up the greatest part of their earnings, and they very often return to Magdalen Islands with enpty pockets. Ibelieve that the experience of many years shows that it would be more advantageous for the codfishermen to fish on the shores of Magdalen Islands than on the north coast. They might not find as much fish, but they
might at least work upon their farms on days when bad weather would prevent them from going to sea.

On the 1Sth we returned to Amherst harbour, and picked up our anchor which we had lost on the previous day; our chain having broken during a storm of west wind

At last in the atternoon, we started for Bay des Chaleurs. We anchored towards the evening at Entry Island, where I found everything in order, and during the night the uorth-west wiud obiiged us to take shelter under the lee of the land of the basin.

On the evening of the 19 th a light brecze, cast-north-east, sprung up, and we took advantage of it to set sililat 9.30 d.m. From that time we had at intervals favorable or head winds, oud, on the 21st, at 5 oclock in the afternoon we anchored in the Paspebiac harbour.

We found there 13 vess 1 l ; barks, brigs and schoovers, all engaged in Canadian fisherics. The most favorable reports had been heard of the sale of our dricd fish in the Brazilian markets during the last winter ; and, amongst others, this spring, a vessel, the brig Dianer, belonging to the firm of SeBoutillier Bros., had brought a cargo of 2,100 Portuguuse cwts. [128lbs.] of dried cod-fish from Paspebiac to Rio Janerio, which realized the magnificent sum of $£ 4,200$ sterling. Truly from this amount must be deducted freight and iusurance, but it left, uevertheless a splendid result. We found at the wharf of the firm of the Messirs. Robin a vessel, built at Paspebiac 45 years ago, which has been sailing ever since then without having any repairs to her bottom. This is a 1 reat proof of the the fine quality of the thip building timber of Bay des Chaleurs, and of the solid work. This vessel, named C. R. C., had had the knees of her bows and sides cut by ice, in the month of April last, on the banks of Newfoundland; where sho was nearly wrecke , and another vessel sailing with her, the Miarluvell.

Cod fishing had begun at raspebiac since about one month, with pretty satisfactory results. Cuplin shoals had been seen in the bay since about a weck. I was told that salmon fishing was most abundant in Port Isiniel Bay.

At'4, r.m., on the 22nd, we left Paspebiac, and two hours afterwards anchored at Bonavanture. I delivered salmon fishing licenses, (now reduced to two, for the river. Although caplin was scarce at Bonaventure, still cod fishing was not bad.

On the following day we left Bonaventure as soon as the wind permitted us to do so; that is to say at 3 in the afternoon, and we arrived at New Richmond at 10 p.m.

On the 24th of June I was engaged distributing salmon fishing licenses for Cascapedia, which I visited. At 2 p.m. started for Ristigonche river, and at 7 P.m., auchored at opposite the town of Dalhousie. During our jnurney we witnessed a spectacle seldom scen in the Bay of Chaleurs. We had seen numerous herds of white porpoises sporting in the waters of the bay, from Port Maria to Port Maguocha, and even the night beforc, we had found one dead and floating on the water off Bonaventure, which we towed to New Richmond. "Several others had also been found dead in different parts of the bay. Scalshare before many times visited the Bay of Chaleurs, but not since some twenty years ; then, as in this year, it was remarked that a great number were dead. What is the reasor of this sudden and quite unexpected visit of these enormous herds of cetaceous animals, of whom not a single one is seen in the Gulf? Do they come from the River St Tawrence, in which they usually do not go lower down than the height of Metis? Probably, for they are met with neither on the coasts of Newfoundland nor of those of Nora Scotia. Very likely the shoals of small fish of which they make their usual food, and which they follow comtiaually, might have brought them thus far avay from tbic ordinary place of resort. At any rate they are of great value; bat unfortuately the coly node of killing them in the bay is with the gun, and every one knows the dificulty experienced of coming neat enough to obtain the slightest hope of shooting them. It is even feared they may be injurious to the fisherics of this locality; and, it is asserted, that the scals seen in the Ristigoucle, up to Pointe Lagarde, went there to follow salmon and trout The experience of a few years more will show us if these suppositions are well founded or not:

At 2 p.m., we left to go up the river, and at $6 \mathrm{r} . \mathrm{m}$., we anchored opposite the Indian Mission Church. On the following day I visited that part of the river betweenthe place Where we were anchored and the first istands, and fond a great number of nets, all very long, and for the most belonging to fishermen, and setin New Brunswick waters, where, unfortunately I can excrise no junsdiction. On our side there are only three salmon
nets, belonging to Mr. Robert Busteed, The New Brunswick nets do not precisely bar the channcl of the river, on account of the current being too strong for nets to be set there, but they obstruct it to a considerable extent, and too much so. It is to be hoped that the commission uamed by New Brunswick to regulate and protect the fisherics of the Restiguache river, will see the necessity of diminishing the numbers of nets which must now in this place, where the river is already narrowed by many islauds greatly impede the ascent of saluon from the sea towards the upper part of the river, where they go to spawn. Indeed, a little above Mission Point, as far as the second island up the river,-that is to say, in a distance of about three miles, or a little more perhaps, there are 10 large nets, of which three are on the Cinadian shore; cvidently, it is a great deal too much in such a short space, and if this state of things is allowed to contiune long, in spite of all our endeavors to protect salmon in the Metapedia river, and on our shores of the Restigouche, no good results will be attained; and this magnificent river, iustead of having its fresh and clear waters abundantly stocked with a kind of salmon so noted for its size, will share the same fate as our central rivers of Canada, formerly so renowned, but where now so few salmon are seen.

I have made a plan of the Restigouche and of the lower part of tha Bay des Chaleurs, upon which are indicated, as nearly as possible, all the fishing stations. By referring to it, it will be seen, that on the New Brunswick side from Black Point to the second island above Mission Point, there are 39 salmon nets, of which 22 art helow Dalhousie, and consequently towards the sea, and the others in the river. On the Catoadian side, there are only 10 in the river, and 12 in Garleton Bay, from Maria's Point to Point Maqusha; and not a single net on the Canadian shores is set contrary to law. By referring to the nap above mentioned, any ouc mill perceive the injurious manuer in which is conducted so precious a fishing, which ought to be preserved at any cost. I would also bring under the notice of the Government, and of the New Brunswick authorities, the illegal destruction of salmon in the Restigouche and its tributaries, a great deal below high-water mark, and entirely in contravention to the laws, cither by setting uets during the night in channels which are easily barred, or by using spears or other implements to catch salmon.. The protection of the saluon fisheries in this river requires a great many more officers than there are now on the New Brunswick side ; and it is to be hoped that the local authorities, to regulate and protect the fuvial fisheries, will not fuil to fulfil what I consider their positive duty; that is to appoint competent and active officers to sce that the law is everywhere observed, where it is now violated with impunity.

From information received in the Ristigouche, the beginning of salmon fishing would induce the expectation of good results, especially on the New Brunswick side, although it was observed that the fish was Jate to leave the sea.

On the 26 th, at 9.15 A.m, the schooner left Mission Point, and after visiting Cross Point, Dalhousie and Maguasha, we anchored at Carleton on the morning of the next day.

I was soon met by Mr. Cook, Fishory Overseer at this place. He reported the herring fishery as successful on the coast of Maria, whilst at Carleton it had produced but ordinary results. Besides, the fishercaen did not fish much for herring, on account of the low price realized, barely giving any profit to put into barrel for export.

After delivering fishery licenses at Carleton, I gave the order to start at 2 P.m., and on the 28th, at eleven in the morning; wewere at Paspebiac. There wore two new arrivals in this port since our last visit. Everything was quict. We were detained there till the afternoon of the 30 th, on account of repairs to our foresail, which were being made aغhore at Messrs. Roblin \& Co.'s sail loft. We started for Port Daniel, but on account of the calm weather and east wind, could not reach this place before the next day at 9.45 A.m. Two schooners engaged in the fish trade were anchored in the harbour.

According to the information received from. Mr. Phelan, the fishery overscer at Port Daniel, up to this time salmon fishing had given excellent results, and had indicated a catch double that of previous years. There had been no contravention to the Fisheries Act in his division.

On the shores of Port Daniel and neighboring coasts, cod fishing was successful enough, but bait was berinning to get searce. Fishermen had also remarked a great quantity of cod-fish on the renowned bank of Micou.

In the evening we left for Little Pabos, where we anchored at daylight next morning.

The fishery overseer being absent, his brother, Mr . Thomas Remon, undertook to deliver to the fishermen whom I could not see, the salmon fishery licenses of "this division.: Reports on the cod fishery of this place were favorable.

We left at 10 a.m., and in the evening we were at Perce. There were six schooners in the harbour', I made my usual visit to the fishing establishments; and found every thing in order.

On the 3rd of July, left Pereé, at' 4 a.m., and at 11 a.si., anchored in Gaspe basin, where I took on board the anchor and chain which Messrs. Babineau \& Gaudry had sent to replace the oue we had lost at Point de Monts. Since our last visit to Graspe Basin, the whale boats had goue to sea; the other fishiug vesiels, had left for the north shore, and the barbour was nearly empty, Salmon fishing in the neighboring rivers mas good, and superior to that of 1862 .

On the 4th of July left at 4 A. ar, and with contrary wind touchedat Grand Grieve at 1 p.3s. I there saw the principal proprietors and heads of the fishing establishments. They had nothing to complain of. Cod fishing in the bay was good, buis quite the contrary at Cape de Rosiers, Grifon's Cove, and Eox river, where col, and especially bait were failing.

At 2 p.M., we loít for Point St. Peter, where we anchored at 6 m.an. At this place I visited the fishing establishments of Messrs. Collas, Fauriland MeBeth, aud found a greater number of schooners than last year. Cod fishing had been successful since the spring, but bait was beginning to be searce since a fer days, and consequently our fishermen could not continue their labors with as much chance of success as before ; cod fishing being successful only when there is plenty of fresh buit to put on the hooks attached to the lines.

It is known that the bait first used in the spring on the shores of Gaspe, is the herring, and then caplin. But this last fish was searec this year on the const.

At 10 p.a., we left Point St. Poter for $\&$ nticosti, and in the afternoon oi the next day we anchored at South-West point. After haring deliverell without delay salmon fishing licenses to Mr. Corbett, for the rivers leased by him on Anticosti lesland, we left at 5 p.in. for Jupiter river, where wo arrived at 7.15 P.M. I immediately haled and found that the nets of a station were set contrary to the Fisheries Act. On the next day I condemned the violator of the law to a fine and confiscated his nets. Fishing, was excellent in the river.

At. 8 A.m., having returned on board, we started. It was blowing only a light breeve but a heavy outside sea cried our masts very much. Towards the evening the east wind having set in, we were enabled to steer towards the uorth shore. At 10 A.s. we passed the lighthouse off the west point of the Island of Anticosti, and on the next day a little after two o'clock in the afternoon we rere at' St. 'John's river.

Ifound Mr. Joseph Beaulieu at his post. Two complaints were laid before me for desertion of service; the accused were summoned, and on proof, condemned to pay a fine, which both did at once. O. . the bank of the River St. John we found four schooners engaged in the cod fishery, which had not been good up to that time. As to silmon fishing, without having been positively bad," it did uot seem to have been as good as last ycar. There were in the river two schoouers from Canadia, and two curters from Dalhousic, engaged in the cod fishery.

At 1 r.m., having concluded all the business requiring my presence at St. John, we set sail, but the calm weather soon obliged us to re-anchor uearly at the same place we had left; and it was only on the next day that we were enabled to reach Long Point. I visited the establishments, and found everything in order. Unfortunately, fishiog, which had just begua, did not promise well; cod-fish was very scarce, and it was necessary to go far to catch it; bait, was abuudant:

At aight we anchored in Mingan harbour. I delivered to Mr. McTVatt, the Hudson's Bay Company's agent at this port, liceuses for the greatest part and the best of the salmon fishing station of the seigniory of Mingan, under lease to the company. I toyself licensed directly the smaller stations to those occupying them.

On the 10th, I visited Romaine river, and found all the salmon nets in order. Fish: ing was tolerably good.

Salmon abounded in Mingan river. Mr. Bruce, one of the lessees of the tyy fishing division of the river, laid a complaint against an Indian named Jean France, for having
set salmon nets in Mingan river. The Indian being absent, I consequently could do nothing tor the time. The fishery overseer, Mr. Joseph Beaulieu, had come to arrange this affair which had occurred about a fortnight before my arrival.

Whilst"at St. John's river, on the 7th July, the officers on boud found that a large splinter lad fillen on deck from the main-mast, under the cross-trees. The carpenter was immedialcly called to visit the masts, and he was soon convinced that the whole top of the main mast was dry-rotted. Suspectiug something similar with reference to our mizzen mast, he was sent to examine it, and we were not mistaken; it was also affected by rot, but not so much as the main-mast. We were in a critical position; the masta were too bad for our full"servica; we were thus obliged to return to Quebec to get new masts to the schooner, for, oin the shores of Gaspe, and even in the Bay of Chaleurs there was no timber of a sufficient size for our main mast. Still, I had not closed my first visit of our shores, and to go away without having done it, was to leare without organization and protection, important fisherics on an extent of coast of nearly 300 milcs. I, therefore, consulted with my captain, and we decided to dismantle our two top-masts, and to sail with great care; sheltering ourselves in harbours when bad weather threntened. By this way, we were enabled to procecd on our journey.

On the afternoon of the 12th of Juiy we went to Esquimaux Point, and strengthened our main mast, so as to make it surer, and to prevent all danger of its falling upon our heads daring a storm.

The village at Esquimaux Point, which was founded only five or six years ago, already possesses a population composed of seventy-five families, estimated at nearly six hundred souls, and has a charch, presbytery, and resident priest; it is located on a fine sandy beach of over a nile in length.

Its population is entirely co uposed offishermen, having thirteen schooners (the names of which will be found below, with also the quautity of tish taken by cach), and they are engaged in cod and herring fisheries, and in seal huntiog on the ice, during the spring.
Iist of Shooners and No. of Seats taken by the Lnitabtrants of Esqumaux Point, in 1863.


This village has increased cvery year since its establishment, and its inhabitants have been enabled to carn large profits in the different kinds of fisheries pursued by them; some have even made little fortuncs. Unfortunately, this era of prosperity has been checked this year, by the poor results of the spring seal hunting, and by the failare of cod fishing at the spots usually frequented by these fishermen,-that is to say, Natashquan, Kegashka, and other places more to the cast, from whence the schooners brouglit back only about the fifth part of a ordinary citch.. By comparing the list of schooners engaged this gear in seal hunting with that of last year, it will be fouad that the proluct is about onc-third less.

This poor success in such an important branch of industry must be attributed to the same causes which prevented the Magdalen Islands' schooners from succeeding in similar expedi-tions,-that is to say, rough reather, great colds, and the currents which heaped upthe ice too much.

We left Dsquimaux looint on the morning of the 16 th; at night we wore off Coraeille river," but"could not enter it on account of the rocks. I handed the fishing license of the river to 3 fisherman "whom I met in his boat. We then continued on our route, and on the next day, after having callod at Nabatippi river (where I found a schooner from Point Levi engaged in the cod fishing, which had been very good up to this time, compared to the neighboring places), I went to A gwanus ricer. I found all the nets in Nabitippi and"Agwanus rivers set according to larr. On the 18 th I visited the cod fishing establishments at Natashquan, and was much disappointer at finding so small a quantity of fish on the flakes. There was not a single fishing schooncr in the harbour, and I was informed that cod-fish was rery scarce on the banks of Natashquan, and that hardly any fishing could be done on account of the scarcity of bait." $\Lambda$ great number of schooners from Magdalen Tglands, Nora Seotia and the United States hiddarrived in the spring but had soon left for the Striats of Belle Tsle, in quest of better luck. The fifty boats belonging to Mr. de Ja Parelle, and those of other sumaller establishments, had not made more than half an ordinary catch; althongh the lishermion, especially thoye from Gaspe, had worked hard and perseveringly.

For a fow days herring had been seen in the bay; and it was expected that by using this fish as bait, the fishinge would improve. Quictness and order had not been disturbed at Natashquan. During the afteruoon I. went to the river. The lessee of the salmon fishery of this magnificent stream bad closed his fishing a few days before, and had left for Gaspé. There was only one net in the river, and it was to be taken up shortly.

Quigley had not fished above high water mark, as reported. Having been told that the abore-mentioned party had set a net at a distance of less than 200 yards from another, I enquired into the facts, but having no proof of his culpability, I acquitted him. I was informed that the lessec of the river had himself been guilty of this infringement of the law, and $I$ intend to have hiun summoned before me as soon as occasion will permit.

Stanley and Quigley are reported to have taken abont 290 barrels of salmon in Natash Guan river: I was informed that the gentlemen fishing with the fly in the upper part of the river, at the first and second falls, had already found good sport, and had been amply repaid for all thoir tronble, and the expenses incurred to reach a place so distant from Quebec. At Natashgum, and in the neighborhood, there was no infringement of the latr mentionch.

Towards the erening we lelt that place, and anchored opposito Kegashka river. I found the nets all set according to the regulations; unfortunately, the fishing was very poor. Salmon had appeared but very late in this pretty stream-the first fish was caught on the 12th of July, and just at the close of the fishing in Natashquan river. "Whese facts are worthy of notice, since the distance between these tro rivers is only 18 miles at their monthe, and ouly 11 miles at some distatace inland. On the banks of Kegashka cod fishing had not been more successful than salmon tishing. and this, as at Natashcpuan, was attributed to the scarcity of bait. We found tro schooners from Nora Seotia, and one belonging to fishermen of the locality, engaged cod fishing, but with yoor succoss.

During the afternoon, an easterly wind, followed by fog, which lasted till the 23rd, compelled us to remain in the harbour. The wind haring changed, we went to Washshoecootai river, which I visited to the first rapids. Up to this time Mr. Blais liad caught only cight barrels of salmon ; the first fish being caught on the 30 th of June, and the second only on the 18th of July. It will be seen that salmon was as late in this river as in the Kegashka, and scirce. This run of salmon, at such an advanced period of the season in the Washsheecootai, and some other rivers of this part of the shore; is to be remarked and must partly be attributed, I believe, to Jate springs, occasioned by the immense quantity of floating banks of ice in the Straits of Belle Lsle, during the months of May and June, and eren in the beginning of July, and partly to the great scarcity of small fish, such as caplin upon which salmon feed on the neighboring coasts of thesc rivers; so that salmon were obliged to look for their ordinary food far from the places where it is usually found and from the rivers they generally frequent. This is one of the prinoipal
reasons why one river may yield very much one year and barely nothing the following one, when it is taken into consideration that the quantity of salmon contained in the waters of the sea and in the rivers of these places cannot vary very much from one year to another. Thus, when it is said that the fishing has been bad or good, in one or many rivers, this does not necessarily imply that, since the preceding ycar, when the fishing was good, salmon has decreased by any considerable quantity; but it must be rather understood that it is on account of the influence of the temperature of the water, the winds, the curreats, the tides, which have been more"or less fayorable, and which are not the same every year, that salmon fishing may during one jear produce much, and in the other little. But one thing must not be lost sight of, it is that with the restrictions such as are imposed on the salmon fisheries, the sparning fish must increase cach year, and our shores and rivers must feed a greater number of them from yoar to year.

Mr. Blais, the lessee of Washsheccootai river, remarked that the fish he had enught were smaller than those of previous years.

At 1 p.an. I returned on board, and"we left for Treble Isle, where we anchored at $: 3$ 1.M. From thence I went to Olomanoshecboo, or Lomane river, and ascended, in spite of a strong wiad, ucarly $u_{p}$ to the first falls. The nets had just been taken up; salmon fishing was over, and hitd yielded only ten barrels. On account of the high wind and the late hour It could not proced" to the residence of Mr. Métivier, lessee of the stream. I expericaced a good deal of trouble on returning on boarl, for we had to row against a strong wind and very heavy sea; and we left for Coacoachoo, where we anchored the next day at 10 A.m. II wisited this curious river, altogether formed by a chain of lakes joined by pretty streaus, and gave a liccase to Joseph Aube; he had caught ouly one barrel and a balf of salmon. I will remurk here that, although there may be a great cquatity of salmon in Coacoachno river, on account of the stroen currents felt as much above as belorr, and the great number of rocks in the bottom, it is difficult to catch salmon in it ; for it is not easy to set nets advantagcously, and Mr. Aube can never fish the river in a remunerative way. It is true that formerly this river yielded as much as 30 barrels of salmon every year, but then brush nets were used, which barred the river from one shore to the other, and no fish could escape; but I have pat a stop to this destructive mode of fishing long ago.

Coacoachoo rirer is besides celebrated for its fine and numerous trout, which, unfortunately, must destroy a great quantity of salmon spawn and fry, of which they are rery fond ; especially one kind which sometimes fights with the salmon for those delicate morsels: which the pale fish are charged to protect.

On the 25th I visited a fishery occupied by Gilbert Jones, at Manswash, where he had taken $8 \frac{1}{2}$ barrels of salmon.

On the 26 th and 27 th the wind from the south, and a thick for, prevented our departure. On the 2 Sth-westerly wind and fine weather-we set sail at - A.m., and about 12 entered Wapitigon harbour. I spent the remainder of the day in visiting Etamamu river. The lessee, Mr. Blais, had taken but 12 barrels of salmon; the first fish was meshed only on the 15 th July. Since if fow days, salmon had been abundant in the river, and there had been taken as many as one huadred in" oce day; but as the time of the fishing was drawing to a close, it could not be cxpected that it would exceed 30 barrels, and this was very little for so fine a river as the Etamamu. Wut there is no doubt that when the nete are taken up, the fish contioue to ascend the river for afer weeks more, and the results will be a more specdy re-stocking of this river, which, for one reason or another, that 1 cannot explain, as Mr. Blais does not use too many nets, does not yield much since a few ycars, and even seems to decrease. Perhaps the Indians, by spearing salmon in the interior, are the cause of this decrease.

Cod fishing had been very bad in the neighborhood of Wapitigon, and I saw no fishim:schooners. We left this place on the morning of the 29 th, and we arrived at Jittle Meecattina a little after noon.

Salmon fishing was of no importance this ycar, and cod fishing had entirely failed, especially on account of the searcity of bait. Only a fer seals had been caught last fall. We were detained at Meccattina during the whole afternoon by fog, and it was only on the next day, at 9 A. M., that wo arived at Whale's Head. The same remarks apply to this place as to Meccattina, indeed the salmon fisling yielded but 94 barreis. Charles Bilo. deau had been more successful on the adjoining islad, and had caught 10 barrels. The
cod Gshiog of thisplace was the worst ever secnby Mr. Michael Kenty-a 40 yoars resident on the coast-and the following is the result of the fised seal fishiug of the previous fall:Michael Kenty had caught 80 , and Charles Biloden 139.

At 4 r.m. we started for Blanes Sablons with a five south-west breece, but the wind soon turned cast, and we were obliged, on the evening of the next day, to cater Bonne Esperance harbour. Off this place we met with a herd of whales, composed of about tweuty of these cetaccous animals ; and a whale boat under command of Capt. Suddard, was pursuing then. During the day the two boats of the schooner could not come near a single one, but we were since informed that they had been more suecessfal towards the evening, :ud had succeeded in harpooning a middlesized huach-back whale. Captain Suddard had killed only 3 whales, which had furnished altogether but 1,140 gallons of oil, and the six other captains from Gaspe engaged in whale fishing, had not been much more successful than him. 1 tlatest dates, Capt. Stuart liad 3,600 gals. of oil; Capt. Tripp, 2,400 gals. ; and Capt. 33aker, 2,700 gals. Capt. Davis had Filled two whales, but it was not yet ascertained what quantity of oil they had furnished. The best time for fishing was over, and they did not expect to do much from that date to the end of the season, that is to say, about the beginning of Scptcmber:

The fishing, to be productive, shomld have returnal from 5,000 to 6,000 gals. of oil for cach woat.

This falure of such an important branch of industry to the population of Gaspe is attributed in the first instance to the reduced number of whales, having frequented this year the shoals catending in the Straits of Belle Isle, from Grand Meccittina to St: Johu Islands, on the const of Newfoundland. Our whalemen seldom wet more than 30 or 40 fish, and the greatest number of the whales which were killed were so lean that they did not furnish a large cquantity of oil; which would lad us to beliore that they did not find in the places visited by then during the season sufficient food, which cousists, as every one knows, of prawns (crustacea of the family of salicoqua) which are very abundant in our waters, either near the shores or in large shoals; and also of little fish. And one may inagine the enormous quantity of food requircd to satisfy their voracions appetite. We found but one schooner at Bonnc Esperance, and not"a single one in Salmon Bay; this showed at once that cod fishing had failed in these places.

Mr. Chevalier had taken, 60 barrels of salmon in St. Paul's river. The first fish having been caught on the 6th of July, and the netstaken up on the e5th of the same month, the fishing had consequently lasted but 10 days. But the run of salinon must have beeu very great in the river, for Mr. Chevalier took 207 in a single day. These fish were of an ordinary size, but not as fat as usual. Salmon fishinctalong the shore had been more productive than that of last gear, and land yiclded $5=$ brriels, in the neighborhood of Some Biperance and Satmon Bay. The same thing may be said of the places called Five Leagues and Middle Bay, where the catch had been about 22 barrels. Salmon had been observed in the sea up to at very adranced period of the season.

To retura to cod tishing, I mast say, with regret, that the schooners of the above named places had not taken an average of more than 30 guintals," which was insufficicnt to repay the cost of uutfit and oxpenses of the crow.

On the 2nd of August, at 9 A.M., wo left Boanc Disperance (a thick fog which set in during the night having prevented us from doing so sooner), and on account of calm: weather duving the afternoon, the sehooner arrived very late in Bradore Bay. At. 7 par. I cmbarked on board my canoc, and visited Anse des Dunes, where Mr. Labadio had taken this year only 15 sealsin his scdentary fishery; he had been prevented by ice from setting "nets early enough to take advantage of the run of seals at the opening of the scason; besides having had then broken many times after they were set. The ice had never been known to remain so late near the shores in the Straits of Belle Isle, nor to occasion so much loss to our fishermen.

On the 3rd, accompanied by my clerk, Mr. Ietu, T visited the fishing vessels then 1 a Bradore Bay, and to show what success they had had in cod fishing since the springs I give below a list of all the schooners, the number of men of cach, and the quantity of cod. fish taken at the time of my visit:-

Number of Schooners encaged in Herring and Cod Fisheries, being in Bradore Bay on the 3rd August, 1863.


The abore table will show that the schooners which succeeded the most in their fishing, did not catch orer 133 quintals of codfish, while the less successfal had hardly taken from 8 to 10 quintals; qiving for all the ressels an average of 58 quintals. The failure of such fishery on the northorn shore of the Strait of Belle Isle; is thus clearly proved, and the small profits derived to enable the vessels to pay the cost of outfit and expenses, will be a cause of distress to many familics who depend upon the product of the fisheries for a living, especially the fishermen from the Gut of Canso, and from other parts of Nora Scotia.

Fortunately for these poor fishermen, herring, that mataut of the poor inhabitant of the northern shores of Europe, as well as of those of our continent, had appeared since $\pi$ week, and though small, promised to be abundaut; already there had been taken in the seince many thoumnd barela of this excellent fish. On the day of car yisit, there reve
five seins set in the bay and each of those contained from 500 to 1,000 barrels of herring, which could be secu swimming in every direction. No less than 100 boats were engaged carrying loads of them on board the vessels, where trork was going on the whole day, and very often during the night to prepare all this fish and put it in barrols. It is well known that the fall Labrador herring, on account of their being very fat, require to be put up with great care and to be well salted.

Besides the above-mentioned schooners, there were iu Bradore Bay 7 small French fishing schooners, engaged codfishing on our shores since a few days. This being forbidden by the treaties, I ordered them to leave, which they did on the next day.

Shortly after, we left for Blancs Sablons, and in the course of the afternoon I visited the establishments at Long Point, where I definitively settled a dispute between two fishermen relative to the boundaries of their beaches.

On the crening I went to the foot of the bay, and had the pleasure of meetionthe French war schooner La Faucte, Commander Cossé, of the Imperial navy, which was engaged in the protection of the Jirench fisheries on the shores of Newfoundland. He was paying a visit of amity to our shores.

I will remark here, that besides this, there is another schooner, La Mooche, and tro steamers engaged in the protection of the French fisheries of Newfoundland, on an extent of shore barely cue half of the Canadian fishing shotes.

Mr. Cosse informed rive that cod.fishing had been very bad on the north-east shores of Newfoundland, as well as on the eastern shores of Labrador, from Red Bay towards the north; and great destitation is apprechended in these parts during the ensuing winter.

This unfortunate state of things was again owing to the ico, which had remained along the shores till the beginning of July, and not only had cod fishing been affected by it to a considerable extent, but even many vessels bound to Newfoundland had sustained heavy injuries on ice-banks, and, amongst others, three had been smashed and sunk, one of which belonged to Mr. Robinot, of Kirpon, who had shown so mucli disinterested zeal to help us last year, when the Nopoleon IIT. ran aground at the entrance of this harbour.

On the 5th I visited the fishing establishments of Messrs. LeBoutellier Bros., on Isle it Jois, and those of Eruing \& Co., at the foot of the bay, where I was surprised to larn that on the 20th July hast, two armed schooners, cmployed by the Customs of Newfoundland for the protection of the fisheries ou the coast of Labrador, which is under the jurisdiction of this province, had anchored at Blanc Sablon. Justice Beujamin Sutherland was on board one of these schooners, and Mr. J. Winter, Collector of Customs, on the other.

The last named geatieman went to the above establishments, and uotwithstavding the refusal of the agents, in the first jastance (by reason of these establishments having to this date being recognized as being on Canadian territory), he succeeded to collect custom dutics on the goods then in store :-£17S 4s. Sd. stg., at Messrs. LcBoutillier Mros' cstablishment, "ind 40 O O. Bd. ste., at that of Messis. Fruing $\& \mathrm{Co}$

I was, moreover, informed that dues had been collected on empty barrels, intended to be filled with fish, aud on salt on board the Canadian, and other provincial schooncrs, anchored in blanc Sablons bay. In my quality of customs officer for these shores, I have reported to the Commissioner of Customs', for the information of His Excellency the Governor General, all the circumstances relating to the acts of anoficer of the government of Nowfoundland at places which, according to a diagram furnished to me by the Board of Public Works, through the honorable the Provincial Sccretary of the province, are cntircly inside of our Custom boundary.

We found 118 sehooners in Blanc Sablons bay and at Crreen Island, crigaged in the heriug fishery, which was abundant, altiougl the fisk were generally small Cod fishing had not been geod in the above places, and had begun very late.

Mr. Jo Boutillier of Isle in Bois, laid a complaint before me to the effect that about twenty of his nicn were refusing to continue cod fishing as they had agreed with him, under the pretence that the tishing was not good enough. Having met them. I explained to them all the obligation under which they were to falfil the terms of their engagement, under the penalty of a finc. Mr. Ie Joutillier told them that he would not detain them more than five days if the fishog did not inprove; upon this, they put all their boats to seandrwent on with their work to the great sitisfaction of the hend of the establishment.

On the 6th of August, having closed all the business pertaining to my service at Blancs Sablons bay, wo weighed anchor to steer towards the western part of the shore, but being hardly off Brulée Island; were obliged by the forg to spend the night in the ncighborhood. On the nest day, with finc weather and favorable wind, I was enabled, with the aid of my clerk, Mr. Têtu, to visib Lizotte's fishery, Dog Island, Bay of Rocks, and Nabitippi river, where we were informed that salmon fishing had yielded more than during previous years. No infringement of the law had taken place.

On the 8th, stopped at Clicataca, Canso harbour portage, and arrived at night at St. Augustin. In all these places, salmon fishing had been more productive thau before, especially at St. Augustin, where the two Kennedy brothers had caught nearly 100 barrels of salmon.

From Bonue Espérunce to St. Augustin, cod fishing had been bad, and few fishing schooners had visited the ports between these two points, some of which are important.

A strong westerly brecze, accompanied with fog, detained us at St. Augustin till the morning of the 11th, and oren then we left with head wind, west-south-wost.

At 8 A.m., I stopped at Pachachoo, at 12 at Kilkepoë, and at 2 ram. at La Tabatièrc, whilst the schooner proceeded to harbour in Mutton Bay, and I visited the ports from La Tabatière to that harbour.

Nearly everywherc, I hoticed an improvemont in saimon fisheries over last year, but it was quite the contrary for cod fishing. There were not any complaints made against the infringement of the fishery lars.

On the 12th, I sent my Clerk to visit Grand Meccattiai river, and collect the arrears of rent due by the lessee; Mr. Tètu performed this duty well. In the morning we had rough weather. Meccattina river had produced 22 barrels of salmon.

Cod fishing had entirely failed at Mutton Bay and in the neighborhood, ana the resident fishermen of this Flace, who mostly depend upon the results of this fishing to furnish food to their families, were in the poorest state, some of them being actually without food, and I was obliged to make a small distribution of meat among three families who had none whatever, and could not get it on the shore ; there was also no fishing then, herring having not yet been scen.

Some Indian families whom I had met with at St. Paul's river, two weeks before, were in a similar precarious condition, and werc nearly starving. Mauy of them asked to be allowed to eat on board, after having been more than a day without being able to get any food; thero is no use saying that I considered it my duty to help, as they deserved, these poor unfortunates who cannot expect much assistance from the white population settled on the shorc.

At 11:A. m., we left Matton Bay with a favorable south-east breeze, which, however, shifted to the west and became contrary; so that during the afternoon, the sea gettiing heavy and the wind strong, we dropped at While Head, near St. Mary's Islands; and the same wind lasting all the while, we remained there on the 14th and 15th.

On the 1 16 th, the wind veered round to the north-west, and wo left. But before noon; it blew again from the west, and we were obliged to enter Coacoachoo harbour abont: 2 r:m. Two whalers, bound like us to the west shore, soon joined us.

On the 17th, same wind ;'and I took advantage of this foreed stay to ascend Coacoacho river higher than $I$ had yct doue. I went to a lake about three miles above thie first, called Lake Sale, where I found a great quantity of trout of the finest kind; neither the salmon nor the trout find any difficulty in reaching the lake, which is very picturesque; and its waters very clear, being the best for the depositing and hatehing of their spawn.

On the 18th, at 4 A.Mr., we left Coacoachoo, and with a fine I.S.E. breeze, we reached St. Charles harbour on the 20 th, at noon, in spite of the fog and contrary wind which occurred on the 19th.

On the nest day we entered Esquimaux larbour, reached Mingan on the 22 nd, and the same evening anchored at Jong Point. Since my last visit to these places, during last month, nothing worthy of remark had occurred ; there was however an improvement in the cod fishing at Long Point.

On the 23 rd I visited St. Sohn and Magpie rivers, and found everything right, cod. fishing was also better than last month.

On the 24 th I stopped at the fishing posts Betreen Magpic and Thunder rivers, and
reached Shelldrake torards the evening; but the cast wind which was blowing since about 2.P.M., soon became a storm, and raised such a sea near the shore that we were obliged to run before it. On the next day the storm abated, and the wind having shifted west, we anchored at Piver Moisic.

To return to the posts which I had visited on the previous day, I have only to say that the fishing had been good, especially in Magpie Bay, where the most fortunate boats had caught from 100 to 120 quintals of codfish. This is a proof that codfish, caplin and launce (these two last kinds of fish are used as bait), had been abundant.

During my visit at Thunder river, two complaints were laid before me for damages done to buildings; I settled the cases; and the injured partics received a suitable indemnity for the losses they had sustained.

At Moisie river I saw the overseer, Mr. Godbout, who told me he had no complaint to make of any infringement of the fishery laws. I visited the establishments, and found everything in order. Salmon fishing which was closed since about a week had been good rithout having been quite so productive as last year. Mr. Holliday had caught for his share from his stations in the river and at. Wood Point, 430 barrels of salmon, Mr. Porlier 35, and W. W. Chisholm 17.

Cod fishing, which had brought more people than before at Moisie, had not even been equal to an average fishing, and the schooners had not more than 60 quintals each. They would have required nearly as much more to make a profit. The failure of this fishery must be attributed to the small quantity of codfish having visited the banks of Moisie this year, and also to the great difficulty the fishermen had tin getting bait. Still, since a feredays, the fish were more easily caught off the river, and it was hoped that the fall fishing, which was on the eve of beginning, would be better.

In virtue of my charge of magistrate, I gave judgment on a complaint brought against a party for having sold intoxicating liquor without a license; the offence being duly proved, I condemned the defendant, according to the Act 23 Vic., chap. 6, to $\$ 85$, payment of a fine and costs, which was paid at once

Since the passing of this Act I have becn determined to have it enforced on the shores which J visit each year; for the sale of intoxicating liquors, without any official supervision, has the worst cffect on the morals of the fishermen, and is most injurious to the fishing industry; I was then pleased to seize this occasion to inflet a well deserved punishment, which, I hope, will prevent other parties from doing the same thing on the north shore. Many complaints for desertion of service were laid betore mo, but as the guilty parties were absent, I could do nothing for the time.

On the evening we left Moisie, and arrived to Seven Islands the next morning. I caused the repairs done to the residence of the Collector of Customs at this place to be examined, so as to report to the Board of Public Works, and after having seen the few fishermen who were still there, at 11 A.M., I gave orders to start for Quebec, with an E.S.E., wind. A thick fog soon prevented us from seeing the land, and as it did not clear away, we were only able to know on the next day at 5.30 x.m., where we were,-that is to say, opposite Tartigo, on the south shore, between Matane and Métis.

On the morning of the 29 th an ebb-tide and calm weather obliged us to anchor opposite Isie aux Pommes; but at' 9 A.M., We pursued our way with a north east breeze, and'on the next day; in the morning, a strong westerly wind again obliged us to drop anchor opposite St. Jean PortJoli at ebb-tide, after having had our flying gib tornand one of ourmizen masts broken by the rolling of the sca. We repaired our injurics; and tith the rising tide, at 3 r.m., set sail and kept tacking to Crane Island, where we anchored at 8.30 p.m:, at low tide. A little after the north westwind having set in we started, but calm weather obliged us to drop anchor again, half an hour afterwards.

On the 31 st, at 3 an., we left, and the wind being still aliead, we tacked till we reached St. Patrick's Hole, where ebb-tide obligedus to anchor; the following rising tide bringing us to Quebec at 7 pis:

On the next day I transmitted to the Honorable the Commissioner of Public Works a report of my cruise; to explain the reason which had brought us to Qnebec, in the midde of the season, that is, the necessity of having ner masts made-the old ones which lasted since $7^{\prime} 852$ when the schooner was built, being rotten, and consequently of no use

The Honorable the Commissioner gave necessary orders to Mr. Buteau to have esti-
mates made of the cost of new masts and new shrouds, the old ones haviug been condemned.

The work soon began on board Lo, Canadienne; but, some days being lost in finding spars of the required dimensions, and it being neccssary to have cordage made for the shrouds, moreover a good deal of work having to be done, she could not be got ready to put to sea before the 28th of September.

On the day following the last mentioned date the schooner left the Harbour of Quebee, with a light south-west breezc, and dropped anchor to St. Denis wharf at 11 p.3s. Wo Weighed anchor on the 31st at 11 A. M., and on the morning of the 1st of October we were off Mille Vaches bay, when the east wind obliged us to anchor under the lee of St. Barnaby 1sland. My forced stay in this place gave me an occasion to risit Rimouski river, which [ ascended to Mr. Price's mill-clam, and I inspected the migratory pass built last spring by George Sylvain, Esq., M.P.P., on a plan suggested by me. According to information received from Mr. Sylvain's brother, and other people in the neighborhood of the dam, a great number of salmon and trout went over the pass without any difficulty, there having been since the spring a sufficient quantity of water to allow salmon to swim up it. The waters of the river, checked by the dam, have formed above a splendid basis of clear water with most farorable spots for the depositing and hatching of salmon and trout ora. Three miles above there is another mill-dam, belonging to Mr. Hudon, and a quarter of a mile further up there are seven steep falls which neither salmon nor trout can ascend. There is no pass at this last dam, and it is not deemed necessary to have one, there being no favorable spots above for spawning beds.' Having been unable to visit the place I cannot speak of it from personal obserration, but I expect to be able to do so next yoar, and I will report on the matter to the department.

Net fishing, in the Rimouski river had failed, whilst outside it had been better thia for many years; and the fishermen saw in the increase of such an important kind of fish the advantageous results of the fisheries protection scrvice. I must not omit also to mention the zeal and intcrest shewn by Mr. Gcorge Sylvain towards the well-doing of the fisheries of the provincc, and the great service he renders to the River Rimouski in particular, by continuing to lease it, with scarcely any profit, but with the intention of preserving the salmon and trout fisheries, and protecting then against intending depredators.

On the evoning of the 2nd of October we left with a light south-west breeze: On the following day the north-east wind arain blew, and on the th we were obliged to anchor opposite Bersimis river. I landed and proceeded to the Indian settlement of this place, where I learned from Mr. Fortescue, agent of the Eudson's Bay Company's post there, that the Indians had taken in the rirer, with nets, about, 25 barrels of salron, and six only with spears and fiambecux; but they had been only below the sparning beds. I found but few Indians at Bersimis (all the others haring gone to the woods to hunt), and not one of those against whom I had warrants did I sce.

I remarked, with plensure that, thanks to the zealous care of Father Oblats, the Indian post at Bermimis was in a decided state of progress. The fragile birch bark hats of the natives were disappearing to be replaced by solid wooden houses. Some of them, without however relinquishing their favorite labors of fishing and hunting, attend by degrees to the cultivation of the land, and succeed in growing some potatoes and other regetables. They even supply themselves with cattle, which they mill find no difficulty to feed, on account of hay growing in abundance on a large extent of land on each side of the river. With the resources of the culture of some tracts of land, joined to those of the fish and hunting, the Indiaus of this place ought not to be in future so exposed to distress; a result which follows the fallure of the winter hunt and seal fishing of summer.

Whilst in that neighborhood I intended to visit the western shore of the peninsula of Manicougan, where complaint had been made against a woman accused of having assailed and wounded a man with an axe, but a thick fog which set in did not allow me to do it.

On the 5th, at 9 a.3., wind being south west, we started for River Godbout, where we arrived at 6 P.M. Mr. Antoine Blais, with whom I communicated at once, told nie that salmon fishing had been excellent in Godbout bay, and that he had cauglit 20 barrels for his share. Cod fishing had entirely failed for want of bait. Only a few mackerel had been seen near the shore, and only one American schoner visited the place, but did not fish.

I delivered to Mr. Blais the provisions and ammanition intended for the relief of the Indians of this port.

On the 6th I visited Point des Monts, Trinity, Pentecost river and Ragged Islands. Everything was in order in all these places. In Pentecost river Ifound 7 vessels (schooners and others) engaged in cod fishing, which had been abundant during the season, but was beginning to fail. At Ragged Islands the eod fishing had been an average one.

On the 7th, a little after noon, we anchored in the Bay of Seven Islands. We remained there till the 10 th, prevented from going out by ersterly winds and fog. On that day we tried to reach Moisie but were prevented by "a heavy sea and wind, and we returned to Seven Islands. At last, on the 11th, the weather being fine, we anchored near the mouth of the River Moisie at 9 a.m. Four vessels were in the river, a brigantine and three schooners, loading dried codfish for export. Nearly all the fishermen had left the establishments,' the fishing season being entirely over. Fall fishing had been middling, and, added to the summer one, had given to the most successful boats from 80 to 100 quintals, and to the less fortunate ones from 60 to 80 . Quietness and order had not been disturbed since my last visit, and the fisheryoverseer had no complaint to make regarding any infringement of the law. About 12, we left Moisie, with a north-east breeze, which soon turned to south-east, and we anchored under the lee of Point St. Charles. About the evening, the wind having become favorable, we again set sail.

On the 13th, I visited the fishing establishments of Gibraltar's Uove, Le Gros' Cove, Shelldrake, and Thunder river. I was informed that the fishing had given middling returns; - that is to say, from 80 to 100 quintals of codfish for each boat, though at Le Gros? Cove some boats had taken as much as 125 quintals each.

At Thunder river, two complaints were laid before me, which I could not decide, by reason of the absence of the accused parties.

During the afternoon, it blew such a violent gale from the west, that we had nothing else to do but to enter Mingan harbour (without being able to stop at River St. John), which we did at 5 p.m. We found no vessel in the harbour, and were informed by Mr. Watt that nothing worthy of notice had taken place since our last visit.

On the next day, at 12,30, we started for Esquimaux Point, and, favored by a strong west wind, we arrived there at 3.45 P.m. All the schooners belcring to this village had already returned from herring fishing, which, most unfortunately, had only been successful for a few of them-this fish having been very scarce in the places visited on the shore. The only successful schooners were those who went below Gape Charles, on that part of the coast of Labrador washed by the Atlantic; there, herring had been the most abundant; and as cod fishing had not either been favorable to the most of the inhabitants of Esquimaux Point (which. I have already mentioned), it followed that many of them were embarrassed. But they were not discouraged, and relied upon a successful seal-hunting next spring to see abundance revived amongst them.

On the morning of the 15 th we left Esquimaux Point, and reached Natashquan a little before midnight. On the next day I made my usual visit to the fishing establishments of the place, and found that since my visit in the month of July, the fishing had not been better than before; but this was owing more to the want of bait than to the scarcity of codfish. The schooners belonging to the place had taken about 50 quintals of codfish each. Mr. De La Perrelle's men had succeeded a little better ; nevertheless, this gentleman had only 2,200 quintals of codish to export to Italy this year, being much less than last year. About the end of August, a great quantity of herring had been seen for a few days in the Bay of Natashquan (which is unusual); and many hundred barrels of this fish had been caught.

Mr. Doré, the agent of the Hudson's Bay Company; who resides at the river, informed me that no illegal fishing had taken plase since my last visit, but he complained of stakes used for salmon fishing having been left in many places at the mouth of the river, and I took the necessary means to punish the parties guilty of this infringement of the law, when I shall meet them:

Shortly before 3 in the afternoo, we left Natashquan river, and on the next morning I arrived at Kegashka. I immediately despatched my constables to summon the man named Guillemette, accused of laving fished, without license, in the river, in 1861, and I
proceeded with the schooner to Kegashka bay. Guillemette was brought before me,-he admitted the offence, but gave as an excuse, the fact that Giroux (who had been also prosecuted for haying fished without a license in the same river) had shown him a fishery license for Kegashka river, which he pretended to have received from the Government. Judgment was rendered, and Guillemette coademned to a fine of \$20, or two months gaol, in default of payment; but as he could not pay at once the fine imposed, being poor, and to take him to gaol would have been to condemn his wife and children to suffer during the approaching winter, I granted him delay till the 9th June next, to find the amount of the penalty.

Since my last visit at Kegashka, cod fishing had not been better than in the spring ; and this was owing more to the scarcity of bait than to any other cause.

We had now reached the 17 th of October, the fall season was consequently much advanced, and I had yet to visit the fishing posts between Kegashka and Anse aux Blancs Sablons. But by continuing our journey in that direction, we exposed ourselves to arrive in the River St. Lawrence at a period of the year when navigation is very dangerous, and very hazardous, especially for vessels ascending the river to go to Quebec, and I thought it my duty to close here my Labrador cruise, and to steer towards Magdalen Tslands. But we experienced stormy weather and head wind in reaching these islands; for, having left Kegashka on the 17 th at 1.20 P.m., we reached Byron's Island only on the 21st, at 1 P.M.

Mr. White, who occupies this island, informed me that cod and mackerel had been very abundant on the shores of Byron's Island, near Bird's Rock, and Grosse Isle ; and the fishermen who had been to those places, especially those from Chéticamp, on Cape Breton Island, and those from the United States, had succeeded admirably, and must have made good profite with the products of their labors of the season.

Towards the evening, the fog, which had constantly covered the sea since we had left Kegashka, cleared awas, and the wind having set north, we left for House Harbour, where we arrived on the following morning.

I found only eight schooners in the harbour, the others (belonging to this port and numbering 15), had not yet returned from their Quebec and Halifaxtrips, where they had gone to carry the product of the fishing season just expired, and which consisted of dry codfish, pickled herring and mackerel, and cod and seal oil. I need hardly mention (having already stated it,) that the fishing schooners of House Harbour, which went to fish on the north shore, had returned without having taken almost anything, whilst those which remained at the islands had bad the most productive fishing ever seen in these places, either in mackerel or codfish, so abundant had these fish been during the whole season near the islands as well as in Pleasant Bay. According to the old fishermen, there had not been such an abundance of fish of every kind at the islands, since many years. The greatest quantity of mackerel had been captured at Allright and Grindstone islands; and at l'Etang du Nord, which I visited on the next day, cod fishing had given very large profits to the fishermen, many schooners having captured as much as 180 drafts of this fish during the season, whilst others had taken an average of from 90 to 120 quintals each. The fishing season just terminated had been, according to Mr. Charles Bourque, one of the oldest inhabitants of the locality, the best made since many years ; this success had revived the fishermen's courage, a litlle abated by a few years of middling fishing, and led them to expect fine results for the future of their fisheries. A greater number of schooners from Cape Breton Island, Nova Scotia, and St. Pierre, had been engaged in cod fishing this year, than ever before, on the shoals of l'Etang' du Nord, and Deadman Harbour, and mostly all had succeeded well. Many even were enabled to make two fishing voyages during the season, so abundant was the codfish on the banks. According to information received from everywhere, codfish were most numerous during the expired season in the above named places, and in the adjacent waters flowing towards Prince Edward's Island, and there the fishermen found the best chance of success. Bait also had all the time been easily found.

The fine results of the labors of foreign fishermen around Magdalen Islands did not fail to draw the attention of the outfitters and captains of the fishing schooners of these islands, who are in the habit of going to the coast of Labrador, because they find there easy and safe harbours, and generally an abundance of fish (which fails sometimes, though, as in this year); and many of them intend next year to fit schooners for the bank
fisheries, and have already given orders to merchants of Magdalen Islands to import for them anchoring cables (it is known that a vessel cannot hold on to banks with a chain, but that cables of hemp or manilla are required, which on account of their elasticity and lightness fatigue the vessel less during a storm). This bank fishery, when productive, gives comparatively larger profits than the shore fishery, the fish being sold dearer on the market, on account of its finer size and better quality. These remarks, which I have made respecting l'Etang du Nord and House Harbour, apply equally to Amherst Island. I visited this last place on the 24th and 25th.

Mr. Fox, Collector of Customs at Magdalen Islands, gave me some very important information relative to the season's trade of these places; these appear in a table at the end of the report. They show that the trade has prograssed since a few years, thanks to the liberal protection and encouragement given by the Government to the fisheries.

Dried codfish from Magdalen Islands sold at Halifax as much as 19s. a quintal; this was a very': gh price, giving great profits to our fishermen and to the outfitters.

From 60 i) 80 schooners from the United States had been engaged in mackercl fishing in the ne,ghboring waters of the islands, and had, with our fishermen from Amherst Island and House Harbour, who were engaged in this fishing at Pleasant Bay, attained complete success.

The weather had been very fine at Magdalen Islands since the spring, and most favorable for the fisheries and agricultural purposes. "The harvest had been good, especially that of potatoes.

During my visits at the group of the Magdalen Islands, many complaints had reached $m y$ ears regarding fishermen belonging to foreign vessels, either from the United States or Nova Scotia; who, whilst anchored near the shores, had committed depredations on the properties of the inhabitants, and, in many instances, had been guilty of robbery of sheep and fowls on Entry Island. These robberies are generally done during the night; and it is, consequently, very difficult to discover the culprits. But, as remarked by many of the inhabitants of the most exposed localities, the presence of the armed schooner in these places has had the result of diminishing the frequency of these depredations, which our fishermen had so much to complain of before the establishment of the protection service.

On account of the late period of $m y$ leaving Quebec this year, and the loss of time occasioned by the repairs to the schooner's masts, I was unable to visit Magdalen Islands more than twice; but I hope that next year the fitting out of the scalooner will be done soon enough to allow me to leave for the Gulf by the end of April ; then I shall be able to make four and even five visits to these places which, as I have already remarked, it is so important to protect, for the future of our maritime trade.

The wreck of a vessel loaded with flour, at the north part of Amherst Island, gave a striking proof of the spirit of order and sense of respect for propriety which exists amongst the population of those places, since the establishment of the fisheries protection service. The vessel threatened wreck; the whole of the cargo was saved with the assistance of the principal inhabitants and fishermen from the neighborhood, and delivered to the proper authorities, the insurance agent selling the saved goods upon the spot with the same regularity as in one of our large sea-ports.

On the 26 th, the wind shifted from north-west to north-east, and we left the Island.
On the 28 th, in the afternoon, we arrived at Paspebiac. I found in the harbour the vessels enumerated in the following table:

Vessels in Paspebiac Harbotr on the 28 th October, 1863.

| Descrip- | $\begin{gathered} \text { Name } \\ \text { of Vessel. } \end{gathered}$ | Name of Captain. | Tonnage | $\begin{gathered} \text { Number } \\ \text { of } \\ \text { men. } \end{gathered}$ | Owners. | Cargo. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Bark ..... . | O. Blanchard... | I. Giffard........ | 268 | 12 | Chs. Robin \& Co | Codfish for Brazil, |
| " | Mark Well ..... | John Belleau... | 270 | 12 | do. | . Spain, Italy, An |
|  | C. Columbus ... | J. Ahier ........ | 203 | 12 | do | - tilles, ctc., also |
| Brigantine..: | Ranger .......... | A. Le Daim ..... | 135 | 10 | do | .. herring. |
|  | Dit-on ........... | A. LeGresley... | 71 | 10 | do | $\because$ - " |
| ${ }^{\text {c/:........... }}$ | Uninn | A. LeM ${ }^{\text {argnan.. }}$ | 113 | 8 | do | $\cdots \times$ |
| Schooner...... | Peace | F. Ahicr......... | 35 |  | do | $\int$ Engaged |
| " | Ant .............. | Wm. Rowe...... | 52 | 7 | do | \{ carrying |
|  | Fly ............. | A. Collard ..... | 58 | 13 | do | dry codish. |
| Brig.............. | Hiana ............... | P. Cozens. | ${ }_{216}^{236}$ | 13 | LeBoutillicr Bros. | Dry codfish for Bra- |
|  | Teaser | DeGrcachy ...... | ${ }_{143}$ | 10 | do | zil, Italy, Spain, |
| Brigantine... | Pandora | J. Hubert........ | 99 | 8 | do |  |
|  | G. D. T. | LeBrun... | 124 | 10 | do | " [codish. |
| Schooner...... | Gleaner. | F. LeBlanc .... | 59 | 5 |  | . Far Oporto,-large |
| " | Pabos ... | A. Fougèro. <br> J. Sawyer... | $\begin{aligned} & 42 \\ & 20 \end{aligned}$ | $\begin{aligned} & 6 \\ & 5 \end{aligned}$ | $\begin{aligned} & \text { do } \\ & d \theta \end{aligned}$ | § Carrying |
|  |  | Total | 2334 | 160 |  |  |

As usual, every one was at work in the harbour. The greatest activity prevailed to send cargoes of dried fish to the foreign markets, where the prices, according to the quotations brought by last mail, were very high. According to the calculations of the establishments' agents, all the disposable codfish on the coast would be exported, in view of the large profits to be made on these products. Not being satisfied with the ordinary means of transport, vessels from England and Jersey, \&cc., \&c., had been chartered to take at Paspebiac and at many other places on the shore, cargoes of oodish at 3s. sterling per cwt. of codfish to be delivered at Oporto or Cadiz. Last year, for want of means of transport, nearly 8,000 quintals of codish remained in the stores at Paspebiac. I give, at the end of this report. tables shiewing the names of the vessels which carried cargoes of fish from Paspebiac to foreign countries. To these tables, I add others, shewing the amount of imports and exports from Paspebiac harbour, with remarks on the trade of this port.

I will only add that, although cod fishing had failed in many parts of our shores, and although in many other places the scarcity of bait had been injurious to the fishing and prevented its success, still, from the increase in the outfit, and the efforts made on every side to dip with both hands into the sources of wealth of the waters bordering our maritime shores, and procure the alimentary productions so useful to our population, and forming an article of exchange which alone supplies the greatest part of the Gaspe trade :- the products of this fishery will not be much below those of last year.

I very much desired to visit Bonaventure Island, New Richmond, Carleton, and other posts in the upper part of the Bay of Chaleurs; but the season was so adranced, that we had to think of soon reaching our winter harbour.

I stopped three days and a-half at Paspebiac, and having met the fishery overseer, Mr. Phelan, and completed the business of the season with that officer, and written to the other fishery overseers in the bay to send me their annual returns, I gave orders to sail for Percé, intending to stop on the way to Pabos, Grand River, and Cape Cove; but the wind was too strovg and the sea too heavy to allow me to call at these ports. We arrived at Perce a little after 5 p.M. on the 30th, having sailed from Paspebiac to this place in less than six hours.

On the 31 st, the wind continuing to blow from the sea, I went by land to Cape Cove, Grand River and Yabos. In this last place, I met Mr. Remon, the fishery overseer for this division, who informed me that nothing irregular had occurred in the fisheries on this part of the coast, but that, on the contrary, everything had been done with order.

In many stations cod fishing had been better than usual : this fishing, from Pabos to Cape Cove, inclusively, had, taking the whole of the season's operations, given ordinary
results. At Perce, it had been good during the summer, and still better since the beginning of the fall.

Three vessels were in Percé harbour, loading codfish for Europe, but with difficulty; this harbour being badly sheltered from the sea winds, which do not permitthe boats to go ashore on account of the surf, which is felt with irresistible forec and violence.

Only few American schooners had visited the shores of Percé and neighborhood for cod fishing during the scason, although this fish had been abundant, especially vear Bonaventure Island.

Herring had been the bait gencrally used by the fishermen from Perce to Pabos. Sqid had been less abundant than usual ; as to Caplin, it is always got with great difficulty.

On the 2nd of November, I visited by land, Coin du Banc, Barachois, Malbaie (below), and Point St. Peter. Everything was found to be in order at these different places. At Barachois, salmon fishing had increased. At Malbaie and Point St. Peter, cod fishing had been ordinary.

On the 3rd, La Canadienne, which had been stopped by calm weather on the previous evening, near Perce, during the greatest part of the day, took me in the morning at Point St. Peter, and we soon left for Gaspe Basin, where we anchored in the afternoon.

In that port, I visited 16 vessels engaged in the fisheries, the names of which are given in the following table, with remarks on their destination and cargoes :-

Gaspe Basin, on 3rd November 1863.


Since the opening of the navigation, trade had always been very active, and to every appearance "Was increasing in a remarkable manner since the establishment of the Free Port. New Stores, new hangars, new wharfs were rising on both sides of this splendid basin-; and many merchants and traders of every kind had scttled there since that period; all appeared successful. This was a good proof that at Gaspe Basin and on the neighboring shores in the supplying of dried codfish; the staple article of exchange as above menticined; the amount of business was without any doubt larger than that of many years past, I have mentioned, in a table annexed to this report, the names of the vessels having this year taken cargoes of fish from Gaspe Basin to foreign countries; with thair destination. \&c. I also follow it by remarks on the trade of the Free Port.

Mr. Thomas Boyle, fishery overscer of this division, reported no infringement of the law during the season. According to the information received, salmon fishing had been productive, - there was a great quanvity of sulmon and trout in the upper part of the rivers; which is proof that there is a good protection of the fish in these waters and may also lead us to expect that, before many years the profits of the fishermen may cren more than double.

During my visit at Gaspé Basin, I was called upon, as last year, by the school commissioners of the place, to euforce the school litw. I instructed my constables to arrest many individuals who, up to this time had baffled the oficers of justice of the place, entrusted with exccuting the orders of the local courts, and who had alwiys refused to pay the school tax. When brought before me, they cither paid, or agreed to make some arrangement, which fully satisfied the school commissioners and made me hope that there will be no more difficulty in the future.

Here follows the letters of the commissioners above mentioned, relating to this case :-

School Municipality, Gaspe Bay South, 4th November, 1863.

Commander Fortin,

## H. M. Schooner La Canadienne.

Sir,-I am instructed to inform you, th:t the parties summoned before you and John LeBoutiller, Esq., last year, for non-payment of assessments, have not paid, with the exception of Widow Morin, and respectfully request your aid in enforcing the payment of the same.

The commissionere are under the painful necessity of making this application, there being but one magistrate, viz: A. Painchaud, Esq., who will act, (three others being commissioners), and no sufficient force to carry out the latw. There are others who also defy them, knowing their incapability to proceed against them by law.

Ibeg further to observe that the inspector, T. Tremblay, Esq., knowing the difficulties ander which this municipality is placed, has ordered them through me to apply to you.

$$
\begin{gathered}
\text { I am, sir, } \\
\text { Your obedient servant, } \\
\text { (Signed,) } \\
\text { WInLIAM Thos. LAWs, } \\
\text { Secretary-Treasurer. }
\end{gathered}
$$

## School Munictpality, Gaspé South, 5th November, 1863.

## P. Fortin, Esq., J. P., <br> Commander of IT. M. Schooner La Cancadienne.

Sir,-I beg to tender you the warmest thanks for your ready compliance with the request of the Secretary-Treasurer, for aid to carry out legal proceedings for the recovery of assessments due the municipality ; and to express miy opinion that, without your prompt assistance, the requirements of the school law could not be complied with, and an increasing feeling against the local authorities would be the result.

With much' respect,

$$
\begin{aligned}
& \text { Iam, sir, } \\
& \text { Your obedient servant, } \\
& \text { (Signed,) JoHN EDEN, } \\
& \text { Chairman of the School Corporation. }
\end{aligned}
$$

The port of Gaspe has had this year the visit of three foreign men-of-war. First, the French steam corvette Le Marceau, carrying 8 guns, Commander Vavin, came during the month of July, to take on board Mr. le Baron Gauldrce Boilleau, French Consul, who was proceeding to study on the spot the resources of the country borderiag the waters of the Gulf of St. Lawrence, with the intention of creating, or rather developing the trade with the French possessions of Newfonndland; and it is by making better known to the French merchants and outfitters the different kinds of produce supplied by Canada and the other British provinces, in order to supply the numerous wants of their immense fisheries, and establishing the articles they can give in exchange, that this desirable end can be attained in a safer manner. There is no doubt but that this trip of Mr . Boileau, whose intelligence and capacity have been so well appreciated in Canada, will produce, in a future period, advantageous results to the trade of our country, as well as to that of France.

The United States armed schooner George Magnum, Commander Collins (carrying 7
guns and a crew of 70 men), which, according to rumor, had cruised during a while in the Gulf of St. Lawrence, expecting to meet cruisers from the Confederate States, also came in the Basin of Gaspe, but remained only a few days. This vessel was of nearly the same tonnage as La Canadienne.

Lastly, His Majesty Victor Emmanuel's frigate, the San Ciovanui, of 28 guns, Commander Count Fraa di Bruno, with a crew of 360 men, stayed there from the middle of August till the end of September. The population welcomed this vessel with pleasure, for it was seen that her presence was a proof that the principal branch of trade of this part of Canada, that of codfish, had, since a few years, by its extensive development, drawn the attention of foreign countries, and especially of Ttaly, where so great a quantity of our dried fish is consumed.

Already, an Italian consulate had been established last year at Gaspé Basin, and Mr. Horatio Le Boutillier had been chosen to fill this important post. To the advantageous information respecting our country furnished by this gentleman to the Italian Minister of Commerce, is mainly due the presence of the San Giovanni in our waters.

The commander of the frigate understood at once the importance and wealth of our maritime fisheries, and he intends to make them kuown to his Government in a special report, in which he will show, amongst other things, the advantage for Italian vessels to come and purchase at our free port of Gaspe a part of the codfish they require, and bring us in exchange the produces of their country, such as olire oil, dried and preserved fruits, and especially hemp, which is cultivated on a large scale in the centre of Italy, and of which we already make a considerable usc in Canada since the establishment of cable factories.

Mr. Horatio Le Boutillier had especially drawn the attention of the Italian Government to the advantage for the war vessels of their country, stationed on the shores of North America, to buy their provisions in our ports; this was done for the frigate San Giovanni, which bought at Gaspe or at Montreal, through the agency of the Italian Consul, provisions, and a good deal of other stores, for ais months' cruise, amounting to $\$ 12 ; 000$; the good quality and cheapness of which was well appreciated by the commissariat on board.

The urbanity and politeness of the commander, Count Fraa di Bruno, and the steadiness of his crew, won the esteem and respect of the whole population of Gaspe, and he, the commander, gave hopes, that our maritime shores, and especially the port of Gaspe, would again, next year, be visited by one of His Majesty's frigates; and no doubt that when the route will be so well traced, merchant vessels from Italy will hasten to follow it.

Having closed all my business at Gaspe Basid, we left for Quebec on the 6th, at 4 p.m., intending, however, to stop at many intermediate posts.

Before proceeding further in the description of my journey, I will not miss the opportunity of expressing my thanks to Mr. Collot Bellean, Collector of Uustoms at Gaspé, an officer distinguished as well for his assiduity in fulflling the duties of his situation, as for his politeness to every one coming to his office for information of all kinds, such as that he gave me on the trade of Gaspé. I can say the same of the Collectors at New Carlisle and Amherst, Messrs. John Fraser and John J. Fox, to whom I am iudebted for statistical tables of the trade of their respective ports.

We doubled Cape Gaspe at 8p.m., but during the night we had wind and tide against us, and on the next day we neared the land, having hardly made any progress. In the evening we anchored at Griffon's cove. I landed at this fishing port, and received from Mr. Veit (Mr. John LeBoutillier's agent), information on the fisheries, being informed at the same time that only a few American schooners had visited the place during the summer, and that order and public peace had not been disturbed. At first, codfishing had been extremely bad, for the want of bait; later, and especially towards the fall, our fishermen had been more successful in their labors; still, the results of summer and fall fishing were not even equal to an ordinary one-each vessel averaging no more than 80 quintals. Nevertheless, as dry codish was selling at a very high price (18s. per quintal), our fishermen were, on that account, slightly repaid for the little success of their labors of the past season. The harvest had been abundant, and these resources, added to those of the fisheries, supplied the population of the localities with enough of provisions to wait for the next fishing easön.

On the next day we anchored at Fox river. I also visited this important post; which, since a for years, advances considerably; the population increases as well as the trade, and in a notable manner. The same remarks already made for Griffon's cove, apply likewise to this locality,-that is to say, that the fisheries did not produce much. Caplin had entirely failed on the shores of Fox river, as well as in the next posts, east and west. There were 10 fishing schooners more than last year.

The seison was too far advanced, and the winds too contrary, to visit this fall the posts of Grand Etang, Chlorydon, Grande Vallée ; and I would have missed the necessary information relative to the fisheries of these places, if, with his usual kindness, Mr. Ieesperance had not furnished them in me.

At Grand Etang, the property of the ibore named outfitter, and one of the finest establishments on our shores, cod fishing had been successful, and it was calculated that each boat had captured about 125 quintalls.

At Grande Vallee and Chlorydon the fishing had been bad, on account of the scarcity of bait; the schooners of these plices had not exceeded S0 quintals.

In the intermediate posts, as Vallean's Cove and Pointe Sciche, the fishing was calculated to be 90 quintals for each boat. From and above Fox river, American schooners had been scarce on the shores, and nowhere was there any complaint of insult or depredations committed by those who went ashore.

At noon we left Fox river with head wind; we steered towards the north, expecting to find a more farorable wind, and we were not disappointed in our expectation; for, on the morning of the 9 th, we had east-north-east wind, which brought us to Seven Islands at 2.15 p.ns. on the 10 th.

We left at 3.30 p.m., after having taken on board the Collector of Customs, Mr. Smith; and a very strong north wind brought us to Pointe des Monts at midnight. But when there, we had head winds, and after having tacked during the whole of the next day, and gained little by it on account of the ebbing tide, we were obliged during a storm of south-west wind, on the night of the 11th, to go and anchor on the morning of the 12th, in Trinity Bay.

I seized this occasion to see the fishery overseer, Mr. Comeau, and to collect information on the shores belonging to his division. Cod fishing at Cariboo Islets, Trinity and Godbout had not been good, whilst salmun fishing in the stations along the coast had been generally successful and yielded more than in previous years. He had no complaint to make for infringement of the fishery laws.

On the 13 th, at 9.45 A.M., a north-west breeze sprung up, and we hastened to take advantage of it. At 10.30 A.m. we passed Pointe des Monts light-house, and at 12 p.m. the Bic light-house. The wind was then north-east.

At 11.35 A.m. on the next day the wind entirely fell, and we anchored at the Pilgrims at ebb tide; but a little after twelve, a breeze sprung up, and at 12.30 p.m., not being able to sail against the tide, we anchored a second time opposite Pilgrims light-house.

At 3.25 A.M. the breeze increasing, we set sail, and at $9.30 \mathrm{~A} . \mathrm{M}$. anchored in the Port of Quebec, having the satisfaction to be able to say, in closing the report of my cruise in in the Gulf, that we met with no accident or injuries, and that our new masts and shrouds were firm and well fixed.

On the 16 th, although in the harbour, I gave orders to begin unrigging the schooner, and in the evening I discharged 10 sailors.

On the 17 th, we went to the Government wharf, and began storing the rigging, goods and matcrial of the schooner; and on the 20th I discharged the remainder of the crew, keeping only the mate and the master of the crew to take charge of the schooner till placed in dock, which was done on the 24th.

On the 26 th, the dock in which La Canadienne was, was towed into Palace harbour, where she is to winter, and on the next day my offcers were discharged, and the schooner placed under Mr. Buteau's charge.

RESUME.
The cruise of the armed schooner La Canadienne in the Gulf of St. Lawrence, for the protection of the fisheries, during the season just expired, began on the 29th of May, the date of our leaving Quebec, and was interrupted by a trip to Qucbce, where we remained
from the 31st of August to the 29th of September, for the purpose of having new masts put on (the old oues which have lasted since 1855 being rotten at the top), and terminated on the 15th of November. The coasting vessel has thus been engaged actively in the service:


Total, 144 days.
Deducting the days spent in the River St. Lawrence to come up and go down twice-viz:-
3 days in May,
4 " " August,"
2 "" September,
2 " " November,
giving a total of 11 days.
There remains then 133 days of actual cruise on the shores. During that period I visited Magdalen Islands twice ; the principal posts of Anticosti Island once ; the shores of Gaspé twice; Paspebiac three times; Perce three times; Gaspe Basin three times; and made two visits, the second not being quite a complete one, to the north shore of the river and Gulf, from Bersimis to Blanes Sablons, a distance of 501 nautical miles.

During the whole time of my cruise, I made it a duty to stop at all our salmon and fishery stations on the north and south shores, every time it was possible; I visited them to be sure that the fishing was pursued in accordance with the Fisheries Act, and the regulations made in rirtue of the same, and to punish the parties found violating any of the clauses of the said Act and said regulations; this was donc in many places, as can be seen by peruing $m y$ report.

I will remark here that, from year to year, the fishing law is better understood and appreciated by our fishing population who understand its object better, and feel less opposition to it than formerly. Order and peace prevailed during the last season in our sea ports, the harbours and rivers where the cod fishing establishments are, and Imay add on the whole of our shores. From these must be excepted the Magdalen Islands, where during the mackerel fishing season, during the months of $\Lambda$ ugust and September, fishermen from schooners engagnd in this fishery went ashore at Entry Island, and on some other parts of the group of these Islands, and stole some fowls and cattle. Not being at the islands when these robberies took place, and besides they having been committed during the night, it follows that it is very difficult, if not iupossible to detect the authors. Consequently the only means to protect our insular population from these depredations, is to cruise with $L a$ Cancedienne in the places frequented by foreiga schooners during a part of the mackerel fishing ssason, as I hare already done, in order that the presence of the armed schooner might kecp them constantly on their guard, and caution them against a well deserved punishment, if they continued to render themselves guilty of such improper acts towards population having such gentle manners, and always ready to help strangers. The trip was obliged to make to Quebec, and the necessity under which we wre to proceed with as little sail as possible, from the 9 th of July to the 31st of August (after having discovered the bad state of our masts), which extended by many weeks my first visit on the north coast, prevented me from being at Magdalen Islands at a period when my presence was greatly wished for, and would have been very necessary:

The result of the fisheries was very different on our shores, this year. Thus, whilst salmon fishing was generally good in the rivers, and stations in the north and south shores of the Gulf and River St. Lawrence ; cod fishing, this great industry in which our population is engaged, nearly failed entirely on points generally renowned tor the greatest supply of fish, as at Natashquan, Kegashika, Mutton Bay, Dog Islands, Bonne Esperance and Salmon

Bay. These places are nevertheless visited by a larger number of foreign fishermen than of our own.

At Bradore Bay and Blancs Sablons, it was over an average. On the shores west of Mingan, it had bcen good only at Magpie Bay and Le Gros' Cove, cverywhere else, the fishing had been below the average.

On the Gaspeshores from Bay of Chaleurs to Cape des Rosiers, there was no reason to complain of the results of the year, although, during the summer, scarcity of bait had made the fishing difficult and little remunerative.

From Cape des Rosiers inclusive to Fox river, the fishing had been bad. At Grand Etang, it had been good; higher up, on the shores of the St. Lawrence it had been middling; and at St. Anne des Monts, Cape Chatte and Matanne, the results of the season's fishing were satisfactory, although the same began very late. What most injured the success of cod fishing this year, was the scarcity of bait, and the great difficulty for fishermen to get it, and especially caplin, which, as often remarked in my reports, is the best bait and the most used by our fishermen. Taking in a whole the products of the different fishing stations, cod fishing was not very good this year, and the results not so satisfactory as those of last ycar. Still as the number of fishermen had increased in may places, the quantity of codfish exported into foreign countrics will yet be very large, although less than last year. I will give at the end of this report, a table shewing the quantity of codfish taken ate each cstablishment on the north aud south shore.

Fall cod fishicg having been generally good on the Gaspe shore, and pursued with much zeal and persererancc, it-followed that large quantities of salted codfish, in barrels or in bulk, were sent to Quebec and Montreal, where the schooners arrived nearly all together, during the month of October. The result was disastrous to our fishermen, who on account of the overstocked market, sold their produce too low to expect even ordinary profits, and some cargoes were sold at alloss. The only means to obviate this, inconvenience (and our fishermen intend to do so next year), is to prepare a certain quantity of the fall codfish for export, and to keep but a small quantity for Canada, where, as it is known, the consumption of pickled and dried fish is too limited to offer an casy market for the produce of our Gulf fishermen. The produce of the spring herring fisheries have not been so good as those of previous years, but this is not owing as much to the absence of fish on our shores as to the little demand of pickled herring for export, caused by the American war having closed the Southern markets; for this reason our fishermen generally fished only according to the wants of our country. The herring fall fishing has failed on our shores, except at Bradore Bay and Blanes Sablons, where some thousand barrels of this fish have been caught by foreign and Canadian fishermen, but the fish were generally small. The fine fall herring which were brought to Quebec this fall were caught on the coast of Newfoundland, and especially on that part of Labrador, under the jurisdiction of Newfoundland, and beyond Cape Charles, on the Atlantic.

Our Gaspe shore fishermen caught during the month of August, a certain quantity, which was specially used to bait cod lines.

As I have already mentioned, the fishing was very good at Magdalen Islands; especially cod fishing which gave abundant produces; and if seal hunting had been good, the inhabitants of these islands would have reaped more profit from their season's labors, than they have since many years.

I furnish statements indicating the quantity and the value of the different fish caught in our fisheries.

I will conclude by stating that our fisheries are, compared to what they formerly were, in a state of prosperity, thanks to the liberal encouragement and effectual protection of the Government; and I hope that this encouragement, either in the shape of bounties, or free ports, will not fail, so that the fisheries may soon acquire a development which will cause them to be considered all over the country as one of the largest and most productive industries of Canada.
P. Fortin,

Stipendiary Magistrate; Commanding the expedition for the protection of the Fisheries of the Gulf and River St. Lawrence.

List of the vcssels which left Paspebiac Harbour during the season of 1863, with cargoes of dried codjish for the markets of Brazil, Italy, Spain, \&c., and belonging to the Anms of Charles Robin \& Co,, and Le Boititlier Bros.

## Summer Trips:-(Vessels belonging to the firm of Robin \& Co.)

Bar\% "O. Blancharla," Capt. P. Giffard, 268 tons, 12 men.
This vessel made one trip to Brazil and Rio Janciro, with 3,200 barrels of dried codfish (each barrel containing one Portuguese quintal of fish!)

She left Paspebiac on the 1st July, and returned to the same port in the beginaing of October, to take a second cargo.

Bark "Markucell" Capt. J. Baleine, 270 tous, 12 men.
During the summer made one trip to Brazil, with 3,200 barrels of dried codfish.
She left Paspebiac for Rio Janciro on the 6th of June, and returncd to the Bay des Chaleurs on the 15th September.

Brig "Urion;" Capt. Iroos. Le Daini, 157 tons, 10 nen.
Made one trip to Naples with 3,800 quintals of dried codfish.
Left Paspebiac Harbour for Italy on the 29 th of Junc.
Brig "85," Capt. A. Le Moignan, 113 tons, 8 men.
Left Paspebiac Harbour for Civita Vecchia on the ist of August, witli a cargo of 3,000 quintals of dried codfish.

Returned to Bay des Chalcurs in the beginning of October,
Bart "Colimbus" Capt. J. Alier, 203 tons, 12 men.
During the summer this vessel brought a cargo of fruits to Qucbce; from Palermo, and accomplished the journey in 37 days.

From Quebec, sle went to Jersey, with a cargo of flour, and there loaded salt and goods for Paspebiac, where she arrived on the 5th of October.

## Summer Trips.-(Vessels belonging to the firm of Jje Boutillier Bros.) <br> Brig "Teaser", Capt. De Grouchy, 143 tons, 10 men.

This vessel cleared from Paspebiac to Barbadoes, on the 16 th of July, with the following cargo, consisting of different produces of Bay des Chaleurs - 411 barrels pickled herring; 28 barrels pickled salmon; 21 barrels pickled haddock; 500 herring barrel hoops; 189 bags of oats; 112 barrels (containing 400 los, weight) of dried codish; $80 ; 000$ shingles (long), sold at $\$ 5.50$ per m. ; 346 boards.

Brigantine "Quiz", Capt Frs. Jean, 93 tons, 9 mon.
Left Paspebiac harbour, on the 8 th of August, with a cargo of 2,400 quintals of dricd codfish, for Naples.

Brigantine "Aclelina," Capt. J. Lefeuvre, 104 tons, 8 men.
Cleared from Forteau Bay for Bristol, on the 22 nd September, with cod sounds and seal oil, manufactured by the establishments of Messrs. Le Boutillier Bros, at Tsle à Bois and Forteau.

Besides the oll, there was also some hundred barrels of Labrador herring sent by the same firm to Jersey, where this fish is always sold at a good price.

Brigantine "M. Geongiana" Capt J. Venement, 101 tons, 8 men.
On the 16 th September this vossel left Paspebiae harbour for Naples, with 2,000 quintals of dried codfish.

Bri" C T: Sutton, Capt. 4 hie, 107 tons, 12 men.
This brig left Paspebiac, on the 10th of October, for Jersey, with a cargo of Bay des Chalcurs timber, chiefly of square timber, knees, planks, boards, \&c.

$$
\text { Brig'" Tickter, O Capt. P Hubert, } 96 \text { tons } 8 \text { men. }
$$

Left Paspebiac harbour, on the 16th of October, for Naples, with 2,700 quintals of store-dried merchantable codfish.

## Farl Trips- - (Vessels belonging to the firm of Robin \& Co. Barque 'Blanchard,' Capt. P. Giffard, 268 tons, 12 men.

Left Paspebiac in the month of November, for Rio Janeiro or Bahia, according to the state of the market in cither of those cities, with 3,300 barrels of dried codfish.

Bark "Marlwwell", Capt. J. Balcine, 210 tons, 12 men.
Left Paspebiac towards the end of November, for Sersey, with $3,80 \theta$ quintals of dried codfish, timber, knees, \&c., taking on board at the same time passengers cmployed by the firm of Robin \& Co., who were going to spend the winter with their families at Jersey. These passengers (fishermen, stagers, carpenters, de., ) will most of them return to PaspeDiac next spring, and be again employed in the different fishing establishments of the firm of Charles Robin \& Co., at Bay des Chaleurs, and elscrshere.

## Bark "C. Cotumbus," Capt. J. Ahier, 203 tons, 12 men.

Immediately after its arrival at Paspebiac on the 5 th of October (coming from Jersey) this vessel began loading with merchantable dried codfish, and by the cnd of November again left Paspebiac, with 4,200 quintals of this fish, for Naples.

$$
\text { Brig" Ranger", Capt } \quad, 113 \text { tons, } 12 \text { men. }
$$

This fine vessel was launched in Messrs. Charles Robin \& Co.'s dockyards at Paspebiac during the summer. She is of 113 tons.

Towards the end of November the " Ranger" left Paspebiac, loaded with large dried codfish, for Oporto, where this fish is sold higher than anywhere else. The merchants of Bay des Chaleurs generally give one shilling more per quintal to the fishermen for the large sized dricd eodfish. Besides, it is known that it is much more difficult to dry large codfish than small.

Brigantine" Dit-On," Capt. A. Le Daim, 71. tons, 7 men.
Also left Paspebiac towards the end of November, bound for Bristol, with 70 tons of cod-liver oil.

Briy" "Union," Capt. Thos. Le Daim, 187 tons, 10 men.
Immediately after returning from Naples began taking in anew cargo of fish, and by the end of November again left Paspebiac, for Jersey, with 4,000 quintals of dried codfish.

Brigantine " 85 ," Capt. A. Le Moignan, 113 tons, 8 men .
On her return from Civita Vecchia, from Bay des Chalcurs, she took a second cargo of fish, composed of 1,800 barrels of dried codfish for Jersey. . She left Paspebias towards the end of November.

> Fact Trips-(Vesscls belonging to the firm of Lc boutillier Bros.)

After taking part of her cargo at Thurder river, where the firm of Le Boutillier Bros. has an establishment, she completed it at Paspebiac towards the end of November and left Bay des Chalcurs with 2, 400 quintals of dried codfish for Italy.

$$
\text { Brigantine "G.T.D" Oapt. P. Le Brun, } 124 \text { tons, } 10 \text { men. }
$$

This vessel carries cach spring to the coast of Labrador, Isle it Bois and Fortcau, in which places the firm of Le Boutillier Bros, has establishments, the fistiermen, stagers \&c. fron Bay des Chaleurs and Magdalen lislands who are cmployed by this firm. In the fall, she takes on board the codfish of Islc a Bois, retures to Paspebiac, stopping at Magdalen Islands to land the fishermen from this place who do not return from Labrador by the first vessel sailing from Blancs Sablons with passengers, about the 15 th or 20 th of August: If, however the codfish brought from Labrador is not quite prepared or dried when put on board ; immediately on arriving at Paspebiac, thic fish is unioaded and dressed till it is fit for export. The thing occurred this year, foggy weather had been so prevailing at Isle a, Bois, that Mr. Alfred Le Boutillier had been obliged to put his codfish half dressed on board the "G.T. D." for Paspebiac. Towards the cnd of November, the "G. T. D." left Bay des Chaleurs for Naples, with 3,000 quintals of dried codfish ou board.

$$
\text { Brig "Hele," Capt O Cozens, } 236 \text { tons, } 13 \text { mon. }
$$

This fast sailing vessel, after a trip during the summer to Brazil, returned to Paspebiac, and took a second cargo of codfish.

On the 25 th of November, she left Paspebiac harbour, and rached. St. Helier, Jersey, on the 7 th of December, making that trip in the short time of 13 days. This is one of the quickest passages made by any sailing vessel.

Her cargo consisted of 2,500 barrels of dried codfish to be dolivered at Brazil, 20 barrels of oil, and lath wood.

$$
\text { Brig "Diana,' Cupt. P. Touzet, } 216 \text { tons, } 12 \text { men. }
$$

Although not |quite so large as the Hebe, this vessel is built on the same model and is as good a sailer. Both were built at Jersey, 1862, for the firm of Le Boutillier Bros., by Mr. Le Vesconte.

$$
\text { Brig Teaser," Capt. De Grouchy, } 143 \text { tons, } 10 \text { men. }
$$

Having returned from Barbadoes, this vessel remained in Paspebiac harbour, to wait for a new cargo of codfish.

She left Bay des Chaleurs for Naples, towards the end of November, with 3,000 quintals of codfish on board.

$$
\text { Schr. "U/caner," Capt. F. Le Blanc, } 70 \text { tons, } 6 \text { men. }
$$

Left Paspebiac for Oporto, towards the end of Noveniber, with 1,200 quintals of large dried codfish.

During the summer, the "Gleaner" was engaged on the north shore of the St. Lawrence, carrying from the various fishing establishments between Mingan and Thunder river, belonging to the firm of Le Boutillier Bros., codfish to load the "Pandora," and another vessel sent every year by them to Thunder river.

Codfisi, Onl and Hering exported by the firms of Robin and Le Boditluier Bros., during the year 1863.


Out of the 50,000 quintals of dried codfish exported this year by the firm of Robin, 18,000 had been prepared in 1862, but could not be sent during that year. This explains the large difference between the quantity of codfish exported during the present year by these two firms.

Vesscls which left Point St. Peter, belonging to Messrs. J. © Elias Collas, and to M. John: Fauvel, with dried codfish for foreinn marliets, churing the season of 1863.

> Summer Trirs- - (Vessels bclonging to Messrs. J. \& E. Collas.)
> Brigantine "Boadicea", Capt. F. Gr Lafarge, 100 ions, 1 men:

On the 3rd of July this fine vessel, built in the dock-yards of Messrs. J. \& E. Collas; at Point St. Peter, as wall as all the other vessels belonging to the samefirm, left Point St. Peter, with 1,000 karrels of codfish for Barbadocs.

On the 10 th of September she returned to Point St. Peter, after a successful voyage with a cargo of molasses and rum, received in exchange for her codfish.

$$
\text { Brijantine "Chance," Capt. FG. Cantel, } 139 \text { tons; } \$ \text { men. }
$$

This vossel left Point St. Pcter, for Malaga, on the 2nd July, with 3,000 quintals of dried codfish. Having disposed of his fish, Capt. Cantell took on board a cargo of fruits for Montreal From thence, he went to Point St. Peter, where he arrived on the 2nd of October, with different kinds of goods.

> Fstr Taiss- (Vessels belonging to Messis J. \& E, COllas)

Having returned from Malaga, the Chance remained in Gaspe Basin till the end of November, when she leff for Brazil, witha cargoof 2,000 harrels of dried codfish.

Brigantine" Brothers," Capt. Thos Wibert, 178 tons, 6 men.
This vessel left Pt. St. Peter towards the end of November, for Jerscy, with a cargo of 3,000 quintals of dried codfish. She had also on board all the passengers for Jersey, employed during the summer at the different establishments of Messis. Collas, wh.o were returning to spend the winter at Jersey.

Brigantine" St. Aubin;" vessel chartered by Messirs. Collas.
This vessel left for Naples on the 14th of October, with 2,100 quintals of dried codfish belonging to the firm of Messrs. Collas.

> Brigantine "Zelia," vessel churtered Ly Mossrs. Collas.

The above-named firm sent by this vessel, 1,400 quintals of dried codish to Naples. The Zelia, left Point St: Pcter, on the 14th September, for Italy.

Brigantine" Signet," vossel chartered by Messrs. Colles."
Left Point St. Petcr towards the cnd of November, for Naples, with 1500 quintals of dried codfish.

Brigantine "Deese", vessel chartercd ly Messrs. Collas.
This vessel took her cargo of dried codish at Shelldrake, on the north coast of the River St. Lawrence, where Messrs. Collas have also a fishing establishment. From Sheildrake, she went to Gaspé to get her clearance, and on the I5th October, left that port for Naples, with 2,400 quintals of dricd codfish.

> Surmer Trirs-(Vesscls belonging to Mr. John Fauvel.)
> Brigantinc "Aura," Capt. J. Le Gresley, 90 tons, 7 men.

Left Point St. Peter for Cadiz, on the 16 th June, with a cargo of 2,100 quintals of dried codfish, out of which 1,702 quintals belonged to J. Lc Boutillier, Esq., of Gaspe.

Faic Trirs - (Codfish belonging to Messrs. Fauvel and Lespérance.; Brigantinc "Mary."
This vessel, chartered by Messis. J. Tauvel and Lespérance, left Point St. Peter for Cadiz, on the 15th September, with 1,500 quintals of dried codfish.

Brigantine "Aura," Capt. J. Lc Gresley, 90 tons, 7 men.
Having returned from Cadiz, where she went in Juac, the "Aura" took at Gaspe, a cargo of 2, 100 quintals of dried codfish for Messrs: Fauvel and Lesperance, and Ieft this port towards the and of November, for Civita Vecchia.

Dried Codfish exported by John Le Boutillier, Esq., cither in his oun vcssels, or in vessels chartered by hin in 1863.

## Summer Trips.

$$
\text { Brig "St. Ann," Capt. J. Vibert, } 150 \text { tons, } 6 \text { men." }
$$

On the 10 th of June, this brig left Gaspe Basin for Rio Janciro, with 1747 barrels of dried codfish, and returned to Gaspe Basin, on the 25th of Octobor, with a cargo of coffee.

## Fall Trirs.

Brigantine "Prince", vessel chartcicel Ly Mr. Jolin Le Boutillier.
Jieft Gaspe Basin for Ancona, on the 25th September, with 1,500 quintals of dried codfish.

> Brigantive" Why Not?" chartered by Mr. J. Le Boutillier.

Left Gaspe Basin for Ancona, on the 15 th October, with 2,500 quintals of dried codfish belonging to Mr. J. Le Boutillier.

Brigantine "Be7us" chartered Gy Mr. J. Le Bottilier.
Left Gaspe Basin for Cadiz, on the 4th of Novamber, with 2,000 quintals of dried codfish.

Brigantine "Typhus" chartered by Mr. J Le Loutilien.
Jeft Gaspe Basin for Jersey, on the 2nd November, With 2,000 quintals of dried code
fish. When at Jersey, this codfish will be put in barrels, and the " गyphus," will carry it to Brazil, Rio Janeiro or Bahia.

$$
\text { Brig "St. Ann" Capt. J Vbert, } 150 \text { tons, } 6 \text { men. }
$$

Having returned from Brazil on the 23rd October, the St. Ann remained in Gaspe Basin, ready to take a new cargo for her fall voyage. By the end of November, her cargo being completed, she left the Port of Gaspe tor Rio Janeiro, with 1,753 barrels of dried codfish.

About 5,000 quintals of dried codfish are still in the stores of Mr. Lo Boutillier, and will be exported only next spring.

## Codfisif Exported by the Firm of Fruino \& Co.

Bark "Alice Jane"" Capt. E. Jean, 180 tons, 10 men.
This vessel belongs to the above named firm, and came this spring to Gaspe Basin with a cargo of salt, goods, \&c:, for the firm. She carries besides, every spring, all the Jersey passengers engaged by them, and who come to work at the different establishments of the tirm in the County of Gaspé.

After her arrival from Europe, the "Alica Jane" took a cargo of codfish for Brazil, and returned to Gaspe Basin in the month of October, and left again for Jersey towards the end of November, with 4,000 quintals of dried codfish.

## Brigantinc "Rifleman," Capt. J. Small, 132 tons, 7 men.

This ressel, chartered by the firm of Truing \& Co., loaded with codfish at Gaspe Basin, and towards the end of November left this port for Naples, with 2,000 quintals of fish.

Brigantine "Favorite", Capt. Chs. Coste, 63 tons, 5 men.
Took at Gaspé Basin a cargo of 1,300 quintals of codfish, and left for Italy towards the end of November.

Brigantine "R. H. S." Capt. E. Jean, 56 tons, 4 men.
Having returned from Barbadoes where she had taken a cargo of dried codfish for the firm of Fruing, this vessel loaded again with fish at Grand Greve, and left Gaspe for Oporto towards the end of November.

The firm of Fruing \& Co, which does a large business in the County of Gaspe and elsewhere, also exported many thousand quintals of dried codfish during the season just expired, but I could not get the names of the vessels in which the fish was exported.

I must say the same thing of the codfish exported by Messis. Le Gros Savage, of Cape Cove, De La Parelle \& Bros, of the same place, Clarence Hamilton, of Ner Carlisle, and John Holliday, of River Moisie. They exported this year many thousaud quintals of dried codfish to Brazil, Spain and Italy. The quantities will be found in the staterents of codfish caught in the Counties of Gaspe, Bonaventure, and the coast of Labrador, \&c., de.

ISLAND OF ANTICOSTI, (County of Saguenay:)


County of Bonaventure, County of Gaspe, County of Rimoushi, County of Saguenay; (comprising the coast of Labrador, the North shore of the Gulf and River St. Lawrence, and the Island of Anticosti,) added together.


Statement shewing the number of Fishing Boats; Men, \&e., \&ec, engaged in the Fish of the Gulf and Tower

| Locality. | $\left\|\begin{array}{c} \text { Number } \\ \text { of } \\ \text { Fishing } \\ \text { Boats. } \end{array}\right\|$ | Value <br> of the <br> Fishing <br> Boats. | Number <br> of <br> Fishermon. | Number <br> of Stagers. | Quantity |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Cod |  |  |
|  |  |  |  |  | Summer Fishing. | Fall Eishing. |  |
|  |  | \$ |  |  | Quintals. | Quintals. | Quintals: |
| Ristigouche Riper | 13 | 260 | 26 |  |  |  |  |
| Nouvelle (above).............. | 4 | 120 |  |  | 15 | 20 |  |
| Carleton........... | 10 | 300 |  |  |  | 20 |  |
| Maria.... |  | 330 |  |  |  |  |  |
| New Richmond and Black | $\}$ |  | 6 | 3 | 21 | :............ | $\sigma$ |
| Little and Grand Bonaven- |  | $1830^{\circ}$ | 122 | 40 | 1830 | 400 | 11 |
| ture ........................... | 01 | 1830 |  |  |  |  |  |
| Cox-comprising New Car- lisle and Paspebiac........ | 43 | 1290 | 86 | - 89 | 645 | 350 | 7 |
| Nourelle (below).............. |  | 900 |  | 20 | 526 |  | 70 |
| Shediac .......... | 18 | 540 | 36 | 16 | 285 | 100 |  |
| Port Daniel..................... | 24 | 720 | 48 | 18 | 623 | 250 |  |
| Adse a la Barbe............... | 10 | 450 |  | 11 |  | 200 |  |
| Anse aux Gascons ........... | 19 | 570 | 35 | 15 | 536 | 250 | So |
| Total. | 252 | \$7430 | 502 | 232 | 4934 | 1850 | 433 |

COUNTY OF

enies of the ©ounties of Gaspe and Bonaventure, the Coast of Labrador, the north shore St. Lawrence, in 1863.


RIMOUSKI.
电 of Eish caught.



27 Victoria.
GASPÉ, 1863.


COUATV 0 F
Coast of Eubrador, and Forth shore


SAGUENAY.
of the Gulf and River St: Lawrence.



Statement shewing the number of Seal Fishing Stations on the North Coast of the Gulf of St: Lawrence, with the names of owners, etc., in 1863.


SEAL UISHING WITE BOTTOM NETS.


Total Amount of:Seals taken in the Gulf of St. Thamrange, in 1863.


WHALE OIL.
Product of the Whale Fishory, by schoonors fitted.in, tho Port of Gaspe:14,400 gallons, at 65 ets:
\$9360.00.

## RECAPITUJATION.

## Value of the Produce of Canadian Fisheries in the Gulfand Lower St Tamrence,

 for the fear 1863.

* On pages 133, 135 nd 136, for Catfish read Hake.

CONTINUATION OF THE LIST OF EISH OF THE GULF AND RIVER ST. LAWRENCE.

PERCA FLAVESCENS.
French-Perche.
Popular name in Canada-Perchaude.
English-Perch, Yellow Perch; Common Perch, of the order of Acanthopterygii; of the family of Percidre; of the genus Perca.

The Perch is one of the best fresh water fish we have, and appears to mo not to be well appreciated in Canada. It is widely distributed on the whole surface of the globe, and is common in almost every river, stream, lake and pond of Europe, Asia and America.

It is also very common in the River St. Lawrence, and in almost every river running into it, and in our lakes. It is also found in the Gaspe rivers and in those of the north coast of the River St. Lawrence, but according to the Indians frequenting these places, this variety of the family of Percidx is most numerous in the fresh waters of the interior.

The Perch is well known by its compressed body, elongated towards the head and tail; by its brilliant colors, yellow, with greenish or gold tinge; by its dark vertical bands, to the number of five or eight, across the back; and by its bright and various colored fins.

This fish, as the name of the order in which it is classed shews, has very strong spinous rays, especially at the first dorsal, which is entirely composed of them and is used to defend itself against other fish.

It spawns about spring time, and is very prolific; there being found in the ovaries of a female fish of this species over a million of eggs.

Wild game wage a continual war against the small fy in the lakes and rivers, and destroy an enormous quantity.

LABRAX IINEATUS, PKRCA SAXATILIS:
French-Bar rayé, centropome rayé.
In Canada-Bar.
English-Striped Bass, Sea Bass.
Of the order of Acantropterygii; of the family of Percidx; of the genus Labrax.
The striped Bass is, incontestably, after the salmon, one of the finest and most delicious fish frequenting the River St. Lawrence and some of its tributaries. It alter nately frequents salt and fresh water, where it breeds during the spring. It sometimes attains an extraordinary size; frequently some have been caught at different parts of the River St. Lawrence, and especially at Sorel Islands and near Crane Island, Weighing from 25 to 30 pounds, and even more.

On the coast of the United States they are said to have been found of a still larger size; and in some ancient works on ichtyology, which I consulted, Bass are spoken of as having reached the weight of 50,60 , and even 80 pounds. William Herbert, in his work on "Fish and Fishing of the United States" mentions that he saw one of 43 pounds.

Its color is bluish brown above, silvery on the sides and beneath. But what distinguishes this fish are black parallel lines along each side from head to tail, to the number of from seven to nine, making it one of the nost remarkable species of the genus Labrax.

The Bass, which properly speaking is a salt water fish, is also found on the south shore of the Gulf of St. Lawrence and in the mouths of the rivers falling into it; it is caught in great quantities in Nova Scotia and New Brunswick.

Although this fish is said to frequent the large streams of the Canadian shore of the Bay of Chaleurs and Gaspé, no attempt, to my knowledge, has bee made to fish for it.

## gasterotus biaculeatus.

French-Epinoche.
Popular name in France-Savetier; and on the shores of the Gulf of St. Lawrence, Picassou.

English-Two-spined Stickleback.
Of the order of Acanthopterygid, of the family of Mailed Cheeks, of the genus Gasterosteus.
This curious little fish, being from two to two and a half inches long, and halfaninch
thick, is found in the rivers and brooks of the Gulf of St. Lawrence, and the species has numerous kinds in Europe as well as in North America.

The varicty now described, and which is caught in great quantities in the small rivers, brooks and Barachois of Magdalen Islands; where it is used as food for cattle and as manure ( 400 barrels were caught last year in the barachois of Basque Harbour, Magdalen Islands) has two free spines on the back, of a quarcer of an inch long, and a third but smaller, near the dorsal fin. The ventrals, represented by a single ray, look more like two strong spines than like fins. The siues and the body are protected by over twentyfive plates; forming a kind of cuirass, so that the Stickleback, besides being very active in its movements, is furnished with offensive and defensive arms, which causes it to be feared even by fish larger than it.

This fish is said to be a dangerous enemy to the Pike; it suffers itself to be swallowod by the latter, then with its spines inflicts, either in the mouth or inside, wounds grave enough to oause death.

But what makes the Stickleback still more remarkable is, that unlike all the other fish which deposit their ova cither on the mud or gravel, agglutinating them to aquatic plants it builds a regular nest to receive its vory numerous eggs; the male fish boing entrusted with that work. Several fomales lay their eggs in this nest made of little sticks and stalks of grass, cemented together with the mucus that oxcludes fromits skin; but a single male impregnates all the oggs of one nest, and he has to defend them against the voracity of other fish, and evon, it is said, of the females themselves, till they are hatchod. The vigilance of the male ceasos when the young are able to do for themselves and provide for tineir own safety.

The color of the Stickleback varies greatly, being generally dark olive-green above, gradually intormixing with light greenish and yellowish on the sides.

On specimens found in Esquimaus Point brook, on the north shore of the Gulf of St. Lawrence, I counted

$$
\text { D.2.1. } 11 ; \text { P. } 10 ; \text { V. 1; A. } 1.8 ; \text { C. } 12 .
$$

Fronch.-Hémétriptere, Crapaud de Mer, Tetavels; Diables de Mer.
English.-Sea Raven, Acudian Bull-head, Sea Sculpin.
Of the ordor of Acanthopterygii; of the family of Mailed Checks; of the genus Chalot or Cottus.
This hidcous but bcautifully lemon-colored fish, varied with rod, is found on our Gulf shores, and is often caught in fishing for cod. It is very voracious in its appetite, and feeds on the fry of other fish and on young codish, causing sometimes great inconvenience to our fishermon. As soon as a certain number of Sea Ravens congregate on the bottoms where cod fishing is going on no more cod is caught, and the fishermen are obliged to cast their lines elsewhere.

The variety now described is not so common on our shores as the Cottus Scorpias included in my list of fish of the Gulf, in 1862.

A Bull-hcad caught last spring in Pleasant Bay (Magdalen Islands), was of a reddish color, varied with brown, measuring fourteen inches in longtb; its enormous head was furnished with spines intermixed with irregular cavitics, and on each side with cutancous peudants, giving to the fish a repulsive ugliness.

The first dorsal is very long; indeed; it is actually two connecting dorsals. The first is composed of sisteen very uncqual spinous rays, and the second of thirteen; the pectoral fin cighteen rays; the ventral two rays preceded of a spine; the anal thirteen, and the caudal sixteen.

The Bull-head has the property of sweling up its body to an astonishing cxtent, especially when provoked. Its Hesh is good, though not used in Canada.

TAXNNUS VULGARIS.
Erench-Thon.
English-Tunny, Allicorc, and Horse Machercl.
Of the order of Acanthopterygii; of the family of Scombrider; of the genus Thynnus.
This fine species of the family of Scombride inhabits the seas of Europe and North

America. It is found in the Mediterranean Sca; it boing well known to the Phocnicians, who fished it on a large soale; also in the Black Sea, on the shores of France and-British Islands, in the Baltic; on the coasts of the United States, Nova Scotia, Newfoundland, and in the Gulf of St. Lawrence.

It enters Bay do Chaleurs and Gaspe Bay. I have often met it in the Straits of Belleisle, and sometimes large shoals of them off Blanes Sablons Bay.

The Tunny often acquires a very large size, and some are recordod of eight and oven nine feet in length, weighing over 500 pounds; but the ordinary size is from five to-sis feet, and the weight from one to one hundred and fifty pounds.

This fish has an elongated form similar to that of the common mackerel, and its robust fius make it one of the best swimmers of 'our waters; whilst chasing shoals of small fish which constitute its ordinary food, it is seen springing out of water to a height of five or sis feet:

Color:-Upper surface blackish; sides silvery; boncath pale white Scalos on the anterior part of the back, in front of the dorsal, and beneath the pectorals, very large.

The flesh of the Tunny is considered delicious food, and is something betweon fish and meat, being pretty much like veal; the most delicate part of the stomach. It is caten fresh, salted for export or pickled with oil or salt; so prepared, considerable quantities of it are exported from France and Italy.

It is captured in the Mediterranean Sea, and especially on the shores of Provence and Sicily, with large nets called thonaires, and others called maulragues, nearly similar to those used by our own fishermen in seal-fishing on the coast of Labrador. They consist of chambers made with nets, in which the fish is driven-sometimes in considerable quantities; they are then killed with spears or fire-arms. Tunny fishing is one of the great amusenents of rich Sicilians; who come from the interior at the time of the fishing, to witness the killing of sometimes several thousand fish.

The Tunny is also caught with the line, especially on the Basques' shore. The boats being under sail, a sardine, or a pieee of cloth resembling a sardinc, of which the Tunny is very fond, is tied to the hook, the fish being very greedy swallow it at once, and they are pulled on board, but not without difficulty.

Tunny fishing begun but a few years ago in the Gulf. A few are speared overy yoar in Gaspe Bay. They are more abundant in Bay des Chalours and off Caraquette, in the month of August, when herring appears. For three years past the fishermen at this place have caught a certain quantity of them, and this year as many as onc hundred; using for that purpose strong steel hooks, tied to solid lines and baited with herring. It is a vory exciting but tiresome fishing, and requires a good deal of skill; the Tunnies, in their efforts to escape, pull with such violence that if the fishermen has not taken the care to tie the line to $a$ pin in the boat, he runs the risk of being hurt or carricd overboard.

The Tuanies caught on the shores of Gaspe are eaten fresh. At Cariquctte a certain quantity was saltod and sent to Quebec, but it being the first time, its value could not be fully appreciated. Let us hope that it will be otherwise another time.

BLENNIUS GUNNELLUS. GUNNELLUS VULGARIS.
French.-Gonelle Tullaiare:
In Canada-Anguille de roche.
English.-Spotted Gunnel. Butter-fish.
Of the order of Acanthoptorygit; of the family of Gobidce; of the genus Blcnnius group Gunnellus.
According to information collected on the shorcs of the Gulf and the Lower St. Lawrence; this fish which resembles the eel, has seldom an average length of more than seven inches. It is found on the sea-shores under stones and in the apertures of rocks left dry by the tide; under sea-weeds, the moisture of which permits it to live for several hours out of its natural element. The body is covered with a thick coating of macus of the consistenoe of butter, from which is derived its English name of Butter-fish. The flesh of this fish is not eaten in Canada, Elthough said to be good. It is used in England as bait for larger fish, and could be employed similarly here. The dorsal is very long, extending nearly to the caudal On specimens procured from Little Meccatina River, I counted seventy-nine rays, and beneatl, a series ofblack spots, to the number of ten gener-
ally, distinguishes this fish. The anal fin is composed of forty-four rays, and extends to the caudal; numbering nineteen rays; the pectoral cleven, and the ventral only one.

The color is extremoly fugacious, bcing generally purplish brown and yellowish brown.

The Butter-fish is found in the Northern scas, in Europe, in America; and Valenciennes has described sixteen species.

## LOPHIUS PISCATORIUS.

French-Baultroie, Raie pêcheressc. Diablc de Mcr.
English.-Angler. Fishing-Fhog or Frog-Fish. Sea Devil. Bellovos-fish. Monk-fish, Of the order of Acanthoptcrygit; of the family of Lophidae; of the genas Lophius.

The Angler has a still more repulsive aspect than the Bull-head, and is easily known by its enormously wide and depressed head, by its nouth, armed with very large and sharp teeth, and by the three first rays of its anterior dorsal fin, which entirely project beyond moving freely on the head, and forming a kind of appendage or crest, which caused it to be termed Lopliius by Aristotle.

The stomach of this fish is very large and its appetite is most voracious. It is generally couched close to the hotiom, buried in the sand, and draws toward itself with its appendage the fish, which it does not fail to catch with its mouth. It gencrally feeds on fish, mollusea and crustacea.

The Angler inhabits the seas of Europe and North America. It is also found in the Gulf, but is seldom caught with the hook or net, and the specimens found arc those generally thrown on the coast when they come too near the shore looking for. food. On account of the smallness of its gills, this fish can live long out of water.

The curious fish exhibited at Quebec three years ago, the name of which nobody knew, and which had been caught at Anse des Duncs, on the coast of Labrador, was nothing but an Angler. Another fish of the same species was also found two years ago at Long Point, near Mingan.

The ordinary size of the Angler is from three to four and a-half fect.

## OTENOLABRUS OERULEUS, CRENILABRUS BURGALL.

French.-Le Ctenolabre chogset.
English.-Common Bergall. Blue-fish. Blue perch. Cunner.
Of the order of Acanthopterygiz; of the family of Labridos; of the genus cténolabrus.
This pretty fish is generally scven or eightinches long: of a blueish color, passing occasionally into bronze, with bright mietallic bars on the sides. It is commonly seen on the shores of Gaspe and Bay des Uhaleurs, and especiaily in the harbour of Paspebiac and in Gaspe Basin, where it is very improperly named Tanche.

It is easily caught with the line with any kind of bait, and is an excellent fish.
The Cunner is common on all the shores of America from Delaware Bay to Newfoundland. It is also found in Europe.

On the specimens caught at Paspeniac and Gaspé Basin, I counted the following number of fin rays:

$$
\begin{array}{r}
\text { D. } 18.10 ; \text { P. } 15 ; \text { V. } 1.5 \text {; A. } 3.9 \text {; C. } 15 \frac{2}{2} \\
\text { CATOSTOMUS COMMUNIS. }
\end{array}
$$

French.-Catostome. Improperly called in Canada, Carpe.
English.-Common Sucleer.
Of the order of Malacopterygit abclominales; of the family of Cyprinide; of the genus Catostomus.
The common Sucker is an important group of the genus cyprinus, belonging exclusively to America, and was well described for the first time by the celebrated French naturalist, Lesueur.

It is known that the real carp was not to be found in America bofore having been introduced in to the United States, which was done by means of live fish of the species being conveyed about thirty years ago from France and placed in some lakes of the State of New York, and in some parts of the Hudson River, where they increased in an extraor-
dinary manner They may perbaps have found their way by coming through the canals and rivers joining the Hudson with the Richelicu and St. Lawrence Rivers; but I am not aware of their having been seen in our country.

The common Sucker is one of the commonest fish of the Canadian waters, being found in the River St. Lawrence, in all its tributaries and in every inland lake. There are a great number of varieties. Those called Frencl Carp and Scabby: Snout Suctecer, are excellent food:

This fish is found in the rivers of Gaspe and Labrador, but generally in small numbers. It is abundant in the interior lakes of these places, and constitutes one of the principal articles of food of the Indians during the winter season. It is perhaps most abundantin: St. Augustin and Pachachoo rivers; it is easily caught in this last named river.

## FUNDULOS VIRIDESCENS.

French.-Fundule.<br>Popular name of the Gulf shores-Barbeau, Choquemort.<br>English.-Big Killifish, Minnow, Minny.

Of the order of Malacopterygii addominales; of the family of Cyprinido; of the genus Fuindulus.
The Minnow is a very pretty little fish, a quick swimmer, and is found in abundance on the Canadian shores of the Gulf, and probably also in the other British Provinces, in the salt water creeks and brackish streams, which it seems to prefer to fresh water. According to Valenciennes, the Minnow is peculiar to America, and is besides viviparous; it must not be confounded with the European Leuciscus phoxinus of Cuvier. It is caught in large quantities with nets or scoop-nets at Point Daniel, at the barachois of Malbaie (en bas), in many other places on the shores of Gaspe, and also in the Magdalen Islands barachois and creeks, where it is very useful as a bait for cod, when other bait fails. The specimens I got last year from Amherst Island were from three and a quarter to four inches long, to three quarters of an inch thick, and of the following description:-

Body elongated, cylindrical, flattened above and compressed on the sides of the tail. Scales large-(it is the opposite of the European Minnow, whose body is covered with minute scales, according to Xarrell), larger on the head than on the other parts of the body, and extending to the end of the snout. Lateral lines very obscure. Head small, flattened above. Eyes large, distant; pupil black. Nostrils form an oblong slit just anterior to the orbits. Mouth small but very protactile, with a somewhat vertical aspect. There is something similar to a lip on the upper part of the mouth. Fine toeth on the upper and lower jaw.

The dorsal fin placed far back, over the anal, quadrate, and composed of eleven raye. Pectorals rounded, and containing from seventeen to eighteen rays. Ventrals, six rays. Anal, eleven rays Caudal fin, twenty-nine rays, broad and short.

Color:-Olive-green above, mottled, and lighter in color on the sides, silvery white under the belly, tinged with yellow on the abdomen. Opercles, pectorals and ventrals light greenish yellow. Irides yellow.

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ALOSA TYRANNOS: ALOSA VERNATIS.
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French-Gaspareau:
English-Alewive, Gaspareare.
Of the order of Malacopterygri abdominales; of the family of elupidoe of the genus Alosa.
This little group of the genus Alosa ppears on the shores of the Bay des Chalcurs, where great quantities are caught in the spring during the herring fishery. tt is easily known by its resemblance to herring, being nearly of the same size, by its bright silvery scales, and especially by its elongated body, and compressed and serrated abdomen.

The flesh is excellent to eat when fresh; it is also good pickled; and will keep very long.

The Alewive sometimes appears in the lower part of the River St Lawrence, 1 n some rivers on the coast of Labrador, and especially in Grand Meccatina river But it is most abuedantin New Brunswick and in some rivers of Nova Sootia; a pretty large quantity being salted for export. In Canada it is consumed on the spot or used as bait for cod, being considered nearly as good as herring for that purpose

## ESOX RETICULATUS.

Freuch-Brochet.
English-Pike, Pickerel. Of the order of Malacopterygii abilominales; of the family of Esocida; of the genus Esox.

Few fish are so common in Canada as the Pike, being found in the River St. Lavwrence, and in almost all of our rivers and lakes.

The ordinary length of the Pike varies from one to three fuet, and its weight from one to six pounds, but it sometimes grows to a larger size, and some are ought weighing fifteen pounds and over. Its formation, strength, and the disposition of its fins make it a rapid swimmer. Its extraordinary voracity, the sharp and numcrous teeth of its large mouth, its instincts of depredation, render it the terror of other fish. Not only does the Pike swallow a large number of fluvial fish of its species, but it also feeds on animals of small size, aquatic birds, reptiles, \&c., \&e." It is the fresh water shark.

The flesh of the Pike is white, firm and delicious to eat, especially when the water is cold. It propagates prodigiously, and as many as 140,000 eggs have been counted in the body of one female. Tts spawn is deposited in the brooks during the spring, and the ova is promptly hatched.

Although an ordinary inhabitant of rivers, lakes and ponds, the Pike sometimes appears in the sea, aud the salmon fishormen of the rivers of the Gulf will sometimes catch them in their nets, of a very large size. From the information received by Indians frequenting the interior of Labrador, this fish is found in the upper part of several rivers falling into the Gulf of St. Lawrence, and in the lakes of that part of the country.

Its color varies - in some it is decp green, varying to blackish on the back and head, or bluish grey ; in others it is of a golden yellow, especially during spawning time.

It is fished with nets in the lakes and rivers, and also with lines having live or artificial baits. The apparatus called till-devil is especially much used.

Rod-fishing for Pike is most exciting. It is one of the favorite amusements of a grat many of the sportsmen of the interior of Canada, though very far from equal to salmon or trout fly-fishing, but this last enjoyment is not within the reach of every one.

## ESOX ESTOR.

> Fronch-Maskinonge.
> English-Mfashaionge, Ituscollunge.

Of the order of Malacopterygii abdominales; of the family of Esocide; of the gonus Ebox.
This variety, the largest perhaps of the genus $E$ sox, is abundant in the large lakes of Canada and the United States, and in many places of the River St. Lawrence. They occur also in several lakos north of the Rivor St. Lawrence, in Lower Canada, and as they are somctimes caught in the salmon acts of the Labrador rivers falling into the Gulf, one is inclined to think that it inhabits the upper waters of these stroams, and the lakes where they take their sources. The flesh of tho Maskalonge is everywhere considered most delicate and exquisite; cren many people consider it equal to salmon. What has been said of the voracity and destructive instincts of the Pike, apply with still greater force to the Maskalonge ; its larger size giving it more strength than the former, and its wide mouth furnished with long teeth render it a most dangerous comy to fish frequenting. the waters it inhabits. This fish spawns in the spring, deposits its ova in small streams in preference to large rivers.

Its color is generally deep greenish brown, darker on the back; paler on the sides, with numerous rounded, destinct, pale yellowish or greyish spots on the sides.

Its ordinary size is from one to three feet, and its weight from five to fifteen pounds; but some are often scen reaching the size of four feet and over, weighing as much as forty pounds.

SCOMBERBSOX.
French-Scombrésoce.
English-Bill-fish. Mackerel Garrick. Skipper.
Of the order of Malacopterygii abdominales; of the family of Esocido; of the genus Scomlieresox.
Specimens of the Bill-ish are often found dead on the shores, and especially at New-
port, Gaspe, St. Augustin and on the coast of Labrador, generally during sumner at the time of the appearance of Mackerel. This tish is remarkable on account of the soout formed by its elongated jaws; the lower being more so than the upper, which presents some resemblance to a bird's beak. The dorsal and anal fins arise far back and are nearly equal in length, and the lower rays are composed of spurious fins or finlets, as in Mackerel or Tunny.

They appear on the United States coast, and are very common in the European seas; and especially in the Mediterranean sea, comprisiag soveral varieties, the type of which is the Scambresox saurus. Ours is probably the variety described by Dr. Storer, and called from his name, Scombresox Storeri.

The length of the Bill-fish is generally one foot; its color green on the back and head, and silvery beneath. It is said to be good to cat.

## COREGONUS ALBUS.

French-Poisson Blanc.
In Europe-Lavaret.:
English-White-fish and Gizzard fish.
Indian name in New Brunswick-Attihawmeg.
Uf the order of Malacopterygii abdominales; of the family of Salmonidx; of the genus Coregonus.
The White-fish occure more in the lakes than ius the rivers. It is most abundant in the large lakes of Canada, especially in Lake Huron, where fishing for it ir carried on on a large and advantageous scale, and it is also found in all the inland waters of the northera part of our continent, as far as the Arctic Ocean.

Several of our lakes, and amongst others Lako Temiscouata, are renowned for their Whitc-fish, and they appear in the St. Lawrence and some other rivers falling into it; being vory common in the inland lakes of Labrador. They sometimes go to sea and are often oanght by Canadian fishermen at the mouths of the rivers flowing into the Gulf. They are seen perhaps the most often in Little Romaine River.

The White-fish is so well known here that it is useloss to give a long description of it. It will suffice to mention that its ordinary sizo seldom oxceods a foot and a half in length, and its weight five pounds; although some are taken weighing as much as fifteen and twenty pounds.

Its color is greyish blue or yellowish brown above, with grey spots before the dorsal; sides and belly white.

One of the two specimens I studied, which had been caught in the St. Lawrence, was nine inches and a half long, and two inches and aguater thick. The line rays wero as follows:

$$
\text { D. } 13.0 ; \text { P. } 15 ; \text { V. } 12 ; \text { A. } 13 ; \text { C. } 190 .
$$

The other specimen measured twelve inches, and was three and a half inches thick.
Fins: D. $14.0 ;$ P. $14 ;$ V. 11 ; A. $13 ;$ C. $19 \frac{0}{6}$ Caudals forked.
As in the other species of the family of Salmonida, the sccond dorsal of the Whitefish is formed of an adipose substance, without rays.
moraiua pruinosa. gadus toncodus.
French-Petite Morue. Improperly called Lioche, in the lower parishes, and Poulamont on the coast of Gaspe.

English-Tom-cod. Frost-fish.
Of the order of Malacopterygii sub-brachiati; of the family of Gadidoe; of the genus Morrhua.
The Tom-cod is found in North America, on ncarly all the shores and in nearly all the rivers from the latitude of New York to Hudson's Bay, and perhaps in the Arctic Ocean. They entor the mouths of the rivers in the fall or early in the winter, to reach the fresh water, sometimes at a considerable distance from the sea. The females being then full of eggs and the males of melt, these pretty little fish undoubtedly repair to fresh water for the purpose of spawning and are then met with in thick and numerous shoals. Inced not mention that they are asavory and healthy fish, this is too well known
in the lower part of Canada East, where they are cauglit in large quantities with lines, scines, nets and boxes. This last named apparatus is used with much success at Champlain and the neighboring parishes on the north shore. They are mostly used there as food; some are sold or used for feeding cattle.

The Tom-cod is most abundant in autumn on the coast of Gaspé, in Bay des Chaleurs especialiy, at the mouths of the rivers and barachois. But on account of the limited consumption, they are fished for only during a few weeks, merely to satisfy the wants of the inhabitants of the adjoining localities. In the lower parishes of the south shore they 'appear in summer as well as in the fall, and are caught in large quantities during the minter when they arc Lept fresh by being frozen.

The small size and softness of the flesh of the Tom-cod preventsit from ibeing pickled. It must, therefore, be eaten fresh and cannot be brought far during summer. They are kept frozen in winter, care being taken to kcep them as much as possible from the contact of air.

According to some United States naturalists there are scveral varieties of the Tomcod, and the one I examined, though nearly the same as that described by De Kay, diffors in the number of the fin rays. Our variety has

$$
\text { D. } 18.16 .18 ; \text { P. } 17 ; \text { V. } 6 ; \text { A. } 19.19 ; \text { C. } 26 \frac{5}{\overline{5}}
$$

and De Kay's,

$$
\text { D. } 12.20 .18 ; \text { P. } 17 ; \text { V. } 6 ; \text { A. } 20.18 ; \text { С. } 37
$$

The size of the Tom-cod varies from six to twelve inches, and sometimes morc.: They are as voracious as the large cod, and feed on all little fish. I found in the body of one of them measuring elcven inches, a bass two and a half inches long, and a carp of four and a half inches.
mota inornata, iota vulgabis.
Trench-Lotte commune Lotte de rivicre.
In Canada-Loche.
English-Plain Burbot. Eel. Pout:
Of the order of Malacoplerygii sub-brachiati; of the family of Gadido; of the genus Lota'.
The size of the Burbot, better known in Canada under the name of Loche, ranges from one to three feet. It closely resembles the Eel, but the body is more developed.

Color, dark brown, the head being almost black ; ordinary sized moath, armed with numerous minute teeth. The first dorsal and the caudal very long. The specimen furnished to me was thirteen inches long, and the fin rays were as follows :-

$$
\text { D. } 12.7 ; \text { P. } 19 ; \text { V. } 7 ; \text { A. } 64: \text { C. } 43 .
$$

The flesh of the Burbot is good. It commonly occurs in the River St. Lawience, and is taken in brush fisheries or with the line, in winter as well as in summer.

I did not meet with the Burbot in the Gaspe and Labrador rivers, but have been informed that it often appears there; and the finest species of fish abounding in these places; no attention whatever is paid to it.

## CYCLOPTERUS LUMPUS. LUMPUS VULGARIS.

French-Cycloptere Lump. Lump. Gros Maillet.
In Canada-Poule d"cau.
English-Lump fish. Lump Sucker.
Of the order of Malacopterygii sub-brachiati; of the family of the Suckers; of the genus Cyclopeterus.
The Lump fish is often found on the shores of the River and Gulf, after high storms and sea winds, when thrown on the coast with masses of sea weeds and other aquatic plants. It also occurs in the brush fisheries along the coast as far as Trois Pistoles, and even higher up.

The Lump Sueker is remarkable for its very grotesque form, and its flesh is soft and fabby. Instead of scales the body is covered with minute tubercules';and the sides with three series of large ones.

Its color varies muoh; the commonest beiner greenish blue. Some are red, with the exception of the belly; which is white; this led to the belief that there were several
species of this fish. Some naturalists pretend that the Lump fish going to sparn in red, and the spawning being over, they return to the blueish color; whilst others hold that the males are always red, and the female's blue: This is certainly a wroug assertion, for eggs are found in the bodies of the Lumps of both colors.

The Lump fish are generally one foot long, but measure sometimes tho feet, and weigh ns much as trienty pounds; they are short and thick, and being bad swimmers on account of their shape, are preyed upon by seals, sharks and other large fish.

The first fin is corered with a thick skin, and closely resembles a himp. The second dorsals, anal and caudal are comparatively small. The ventral has a peculiar shape; the rays united beneath form a sucker, resembling an oval and concare disk, which pernits them to adhere firmly to the rocks or any solid substance. The pectorais are very broad, partially concealing the disk of the ventrals.

The flesh of the Lump fish; especially in the spring, is very healthy and good, cut in slices and fried in butter. It is sometimes served on the table in Bay des Chaleurs; but, to my knowledge, I am not aware of its being used elsewhere in Canada, as food. In Europe it is considered a great delicacy, and is seen on the fish markets along with the highest. prized fish.

## CYCLOPTERUS LYPARIS. LIPARTS VULGARIS.

French.-Liparis.
English.-Unctuous Sucker. Sea-snail.
Of the Order of Malacopterygii sul-brichiati; of the family of the Suckers; of the genus Liparis.
The Unctuous Sucker is very common on the consts of France and England. It is a smail fish with an elongated body, compressed behiod and almost entirely covered with a semi-transpatent loose membrane. This exterior membranc being taken off, the skin looks yellow and entirely covered with black spots; the belly is tumid.

On the specimens obtained at little Meccatina, found amongst rocks covered witb sea-weed and left dry at ebb tide, measuring from one and three-quartiers to two inches in length, I saw no lateral line, and the fin rays, which are very difficult to count, were as -follows:

$$
\text { D. } 26 ; \text { A. } 19 ; \text { C. } 22 .
$$

Having no magnifying glass with me, I could not count those of the pectorals or ventrals.

What makes this fish remarkable is a sucker placed under its belly, shaped like a disk, and having at its circumference thirty bony papillæ covered, as in the Lump-fish, by the extremities of the pectoral and ventral fin rays, by the help of which it adheres to the rocks.

The flesh of the Unctuous Sucker, though not excellent, is nevertheless considered as good on some parts of the French coast.

## actpgnser oxyriminchus.

## French-Esturgeon à lec pointu.

Known in Canada under the name of Ecaille or Maillé.
English-Sharp-nosed Sturgeon. Common Sturgeon.
Of the order of Chondropterygii; with free branchio; of the family of Sturionidx; of the genas Sturgcon.
This species of the family Sturionidza much resembles the common Sturgeon of Europe (Acipenser Sturio) and is peculiar to North America: It has beca well described by Lesueur.

The ordinary size of the Sturgeon is from two to three feet, but larger ones are often caught: It is at once lsnown by its elongated snout, its numerous and strong plates, varying in number according to the age of the fish, and resembling spinuous shields, corering its body in five series, one on the back, two on the sides, and two underneath: Mouth beneath the soout, transverse, without teeth and very protactile, with barbels under the snout. The dorsal fin rises far behind, is pretty large, and deeply concave at its margin. Pectorals short and obtusely pointed, ventrals still smaller, anal pointed, caudal fan, with
its upper lobe elongrted, which makes the tail of the Sturgeon resemble that of sowe species of sharks.

The flesh of the Sturgeon is rerg healthy and agrecable, although disliked by many in Canada. It is the reverse in furope; where it is highly estinated, and prescred salted and piekled. This fish is very common in the whole of the St. Lawrenco, and in many streams emptying into it. At certain periods of the year it is caught in great quantity. It is olten seen on our markets.

There is another specics of Sturgeon commouly called here the racer, having a rounded and shorter snout than the shap-nosed Sturgeon, with less projecting seales on the body. It is probably tio Acipiaser bevirostrib of Lesueur. Having had no opportunity of examining it' L. caunot give a description of it.

Sturgeon of ary large size are often caught on the Gulf shores resenbling very much the variety known in Europe under the name of Acipenser: Sturio. It is the common Sturgeon of Wustern Europe.

I hope to be able next year to get aspecimen in the Gulf, to make a minute study of it in order to determine its species.
lamya cornubica. squalus cornubicus. sqalus punctatus. ramna punctata.
Freach.-Squalo-nez.
English.-Porbeayle or Beaumaris Shark, MacKerel Shark; Green-backed Sharri, Of the urder of Chondropterygii; with fixed branchie; of the family of Squatitace; of tho genus Lamia.
The Porbeagle occurs in the waters of the Gulf of St. Lawreace, especially during the summer, when chasing shouls of mackerel, on which it feeds; and in spite of the well known agility of the maokerel, they canot escape its pursuit.

The Porbeagle is voracious, its large: mouth furnished with sharp and curved tecth enables it to scize its prey with easc.

Body cylinuric and fusiform, head comparatively small, terminating in a pointed and turned up snout, to which it owes its uame of Squale-nez. The dorsal is high and very strong as woll as the pertorals. Dine caudal is formed of two nearly equal lobes. The distinguishing feature of this varicty of shark is a projectiag keel on cach side of its tail.

General color, slatish grey, lighter on the sides and white underncath. Ordivary sizc, from five to eight fect. $\Lambda$ Porbeagle was caught last spring at Magdalen Islands, in mackerel nets, measuring seven feet. The ficsh was vory fat, being more like veal than fish-we tasted it on board, and found it excellent. Several others were caught this year on the Gulf shores.

The stuffed shark exhibited at, Quebee and Montreal belonged to that variety, and had been caught off Matane.

## squalus aceantiras. stinax acanthras.

French.-Aiguillat Vulyaire Shion de Mer
English.---spinous Duty fish. Doty-fish.
Of the order of Chondropterygii, with, fixcel branchiee : of the family of Squolidos; of the genus Spinax.
The Dog-fisi, which is very common on the shores of the Gulf during the summer, in viviparious, as ascertainu by an wa the coast of Jabrador. It is generatly caught with the liue fu glaws trequeated by the cod, which flies at its approach.

The bob fish is not so numerous as formerly, to the great satislaction of our fishermen, whose ats were often broken into picces by these disagreeable visitors.

About ten years ago there used to be a great quantity of them caught at Hagdalen Islands in the fall, and its large liver gave a highly prized oil. Its flesh is hard and unhealthy, and is kept dricd to teed the cattle during the winter.

The Dog-fish very much resembles the other sharks, but its size is seldom over two aud a half foet, and rubust spiucs are paced anterior to each dorsal fior, which they use with greataexterity to mound then euemies. They have bo anal fin.

Color.-Slate above; abdomen greyish white.

Oar fighernen pretend that the wound of the fin spines is venomous, and fear it much. I could aot ascertain the veracity of this opiniou, and the naturalists I have consulted do not mention it.

The Dog-fish occuss in Europe as well as in America, and is found in the northern seas.

RALA INTERMEDA. RATA OCETLATA.
Frevch-Raie Tachbetée.
English-Ocellated Ray.
Of the order of Chondropterygiz; of the family of Railize; of the tribe Raïa.
Duriug the month of October last, I got, at Bryon's Island, where this species of firb is very common, several specimens of this variety of Rays.

Here follows a short deseription of the largest:

| Length of the body, |
| :--- |
| "" tail, |
| Thiskness of the body, |
| Distance from the end of the snout to the mouth, |
| Breadth of mouth, |

Branchial apertures, five on cach side, underucath the stomach; pectorals large; ventrals divided in tro lobes; two dorsals on the tail; mouth transverse, and furnished at the uppor jaw with four series of large truacated base teeth, and with five series at the lower jaw.

Color-Upper surface light brown, with ocellated. black spots from one half to three quarters of an inch in diameter. From each side of the back, and six inches distant from the median line, there is a large spot formed by two joined ocella; the interior one being one inch and a half large, and the other, one inch. The anterior part of the abdomen, at a distance of one inch from the median line, is covered with minute black spots like a crescent, and nine in number, oach being about one iach and a half in length. The inferior part of the abdomen, at a distance of two inohes from the median line, is covered with twenty-one or twenty-two black spots, forming a slightly curved line towards the posterior part of the ventral.

Snout pointed, and covered with spines, a certain number of which are also seen above the eyes, and on the anterior part of the back From the posterior of the back about a third of the way down, there is a weli-developed series of robust spines, increasing towards the tail, and alse two lateral series on the same. The abdominal cavity small, and pearly filled by the enormous liver.

This specimen weighed foriy-five pounds. The others were smaller, having nearly the same appearance.

## PETROMYZON.

French-Lamproie.
English-Lamprey.
Of the order of Chondropterygii, with faxed branchie; of the famity Petromyzonidx; of the genus Petromyzon.
There are several varieties of the genus Petromyzon, nearly all found, probably, in Canadian fresh and salt waters; such as the sea and fresh-water Lamprey; according to information received. I cannot give a description of these tivo varieties, having none in my possession.

The Lamprey I examined was caught in the River St: Lawrence, below Quebec, and appeared to me to be the same as the small European Lamprey or Sucet (Petromyzon Planeri Bloch), and the small Lamprey of De Kay, called Petromyzon appendix, al. though I did not find this appendage at the anterior part of the caudal fin, from which this species was called Petromizon appendix by the author above cited. It might have been on the fish when alive, but destroyed by the rough handling of buyers and fishermen.

Characteristics of this fish, Length, eight inches.-Seven well defined branchial apertures: Eyes, moderate. Irides yellow. A spiracle on the top of the head, anterior to the eyes: Mouth (opened), circular, armed with numerous ncurved and sharp teeth.

On one side of the throat one large and semi-circular tooth, with seven well-developed points; on the other side, a group formed of threc large tceth, two on the same row, the other farther in the throat. Only one dorsal, beginuing at the centre of the bauk. (This feature distinguishes this species from the Petromyzon Americanyis and Nignicats of De Kay, having two distinct dorsals.) The anal fin is uearly one third of the dorsal.

Color-Dark plumbeous above und along the sides, somewhat puler underneath. Fins, cark brown.

I hope to be enabled next year to describe the other species of Lampreys found in the Gulf and rivers that fall into it.

The Lamprey is well liked in many parts of Europe, and especially in Franco, where a large consumption is made. The Sea Lamprey is preferred; its flesh is more delicate. As an article of food it is hardly known here, as well as in the other British Provinces; Whilst in the United States it is held in high estimation, and is often seen on the table of the epicure.

The Lamprey appears to be very prolific, and they ascend streums in the spring to deposit their spawn.

## FIRST VOYAGE.

Eatract from the Report for 1863.


June 17. At House Harbour.
H. M.
18. Left House Harbour. ...... 400 a.m.
"18. Anchored at Amherst Harb'r $700 \mathrm{a} . \mathrm{m}$.
" 18. Left Amherst ...... ....... 315 p.m.
: 18. Anchored at Entry Islarid . . $830 \mathrm{p} . \mathrm{m}$.
18. Left Entry Island. .......... 9 9 30 p.m.

- 18. Anchored at the Basin, Am-
herst
11.45 p.m.

19. Left the Basin ............ 9 a 30 .m.
" 20. Crossed from Magdalen Islands to Paspebiac.
20. Anchored at Paspebiac..... $500 \mathrm{p} . \mathrm{m}$.

- 22. Left Paspebiac. ........... 400 p.m.

4 22. Anchored at Bonaventure. . 600 p.m.
"، 23. Left Bonaventure. .......... 300 p.ro.

- 23. Anchored at New Richmond 1000 p.m.
"24. Left New Richmond....... 200 p.m.
:، 24. Anchoted at Dalhousie .... 710 p.m.
* 25. Left Dalhousie. ............ 2' 00 p.n.
(25. Anchored at the Mission. .. $615 \mathrm{p} . \mathrm{m}$.
" 26. Left the Mission ........... 915 anm.
(i) 26. Anchored atPointa la Garde $1130 \mathrm{a} . \mathrm{m}$.
" 26. Left Point a la Garde. - . 230 p.m.
" 26. Anchored at Maguasha...... 3.45 p.m.
" 26. Left Maguasha. .......... 1000 p.m.
ir 27. Anchored at Carleton. .... : 400 a.m.
" 27. Left Carleton..... .22 p.m.
" 28. Anchored at Paspebiac.... 1115 a.m.
" 29. At Paspebiàc.
" 30 . Left Paspebiac. .......... $530 \mathrm{p} . \mathrm{m}$.
July 1. Anchored at Port Danicl.... 9 45 a.m.
$"$ 1. Left Port Daniel ............ 915 p.m.
". 2. Anchored at Little Pabos... 400 am .
«2. Left Little Pabos.......... 1000 a.m.
:" 2. Anchored at'Perce ........ 500 p.m.
'" 3. Left'Perce .......... 400 a m.
" 3. Anchored at Gaspe Basio...II 30 a.m.
"4. Left Gaspé Basin........... 400 a m .
$\because 4$ Arrived at Grand Grève . . . . $100 \mathrm{p} . \mathrm{m}$.

4. 4. Left Grand Grève . . ....... 200 p p.m.
"4 Anchored at Point St. Peter $630 \mathrm{p} . \mathrm{m}$.
"4. Left Point St. Peter $\quad \therefore 1000$ p.m.
" 5. Anchored at South-West Point
of Asticosti......... 430 p .


Aug. I. Visited Salmon Bay in a boat.
2. Ieft Bonne Esperance. 900 am
3. Visited Bradore Bay
4. Left Bradore Bay. . . . . . . . . 10130 a.m.

Anchored at Blancs Sablons. 11 a.m
Blancs Sablons.
6. Anchored at' Old Fort. . . . 500 p.m.
7. Left Old Fort. .............. 915 a .m.
7. Visited in a canoe Lizotte's
fishery, Dogr Island and
Bay des Rochers.
7. Anchored at Nabisippi R. . . . 415 p.m.
8. Left Nabisippi River.........530 a,m.
arrived at Chicataca.
8. Arrived at Portage Harbour. 1200
8. Left Portage Harbour... .... 0,30 p.m.

Anchored at St. Aurastin..
10. do do

1. Left St. Angustin.
(Pacachoo) ........... 830 a.m.
'I1. Anchored at Kilkapoe, . . . 11.45 a m.
IL. Left Kilkapoe..... . . . . 0 a 30 am.
2. Arrived at La Tabatiere. . . $000 \mathrm{p} . \mathrm{m}$.
3. Anchored atMatton Bay.... 300 p.m.
4. Visited Grand MeccatinaR. in a canoe.
5. Left Mutton Bay.. ....... 15 am.
6. Anchored at Whale boats' Harbour (St. Margaret Is-
lands) Whaleboats, Haraour (contrary winds.)
7. Left Whale-boats Harbour.. 5 20 a.m.
8. Anchored at Caacoachoo....3 (10 p.m.
9. At Coacoachoo (contrary wind).
10. Left Coacoachoo. .
11. On our way to Mingan.
12. Anchored at St. Charles Is. land

0 15 p.m.
21. Left St. Charles Island...11 00 a.m.

2i. Anchored at Esquimaux Pt. 600 p.m.
22. Left Esquimaux ${ }^{r}$ Point. ... 1100 a m .
22. Anchored in Mingan EHarbour $30 \mathrm{p} . \mathrm{m}$.
22. Left Mingan Harbour . 500 pm .
2. Anchored at Long Point.-.- 40 p.
23. Anchored at St. Johns River 8.45 a m.
23. Left St.Johns River. . 100 a .
23. Anchored at Magpie River. 0 I5 p.m.
24. Visited"Ridge Point and the Harbour.
24. Anchoredat ThunderRiver. $400 \mathrm{p} . \mathrm{m}$.
24. Left Thander River $\quad 0.15 \mathrm{pm}$
24. Anchored at Shelldrake -7.00 pm .
25. Anchored at Moisie. 0 . 8 30 a.m.


[^9]M. M.

From the 1st to the 28 th of September, we remaind in Quebee oa the 25 th, our masts being fired, we took provisions on board, and got remy to start on the nest day.

## SECOND VOYage. <br> Exinact from the Report for 1863.




Nov.16. In the harbour unrigging the a. m. Schoonor.
"1.7. do do
" i8. To Government wharf.....6600.m
" 24. The "Canadienue" is put in dock.
" 2c. The "Catadicne" is towed to Palace Harbour.

LIST OR FISEX, \&C. ANNEXED TO TUE REPORTOE 1893.
Perch,
Bass,
Stickleback,
Sea Raven,
Tunny,
Eutter Fish,
Angler,
Common Bergall,

Comuion Sueker,<br>Big Killifish, Alewive, Pike, Maskalonge, Bili-fish, White-fish, Tom-cod,

Plain Burbot, Lump-fish, Unctuous Sucker, Sharp-nosed Sturgcon, Forbeagle, Dog-fish, Spotted Ray, Lamprey.

APPENDIX No. 41.

## KEPORNS OF FTSIERE OVERSEERS.

Saguenay Distriot (North shore.)-The services of an Overseer for this district Were dispensed with, and the duties performed from head quarters:

Godbout District (North shore)-Alexander Comeau, Overseer-Reports failure of the cod-fishery for wat of bait. The gield, of galwon has increased. Has no infractions of the fishery laws to report.

Moisie Distmer (North shore).-David Godbnat, Overseer--Reports scarcity of codfish; and that, compared with the yield of last year, the salmon fishery has fallen off. The fishery laws wore duly observed.

Mingan Drstrict (North shore).-Joseph Beaulieu, Overseer.-Reports the cod tishing not so good as last year, and the salmon fishery about an averare. Some dieiculty had been caused by the Indians at Mingan River, througa their having set several nets in the river, contrary to law, and which the lessees of the stream romored and partialls destroyed. Elsewhere, no material infringements of the fishery laws occurycd.

River du Lout Drstrig (North shore).-Altyel Blais, Ovorscer.-Reports an almost incredible increase of sulmon cuptured along the coast between loint Levi and Rimouski. The take of other bishes of inforior value vas aiso great. Upwards of 300 fishing stations were visited, and the proprictors were required to comply with the law, as regards net-work and gap in brush weirs. Twelve prosecutions were brought. Suggests some alterations in the pattern and placing of fish-passes on mill dams. Remarks that great destruction of fry and small fishes, and the ova of shad and herring, \&c, takes place for use as manure.

Matapedia Drstricin (South shore)- Alezander Fraser, Overseer- Reports large quantities of salmon cuptured in cousequence of the preseuce of a schule of white porpoises which scared the salwon into shoal water along shore, where they became entangled in the nets. The want of laws or regulations to restrict within reasonable bounds the pet-fishing in Now Brunewick waters, renders futile almost any endeavors on the part of Ganadian authorities to preserve from destruction the salmon of Restigouche river and its tributaries. Has succeeded in preventing Ludians and others from sparing the few salmon still left in the Matapedia and Casupscal rivers.

Nouvelee Distriot (South shore)-A. MeEwan, Overseer.-Reports the take of salmon as larger than list year.

Mabia District (Suuth shure)-F. Cook, Overseer.-Reports catoh of codfish as decrased, and that of salmou increased, since last year.

New Richmond Dismerci (South shore)-H. W. H. Dimock, Ovarseer-Reports that the cod and salmon fisheries have been somewhat less this year than last Additional restrictions and fewer nets, rather than scarcity of salmon, have occasioned apparent falling
off in the latter fishing. The Indians have been prevented from spearing salmon for barter or sale. This has had the effect of increasing the stock in rivers within his district. He, however, draws attention to the killing of foul fish during the spriag mouth;, whilst returning trom their spawning grounds.

Pabos District (South shore)-J. M. Remon, Oversecr-Reports inerease in catch of salmon, and the cod and herring fishery as (on the whole) better chan last year.

Port Dinier Drstryct (South shore)-William Phelan, Overseer.-Reports cudfish as scarce ; but herrings and mackerel plentiful, and the salmon fishory improved.

Douglastown District (South shore).-Bernara Couly, Oversecr.-Reports improvement of fisherics, and illegal fishing as sarcely knowa.

Gaspe Basin Drsiriot (South shore)--T. Byle--Reports catch of end, mackerel and salmou as diminished. States that large numbers, of trout are killed through the ice, alter the close season established by law.

## APPENDIX NO. 42:

## Extracts from Reports of Surveys in Tower Canada: township of bomleau.

The township of Boilleau is situated in the county of Chicoutimi, its sonthern limi being the 48th parallel of latitude, and is traversed by the road leading from St. Urbain a parish ou the River du Gouffre, and adjoining the parish of St. Paul's Bay, on the River St. Lawreuce; on the east and west sides the township is bounded by wasto lanils of the Crown, and on the north by the projected township of Ferland.

The grand Lake Ha! Ha! lies nearly centrally in the township, the outlet of which discharges into the Bay Ha! Ha! on the northerly border of which liss the prosperous village of Grand Bay.

The grand Jake Ha! Ha! conoects by a small straun with the little Jake Ha! Hil! both pressuting, especially the larger lake, and towards its northern border, some available (although more or less clevated) lands for settlement.

Mr. P. L. S. Gideon Gagnon, who surveyed this township, reports as follows:"Througlt the whole extent of my survey I found the soil in the neighborhood of the lincs I rau to be of good quality, in some places consistivg of blick strong mould, and in others of a rich yeliow earth. There are, huwever, some localities where the land is rocky, but still generally fit for cultivation and settlement. The lind is well covered with hard and soft wood, black and white birch, ash, red and white spruce, white and red pine, etc.
"Roads could be opened between the ranges with great advantage. I would also suggest that a colonization road should be opuned from the St. Urbain road to its intersection with the little Lake Ha! Ha! and following its western shore and thit of the great lake Ha! Ha! as far as the middle of the township of Boilleau, and thence reaching the settlements of Grand Brale. This road would be of great use to the settlement of the township of Boilleau, especially to establish the lots in the north-west portion of the township, a great part of which are fit for cultivation. The climate of Boilleau is farorable, frost setting in only late in the autumn.
"The lakes in this township abound in trout.
"The most eligible site for a village reserve would be at the mouth of the discharge of Lake Ha! Ha!
"Good mill sites will be found on all the rivers in this township."

## TOWNSHIP OF TESSTER.

The township of 'Tessier lies in the rear of the seiguiory of Matane, on the south side of the St. Laryrence, in the county of Rimouski. It is bounded towards the southwest by the township of Matane, and towards the north-enst by the township of St. Denis, and in rear by the waste lands of the Crown.

The River Matane, which intersects the first range of the township from ueat the southerly corner of the seigniory of Matane, with its numerous tributaries, irrigate and fertilize the lands in, the township, the general claracter of which is most favorable for settlement and cultivation. The surface of the country, although occasionally undulating,
is not intersected by any cousidcrable mountains, as will appear from Mr. P. L. Surveyor Grondin's report of survey of that township:-
"On approaching the River Matane the soil is generally bad over some of the lots, with the exception of some platenux along the borders of the river where the alluvial soit is very rich and productive? In every other direction the land is level and covered with wood of the fincst growth and quality, such as maple, birch (blackand white), ash, spruce and elm, nourished by a calcareous yellow soil, pretty rich in the south-west part of the centre linc, while on the north-east the soil is alluvial and well adapted for cultivation. I have no doubt but that this township will be speedily opened for settlement, as there appears a grat desire on the part of the settlers, encouraged by the richness of the soil, to hasten their clearance, as fast as could divide the lots in the first range.
"The means of communication supplied by the Government to the settlers, by opening a road as far as the third range, affords them easy access to these lands; the neighborhood of Matane an easy and uscful mode of exit; with the addition of the quality of its soil, are sufficient reason for securing the speedy settlement of the township. It is to be regretted that the portion of the road already laid out should not have been located on a line regularly traced, to aroid the difficulties always occuring in these cases."

## TOWNSIIP OF FALARDEAU.

The projected tomnship of Falardeau, situate in the county of Chicoutimi, is of irregular figure, comprising the arable land extending from the rear boundaries of the townships of Simard and Tremblay to the base of the mountain range, skirting the right bank of the River Margurite.

The surveyor, Mr. P. A. Tremblay, in his report of survey, describes the geueral quality of the land sub-divided into ranges and lots, as follows :-
"The examination I was cnabled to make in the coursc of my surveying operations of the land in this township, has convinced me that it is not for cultivation, and that the part sub-divided contains all the arable land, I therefore discontinue the survey.
"The land generally is even, but very rocky even in the marshy parts; on the hills are extensive quarries of lime-stone, in several places there are bare masses of granite similar to that of Which the mountains in the north are composed. Near the lakes and over the quarries the timber is well grown, which doubtless deceived those who asked for the survey of the township.
"The few lots situate between Lake Olair and lake Charles, being composed of good land, have also led into error those persons who have visited these lakes which abound with fish."

## TOWNSHIP OF OTIS.

This tornship is situated on the south side of the River Saguenay, in the county of Chicoutimi, and is bounded on the west by the township of Barat, on the east by waste lands of the Cromn, and on the south by the projected township of Ferland. It is traversed along its sonthern boundary by the Malbaie and Grand Bay road, along both sides of which lots have been let off for actual settlement. The report of Mr. P. I.S. J. O. Tremlay describes the general character of the land in this township as follows:-
"The land on the linc betrecen the townships of Otis and Casault, on the centre line, and south-easterly outline of Otis, is very uneven and uncultivable. On the exterior line I crossed numerous small lakes bordered by hills of various heights, which apear to extend some distance to the westward. The breaks produced by these lakes, and the high grounds surrounding them, by the loss of land they occasion, will alrays be a serious obstacle to the opening up the good lands which lie around them. The same slope appears to extend considcrably to the east, and suggests the same description of land; at the sate time the lukes are less numerous along the road and the land more level; the high ground is composcd of yellow clay, and the valleys of black mould. At the south-east end are several mountains which are intersected by the interior lines.
"On the Malbaie road, from No. 1 to No. 14, although the land is not level, the lots are taken on both sides, and some of them already cleared. The land is swampy above for some distance, but the swamp only extends over a few chains of the second range, and does not retard the settlement of the lots. With the exception of some rocks near the Lake des Islets, the rest of the lands along the Halbaie road are of good quality and some of
them are taken; they are all watered by numerous streans, some of which are sufficiently large to afford good water porers for a flour or saw mill.
"On the 3rd, 4 th and 5 th ranges, the soil is geaerally good, except the north-west part adjoining the township of Bagot, over an extent varying from one to two miles, where the surface is broken and rocky, and some hills cover a cousidcrable extent of ground. The cuality of the wood and soil and general appearance of the land leave no room for doubt as to the speedy settlement of these lots; and I may add that, if tho Government opeas roads across theso lands, the squatters; who have already made some extensivo clearings on the borders of the Lake Utis, will follow the progress of the clearing of the road to settle themselves on it, and those now on the range lines will follow their example.
"The extensive valley situate to the south-east of the mountains, which border the Saguenay over a distance of many miles, extends as far as the high mountains of Lake St. John, ucar the limits of the township of Otis, taking an east and west direction and with the large Jake Otis, Lake St. John, the Lake des Islets, and the Jac it Garth, offers a eplendid view, and assures to the cultivator a splendid field of operations, certain to remburse for his labor as soon as it shall be opened.
"The 6th and Th ranges do not offer quite the same advantages, as they are more distant from the roads of communication; but as soon as the roads asked from the Government are made they will at onec bo settled.
"The soil is wool to the south-etst of Iake Otis, as fur as the limit of the township or thercabouts, especially ou the heights abovo the lake; in high mountainous localities some lots might be incligible. To the north-west of the lake a great amount of land is uncul-tivable-there are a number of broken rocks and rocky hills. On the banks of the outlet of Jake Otis there is some good land in various places, but it is mostly taken up before the survey; there is also plenty of maple on the hills in this direction.
"Tho banks of the Niver Saguenay at this point are very high, consisting of lofty mountains, extending over a mile; this land is all uncultivable, except in the bay formed by the outlet of Take Otis, where settlements may hereafter be made. There is already a :aw mill built at this spot.
"The valley to the north-west of the 7 th range, to whicli $Y$ allude in my notes of survey, would also amord a range of rood latd, and which, if surveyed, would certainly be at once taken up. Alter a topographical surrey of this territors, $I$ have formed an opinion of the value of the land which resubjoin : -
"Trom the centre line as fur as the limit of the township (range 1 and rauge $A$. escepted) the land is of good quality and favorable to cultivation, there is havdly any loss. All these lots are taken and will bo purchased as soon as offered for sale by the Goverament:

Ta the other parthore is some loss, but quite enough left to form some good settlemnts, several of the lots licre are taken. The pine rood is not of much value and is very scarec, there arc a few red spruce and scattered pines, but in other places wood fit for building is found in large quantities, as well as red spruce, cedar and maple.
"Some bencvolent persons, having the encouragement of colonization at heart, have visited this locality for the purpose of establishing saw mills. If their project were carried out, it monld have the effect of opening up and speedily settling these lands."

## TOWNSEIP OF CABOT.

This tornship is situated in rear of the 'seigaiories of Metis and Lepage, in the county: of Rimouski, and is wounded on the south-west by the township of Fleuriau and on the north-east by the tomaship of McNider, on the south-cast by the waste lands of the Crown. It is traversed by the Kempt $\mathrm{r}^{\text {toad leading from the parish of Metis on the St. Lawrenee, }}$ to Lake Matapedia.

The part now sub-divided iato lots and ranges constitutes the residue of the trownship lying in rear of tho soigriory of Metis and lying between the rear of the Kempt road range and the township of Macnider. The nature of the soil and timber in which part is described in the following extract of the report of Mr. P. L. S. Bradley:-
"Having completed the sub-division of the lots in the 1st, 2nd and 3rd ranges, and in a small portion of the fourth, I also ran the range lines in rear of the lots whose dircc. tion had been changel, so as to prevent encroachments, and to avoid disputes and conficting claims betwen settlers. For the same reason I also verified and renewed that
part of the reai line of the lots on the Kempt road which intersects diamozally the third range as far as the Matapedia road and from thence to the south-casterly lateralline of lot 37 , in the fourth range, which has been so far obliterated from fres which have destroyed the large woods, that the settler would be unable to find it.
"The cquality of the soil is well suited for cultivation through tho whole cxtent of the Metapedia road which I have surveyed, although little gravel is to be found, mincipally on the hills. The surface is gencrally undulating on the line of the roud, but is generally level on buth sides:
"The principal woods aro spruce, pine, birc?, and hoce and there maple and cedar. The nature of the soil varics with the woods; there is a large amount of luan, succeded by a claycy soil covered with black mould. The sall, in fact, is excellent, and $I$ have an Toubt that before loog these lots will be all taken up. The new Matipedia road will be of great udvantage to scttlers, and for this redson $I$ am of opinion that ucv sub-divisions should be nade beyond the present limits.
"Starting from the post on the intersection of the north-east hac of Cabot with that of the seigniory of Metis, I verified and traced the division hise between HeNider and Cabot, which I found very much grown over and obliterated (bearing south $45^{\circ}, 30^{\circ}$ cash, :istonomically) as far as the lots laid of on the porth-cast side of the Komptroa, planting rasge posts at the cod of every mile, and thence to the intervection of the Kempt roal. where I planted a houndary stoue aud post duly iuseribed. Through the whole lengeh of this inde the land is excellent and vely lovel from the southerly sumnt of the banks of the River tartigou, as fut as the Kempt road. Tartigou is bomaded by very high banks. but the slope is gentle; the same feature does not:apply to the banks ou the south, which are crossed almost perpendicularly, which renders this part of the cighth range totally unf for cultivation. The banks of the River Blanche (White river) whieh also intersects this line, hare no rreater eleration, the sides are on the coutring very level and allow of am overflos of water ia the spring, A large amount ol wood for the mills is futud on these rivers, which are cleared for this purpose from their soures to their mouths.
"The rrevailing woods are spruce, pine and codar, with sone miple, bireh, bhack and white, here and there.

## Matapedia road line in the rownsha of onbot.

The new roal opened by Governont from the parish of St, Flavie, through the townships of Eleuriau and Cabot, to its junction with the old rond, now called the Matapedia Road, being found to run in a transverso direction to the ranges of the old surveged part of the township of Cabot. An alteration was effected ia the direction of the lots, so as the lots in ach of the ranges sotraversed by the new road should front thereon. A description of the land surveyed is contained in the following extract from Mr. P. S. Surveyo: Bradley's report of survey:-
"In my survey of the line between the Sth, 9 th, 70th, 11th, 12 th and 18 th xarges of Cabot, I found the soil gencrally excellent, fertile and woll adaptel for cultivation.
"The surface of the land is also generally level, the River lartigou alone is bordered by high cliffs mostly very steep, from which circumstance its bauks are little adapted fo: cultivation in the lower ranges, but ou the summit of these cliff are extensive plains rhose surface is uabroken by cither mountain or hill of any elevation. On these plains (plateaux) the land is very rich and oflers more than ordinary cucouragenent to cultivation. The provailing wood is hard-wood, birch, maple and spruce; the latter is abundat, and is pretty extensively employed by the timber merchants of the country.
"This tornship holds out real inducements to settlenent, aud I have no doubt that this part of it will soon be occupied by hardy and courageous settlers."

## TOWNSEIP OE EGAN.

This tornship is situated on the west bank of the Gatiocau yiver, in the county of Ottawa, and is bounded on the south by the towuship of Maniwaki, ou the noth by the township of Lytton, and on the wost by the division line between the counties ot Ottara and Pontiac. It is watered by the Desert river and its tribataries. A descrition of the land in which township, is containct in the following extract from the report of Ar , P J. S. O'Hang's survey of that township:-
"It is situated in middle latitude $46^{\circ} 30^{\prime} \mathrm{N}$. and about $76^{\circ} 15^{\prime} \mathrm{W}$. longtitude from Grecurvich. It contains an area of 75,750 acres liuglish or statute measure, being equal to 1187 square miles. Of this 73,570 acres, equal to 115 square miles, have been subdivided into farm lots:

6 This township is naturally divided into two sections, which may be designated the eastern and western, by the River Desert, which intersects it from north to south. The castern, the largest section, comprises the peninsula formed by the Rivers Deserts and Gatincat. It is likewise the most fertile portion of the township. The lind, with few exceptions, is well adapted for argricultural purposes, and embraces rery few lots unfit for settlement. It is clothed with a thick growth of wood, varying in species and quality according to the quality of the soil and situation. Hardwood and pine predominating where the soil consists of gravel or mixed clay, sad and gravel, and grecuwood predominating where the soil is cxelusively clay, and the country champagac. Here are to be found flourishing nearly all varietics of Canadian timber, and may be classitied in the order of their preponderance as follows : Balsam, spruce, birch, maple, basswood, elm, ash, oak, tamarac, white birch, poplar, pine and cedar. Fomlock is rarely found, and then ouly in barreu situations, dwarfish and stunted. There is vory little pine except adjacent to the River Gatincau, and that of an inferior order, all the good quality being already manafactured. The surface is for the most pant level or slighty undulatiag, without any rages of mountains, and with the exception of one iustance, cast of Balsam Lake, the hillocks to be met with are more undulating.
"The soil ou both sides of the River Desert is chicfly clay, im many cases covered with loan. In the interior, between the Gatincau and Desert rivers, it is a mixture of clay. sand and gravel, and, therefore, the most avalable for the indigent settler. Aloug the Gartincau there are considerable tacts of rich alluvial deposit. Limestone is frequently met along the Rivers Gartincau and Desert; I think it is not the chrystalline, but rather helongs to the class called protoroic.
"The westera section comprises that portion west of the River Desert. Alung the River Desert, varying from 12 to 2 miles, the land partakes of the character of the cast side, and is equally well fit for settlenent. Westward the surface is more broken and the land inferior, culminating iu barrenuess towards the county line and suath of the base line, along the Eagle river rauges. This portion has but few limited patches of good hand. The good land on the vorth of the base line is hore frequent and of greater extent; and though in many pheces rugged and rocky, it contains a considerable portion of good land. The soil in this portion cuasists chiefly of gravel or sand. The surface is broken, rocks, irregular hillocks, alternating with marshes and lakes.
"Taken as a whole, the township is well adapted for settlencut, at least as far back as the Sth range; and if a good road was made from Ottawa city to the desert, it would very soon be occupied. There are already many settlers alone the River Gatincau, the end range, aud along the Desert. Many others, whose names I have buen unable to ascertain, have made small patches of improvements in lavorable localities, who do not reside on them. These kinds of improvements are known as taking pusiession.
" Firom the continued and almost unvarying sterility of the rear of the township, I was constraiucd to desist from its further subdivision, wor would I have persisted so far were $I$ then possessed of the knowledge I now have, but which can only be obtained by expericnec. Thus is the surveyor placed in a most anomalous and difficult position; consistently with his duty to himself and the public, he cannot youture to pronounce any portion of the country, on mere hearsay, unfit for agricultural purposes without a consciousncss bused upon facts of his correctness. From the nature of the surface he is unable at any one place to see but a very limited area; neither cau he devote his time to explorations, and consequently can only ascertain its true character in the process of survey.

## TOTFNSHITS OF DITTON AND CHESHAM.

The situation and boundaries of these townships having been given over the extructs of Mr. P. I. Surveyor O'Dwyer, contained in the uppendix to the Comainsoner of Crown Lands' report of the surveys performed in Lower Canada, duriag the yar 1862, it is here only necessary to remark, that the following extracts of the report of $\mathrm{Mr}, \mathrm{D}$ wyer have
reference to the survey and sub-divisions of the residues.of those townships, performed and returned in the jear 1863, lying north and south of the ranges set off on cither side of the Bury and Arnold river colonization road line, within the lateral limits of both towniships:-
"In treating of the natural features and capabilities of the tract of country surveyed, each township may properly be considered by itself.

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DITTON-RIVERS AND NOUNTAMAS.
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"The principal rivers of Ditton are the Salmon river, divided into cast and south brauches, with its tributary, the Ditton river, which also divides into the Ditton and Little Ditton. The width of the Salmon river, at low water, is from 15 to 50 yards, and that of the Ditton river from 8 to 20 yards. Both are subject to sudden rise and fall, and overflow the low lauds along their banks to a considerable extent. The Salmon river is large enough for floating large timber to market It is ascended by fishing boats at the lowest stage of water, aud offers a ready medium for trausport to setters along its banks. The Ditton riyer is obstructed by bars and "jams" at low water, but in the crent of settlement could be inuch improved.
"The meadow lands aloug the banks of the Salmion and Dittun rivers are very considerable in cstent, and, though partiaily subject to overflow in certain localities, will form rich lands for settlement.
"The Megantic mountains occupy a very large tract in the north-east corner of Ditton; the ucst is entirely unfit for settlement, and, in consequence, was uot sub.divided in the present survey. These mountains extend into Chesham, Marston add Hamdon; a good quality of granite is found around them, and good spruce timber.

## Lamber and Water Power.

"Pine luuber, iu considerable quantities, was formerly found in Ditton, but within a few years past the greater portion has been taken away, so that but litule comparatively remains. A very excellcut quality of spruce timber is found in inexhaustible quantitics in various parts of the tuwnship, with a heavy growth of birch and mable in the higher tracts.
"A uumber of mill sites are to be found in various parts of the township of Ditton, sufficient for the wants of settlers and manufacturing purposes, it required:
"The following is a list of the will sites that became known during the survey, and which, without doubt, do not conuprise all that may be found mithin the limits of the township :-
"No. 1.-Good mill site ; lot No. 21, ※nd ranse, upon a swall stream called "Galt's river.'
"No 2--THolcrable nill site; lots Nos. 35 and 36, 2nd range, upon a small stream called 'Mountain 13rook.'
"No. 3-Good mill site; lots Nos. 52 and 53, 5th rauge, upon a large brook.
"No. 4.-Very good will site; lot No. 51, 6th range; same brook as No. 3. Fine Water fall of 30 or 19 fect in about one chain of distance.
"No. 5.-Very grod nill site ; lots Nos. 41 aud. 42, 8th range on Ditton river, heavy rapids and fall.
"No. 6.-Several good mill sites; lots Nos. 38 to 40 ; 9 th range, on Little Ditton river.
"No. 7.-Vcry guod mill site; lot No. 56, 7 th range, on south branch of Salmon rives; strong rapids and fall.
"No. 8.-Very extcisive water power; lot No. 55, Tth range; great falls of south branch of Sulmon river; contivuous very heavy rapids and falls's portions nearly perpendicular, amounting to about 50 fcet of fall in four or five chains distance.
"Of the foregoing localitics, Nos $4,5,6$ and 8 offer the best water power, while No. 5 is the most favorably situated, with respect to present settlement, being in good settling laud, coutiguous or belonging to the bottom lands along the Salmon and Ditton rivers. This lucation, in fact, was- if I'an not mistaken-settled upon with a ciew to parchasing, shortly after the sub division of Ditton was completed.
"The general quality of the soil and timber, whether good or bad, being minutely
exlibited upon the plan and in the ficld-book of survey, it will be sufficient herein to gire a more comprehensive, view of those parts that are best adapted to settlement at the presen' time, taking the different ranges consecutively:-

## First Renije.

"Some good settling land aloug Newport and Mampden; theu a vein of poor land, intermixed with some tolerable patches, crossing the road line; very good land at the ear of the lots on the cast side of the road line, and gencrally pretty good land to Salmon river; a belt of very poor land on the cast side of the river, with a strip ol tolerable land adjoiniug Hamrden, near the foot of the Megantic hills, at No. 39 ; theucu rough, broken, mountainous land to Chesham. Nray be settled from Newport to Sulmon river, more or less.

## Second Range.

"Fine settling land from Newpurt, about 14 luts east, takiug in the road, line, This tract extends south-easterly ncarly eight or nine miles, varying in width, and, taken together, forms a large and advantageous block for settlement.
"Jrom No. 14 to Salmon river is generally poor ; from Salmon river, poor again. Some four or five lots, to the high lauds at the base of the mountains, about No. 38 , whence there are seven or eight lots fit for settlcment, to the Megantic Mills, at Nos. 38 to 4.3 , which occupy the remainder of the lands to Chesham. Tro mill-sites are found in this range, viz., on lots Nos. 21 and 25.

## Thirll and Fourth Runyes.

"These ravges are advantageously situated, frontiog on the Hampden and A nold river road line; and the greater portiou of the land from Newport to Samon river, a distance of over four miles, is well adapted to scttlement, whilo much of it is of the finest quality. From Salmon river, cast, the laud - with the exception of a strip alones the river -is not good, except in occasional small patches, till reaching No. 48 ; thence commences a tract of good settling land in the 4th range, exteudiug into the 5th, which ruvs easterly to Chesham.
"The fine bottum lands along Salmop river commence in the 3 rd rauge, increasing in width southerly along the river.

> Fijih Rengc.
"In the vicinity of Nowport, this range-and wore particularly the southern part-is poor, and unfit for settlement.; At No. 10 commences the good tract noticed in the 3 rd and 4th ranges, which extends ncarly to Salmon river, over 3 miles, and is mostly very good, arable land. Southerly, this tract of good land catends to the north line of the south-west quarter of Wilton; and, eastcrly, joins to the meadors lanis on Salmon river. The meadows on the 5 th range are more liable to be overflowed than clsewhere, but they still form a tract of very good land, while every lot includes more or less of high land.
"To the cast of Salmon river, and beyond the meadors, the rquality of the land is nut uniform; good and poor patches occur alternately, cnding at Chesham line aud to the south of the east fork of Salmon river, in a ridge of fisc ligh lands.
" A good mill site is found in the 5th range, on lots 52,53 ; the forks of the Wiltun and Salmon rivers oceur in this range.

Sixtlu Kange, Ditom.
"This range contains but 19 lots, from the soith-west quarter of Ditton to No. 53 , where the 6th rango is overlapped by the 5th and 7th ragere. The lurger portion is good land, including some of the finest bottoms of Ditton and Salmun rivers, rhich are but little liable to overfiow in comparison to their extent. A good mill site is found in 6 th range, on $\operatorname{lot} 51$.

## Eighth Fianyc:

"The 8th range has some finc land at the westeru extremity, and on the north side as far as Ditton river. To the west of the Ditton, from No. $4 t$ to Chesham line at No. 43 , the greater portion of the land is poor and unfit for scttlement, with the exception of a small tract along Chesham line, to the south of the sonth branch of Salmon river. The 8th donge has a woll-situated good mill site on the Salmon river.

## Ninth Range.

"Some tolerably good Jaud along the south-rest quarter, and some better land on the south side of the range, from No. 34 to No. 4 S , between the Little Ditton and Ditton; poor land east of the Ditton, to within four lots of Chesham, where there is a start of good land. There are several good mill sites in this range, on the Little Ditton.

## Tenth Range.

"Good settling land along the south-west quarter, and quite a tract of land, mostly good, on the south side of the range, from No. 34 to the Ditton at No. 49. This tract appears to extend into Einberton. There is a strip of good land along the Ditton, and thence mostly poor land to Chesham.
"The main portion of the settling land in Ditton lies west of the Salmon river, extending continuously in a south-easterly direction, from the western extremity of the 2nd range to near about the 8th range, and including the meadow lands on the Salmon and Ditton rivers. Besides this suan tract there are smaller patches and t acts of considerable extent, particularly in the 4 th and 5th ranges adjoining Chesham.

## CHESHAM RTVRRS AND MOUNTAINS.

"The rivers in Chesham are small streams, being the head waters of the Salmon and Aroold rivers. They are not of sufficient size to be of much use for lumbering purposen, but they furnish severul good mill sites for the use of settlers.
"The Megantic mountains take up a small portion of the north-west corner of Chesham and the south-east quarter is very much broken up with the boundary mountain and ridge or spurs, extending from them in various directions.

## Lumber and Tater Powcr.

Vers little fine timber, comparatively speaking, is to be found in the township of Chesham, but spruce of an excellentiquality, is abundant, with maple and birch in large quantities in the most parts, except in the south-west quarter of the tornaship, where dark timber principally prevails. Water-porrer, sufficient for the wants of settlers, is not lacking. The following is a list of the mill sites that were noticed during the survey:-
"No. 1. Tolcrable mill site, lot No. 4, 3rd range, on the west fork of the east branch of the Salmon river. This stream probably furnishes others in the vicinity.
"No. 2. Tro or three good mill sites on lots 38,39 and 40,4 th range, on fork of Arnold river ; heavy rapids and falls.
"No. 3. Good mill site, lot No. 2,6 th range, on east branch of Salmon river ; rapids and falls.
"No. 4. Tolerable mill site, lot 14, 8th range, on fork of south branch of Salmon river.

> Arable Lands, First Range, Chesham.
"The western extremity of this range is taken up to the extent of 8 or 9 lots by a portion of the Megantic mountain range, on the easterly slope of which there is, however, some fine settling land; then easterly to Clinton is a large tract of land, generally fit for settlement, with the exception of some small triets or patches. This tract extends northeasterly into Marstou.

## Second and Third Ranges.

"A very fine tract of settling land lies on the sonth-east slope of the Megantic mountains in these ranges, and between the forks of the east branch of Salmon river, joining to a good tract in the 4th range of. Whitton: A belt of dark timber and poor land is found near the east fork, and extending north-easterly. Farther to the east is high and undulating; the ridges generally well-wooded, and adapted for settlement throughout to Clinton, except the southerly part of the 3rd range, near Clinton.

## Fourth and Fifth Ranges.

"Good land adjoining Whitton in the th range, and gencrally very good land in the northern part of the range to No. 39, Where a belt of stony, dark timbered land is found extending to Clinton. This range begins at lot 21 , upon a ridge of hardwood land,
adapted to settlement, to lot No. 31 ; thence nore broken with small tracts of excellent high lands to No. 41, and then high underwood land, generally fit for settlement, to Woburn line. Several good mill sites are found in the th range, on lots 38,39 and 40 , which form a desirable location.

## Sixth Ran"ye.

$"$ A great portion of this range, from Whitten to No. 21 , is generally poor, dark timbered land, a small part stony, Whitton excepted. The easterly part of the range, from lot 21, to Woburn, is mostly rough, broken land, with good valleys and patches of samall extent, not generally farorable to settlement, except a portion of the northern side near Woburn:

## Seventh ambl Bighth Ranges.

"Very little land for settlement. Suall patches of good land are found in the hilly parts, but the greater portion is rough and broken, dark timbered, stony land, unfit for settlement. Some well-timbered, hurdrood ridges are to be met with, but they are generally stony.

## Ninth and Tenth Raniges.

"The great part poor land, and very rough and mountainous to the east, near the Province line. A good tract of land extends from No. $\$$ to 24 , between the tro ranges, which is better adapted for settlement than the same extent in any part south of the 5 th range. The southern part of the 10th range runs up to the height of land which forms the Province line, and is in great part rough, broken land.

## Undivided Iract, or Gore, along Eniberton and south of Tenth Range:

"This remnant or gore of land, within the boundaries of Chesham, is a uarrow strip between the Province line and the east gore of Emberton. It contains about 2400 acres, and is mostly rough, mountainous land gencrally unfit for tillage. Some finely wooded ralleys are to be found within it, but theso are mostly very stony:

## Conchiding Remarks-Diton.

"From what has been shewn in detail it may be seen that the township of Ditton offers good inducements to settlers throughont a considerable portion of it, and although in the north-cast and south-enst, quarters there is a great amount of waste land; yet there is much land of a superior quality along the Salmon and Ditton rivers, which being considered in connection with the abundance of water power, there would seem to exist no natural impediment to this township being opened and settledup as rapidly as any of the neighboring townships, and perhaps with greater rapidity.
"Should the vorthern and western parts of the township of Emberton, which is yet mexplored, contain good land for settlement to any considerable amount, the settlement of Ditton would be still further facilitited by the survey and opening to settlement of the adjoining township of Emberton.
"The Hampden and Arnold rivor road was opened during the season of 1862, and completed to a point somewhat orer half a mile into Dittou, atd in consequence a good deal of land in Hampden and the 1st and Znd ranges of Whitton was very shortly after taken up. The bottoms along the Sulmon and Whitton rivers are also settled upon in various places, nearly as soon as surveyed, with a view to purchase by actual settlers.
"In view of these facts, it is much to be recommended for furthering the more rapid development of the resources of Whitton, that the road line surveyed in 1861 with such modifications, if any, as may be found expedient, should be opened as far as Silmon river during the present season, a distance from the termination of the part of the road already completed of something less than six mifles.
"The Salmon river, being thus rached by a good travelled rod, would open a natural highway for communication, that is now to some extent inaccessible, and there could be no doubt of most of the grood land in Ditton being taken up in a ferr seasons.

## CHESHAM.

"This township does not offer the same advantages for settlement as Ditton"; it has no large streams nor great water power, while the southern part is generally unfit for
settlement to anymount. The north-western and northern part, along Marston, has some very fine pine settling land in compact bodies, and here settlements miglit: advantageously be made when a road of communication should have been opened from the nearest settlements already established in some of the uearest townsbips. The good settling land in Chesham, lying chiefy in a continuous block contiguous to Marston, and somewhat separted from the bottoms and settling lavds in Whitton, it becomes worthy of consideration upon the presumption that Marston offers equal or greater inducements for settlement than Chesham, whether it would not be advantageous to open a road running north-casterly from the Hampden and Arnold river road, through the north-west quarter of Chesham to Marston line, and thense porth-easterly through the most desirable land for setclement; so as to intersect the most southerly settlements already formed along Lake Megnatic to Victoria Bay.
"From the acquaintance I have obtained of the country by having surveyed an exploratory line northerly through Marston in 1561, and from knowledge of the lands in Chesham, acquired by the survey of that towaship durijg the last scason, I should consider this route as a most desirable link in the chain of colonization roads which are intended to open up this quarter of the Eastera Townships."

## TOWNSHIPS OF WOBURN AND MARSTON.

The township of Woburn is situate in the county of Compton, and is bounded on the north by the township of Clinton, on the west by the townships of Chesham and Ditton, on the south and east by the line of boundary established under the treaty of Washington.

This township is of irregular figure, and is traversed and irrigated by the Arnold river and its tributaries. Through it has been surveyed and marked a line of road from the head of Lake Megantic to the highlands along the province line, intended to connect with a rond projected from Wilson's Mills, in the State of New Hampshire.

The township of Marston is situated on the western border of Lake Megantic, in the county of Compton, and is bounded on the north by the township of Whitton, on the south partly by the townships of Clinton and Chesham, and on the west by the township of Hampden.

Two lines of road for colonization purposes have been traced through this township, one in continuation of the Victoria road lending from the township of Hampden, running transversely with the ranges of the township of Marston, and the other in continuation of the Megantic road, traversing the township of Whitton and iutersecting the Victoria road extension, and traversing the township of Clinton to its junction with the Bury and A rnold river projected line of road.

A description of the character of the land, its soil, and timber, is contained separately. for cach of the said townships of Woburn and Marston in the following extracts of the report of Mr. P. L. Surveyor Blaiklock :

Wcstern outline.
"The whole depth of the 2nd range is" in good open hard wood, the timber of a large growth, \&c., the soil a good brown loum, the land is undulating and lying to the east toward the middle branch of the west fork of Arvold river.
"The land traversed by the west outline is undulating to near the Province line, where it ascends a considerable hill, furming the boundary between Canada and the United States. The soil is a good brown loam, covered with several inches of vegetable mould; the timber varies from pure lardwood to a spruce swamp, the former being generally of a heary growth. Two considerable brooks are also crossed tributaries of the north' branch of the Arnold river.

## Rear line of Sccond Range.

"The land traversed by this line is undulating hard wood, with a good light stony soil; there are also several lots of very excellent land, timbered with a heavy growth of maple, birch, spruce, ash, elm, cedar, \&c.; the soil being a deep black vegetable mould, on a subsoil of rib brown loam, well "atered with numerous springs and small streams Lots Nos. 63 and 64 are traversed by a high rocky hill, which runs in a oorth-easterly direction all across the 2 nd range; the most of the lots in this range are well suited for ugricultural
purposes, the soil being of a good quality, although rather stony, and, upon approachiug the river, somewhat broken by rocky ledges.

## Third and Fourth Range line.

"Lots Nos. 1, 2, 3 and 4 are nearly all good hardwood land, but the ground is very stony; in the 5th and Gth lots the liue ascends a stecp hardwood hill, which slopes a way to the south fork, and extends north-casterly towards the 2 nd range; from lot No. 7 to 14 the land is undulating hardwod, and much of the soil is very "good, being a vegetable mould overlaying a clay loam subsoil, but generally stony; from 15 to 21 the land is more broken; the live runniug ilong the cast slope of the high land forming the Province boundary ; the timber is chiefly hardrood, and the soil it rich loan, but very stony in some places, almost too much so to form good arable land.

## Fourth and Fifth Ranyo line.

In lot Nu 1 the line descends the face of the hill at an angle of $30^{\circ}$ to the brook and ascends $25^{\circ}$ the opposite side; the timber is spruce, with a few inferior pine, and the ground covered with large musses of loose rocks; lots Nos. $2,3,4$ and 5 undulate along the east side of a hill, but not too steep for cultivation ; the soil is good, but stony, and the timber, hardwood wixed with spruce; Nis. 6 and 7 are level cedar swamp, black mould on a clay subsoil; Nos. \& and 9 are a light sandy and stony soil, timbered with spruce.
"From 9 to 15 the land is gently uudulating, timbered with a he:avy growth of birch, maple, 'bech and spruce ; the soil a good light loam, but stony for the remainder of these ranges; the line passes over mixcl wood and spruce swamp; the soil, where dry, being light and stony, ad a cold clay loam where wet.
"The 4th range consists of twenty-six lots, and contains an area of 2,715 superficial acros. Although this range line passes through considerable swampy land, I have every reason to believe it does not extend far to the west, but that there is grood hardwood land lying between the high ground traversed by the 3rd range line and the th and 5th, for upon running up the centre line I found good hardwood up to the foot of the hill forming the boundary.

## Fifth and Sixith Range line.

"The ground passed over by this line for the first sixteen lotes is mixed sottwood and spre swamps, with a light sandy and stuvy soil. In the remaining part of these ranges the lots front upun, and are bouvded by, the Arnold river, along the banks of which the soil is in many places very good, being an alluvial deposit brought thown by the stream.

## Sücilh and Secerith Range line.

"In the firstifour lots the laud is very good, being very level, timbered with birch, spruce, maple, cedar, fir, asth, \&u., of a large growth, and the soil black vegetable inould on a good brown loum subsoil. The remaining part of this line ascends the north face of the mountain, timbered with hardwood, but most of it too stony and rocky for cultivation. This mountain rises near the Arind river, aud runing in an east by south direction, unites with and forms the hiwh land forming the Province boundary, on the east side of the township, and beyond which $[$ did uot cuusider It was justified to go. To all appairances the land southward was much tino nountainous and broken to be available for agricultural purposes.

## Scuenth uad Eijhth Ränge line.

"This line, it was supposed, whuld intersect the min river, but fioding it was not likely to do so I made the sonth-e:st fork the boundary down to the main river; from thence the luts in these ranges will front on the Aroold river down to the Clintou line, and were posted off along its banks accordingly. The quality of the lat along this stream is somewhat varied in some paccs, the banks approach close to the margin, and are precipitous; in others they recede, and leave a considerable space of allavial fith, where the soil is excellent. There is also a considerable extent of good land lying between the range Fine and the south-eat fork, and is comtined within lots 20 to :9, and indeed nearly the Whole of the sth range is of a good quality, in particular in the lower part of the township, Where the afluvial flats of the Arnold are of considerable extent. This range, I cousider contains some of the best land in the township.

## Eighth anid Ninth Range Lime.

"In the first seren lots the line passes over low undulating spruce land, the soil light and stony, but there appeared hardwood at a short distance on either side. The remaining five lots are all on the north slope of the mountain, and although the soil and timber of the lower part is good, the land is too stecp aud stony for cultivation.
"The first five and last five lots on this line are in good undulating hardwood, timbered with a good thrifty growth of maple, birch, sprace, fir, ash, ironwood, basswood, \&c, and the soil a good brown loam. The remaining part of this line crosses sercral steep and rocky hills, and spurs from the great chain of the province line. These, however, all slope away to the west, leaving a considerable space of arable land between their bases and the Arnold river, timbered with a very beavy growth of birch, maple, spruce, beech, cedar and ash. I had occasion to cross this tract at different points, and foud it such as I have described.
"The ninth range, being situate near to and forming the high land of the watershed between the waters of Canada and the United Stater, is generally too rough, broken and mountainous for agricultural purposes. Although in several places there appeared to be good land, yet there could not be any exteusive or coutiuuous settlement made.

## Oentre Line.

"For about one mile on cither side of the Arnold river the land is that, timbered with spruce, the soil being generally a cold, clay loam, and very strong. In the 7 th range it crosses the north end of two rocky hills; of mixed timber, with some spots of good soil between them. In the eighth range the southeetst fork is crossed. "The land then rises sradually in good mixed hardwood until it meets the high mountain forming the eastern boundary of the township. Between the south east fork and this mountan the soil is in many places very good, being a black mond in a brown loam, buit it is all very stony; and, indecd, the whole of this section of country is thickly strewed with coarse granite boulders, evidently belonging to the drift pariod, for in no instance was the fixed granite rock met witk.

## Line between Woburin and Cheskum.

"From the Megantic road line to Arnold river the line descends very gently through softwood land and swamp; the soil being light-it then traverses the river in the alluvial forming its banks and enters a cedar swamp. Leaving this swamp the line ascends very gently through an old brulé, which is now covered with a small sccoud growth of spruce, larch and poplar.
"There appears' to have been at one time a considerable quantity of pine growing here, as there are many charred stumps of pine' still standing. This flat extends a long way to the north and east, as far as the Spider Lake and Lake Megantic, and forms the much-talked-of intervale and meadow lands of the Arnold river. These meadows are certainly splendid land, producing wild grass enough to feed a thousand head of cattle, but the best and greatest extent of them are situate in the township of Clioton, those on Woburn not extending above one mile up the river and being liuited to a few acres in depth on either side.
"Wrom the brule the town line ascends very gradually through" rood hardwood land up to the province line.
"The nearest point from which access can be had to Woburn is either by Lake Megantic, the first settlement of which is distant 13 miles, or from Victoria, 30 miles distant, without even a winter track; the first thing necessary, therefore, to the opening up of this township, will be the construction of either the Victoria and Arnold river or the Megantic road (both of which have been laid out), the latter of which should, in my opinion, be imnediately proceeded with as offering greater facilities for settlement along the line, and being so much shorter.
"The only objection to this line is that it would pass through about five miles of conceded land in the township of Clinton; but this, L conceive, should not be held as an $0 b-$ jection in comparison to opening up a good country for colonization.

Whrough the township of Marston che road line passes through the best of land for settlement, and were it opened, every let alnog it sould be immediately taken up.

The township of Clinton would likewise som be settled, as it contains some of the finest land in the country, for its extensive prairies offer greater adyantages to the new beginace than any of the adjoiving townships, by enabliughim to cut hay and keep stock sereral years in advance of the farmer on the ordinary uplands, until one or the other of these roads be opened."

## ANSE SI. TEAN ROAD.

This road lics in the connty of Chicoutimi, and connects the thriving settlenent of Anse St. Jean in the township of St. John, with the existing settlements at and above the mouth of the Petit Saguenay river.

Although the line, as surveyed, unavoidably traverses some hilly country, yet the quality of the soil possesses sume advantages for settlement, is will appear by the following report of Mr. P. L. Surveyor J. M3. Duberger:-
"After having plotted the whole wood, and fixed upon the number of lots to be laid out on the suitable spaces found fit for agricultural pursuits, I then repaired to Lac a Minctte, in the vicinity of the depth of the 5 th range, from whence I began to me:sure off the four regular lots marked from one to four, and running at right angles with the 5 th range, thence laid off Nos. 5 and 6 , being irregular, caused by the winding of the lake; then procceded with the measurement from No. 7 to $\because 4$, on same course; then hadagain two other irregular, Nos. 24 and 25 ; then procecded with the nine remaining, from 27 to 35 , the whole inscribed south range, the latter number contiguous to the settlements of Petit Sagucnay, otherwise adjoining the clearance of Charles Bernier.
"The North range consists of only 13 lots of different dimensions. Owing to the sinuositics of the line road, a great space is lelt out on account of the proximity of the monatains and deep ravines, the latter mirght be talken as park lots. The whole of these lots have their division posts planted abd duly inseribed. The line road in question runs through the fittest ground that the localitics offered for agricultural purposes, and consures the greatest cconomy in its construction. The nature of the road from the point of departure to Lac a Minette will not suffer any difficulty for effectiug the same. The greatest impedinent lies in the valley next to the main road of the River St. John.' Even that, though obstructed by fallen trees, is frec of stones, and is offered to be properly made for the small amount of \$16. From the settlement of Yetit Saguenay for 2 miles adjoining there lies an old pinery tract, which would take but little time and expense to become passable even for carts. The middle space, partly edging the lakes, is bere and there obstructed by boulders, but not of such size as not to be rolled off or turned aside but with little labor, as happening of ten in declivities, besides which there lies sufficient ground at hand to fill up cavities. A particular spot, marked Ron the plan, edging lace long, where lies a projecting rock (foot of mountain), dippiog into the lake, and standing about 10 feet high, though passable for foot passengers would not answer for horse carriages. This might be easily made passable by a fow blastings, or by the erection of a rough wharf edging the lake, about 35 fect long, and this at a trifling expense, as all materials necossary are on the spot:
"The nature of the ground throughout is of the best quality, fully accounted for by the large growth of timber for about $2 t$ miles within the Petit Sagucnay settlements. Not one stone can be found on the trace, and the soil consists of the very best kind of strong loam, and no where botter adapted for the growth of hay, as patches are often met with in the wilderness. In speaking of the soil I may also remark that this good soil does not cxist throughout the depth of the lots laid out. There is not a single one but is ubstructed in some parts by the existence of some steep mountains as well as deep valleys. Under such disadvantage, I ber to be permitted to suggest that the squatters taking possession of these lots should have the same privilege as others in some parts of the Province, by obtaining them gratis, under the restrictions provided in such case. This would be encouraging a prompt enigration in such an isolated country.
"After having closed with the survey at Petit"Saguenay, and then waiting for" a fair opportunity to return to Anse St. Jean to return home, I was invited to visit the valley of the Petit Saguenay, about the settlements reported to be an extensive strip bordering the river and of excellent soil. "I therefore repaired to it, following an old pinery road which, at a former period, came out at Black river at its junction with the St Lawrence, and used for the transport of supplies. This tract I followed for a couple of miles, and it niay


#### Abstract

be said without exaggeration that, with regard to soil and the pine growth of timber, no better can be found: This valley had the advantage over the valley of the River St: John, by having more extensive terre de fonds, and widening the more as you poced ap the river. T have been informed by persons tho have gone through that commanication that the same ground cxtcods so as fir as the forks, about cight or nine miles, then crossing towards Black River you agan meet, in the vicinity of lakes, several extensive pitches of excellent curth. I. would recommend, therefore, an exploration through that section of country, and should that communication be found as promising as roported, besides the great advantage of a sortic to the St. Lawrence, the whole of the favorable ground along and in the vicinity of that communication would be made known and taken up by a number of active young men from this county in readiness to colonize."


## THE CHAUDIERE LINE OF ROAD.

This line of road, as located along the right bank of the River Chaudiere, in the county of Beauce, commences where the public road from Quebec terminates, at the southerly boundary of the seigniory of Aubert Gallion, and traverses the front of the townships of Jerscy, Marluw, Risborough and Spalding, to the southerly lini of the township of Ditchficld, at the outlet of the River Chaudicre from Lake Megantic, a tota distance of 37 miles.

Considering the importunce which the public lands in this section of the country have acquircd from the auriferous nature of the rock formation, prevailing especially along the Chaudiere and its tributaries, the construction of the proposed road cannot fail of obtaining most bencficial results. For purposes of colonization, the following report of Mr. P. L. Survoyor Pozer will convey very satisfactory information :-
"Pursuant to instiuctions dated Quebec, 23rd. July, 1862, in which I am instructed to trace and mark a line by surey, for a road on the eastern line of the River Chaudiere, from the seigniory of Aubin de lisle to Lake Negantic. Haring completed the said survey according to ipstrnctions, $I$ beg leave to report that, commencing at the line between the scigniory Aubin de ITsle and the tornship of Jersey, opening and marking a road line as near the River Chaudiere, along its castern bank, as the nature of the country threugh which I passed would allow, passing through the townships of Jorsey, Marlow, Risborough, Spalding, and between Spalding and Ditehfield to lake Megantic, a total distance of torty-one miles, twenty four chains; that portion through the township of Jersoy is marked by planting posts at the distance of half a mile from each other; that palt across Risborough is posted and had out in lots, according to the plan furnished mo by the d cpartnent, together with halt-mile posts, and that part through the township of Spalding. between the second and third ranges, it having been already surveyed and posted into lots. I planted posts in half-mile sections making such deviations from the ravge line as I hought reguisite for the best place for a road, and thence between the tovnships of ${ }^{\text {ts }}$ Spalding and Ditchfield and Lake Megantic.
"The whole of this line is generally level or rolling lad, with very few swamp; the soil a dark loam trell adupted for cultivation. It is all good with the exception of parts of the point of Risborough.
"The land is in gencral stony, but iree from ridges of rock or steep hills, and the fow swamps T met with are shallow, with black soil. Upon the whole I think that a good passable road could be constructed at a low estimate of expense, but not being expurienced in this kind of work I canoot state the exact amount.
"There are only two rivers to cross, which would require bridges of about sixty feet sar. The first is the Sampson, in the township of Marlow, wherea bridge is perhaps not absolutely required, owing to the flatness of the banks and to the gravelly nature of its bed. A good ford could be made passable at all seasons, except at the breaking up of the ice in spring or after a flood of rain.

The second river is the Nibellis, in the township of Spalding which would require a bridge of about forty feet span, building abutments on ench side of eight feet lin leight. As the timber is plentiful near the spot, a good substantial bridge could be built for about $\$ 160$ ?

This line of road is proposed to connect the settlements of $V$ alcartier, in the seignioyr
of St. Cabriel, with the parish of St. Raymond, in the county of Quebec, traversing part of the township of Gosford, from the lst to the 3rd ravge, and thence south-westerly to its junction with the existing road, opened trom St. Raymond to lot No. 8 , in said range of Crosford. A descrintion of the general character of the land it traverses will be found in the report of Me. P. L. Suncyord. P. Dery, as Hollows:-
" In conformity with instructions dated lst August last, directing me to trace a colonization road to shorten the distance from Valcartier to St. Raymond, in the township of Gosford, 1 have to report that I iuspected the latd in the first range of the township of Gosford, as exhibited osi theplan annexed to my instructions, and found it impracticable for a road from the tribatary stream of Lac il Isle as far as lot No. 10 of the third range, to the north of the Lake of Seven Tslands; the soil is very unfit for cultivation, being intersected by two lofty mountains and three lakes, and is eonsequently rocky and marshy, so that the construction of a rond would be very costly, and valueless to settlers if rum in this direction.
" After a careful examination of the land between Lac il YTsle and the lake of Seven Islads, through the first and second ringes, I passed through the third range to Lake Clear, situated partly on lot 22 and partly ou lot 23 ; here I found the land is better adapted for rom making; I proceeded to the line between the seigniory of Fossimbanalt and the township of Gosford, to the north-east of Lac it l'sle, so as not to lay the line of road till I ascertained where it would intersect the Valcartier road. I wade an exploration through part of the seiguiory of Fossumbault, and found the Gosford road at a distance of about two miles and twenty-eight chains from the line of Gosford.
" Being persuaded that this locality was the best adapted for a road which would prove serviceable to the settlers now beginaing to locate themsclves on the disposable lots in the third range, as well as those in the fourth and fifth rauges of Gosford, who, at a trifling cost, could open a communication through lot 21 of the fourth range into the projected road, I cleared, chained and blazed the line of this road from station to station, planting posts at the end of every mile, and numbered from my point of departure as far ats the road to Valcurticr, at a post plauted by John Neilson, P. L.S., last year, and ascending to meet the road actually opened in the third range of Gosford, and which runs from there to St. Raymond, orer a distance of ten miles, fifteen chains and seventyeight links.
"I found several clearings on this line, which I have shewn on my plan; also two houses, one 16 by 19 , the other twenty fect square, on lots 14 and 15 , in the third range,
"The quality of the soil along the road line is very good.
"Vory little bridging will be required, and but fow hills to ascend, and the descents are gradual and even."

## KENOQAML ROAD.

This line of rond being the fourth section of the Kenogami road, commencing at the castern limit of the township of Metabetchouan, on the eastern border of lake St: John, and runaing wasterly and traversing the townships of Metabetchouan and Charlevoix, and thence northerly along the western border of the baie in front of the township of Roberval and the Indian lands of Ouiatchouan, at the mouth of the River Ashuapmouchouan; thence in a north-westerly direction through the townships of Ohamouchouan and Des Meules, to its termination on the uorth-westerly limit of the latter township, a total dis. tance of about 43 miles.

Mr. P. L. Survegor P. A. Tremblay, in his report of survey of the line as located by him, gives a satisfactory report of the charater of the land it traverses and the nature and quality of the soil and timber, as follows:-
$\because$ In compliance with instruetians from the Department of Crown Ladads, dated 29 th July, 1862 , I proceeded on the 5 th of August to the survey of the fourth section of the Kenogmi road, comprising the spuce between the eastern line of the village of Metabetchouat and the west line of the township of Des Meules.
"In order to enable the overseer to take adrantage of the fine season, and to secure the services of the settlers before harvest time, I went at once to the mouth of the River Ouiatchouan, where I began to trace the road, and continued on to the westward, keeping a certain distance from this river so as to avoid the very steep ravines and steep slopes, as ar as the inters ection of the east line of the Indian reserve. With the exception of 18
chains of a bye-road, on the land of Thonas Jaur, at the point of starting, the trace follows the front road of the lots in range $B$, an advantage which induced mee to prefer this direction to any other, especially as the obstacles of the lind are wot so great:
"The trace in the township of Ashuipmouchouan havia, neecesarily to follow the rarge line between the 1st and 2nd rauges, so as to give it as much regularity tis the nature of the ground pormitted, I proceeded to the intersection of the above range with the wost line of the Indian rescrve, and from there I proceeded at right angles with the aforestid line, tracing a line which I prolonged to the cast line of the said reserre. The trace follows this line as far as to the intersection before mentioned, a distance of forty chains, 75 links. On the line between the east and west-linits of the reserve, I plated sinat zustr, numbered from west towards the east, and shewing the regular breadth of 13 chains, so that if the Government should think fit to sell these fine latis bordering on the trice it would not be necessary to lay them off a sccond time. (on lits 10,11 , mady, I unde a sicond trice towards the south to a distance of two or three chains from the first trace to avid the rocks. The part which traverses the 1 Cth lot with be the wost expensive, as blasting will be required in som c places.
"The bridge over the River Ouiatchouan will not be very costly, the trace crossing it on the bank of a fall where, on the low ground the breadth does not exceed trenty fect. From the month of the Ouiatchouan to the rock on lot 17 of the reserve the soll is motly composed of yellow sandy earth, through which a good cheap road coull be unde. From lot 10 to the line of Ashupmouchoun, I found a clayey soil, covered in severil places with a light ccating of saud. The most expensive part of the road comprisos lots 8 and 9 passing through a cedar swamp, bui the slope of the land towards the north permits of its being easily drained. Knowing that the line between range © and range I of the township of Metabetchouan was not traced, and that it would afford the most direct road to the village of Metabetchouan, at the mouth of the River Ouintchnuan, L procecded to the point of intersection of the line between range I and range $B$, of the township of Charlevoix, with the west line of Metabetchouan, and from this point $I$ thaced at tightangles, with the same line, the line between range I and range 0 , which $I$ prolonged beyond the eastern. limit of range $C$ as far as the line between lots 45 and 46 ; I traced the division line between these two lots to the banks of Lake St. John to serve as a rond I triwed the line from this point along the lake shore at a menn distance of about three chanins, as far as lot 34, when I found it necessary to take a greater distance of about 10 chains so as to clear a rock, the foot of which is bathed by the high waters of spring. The hill by which it is ascended towards the west is steep, but become more gentle by going round the fill. On the east side the slope leads insensibly to the borders of the lake on lot 31. From this point the trace leaves tho shore and passes to the south of a marsh, following the base of a mountain. On leaving the foot of the mountain it follors the border of a thick cedarbusb, and falls into the front line of the village of Metabetchouav on part of lot No. 10 . Leaving this point, Imarked with blazes and piokets, planted at convonient aistancos, the course of the streets called Price and Helbert, which form the thace of the roads as far as the intersection of the eastera line of the vilhge with the range line botween ranges $A$ aud $B$; from this point of intersection as far as the bye-rod betiveen lots 45 and to of the 1 st range of Metabetchouan, the soil is sandy, the surface gencrany even, and offering gret facilities for the opening of a good colonization road.

GIn the towoship of Charlevoix the trace follows the range line between ranges I and $B$ as far as the picket between lots 4 and 5 , then turns to the south-west to avoid a deep hollow covered with cedar and elm, it crosses some arpents of wet land on part of lots 10 and 11 , and rejoins the front line at the piclset of lots 17 and 18 . On lot 19 there aretwo steep cliff caused by a deep ravinc, and a third befure arrivig at the River Ouiatchouan. Ilaid out the first in sueh a manner that in winter, whem the faters are low, communcation maye be established on the shore alcog the foot of the first cliff as far as the crossing of the river.
"From the mouth of the Oniatchoun to that of the Ountchouanish, the road in great part opened by the settlers generaliy, folloms the sand down which bordor the lake during the high freshets of sprigg. The only obstacles when the active co-operation of Goverument is indispensable are, first, in crossing lot 18 in the first range of Roberval; second in locs 17, 16 and 15 of range B opposite "Pointe Platte" The first comprises
a distauce of 12 chains, and the second 31 chains of wet land. My kuowledge of the lands composing the townships of Ashuapmouchouan and Des Mculcs exempted me fiom making a second exploration for the trace, as required by the department, Thave cexhibited on the plan which accompanies this report. The principal artery which follpws the ringo line of the 1 st and 2 nd ranges from lot No. 1 inclusive, to the crossing place of River it l'Ours, thence it regains the banks of the River Ashuapmouchoun, at about balf the depth of the lots 40 and 41 , following the course of this river along the front of thic township of the same nune, aud that of Des Mueles; also as far as lots 46 and 47 , and then extcods as far as the western line of the said township to the southowest of 't rising ground which here borders the River Ashuapmouchouan.
"Through the whole extent of this survey the land offers no serions obstacle to the construction of a road. Thore is not a single eliff to surmount, hardly an arpent of wet land to cross. Two slopes alone are worth mentioning, one on lot 21, in Des Meules, and another on nearing Salmon river. I have drawn on my plan a trace which follows the central line of Ashuapmouchounn as far as the line betweeu the 4 th and 5th range, thence bending to the north-west, following this line across the western part of Ashuapmouchouan as far as its north-west line, and following the prolongation of this line which forms the line between the 2nd and 3rd ranges of Des Meules, as far as Salinon river. In the line between the Asuapmouchounn I have dravn a trace which leads to the end of the depth of the th range of Des Meules. A byc-road by this trace will aford access to the capital lauds of the 5th range of Des Mueles, which the lateness of the season prevented me from sul-dividing last year. I have not exhibited a by-road in the centre line of Des Mucles, one acconnt ot the gullies which this line crosses; a road, however, might be traced either to the easiward or westuvard of this line, and so avoid these gullics. The excellent land crossed by the main artery will, I trust, induce the Government to open roads through it as fist as the demands for settlement require it.
"In atl those localitics where the trace does not follow the range lines, starting from the aorth-west line of Indian river as far as the village of Metabetchouan, T have blazed the trees at suitable points, and planted posts to show the precise direction of the trace. The rang: line which crosses the Indian reserve between ranges I and C of Metabetchouan -the course of the River Oniatehouan-and the bye-road between lots 45 and 46 of Metabetchoum, Were laid ont and surveyed by the trinsit, and small posts have been put dowu to show the width of the lots. The posts between lots 45 and 46 not being visible, I. took the mean distance, viz: : 13 chains, 85 links, for each of these lots between Nos. 44 and 47.
"The water courses crossed by the trace of the fourth section of the Kenogami road present the only obstacles of any mement to the completion of the road. T. have taken the precise breadth of the Rivers Netabetchonan and Ouiatchouan. The former intersects Hebert street at a breadth of 482 fcet in winter, and $64 \mathcal{L}^{2}$ when the waters are highest. The mean ecepth is uinc feet, except at a distance of 50 or 60 feet from the west bank, where it increasies to 13 fect. In the spring, when the water in the lake is high, the depth of water is $\circlearrowright 8$ feet on a solid bottom. $\Lambda$ little further to the north, between the two points; at its mouth, its breadth in summer is 330 feet; but a sand bank on the west side, covered by the high waters, would render the erection of a wharf difficult, bosides which ti bridge at this place would close the entrance to the principal harbour of Lake St. John. On the east side the river widens in spring 132 feet, which, added to the slope of the sani-bank, where the water crosses a surface of 100 fcet, makes upa breadth of 502 feet. The depth of water is the same as at the place above mentioned. The building of a bridge on this rivar being very costly, and likely to delay the opening of roads into the interior of Ashuapmonchouan and Des Meules, I ani of opinion that for some years the crossing of the River Metabetchouan might be easily effected opposite Hebert street by rueans of a chatuold.
"The greatest length of the bridge orer the Oaiatchonan will be 396 feet. The bed of the river at low water is 132 fect wide. On the western bank there is a shoai which raises the level about 3 feet. The slope, or east side, of the river, is about 66 feet in width. The depth of water in summer is from 1 to 2 feet, and in spring 19 feet. The bed of the river is strewed with rocks. The building of a bridge cannot be delaged without serious inconvenience. At high water, when the wind blows from the north,
crossing is frequently inpossible; at mean height of water, owiug to the force of the current, tho same incouvenionce existe. If the Government wishes the settlers to proft by the opening of the Kenogani road at once, they should prepare the necessary materiats in the course of the winter, the transport being cheap at this scison, and the settlers would receire some of the funds devoted to this purpose. A bridge should be thrown over the River Iroquois during the summer, of about 50 feet in length. The bridgeover the River a l'Ours (Bear river) will be about 60 feet, including the piers. I dim uable to say if the intersction of the line between the 1st and Ond ranges with Salmon tiver is the most farorable for a bridge; its breadth at this point is $26 t$ fect; in sping the depth is about 12 fect.
"It is very necessary that Gorernment should construct a good roud over the clitls on lot 19 of the lst range of the Township of Charlevoix, near the crossing of the River Ouatchouan. I have estimated the cost of a good road at each cliff at about $10 y$ dollars.
"The visit made by the Minister of Colonization last summer to this part of the Saruenay territory, relieves me from the necessity of remarking ou the importance of opening out the fourth section of the Kenogami road. A wide field is here offered to the agriculturist; the settlers are most" ausious to reach that locality. An easy access 'being afforded by the Government would be most favorable to settlement."
(Signed, J.A. Tremblaty.

## APYENDEX No. 43.

EXTRACT PROM URPER CANADA REPORTS OF SURVEY.

## Aweres

Is bounded on the north and cast by lauds as yet unsurveyed; on the south, by the township of Tarentorus; and on the west by the township of Pennefather.

It was sub-divided in 1859 into sections and quarter-sections; each regular quarter section contains an arca of 160 acres. The township of Aweres eontans 21,044 acres of land.

The following is an extract from Provincial Land Surveyor A. 1' Salter's report of survey:-
"In the township of Aweres but little land fit for arable purposes was met with, its general character being rough and rocky. Many of the sections are well timbered, and in places mineral, specular iron was observed in the rock.
"As a whole, this township offers few inducemeats to settlers."

## Korar and Atmenge

Are adjoining townships.
Korah is bounded on the north by the township of Pennefather; on the cast by the township of Tarentorus and Hudson Bay Company's property ; on the south by the township of Awenge; and on the west by the township of Prince.

Awenge is bounded on the north by the township of Korah; on the cast by the township of St. Mary; on the south by the River Ste. Marie; and on the west by the township of Parkc.

They were sub-divided in 1859 into sections and quarter sections; cach regular quarter section contains an area of 160 acres.

The townships contain, respectively, Korah, 22,336 acres; ; and Awenge, 2,647 acres.
The following is an extract from Provincial Jand Surveyor James Johoston's report of survey :-
"The quality of the land in these townships is generally good. For an average width of a mile along the shore of the River Ste. Marie it is low, and marshy, then, gradually rising, it becomes more dry, and is principally a good clay loam for a distance north of troo miles. The surface then becomes rolling, the soil a fair saydy loam, and the timber chiefly maple for a distance north of three miles. On this section are several sugar buskes frequented in the spring by the inhabitants of the Sault village. From thence to the po therly limit of the township, it is more or lass broken with ridges of rock, chiefly granite
"The timber on a considerable tract in the southerly part of those townships Las been
destroyed by fire, but it is otherwise well timbered. The timber consists principally of hardwood."

## Nee-Bing and Par-Poonge

Are adjoining townships, situated to the west of Thunder liay, Kake Superior. They are bounded on the north, south, and west by lands as yet unsurveyed ; the Indiau reserve aud Tudson Bay Company's post are on the cast.

They were surveyed in 1860 by P. T.S. Herrick, and contain, respectively,-NecBing, 19, 881 acres of land; Pai-Pconge, 43,846 acres of land. The Kaministiqua river flows through both townships. The following is an extract from Mr. Herrick's report of survey:-
"The townships of Nec-Bing and Pai-Poouge are bounded on the south by high ranges of trap rocks, rising in perpendicular precipices sowe hundred feet high on their north and cast sides, the most prominent roint of which-McKay's mountain-reaches an clevation of 1,000 feet. The summits of these mountains are in general covered with white amil red pine, while on the sides may be seen a thick growth of birch, pophar, and spruce and in a few spots sugar maple. At the base of these mountains we get into a comparatively level plain, forming thic valley of the Kaministiqua river, and at an average clevation of :30 or 40 feet above the level of the river. The soil in this valley consists in general of at reddish, clayey loam, weil adapted for cultivation, and producing a good growth of popin', spruce, balsam, birch, with an undergrowth of hazel-nut, cherry, \&c. In some phates, a'so, white and red pinc of good quality, though not in any great abundance.

Between the long windiugs of the river, the lower part of which is exceedingly tortuous in its course, are flats of rich, dark alluvial deposit, rising 6 or 8 fect above the level of the river, and giviug growth to large elm, ash, balm of Gilcat, (ic., with an undergrowth of wide hops aud flowering plants of various descriptions.

- Ou the north as woll as on the south bank of the river, rising from these flats, are bauk of red clay, gravel, or sand, 50 to $\$ 0$ feet in height.
"The land, for a short distace from the north side of the river, is in geucral pretty sood, and covered with poplar, spruce, birch, balsam, \&c:, However, proceeding further north fiom the river in Nee-Bing, the land in general becomes wet, and the prevailiug timber is tamarac and spruce; while in Pai-Poonge, most of the country north of the river, for sume distauce, presents a dry, sandy appearance.
-Along the northerii bundary of both towaships the soilagain improves, and continues to do so until the range of granite and trap rocks bounding Thunder Bay on the worth and rauging towads the south-west is again met with.
"The country on buth sides of the river is well watered by numerous erecks, affording excelleut mill-sites. Slate river flows with rapid current between high banks of dark argillaceous slate, lying in lorizontal layers, and coutaining limestone in interlying masses, as well as in latge rounded nodules. This shate in some places is of good quality, presenting a hard, compact appearance, while in other places it is soft, and cecomposed readilynearly pure alum being found on the surface in considerable quantity.
"This formation of dark slate, intersected in plices by dykes of trap, iss foud all through the southern portion of Pai-Poonge.
"On the north side of the river are also several creeks or small rivers, wery rapid in their course, aud supplying easily available water power to any extent. The rocks on the north side of the river are chicfly of shaty trap, with layers of red jasper, and intersected by veins of cuartz, with traces of leal and copper ores. Lt the Parcsscux rapids, a vein appears about 3 fect in widuh, chicfly of fluor spar, with particles of lead and copper ores. A small deep river flows through the north of Nec-Bing, about one chain in width, and mavigable for small boat or canoe for about 42 miles from its routh.
:Further up this river, in the north-west concr of Nec-Bing, are falls 30 to 40 fectin height. ICere appears a vein running nearly cast and west, 12 to 15 fect wide, chiefly of white cale spar, and contaning a considerable quantity of the ores of lead and zinc.
"The only impediment to navigation of the River Jaministiqua bylake steamers con-: sists of a bar of soft mud or sand, a couple of hundred fect wide, at the mouth of the river; over this bar in the channel there is about five fect of water. This triffine difficulty overcome, the river is navigable for good-sized steamers to Point de Meuron, ur about 11 miles
from the mouth-there being an average width of about 5 chains, with a depth of from $S$ to 10 feet.
"While coasting along Thunder Bay, I had a good opportunity of examining the north shore of the Bay with reference to harbours, and found that at Lambert's Tsland to be the only one worth notice.
" This bay, sheltered completely by Lambert Island, formed a beautiful harbour, about half a mile wide by three quarters of a mile deep-the water varying from tro to six fathoms in depth. The island which protects it on the south is dirided from the main land by a channel a few fect in width, and affords on its inner side a secure anchorage alongside of the island, which rises from ten to trenty fect in perpendicular basaltic columns from the water.
"As far as my experience gocs, the climate at Fort William in winter is not more severe than that in the ncighborhood of Montreal."

st. mary

Is bounded on the north by the township of 'Tarentorus, on the cast by lands as yet unsurveyed, on the south by the River Ste. Marie, and on the west by the Hudson l3ay Company's property.

It was sub-divided in 1859 into sections and guarter sections by Provincial Land Surveyor A. P. Salter. The toirnship of St. Mary's contains 850 acres of land. The following is an extract from the report of surecy :-
"SECTIon' 3. The soil is good, though rather light, and the timber entirely destroyed:
"Section 4.-The same remark applies to this section.
"Section 6.-Good soil, corcred with a thick second growth of timber, criginal timber burnt.
"Section 9.-Good soil, a varrow belt of timber on the margin of the River Ste. Maric, not burnt.
"Section 10.-This section precisely similir in character to section 9 ."

## TARENTOIRUS

Is bounded on the north by the township of Aweres, on the east by unsurveyed lands, on the south by the township of St. Mary's, and on the west by the township of Korah.

It ras sub-divided in 1859 into sections and quarter sections. Each rogular quarter section contains an arca of 160 acres. The tornship of Tarentorus contains 13,988 acres of land.
"The following is an extract from Provincial Land Surregor A.P. Salter" report of survey:-
"With the exception of the northerly and northecasterly sections of Tarentorus, the whole township is fit for settlement; a few of the centre sections are rather low, but are susceptible of drainage. The soil is cither sandy loam, black mould, or red clay, the subsoil, red or white clay.
"A serious drawback to the settlement of this township will, I fear, be found in the searcity of timber, a very considerable portion of it having been overrun by fire, and in some sections the surface soil has been completcly burned off, being of a peaty nature This is to be regretted, as the soil is generally of good character, and affords a good opening to intending scttlers.
"The surface on the westerly side of this township is somewhat broken by ravines. which howerer; offer no scrious obstacle to its settlement. Numerous small rivilets of excellent spriug water cross the country, a great desideratum to an agriculturist.".

## mattawan and pembroke road.

During the past year, a survey of a tier of lots on cach side of that part of the Mat. tawan and Pembroke road, lying between the boundary line between the townslip of Maria and Clara and the mouth of the Mattawan river, was made by P.L.S. Sinclair.

The following is an extract from the report of survey:-
"The timber is what is usually known as mixed wood; pine, either red or white, predominates, but it has been nearly all burned from the commencement of the surrey, to the middle of the second township. This has been a very valuable section in its pine timber, but there is not much remaining that is valuable, within the limits of this survey.

There are not any large streams entering the Ottawa, in the country embraced in this survey.
"Its geological features are uninteresting; it is what is denominated a boulder country except a belt of fossilifurous limestone crossing to the south of the Ottawa river, at the head of the Sevicllier rapids, which gives a small tract of very good land, at and around Bell's farm.
: The facilities for settleacnt along this road are certainly considerable, although the rod is far fom being, what the public interests require, it being the main thoroughfare along the joint frontior of the United Province, which must be the highway for the transport of supplics from the east to the lumbering districts along the Upper Ottara country, as well at for the ingress of settlers to the various sections where arable land may be found."

## Cardiff.

The folloring is an extract from the report of survey of the cast part, or residuc of the township, in $1863:-$
"That tract of comtry lying between the south boundary and concession No. 6, and side line 20 ad 21 and the cast boundary, is undulating, and in places cousiderably broken hy how ifges of eranite, only partially covered with a shallow soil; in the valleys, however, oenesimal trats of fuis land occur sufficiently extensive to induce settlement thereon. The prevailing timber in this section is white pine of a good quality, and from its proximity to the North River, which runs obliquely through this tract, could, with advantage, become marketihle. The river, however, though possessing suffient water and being comparatively fice from sidden abrupt bends, would require a good deal of blasting, and small packs of dift wood to be cut away to make it profitably arailable. Hembock, maple, beceh, hirch, dec, of arerage size, are also frequently met with in this tract.
"Jjetween concession 6 and Paudash lake is a tract of land possessing a much more favorahe appearace; the surface is gently undulating, gradually sloping towards the lake; the soilis composed of sandy loam of good depth, resting gencrally on a bed of rravel and course sand, and covered with a healthy stout growth of hardwood timber. On the west shore of this lake, from concession 6 to concession 11, is also a tract. of land of very good quality, and covered with heary beech, maple, hardwood, birch and honlock. Small isolated pateles of bealthy average-sized pine are also met with.
"With the excertion of a part of the east shore of the north bay and a portion of the north shore of tho cast bay, the land around Paudash lake offers every inducenent to the settler: the soil is rich and fertile, and the situation in every way adesirable one for set-thement-from its proximity to this large and beatiful lake, abounding in salmon-trout, and smadier varictics of fish, and also being within easy accoss of the Burleigh road.
"To the worth and north-east of the lake, catending to concession No. 13, the land again is hroken by low granite ridges, the soil is shallow, and the timber of a stunted groxth. To the west of this section, and along side line 15 and 16 , is an excellent tract of laud, extending northrards to concession 14. The surface is gently undulating, and grows stout beech, maple and basswood; the soil is of great depth, and of a rich, loamy uature.
"The land through mbich sideline 25 and 26 passes, in concessions 10,11 and 12 , is partly breken; but further cast it improves very much, and towards the boundary presents a pronising aspoct.
"In concession 12, on side line 25 and 26 , the lavd improves. Sastrard of this line is a small lake surrounded by land of a very fair quality, covered chiefly with hardwood timber. Soruc escellent white pine also surrounds the shore of this lake, though not in great abuodance.
"Ta conccssion 14, the line crosses a neck of this lake, beyond which the land is rather hilly, but the soil of gond depth, and the country in every other respect well suited for agriculture.
"The land on ooncession" lines 14 and 15 , from lot 10 to the cast bundary, is of ncarly the sane fair chatacter - a very large proportion of this part of the townsbip being well fitted for settlement.
"On side line 85 and 26 the land is rolling about three-quarters of a mile north of concessiou line 14 and 15 , where it begins to become more uniform and level in concessions

16 and 17 , a very large proportion of which is beautiful latd, sloping castyards; the soil is a rich sandy mould, and is corered with rery large beech, maple; bassmood, birch and swamp elm. The hardrood tract cxtends to the nooth bowudary, and eastraids to the township of Herschel; it comprises about eight or ten thousand aciess, and is drained almost entirely by tributaries of the York branch of the Madamasia. Along side line 15 and 10, from concession 15 to 20, the land is not quite so grod; and is chiefly corered with small pine, hemlock, balsam, de. Whis part of the townstip is well watered; a number of small lakes are imniediately north of Paudash lake, and connected with it by a good creek, affording some good mill sites.
"Paudash lake is a large body of water of a rery irregular form; its banks are generally low, and in phaces rocky nodstony. Sone very pretty islands are also scattered through it; its outlet is in the township of Fariday, butting on the Hastings road, and flows very gently for a long distance.
"This part of the township of Cardifi comprises very nearly 40,000 acres, and is well worthy the attention of Government, and until it can be conveniently reached (although seyeral thousand acres are now claimed), it canot possibly be settled. TVest of this township is Mommonth, the survey of which I hive also just completed. It contains at least 60 per cent: of good land and I would respectíuly beg to recommend, a new road be opened through this tract in an casterly and reestetly direction, connecting the Bobcaygeon with the Gastings row-thus affording access to both these roads, together with that afforded by the "Burleigh rond to the interior."

## JONES

Is bounded on the north by the towaship of Robinson, on the eat by the township of Sherwood, on the south by the township of Bangor, and on the west by the township of Lyell.

It was survered last year by Provincial Land Surveyor Forrest, and contains 40,016 acres, including roads and water.

A line for a road to conncet the Opeongo and Mastings roads was also surveyed at the same by Mr. Forrest.

The following is an cxiract from the report of survey :-
"The road line is based upon the 12 th and 13th concession lines of the tawnships of Jones and Lyell. Folloring the deviations shoinn on the trice, a very fiar road could be located and made, notrithstanding the excecdingly rough and hiliy country througl which it would hare to pass, but is the country along the entire live, (with the exception of a small tract of hardrood lind commencing at lot No. 24 in the township of Lyell, and extending to the Jistiugs road line) is uuft for settement, that is for farming operations, such a road would be useless for the purpose of locating settlers. There appears to bo a belt of rough hilly country varying from lialf a wile to a mile in width, skirting the level red pine plains of the immodiate ralley of the River Madawaska, aud separating them from the rolling hardwood uplands of the midale and sontherly portionsi of the townshin of Lychl. It is through, or, more propery speaking, along. this belt of rough country, thit the proposed road ruas to a great extent in the township of Lyell, and licrice the most important objection to that reute. Trom my own obscrations, and also inforiuation obtained from reliable men, who have explored throngh the township from Bark Late to the East ings road line, I am of opinion that a good road arailable for settlement can be made, through the township of lyyell to the Hastings linc by lociting tithout two miniles sonth of the line of the proposed road. That portion of such a road, connecting it with the Opeoning road, through the towaship of Jones, would be uniti for settleneut.
"The accompanying timber map shows with considerable accurney the division of the township into pine and hardwood lands. The pine Jands may bo considered as generally unfit for settlement, consistiag of red pine phans, withia soil of course sind or gravel, and rocky or green hills of irregular shape, covered with red and mhite: pine, and othor green timber. Here and there a lot may be found with a tolerably good, soil, but in gencrill the reverse is the casc.
"The hardirood lands may we generally considered nit for sotteneut, the soll betng a rich sandy loam, although in many places stony. Maple, birch, bassmood, beech, elin, and ash, are the chief woods met with, und lece and there a white pine of superior grom th and quality:
"Of the whole township, 15,000 acres are available for settlement.
"There are sereral lakes in the township, of which Bark lake is the largest and by far the most important. This lake is an expansion to the River Madawaska, which forms its inlet and outlet; its waters are in gencral very deep and clear, and abound with various kinds of execllent fish, such as several varicties of trout, black bass, pike, pickerel, maskinouge, and other descriptions, valuable to the settler as a material aid to subsistence.
"The Ottawa and Opeongo road runs through the north-cast corner of this township."

## LTMERTCK

Is situated in the county of Hastings. It is bounded on the north by the township of Dunganuon, on the cast by the township of Cashel, on the south by the township of Tuder, on the west by the Hastings free grant road. It contains 54,139 acres including roads aud water, and ras partly surveged in 1557 by Prorincial Land Surveyer Quintin Johinston; the residue of the township ( 10,509 acres) was surveyed last year by Provincial Lani Surveyor McLicod.

The following is an extract from Mr. McTcod's roport of survey:-
"I have classified the soil under threc heads, viz., good, fair and pocr, about one fifth of the lind may be placed under the hend of good, and is well fitted for the purpose of agriculture; threc-tenths may be classed os far, and is rather indifferent for farming purposes, being shallow aud rocky; the remaining half may be put down as poor, being light, sandy and rocky, quite unfit for farming. There are some cxtensive beaver meadows, from which the settlers and lumberers mow quantitics of hay, and which with a little cultivation would become excellent meadows. Many of the marshes might also be made productive at a small outlay by draining.
"The largest part of the township is corered with hemlock, pine and cedar ; more of it with mixed timber, such as hemlock, beech and maple; and the remainder with hardwood. becch, maple, de.
"Lumbering has been carried on to a considerable extent in the north-castern part of the township adjoining Egans river.
"There is still, however, a good deal of raluable pine in many parts, particularly about Silmon lake, whero I understand Messrs. Gilmour © Co. intend to lumber this year. They have now a large dan at the outlet of Gull lake which raises the water in it and Salmon lake ahout six fect, to save water for the flushing of rapids on Beaver Creck when rumbing their logs.
"The township is well matered with streams and lakes, the lirgest of them, Salmon like, corers 1,509 acres, and is a very fine sheet of water. The tributaries of Beaver Creck are beatifully clear and pure, those of the Madaraska are dark colored. The total water area is 2,902 acres.
:Gencrally throughout the tornship the rock is near the surface, and priucipally compused of crystalline limestone, dipping on the average say $30^{\circ}$ West, strike say N. $20^{\circ} \mathrm{F}$. In many parts the strata aro considerably broken, but they generally lic pretty even.
"At the same tibe my survey was in progress, lands were occupied by twelve families, who had posecssion of 1,185 acres, they had cleared 62 acres and estimated the ralue of their improvements at $\$ 1,885$. Their crops last year were as good as the average throunhout, this comiry. Spring whent and oats secmed to flourish well, and potatoes were remarkably fine; ; for of them had maize and pumkins; turnips appeared to be a good crop. large quantitics of salmon trout and bass are enght in Salmon lake; decr are also very numernis, and are a great assistance to the settlers. There is also a good deal of trapping an the lakes and rivers. I have hoard of trappers making $\$ 300$ in one season by their furs.

- Wince completing the surver. I have hend of more lands being taken up by settlers, unar those at jresent occupied. The route which those in the south-castern part of the townthip use, for getting in supplies, de., is by Wadsworth lake and south-west diagonally aeross "Tudor to Dillhrigee. If the road surveyed by Mr. Snow last autumn, which I unlenstand conses within tro miles of the centre of the south town line of Limerick, were opened out and improved, it"would help the settlement of Limerick tery much, and the seitiers would tap it at the nearest point. A good site for rad ran casily be found to connect it with the south part of Limerick."
"The country along the boundary from lot No. 15 to the lake which comanences on lot No. 22 presents a very favorable appearance, for, with the esception of an occasional swamp, the land is almost cselusively covered with hardwood timbers, the surfice geatly undulates, and the soil is deep and of a rich loamy nature. Side line betwen lots 20 and 2. commences in a swamp, which continues along the line for one quarter of a nile; the line then enters a fine tract of land, gently undulating, and covered with maple, beech, basswood, and large hemlocl. The line runs through a country presenting the same fentures to the niddle of concession 6, and on concession live 2-3, the land is of the same uudulating character from lot 16 to lot 25. On concession line $4-5$ the land is broken and rocky westivard of lot 20 , but eastward to lot 25 the hardwood tract still continucs; about the middle of concession 6 , side line 20-21, crosses Burnt river, the south shore of which is stecp and rocky, the north'shore is low aud level for a short distance, and beyoud, the land is high and rolling.
"In the 7 th conecssion the line crosses a large tributary of Burot river callel Otter creek. In the Sth concession the land improves again, and from this concession to the north boundary is a fine tract of laud covercd with maple, beech, basswood, and cln of $\mathfrak{t}$ very large grueth, this tract extends from lot 10 to lot $\geqslant 5$ in all the concessions from the Sth northwards. The soil in this section is of excellent quality, of a dark color, great depth, and very free from stone ; in some places granite boulders appear at and above the surface, but rocks are not prevalent in this locality escept in some hardwood ledges which occasionally traverse the country.
"It is remarkable that in many places partial windfalls occur, although the soil throughout chis tract is of great depth. The timber here is of large size, maple, beceh, clm, and basswood predominating, pine being rarely met with. The surfice of the coustry is uudulatiug, but in some places rather hilly, the country is well watered by largestreauis and interspered with stramps of cedar, black ash, and spruce; beaver punds are frequently mot with; beaver, otter, and mink are very pleatiful, and decr are also in abundance There is a large lake, called by the hunters Otter Lake, towards the uurth of this township; it is of a long, narrow shape, and thic shores, in most places, risc abruptly from the watcr's edge-in some instances in aluost perpendicular cscarpments, the waters from it flow into Burnt river by a large strean, called Otter Creek, In the viciuity of this lako is an excellent tract of farming land, the soilbeivg of the most fertile nature, couposed of a dark, rich, sandy loan ; it is ceerywhere of great depth, and gencrally rests on as substratum of gravel or coarse sand. Large, heallhy elm is very abundant in this, scction, and the other timbers also grow to a great size.
"Along concossion liue $14-15$ the land preseuts the same farorable aspect, is far as lot 9, where it becomes more broken and rocky.
"On lots 9 and 10 is a small lake, through which a large creek fows in a northerly direction; and at the south of the lake where this stream flows in there is a vers good site for a mill-a fill of from 13 to 14 fect could casily be obtained, and the situation is in every way admirably adapted for the erection of a mill. There is soue good pine in the neighborlood, not in great abundance, but in sufficient quantity to supply all the wants of a settlement. The land from lot 9 to lot 4 is rathee broken and stony, zad on side line 5-6 is very much broken-to the north boundary it being ncarly all windfall.
$\because$ Along the west bouudury, from concession 15 southwards to concession 11 is a tract of good hardwood land, which extends eastratd in some places as far as lot 6 , the soil here is very fair, aud the surfice undulatiog.
" Between this and the large tract of good land to the east there is a rough, graute veiu, corered with lienlock, pine, birch, and balkam. In concession 10 , side liue 5 - 6 enters a very broken country, which continues to the south boundary; this tract is tra. versed by roeky ridges, and interspersed with cedar and spruce swamp-the timber is small aud stunted, liemlock, pine, birch, balsam and maple predominatiog. The pinc in some places is of considerable size. On concession 6, side line 5-6 crosses Burnt rirera little to the eastrard of a high fall, aud further south the line passes within a fer feet of another fill; where the waters rush over an almost uubroken descent of betreen 20 and 30 feet. The river hore is very large, averaging about $\$ 0$ feet in width, betrecn the falls the curront is rapid, and the banks are steep and rocky Pinc is abundant in the ncigh borhood. Thic land continues rough and broken, and on conocsion line $4-5$ this rocky tract extends custwards as far as lot 18 . Swamps and boaver ponds are thickly inter
spersed over the country, and the soil is yery ligit; ;indeed, in that section lying between lot 11 and the west boundary, the fht rock is willin a tow iaches of the surface, and in some places visible. With the exception of this rough trict to the south-west, the land in this township is well adapted for settlenent, a greater portion of the area being oue unbroken tract of hardwood lind, through which the soil is rich and fertile. The country is well watered by lakes and largestreans, widn there are tumerous mill privileges on Burnt river and its tributaries. Pine is in sufficient gumbity to sapply all the wats of the set-s tlers, and large hatelhy cha is rery abundint throughout the tornshin."


## 列いO

Is situated in the county of Lastings. Te is bomalel we the north by the township of Limerick ; on the cast by the township of Crimshoma the south by the cownship of Madoe; and on the west by the township of lake.
 water and roads.

A small portion of the townsin, wats surveya in ism, by Proviacial Dand Surveyor P. V. Elmore; a portion in 1857, by Provincial hend Surveor W. Si. Deanc; and the residuc, a block of 6,986 atres (including rath and water) in the $15 \mathrm{th}, \mathrm{J} 6 \mathrm{th}, 17 \mathrm{th}, 18$ th, and 19 th concessions, lots 6 to $\%$, last ycar, by Trontincid han Sureyor NeLicod.

The following are extacts from the heporte of Survey:

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"The land in this towning is of mather an inferior quality, beiug rough, broken, and uudulating in character-the ridges generaly roeky and umpoductive, and the valleys of a deep, alluvin soil. his resourcs, in al lumbering point of vicw, are worthy of remark: pine (white and rel) is rery abundat, of targe size, and of grod quality-easy of accoss, and with great advantages for getters to market.
"The township is drained by tho hoirt and Jotdu fers, Beaver Creck and its tributaries possosss may sites for mill wed manfacturing entablistmente.
"The southern portion of the tarnship is composed of the linestone formation, of mauy varieties; the northern portiou is of the primitive formation, and forming a part of the great "Granite region." The aproximate line of dicuarkation betrecen thesc formations is represented on plau; but as itruas through bloken section of country, and the different formation variously interstratifed, it wouldrequire a professional gcologist to definc it correctly.
"Though the laud gecorally is not of a sood quality, there is a great influx of setthers, and numerous applicatious tur wild land'; and i hare great pleasure in being able to state, that the lauds on the Hastings road are sethliag rapinly."

## Extractirom Mo. MoLcol's Repurt.

"The northeru portion of the block surveycd (say half) may be cousidered as good land and fit for farming purposes.
"About one fifth of the ceniral pertion is tolerably fair, though rough aud rocky.
"The southern portion, being the remainder (say one-hird), is yoor and saudy, only fit for lumbering.
"There is an cxtensive bearer wealew on Iots Nos. 10 awd 11 ,-17th and 18 th con-cessions-where large quantities of hay are moved ty the adjoinivg setters.
"A large quantity of pine, in the suape of logs, has atrealy beco taken from the vicinity of Bearer Creck.
"When I was surreying, Messrs. Ghuour and Co. hat three exteusive lumber shanties in operation on the soumera and widue parts of the woth. The best of the timber is ncarly cexhasted; there is still a goal deal of imemine quadity, and a latge amount lics on the ground wasted on account of sath Bunishes. The more horthern part is covered with hardwood, ecc.
"The block is well watered with strams; Beaver Greek Hows through the northwestern part; there are several rapids in its course.
"The rock is composed principally of erystalline linestove, and is similar to the formation in thic township of Limerick.
"The block is woll situated for setilemont; being on Beaver Creek, supplies can casily be obtianed from the Hastings roud., Some of the lots in the noith part are well worth the attention of inteuding settlers."

## APPENDIX No. 44.

## SYNOPSIS OF THE REPORT OF THE DEPUTY SUPERINIENDENT OF INDIAN AFEAIRS.

The system of selling lands, the purchase money being payable by instalments without the condition of actual settlement following, during the period of inflation in 1856, '57 and '58, threw the greater part of the townships in the Saugeen peninsula into the hands of speculators, who outibid the intending settlers, -purchasing at extreme rates in hopes of being able to dispose of the lands before a second instalment became due. A period of depression followed, during which there was but little demand for Indian lands.

The privilege extended to these speculators of allowing them to surrender the greater number of their lots, and of applying the instalments paid on them to complete the purchase money of the few they retained, has enabled tho Department to re-offer these lands to the public, and chey, together with the unsold lands, have been brought into the market at moderate prices, and inquirers for land for actual settlement are increasing.

In the Saugeen District the Superintendent has been instructed to sell the lands fit for tillage to actual settlers only. This may temporarily limit the quantity sold, but the benefits arising from the restriction will amply compensate for $i t$.

No apprehension need be entertained in regard to the payment of both principal and interest by the actual settler. The aid afforded by the Department to the corporations of the townships of Amabel and Keppel in opening a road on the boundary lino betweon the townships, will facilitate the sale of the lands in that locality.

The Indian lands in the townships in the neighborhond of Sault Ste. Marie, were in the autumn of 1863 , placed for sale asder the charge of Joseph Wilson, Esq., who resides at the Sault. A mining location has been taken up in one of these townships (Fenwick), which it is hoped will tend to develope the mineral resources of that locality.

The exploration by P. L. S. Dennis of that portion of the Great Manitoulin Islands surrendered by the Indians, has been followed by the survey of the arable lands, which is now in progress.

So soun as the survey is completed the Indians will be located in terms of the Treaty of October, 1862, and the residue of the lands opened for sale to actual settlers.

For the gencral topography and resources of the Island see P. L. S. Dennis report of his exploration in the Appendix No. 41 to the report of the Commissioner of Crown Lands for 1862.

The practice of individual Indians cutting or disposing of the timber on their reserves to white men for trifing remuneration, which has so long prevailed and been tacitly overlooked, has, as nearly as possible, been put a stop to, and the leading men among the Indians have, as respects certain reserves, consented to the timber being disposed of by the Indian department, with the understanding that the chief part of the moneys realized from its sale shall be placed at intcrest for the benefit of the Bands to which the respective reserves bolong.

Iu proof of the benefit resulting from this arrangenent, it may be stated that $\$ 3000$ of bonus for the right to cut timber on the Anderdon reserve, and $\$ 4,115$ for that in Caradoc, has already been received. This is in addition to the duos chargeable on the timber, when cut.

In the Saugeen District a number of licenses to cut timber were taken out last autumn, and on that and other Indian lands, considerable quantities of timber are being made, the charges on which will make satisfactory additions to the permanent Indian funds.

In Lower Canada also two not unimportant amounts have been received for timber. See statement $E$ liercwith.

## Land :Sales.

The new sales during the year amount to 16,141 acres, being somewhat less than in 1862. Of these 1258 acres in the township of Seneci were sold at an average of $\$ 7.64$ an acre, and the remainder, 14,883 acres, at an average of $\$ 2.38$ an acre.

The quantity of lands surveyed into lots available for sale, amounts to 431,100 acres. For details see statement $H$ herewith.

## Lower Canada Indians.

Some of the Troquois of Caughnawaga have evinced a disposition to consent to the sale of their lands in the seiguiory of Sault St. Louis, but owing to the want of unanimity and their valuing the property at too high a rate, nothing has yet been effected.

During the year 1862, 1,102 of the Indians on the north shore of the St. Lawrence (where the visitation of small pox was apprehended) were vaccinated, and 497 in 18033.

The expense incurred in procuring and forwarding supplies to the destitute Indians, and the annuity farnished for the purchase of seed grain and roots and farming implements for those engaged in agricultural pursuits, will be found in tabular statement $D$, which contains also other charges upon the Legislative grants to Liower Canada Indians.

Mr. Fortin, the stipendiary Magistrate for the protection of the Fisheries in the Gulf, who distributed the supplies to the destitute Indians, suggests that they should be encouraged to turn their attention to cod-fishing, and be aided by grants of boats and fishing tackle.

## Indian Education.

Statement I contains mucb interesting information on this important subject, the benefits resulting from which are beginaing to be appreciated by the [ndians.

The Indian population is giren in talular statement $J$, and shows'a decrease in numbers since 1858 .

## Repression of Intemperance.

It is gratifying to recorit that in the Grand River Tract Temperance Societies have been organized and are prospering.

Injunctions have been given to the Visiting Superintendent to exert the authority which the law (though inadequate in its provisions) confers upon them in punishing with severity those selling or bartering spirituous liquors to the Indians. The law, however, in defective, as it does not provide a punishment for an Indian dealing in spirituous liquors, who can be made the instrument by men of other origins for effecting their disposal; nor dons it provide for the imprisonment of offenders who cannot, or will not, pay the fine imposed on them.

Since the issue of the Report for 1862 , the Department has, by death, been deprived of the services of two of its experienced officers, Capt. George Ironsides, Superintendent on Manitoulin Islands and North Shores of Lake Euron and Superior, and Mr. Francis Assikinack (a son of the venerable J. B. Assikinack, Head Chief of the Indians of the Monitoulin Islands), Clerk and Interpreter in the Indian Office, Toronto. Two Head Chiefs have also died, namely, Chicf Sawyer, of the New Credit settlement, on the Grand River, and Chief Yellowhend, of the Chippewas, at the Narrows of Lake Simcoe.

## Revenuc und Expenditure.

General Statement E exhibits the reccipts and expenditure of the inoneys of each tribe of Indians, and Special Accounts for the year 1863.

Their revenue have continued steadily to inicrease.
Schedule F shews the account between the Government and the Iudian Iepartment for 1863 , as taken from the books of the latter.

Tabular statement $\Lambda$ exhibits the Staff at Eead Quarters and their salaries for the year.
Schedule B exhibits the salarics, allowances and payments in detail for each Superintendency, Division or Fund for 1863 .

The Contingent and Special cxpenditure for the year will be found in tabular statement C, which includes the cost of the survey of the islands in the St. Lawrence and Bay ot Quinte, \&e., commenced in 1861, and advances to the surveyors employed on the Monitouiin Islands.

Schedule K is a list of pensions paid by the Imperial Government to persons who held appointments in the Indian Department previous to its transfer to the Provincial Government.

Schedule $L$ is a list of the various bands, to certain aged and destitute members of which, blankets have been issued hitherto from Imperial funds, but by Order in Council of 3rd October last, the cost ( $£ 275$ ) is to be included in the Provincial Estimates for the future.

The Graud River Institution supplies, at no cost to the Indian Funds, the opportunity of traizing the young Iudian people in a manner apparently equal to existing requirements, of which many avail the inselves.

Further, the Departuent, which maintains at Vietoria College two Indian youths of conside iable promise can, as occasion offers, bestow a similar favor on others who may desire and deserve a good education.
APPENDIX No. 44.
Return of Officers and Employees of the Indian Department, for the year 1863.

| Designation. | Namo. | Salary, Por Annum. | When Appointod. | By whom Appointed. | Date of first Appointment to Próvincial Scrvice. | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Superintendent General. ... | Hon. Wm. McDougall..... | $\$ \text { nil. }$ | 24th May, 1862..... | Governor General. |  |  |
| Doputy Superintendent..... | Wm. Spraggo................. | 200000 | 17th March, $1362 .$. |  | Appointed to Surveyor Gonl's |  |
| Caiof Clork.................. | M. Turnor.................... | 140000 | 1st A pril, 1851....... | Governor Gencral and 0. C. | Apptd. to Governor's Sec' Defo 14th Oct 1842. |  |
| Accountant................. | C. T. Walcot ................ | 140000 | 1st Dec., 1859........ | Governor Gonernl and 0.c. 17th March, 1862. | Appointed to Crown Land Dopartmont,-Oct., 1854. |  |
| Corrosponding Clerk ........ | L. Vankoughnet.. | 73000 | 1314 Feb., 1801...... | Governor General and 0. C . |  |  |
| Tomporary Clerk........... | J. P. M. Lecourt............. | \$2 per diem. | 10 th April, $1862 \ldots . .$. | Superintendont Geveral. |  |  |
| Mossongor......... .......... | Robt. Jessop................ | 24000 $\$ 5$ por mensem, | 1st October, 1559 ... | Superintondent Gencral.- |  |  |
|  | - | $\$ 10$ per monsem, <br> 1st Sopt. to 31st Dec., 1863. |  |  |  |  |

Semencle of Salaries paid, and allowances and payments made to Individuals;
the year

and for services at the Outposts and Stations of the Indian Dopartment, during
1863.


Schedule of Salaries paid, and Allowances and


Payments made to Individuals, "\&c.-Continued.


WM. SPRAGGE,
D. S. I. A.

## C.

Statement of Special Payments, Contingent and Incidental Expenditure, by the Indian Department, during the year 1863, out of Upper Canada Indian Eunds.


T To De refunded by tho Alawiek and Manitoulin Indians when the lards are sold.
This inchudus $\$ 100$ of $1 \mathrm{S62}$. $\ddagger$ Ofice disbursements for 1862 but not paid till 1863 .
Paid to F. McAnnany for lands sold and moneys receired by him.

Statement of Special Payments, Contingent and Incidental Expenditure, by the Indian Department, \&c.-Continued.

C. T. Walcot, Acc. Ind. Aff.

Indian Department,
Quebec, 22nd Fchy., 1864.
Statemext of sums paid out of the Lower Canada Indian Fund, duning the year 1863.


[^10]WM. SPRAGGE,

## E. -1863.

General Statement of Receipts and Expenditure Account of the scveral Indian Iribes and Funds, during the year 1863 ;


WILLIAM SPRAGGE,
Quebec, 22 nd February, 1864.

Statement shewing the number of Acres of Indian Lands sold during the year 1863.

| Number of Acres. | To what Tribes belonging. | Amount of Principal. | AverageRate per acre. |
| :---: | :---: | :---: | :---: |
| $\cdots 11,780$ | Chipperas of Saugeen and Owen Sound. |  | \$ c. |
| - 1,646 | Mohawks of Bay of Quinté...... ......... ... | 237202. | \% |
| 1,075 | Chippowas of Nawash......... | 5808 7800 780 | 23 |
| 360 | Batcherrining Indians... | 36000 | - $\quad 0$ |
| 1,258 | Six Nations of the Grand River. | 961250 | 764 |
| 16,141 |  | \$45090 05 |  |

## H.

Statement shewing the quantity of Surveged Surrendered Indian Lands remaining unsold, with their computed average value.

| Townships. | Where Situated. | Estimated No. of Acres. | Average Value per Acre. |
| :---: | :---: | :---: | :---: |
| Amabel.. | Saugren Peninsula | 9,677 | \$ 20 |
| Keppel.... | do do | 20,264 | - 250 |
| Albermarle............................ | do | 2S,046 | 250 |
| Sarawak ........................................ |  | $\because \quad \begin{gathered}484 \\ 600\end{gathered}$ | ${ }_{2}^{2} 500$ |
| Indiun Reserre, Cape Croker........ | - do .a.t..................... | - 15,586 | 100 |
| Eistuor................................. | do :...................... | 57,099 | 100 |
| Lindsay ................................ | do . ...................... | 69,054 | 100 |
| St. Edmund..................... ...... | do | ©6,720 | 100 |
| Maedonald............................. | Lake Huron, North Shure | 10,104 | 050 |
| Arores ...................................................... | do do | $\begin{array}{r}\text { ¢ } \\ \quad \begin{array}{l}21,544 \\ 18,048\end{array} \\ \hline\end{array}$ | 1050 1050 |
| Kars.......................................... | do ${ }^{10}$ do | 11,283 | 050 |
| Pennefather........................... | do $\quad$ do | 18,278 | $\bigcirc 50$ |
| Dennis ............................... | do do do | 3,537 20,600 | 050 050 0 |
| Pai Poonge................................. | do da | 43,840 | - 50 |
| Tyendenaga............................ | Digy of Quinte | 7,300 | 250 |
|  |  | 431,1001 |  |

## Indian Department,

Quebec, 22na Fobruary, 1864.
Statement of the condition of the various Schools established for the benefit of the Indian youths throughout the Province.

numberitg 63 are Loarded, elothed, and oducatod, at the expense of the Socicty. the Now England Suciety. One of these is the Mohavk Institution, where the children

Exrract fom W. Ir. Bartlett's Report, Iutcd Toronto, Fcb:y 10th, 1864.
Ncarly all the Indian Schools in my district, with the exception of the Mohawks at Tyendiarga, are supplied with teachers by the Wesleyan Mrethodist Socicty, and their salarics are paid by that body.

The Rama and Snake llshad Indias, however, contribute $\$ 50$ a year cachin addition to the Wosleyan payment.

Much care is taken by the above named Society, in its selection of those persons engaged as teachers for the ludian schools, and only those are employed whose characters are beyond suspicion as regards morality.

These teachers, being under the immediate superiatendence of the Wesleyan Confercace, aud, not apointed or paid by the Indian Department, are not called upon to report to any une bat the Society that engages them.

Lealled upon Dr. Wood, the Gencral Superintendent of Wesleyan Missions, thinking that he might possess soure reports. He said he would have been hapny to have afforded the Department any information in his power regarding the sehools supported and cstablished by their Society, but that he had only received a report from the Alnwick Band.

Records are seareely ever kept by the teachers of the Lodian schools of the attendance of the children. I have, however, written to the several bands under my charge fur information, but from those at a distance it will be a good while before I can receive answers, if supplicd, at all. When receivel I will lose no time in transmitting them to you.

The Indian children are very irrogular in theiratendanee at sehool. There are three scasous of the year when the schools are closed, viz. : in the spring, for surar making; in the winter, the hunting season, which commences in October and continues till the opening of navigation in the spring; and the wild berry scasou. During the sugat-making and hunting scason the Indians close their houses and move to the bush with all the members of their family. Their villiges look quite deserted. In the berry seasou the children are Lept from school to assist in gathering the fruit. Indeed, whenever they absent themselves from school the parents evince great reluctance to enforce their attendance. It is a general complaint of all the teachers, both white and native.

## At Sauyecn

there are three sehools-noe supported by the Wesleyans, who pay the teacher $\$ 200$ a ycar-a white teacher. One establishsa by the Congregationalists-a native teacher-and one established by the Iudians themselves-the teacher a native. (This school is supported by subscriptions and collections made by the Indians themselves at home and abroad.)

Le Cape Croker.
One sehool by Wesleyaus-white teacher. One by Church of England-native teacher.

## Christien Distamel.

One school by Wesleyans; Rev. Mr. Salt, their Missionary, and an Indian. Fe tausht their seliool when first established, and was paid a small sum by a vote of the Indian Council. A native teacher, named Luke Sky, has been engaged by this band to teach their school for five months, the Indians agrecing to pay him $\$ 30$ and the Wesleyans alibe amount.

## Ramu.

The school here is under the Wesleyan Society; which pays the teacher annually $\$ 15850 \mathrm{c}$. The Indian Funds pay $\$ 50$-a native teacher.

## Snale Istame.

Wesleyan Mission herc, supported by Missionary grant of $\$=50$, and by Indian funds $\$ 50$. A white teacher.

A portion of these Indians are settled upon Georgina Island, about nine miles from Snake Island, where they have erected a school house, which will be ready for ocoupation next ycar. The Wesleyans have assisted these Indians in their building.

## Rice Lake.

Wesleyan"school and grant $\$ 200$. A whito man:

Muct Laik.
Teacher appointed and paid by the New Nagland Society. $\Lambda$ white man. Scuog Lake.
There is noschool here. This band is a very small one, and the Indians are unable to engage a teacher. There are only abrut 10 or 12 of an age to go to school.

These Indians have diminished very much, as you will see by the census returns. Thave used all the arguments in my porer to induce them to remore and join cither the Rice or Mud Lake rommunity-but they object.

## Alnuvich.

There is a very good scliool here, under Weslegan management. The amount paid by their Society is $\$ 3+0$. The attendance at this school appears to be pretty regular, which is attributed to the influence and crample of their excellent native chief and missionary, the Rev: John Sunday. Many of hese Jadians go out on their honting expeditions, but they are further removed from their hunting grounds, and therefore do not take their children with them.

## Mohenchs of Tyendinarga.

The Indian councillors choose their teacher, and the Indian funds contribnte towards his support $\$ 200$. Me is a white man. The Rev. Mr. Anderson, of the Church of England, is their missionay, and a trustec of the school. I have no reports of this schonl, but have written to Mr. Anderson to obtain, il possible, the information you require.

The Siendy Istand Intiens
are supplied with a teacher and paid by the Wesleyans, and included in their grant for Prench River, for which is paid \$160.

(Sigued,) W. R. Barthett,

D. S. A.

Hxamincd.
I. V.K.

The following general information concerning schools established for the iustruetion of the Indians rithin the Grand River Division, has been supplied by Mr. Gilkison, the resident Superintendent :-

The New England Socicty have seren schools, incuding their excellent Institute, all of them being under the supervision of the Chicf Missionary, the leer. N. Nelles. The Weslegan Conference has a school under the missionary charge of the Rer. P. Germati. These schools are for the education of children of the Six Nations, but who do not contribute to their support. Mr. Nelles informs us that the cost of maintaining the lnstitute and schools is over seen thousand hollars per anmum. "The Institute now accommodates 60 hoarders, but the bnilding is about to be enlarged so as to admit of recoiving 100 children. In the New Grodit settlement, a school is supported at the expense of the Wesleyan Conference, and is under the care of the Rer. Thomat Williams, Missionary.

Another school has lately been formed at the expense of the Band, an excellent ner building crected, and provision made for a school-master.

I hare, \&ic.,
(Signed, J.T.Grıkrson,
Examined.
D. $S^{\prime}$ © C
L.V.K.

Comphatrie Stathmext of the Indian Population throughout Canada, as far as can be ascrtained, between the years 1858 and the latest census taken since.

| Name of Tribe. | 总 |  |  | Lncrease. | Decrease | : Romarks. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| Iragugis of St. Tonis | 13.42 | 1852 | 1561 | 10 |  |  |
| trogunis of St. Teris | 685 | 879 | do | 19.5 |  |  |
| S̈ipissings, Algonfuins, and lruqueis of iatho ol Trro Mountains. | S3.t | SS. 4 | No censu | staken | since 18 | 58. |
| Abenakis of St. Erancis......... . ...... .... | :37 | 27 L | 1861 |  | 110 |  |
| Atsenkis of Beeancot | 172 | 51 | 158:3 |  | 121 |  |
| Hurms of horetio | 282 | :300 | do | 15 |  |  |
| Amalacites of Viger | 171 | 170 | do |  |  |  |
| Biemaes of Ristigoucho ....................) |  |  |  |  |  |  |
| Montarmats of Point Jhue ................ |  |  |  |  |  |  |
| Mistasins amd Naskapius of the low wer <br> At. havrence $\qquad$ | 31.6 | 2560 | 150 |  |  |  |
|  | 2550 | 2760 | 1563 | 10 |  |  |
| Withissagnas of tho Credit | 206 | 191 | do |  | 15 |  |
| Gacidas of the Thames... | 529 | 529 | dio |  |  |  |
| ditiprowas and Munsees of | 580 | 558 | do |  | 22 |  |
| Moravians of tho lhames | 249 | 235 | do |  | 14 |  |
| drymulots of Anderdon | (6) | 06 | do |  | : |  |
| Ohipperas of Point Peleo | 60 | 45 | "do |  | 12 |  |
| Chippewas and Fottawatamics of Walpole <br> Iriamd $\qquad$ | S24 | 700 | do |  | 12.1 |  |
| Chippewas of Kettle Point, Fiver Suble and hear Creck. | 67 | Included | since 15 | 5Samong | the Sarn | ia Bands. |
| Itaistoblin Ishand Indiuns................... | 1290 | -1290 | No consu | $s$ sinco | that of | 1858 on record. |
| Ohipuewas aml Potawatamies of Saureon | 256 | 259 | 1863 | 3 | ........... |  |
| Chippewas. Pottawatamios, and Otharas of Sarnia. | 512 | 497 | 1863 |  | 15 |  |
| Chiperas of hakes llaren and Simeoc.... | 564 | 504 | No censu | s thkon | since 18 | 58. |
| Miseissaguas of Rice, Mbd, and Sengog Lakes. | 802 | 302 | 186: |  |  |  |
| Mohawks of Lay oi Quinté. | 568 | 626 | do | 58 |  |  |
| Mississumas of Alnwat .................... | 217 | 225 | do) | 8 |  |  |
| Ohahwas and l'edawahmies of Curistitn Tx:anti | 0.4 | 16 | do | 2 |  |  |
| Siver Jesert Indians........... |  | 2.45 | do |  |  | Reserve n |
| cume Croker and Colpoy | 30 L | 343 |  | 42 |  | 1858. |
| Gitiemes of sanly Islam | 145 | 157 | do | 12 |  |  |
| Chestan Ishand hant, Mat | 238 | 241 | do | 5 |  |  |
| Chipuewas of Lako liuron. | 2228 | 2122 | 1860 |  | 107 |  |
| Chipperat of Linko superior | 893 | 1070 | 1863 | 75 |  |  |
|  | 19907 | 19891 |  | 642 | 886 |  |

WM. SPRAGGE,
D. S. I. A.

Ivptan Depalment,
Quebec, 2 2nd Fehmary, 1864.

## K.

Statenent of Tndian Pcosions and Retired Allowances paid by the Tmperial Government, during the year 1853 .

| Name of Officer or other person entitlod to rension. | Rank, we. | Amount paid. Sterling. |
| :---: | :---: | :---: |
| S. Y. Chosloy |  | $\stackrel{4}{411}$ g. ${ }_{6}$ |
| 'Lhos. G. Anderson................... | do do | 227140 |
| Rev, F. O'Meara.! | Retired Chaplain........ ......... | 1000 |
| Mrs. E. Elliott .................. .....' | Widow of Col. Elliott | 740 |
| Cervase McComber | Late Interpreter.... | :06 0, 0 |
| I. B. Assickinack | Wi do | 150 |
| Pierro Necajua ........................ | Wcundod Warrior. | $15: 4$ |
| D. C. Nupier .......................... | Ketirod Superintendent | 288 0 0 |
|  |  | ${ }^{116715} \mathbf{:}$ |

C. I. Whlcot, Acc. Ind. Aff.
Indian Department
Qucbec, 2.2nd February, 1864.

## 1.

Return of Blankets furnished by the Commissariat Department to certaiu aged and infirm Indians.


Indiar Dppartiment, Quebee, 22nd Feby., 1864.

APPENDIX No. $i 0$.
ASPECTION KERORT OF ALLEYN, CLAMMASI AND ILUDDERSPIELD, IN THE COUNTY OE PONTIAC, C. E.
To the Mon the Commissioner of Crown Lands, Quebere:
Sm, -In obedicnce to your letter of instructions beariag date Crown Lands Department, Quebee, 14 th Sept. last, I have the honor to report that I had my party organized and realy to start from home on the etth of September, and we reached the township of Alloya on Saturday the 2 (6th of the same month.

End.-Methorl of Erpluring.
i ceplored and examined this township from four encmupments as entres of operations; and I divided my party of six as follows: I cngaged two good bushmen who could tavol by the pocke compass, aud ave cach of them aman to accompany him. One man we let in the camp to cook tad take care of our bugrage, fud the other man generally : conapanied myself when there was no estra duties to du, such as portaging provisious or menge to the post ollice, which always took two days each irip. Then ach explorer stated irum a given lut-post-for instance between ine posts of lots 23 and 22 , on the rear of the second watession-and go south on the course of the side line to the next concession. 'Then he was to aseertain which side, and how far to the side of the post, with the corresbading bumbers, he came out-and start the exploration of the next concession (first) Trom the post 23 and eg, and go out to the front of the township on the aforesid course of the side line then, atter reaching the front of the township. they would ge actoss to We pust between numbers 21 and 20 , and retury un the course of the side lines throtgh the two cuncesions aforesad. Wach party performed their explumans in the same manner.

The chief explorer, or man having the pocket compass, kept the course which is in:conded to be at "hee line" as much as possible, and his assistathent the distances by baciog; allowing an average of en paces fur a chath, which enables we to give the a; frowimate distance in cach kind of land or surfice, whether hardrood, pitic, stony had, gooll lath or swamy. By this uethod we were able to see one side of every lot, wherceor such minutencss was deened necessary , but in some phes I did not decm it yecessary to ite thas minute in my examinations. We prosecuted the examinations or survey in this manacr all aromad the eamps until about a ruarter of the township had been cxaminch. and then moved caups to another quarter.

## 3rd.-Dificront hinds of Land.

I himk it may be tes well; for convenienee sake, that I should give a sort of deffition of the cerms that f shal use in deseribing the vations track or kinds of land, because it is a peat mistake suppose that all hardwood lands are amble or fit for setticment, ow proftable for cultivation ; and it is also a great mistake to supped that all the hads on which people seale will afford them a comfortable subsistence id their oha age

The land fetur settencut, or lands on which pople do setele, I shall reduce to two
 or wasen can mass orer easily. End. Lath that canot be phoughed, which I shall eall "hoenatharw" land. Jhere is agreat deal of this later kind of land that people haverithed on in both the Upher abl Lower Canda sections of the Ottawa country, which atter ten years' labor will hardly alford the occupants a better living than that of a day laborer in the old aud fertile settlements. The value of this land is yery much de. pendent on the lamber trade. On the Gatincau, Madawakia, Jonnechere, Coulonge and lickinock rivers, where the lumber trade creates a demand for hay and oats, the settlers on this chas of lands will for a few years at first get on apparently as well as those on plough hads, herate they get noarly as much for oats as the farmers in the older setted parts of the country get tor what. During the first few years there is wot mach differenee in the material progress of the one more than the other chass of the setuless, But at the end of fen of twelve years the sethers on the good plounh lands finds himself to begin to realize the tadatatial bencfits resulting from his hard labor in elentis his land, in beinge able to turn (I) the soil with his plough when the stumps with their roots ate roten aud can be casily tarued out of their places ; but the unfortumte man that setths on somy, rocky land, who can employ to advanture no aricultural implements in the caltivatime of this land bat the boe and harrov, gradually fuds the disarreeable fact dawning upou his mind that ruin and
decay overspread his former fertile fields. This kind of lad when newly cle:red will give two or three excellent crops of grain, and the a few coops of good hay, but will, "after ten or tiwelve ycars thus occupicd, declinc so much in its producing capabilitics, that what would at one time graze a horse will not now ferd a sheen. I have often licatd people say stony land will make excellent pastures, and that a man maty live well on a day farm. But this is a great mistake, no land that cannot be ploughed will long continue to afford good pastures, and even if it did, our long and severe winters preclude the possibility of any farmer gettiog a good living on a grazing farm alonc, unless he has some means of raising a great quantity of fodder; because the succoss of most farmers is determined by the amount of stock they are able to winter over. And hove can a man who raises only from half a ton to one third of a ton of hay per acre, with oat straty in proportion, be supposed to keep a stock sufficiently large to give himself and family a comfortable subsistence? A famer cannot make any profit by keeping cattle over summer, unless he can winter hem, because Jcan cattle in the spring generally cost more that the same will cost in the fall when they are fat. I have known a great natny settlers who lived for iwenty yars on juit sueh lands as I have been desceibiug, and after cleariug from sixty to a hundred acres, leave their farms without being able to sell them for a dollar atace, and occasionally abadon then without receiving a cent for them. Such will be the fate everywhere of occupats of "hoo and harrow" land as soon as the lumber trade, which is now in the vicinity of them, gets removed into the interior. As loug as the settlers can get Bs. gat and ds. for oats, and iweuty or forty dollars a tou for hay, with good wages for themselves and their teams in winter, they can live on almost any kind of land. There is a considerable proporion ui those hardwood lands that contains many swall parecls that may be ploughed, but the value of such patches is very much diminished by the smalloess in each phace, beenuse they cannot be advantageously used without being fonced, and that is a very costly and inconvenient operation to a small furmer. Butwhen a settler can get one quarter of his land to plough, say twanty-five acres, in one field, with pleaty of roust had for his cattle to run over, he can make a living in a small way.

> th.-Classification of Lainds in Alleyn.

I have indicated the tracts of lands with the different kinds of timber by three colours :- The hardwood aud a little pine by sienoa, pine and hardwool by a light tint of lake or red, and the clear solid pinery by a light grecn, with a few trees representing their respective classes.

The first and most important divisiun is that hadrood tract on dhe north side of the Pickanock river, and west of lot No. Is. It is pretty good land, and athough there is a good deal of rough lated in it, yet there ate few lots in it but what coutain some plough land, and lit for settlement, which embraces about 107 lots, including seved or cight lots of pinery, on the creck emptying into the worth side of the Pickanock, at lot 43 , whd andher small pincry around Keudekeramo like.

The second division of hardwood-that from lot 18 of both concessions on the nuth side of the river, eastiverd to the town line, and containing 30 lots-is "hoe and harrow" had being very stouy aud rough, with small hardwood ad sceiteriug white pine, a, good deal of which yot remains to be cut, and is of a good quality.

The thitd is the hardwood ou the south side of the river, when embraces aboat ILt lots Leing the 6th, 5th and 4 th rauses, from lot 27 castward, with a few lots in the west end of the the and Srd ranges, about one-furth of which is arable or plough bund, and the rest is good" hociand harrow" land. The soil in most of this tract is rather too hilly and stony to plough. Thee is a good deal of superior white pise on this division, but it is beiner rapidy cut off.

The th division or tract is that in lake or red, cmbracing alarge portion of the 3rd, End and ist concessions. On the south side of the river there are about 60 lots ot good white pine, with some hardwood, but the land is rough.

The fhe and hast taet is the light green, shewing the pinery. When there is conecly anything bespine along both sides of Grove Creek, on the seuth side of the river the soil is a very light sund, frec fron st ues, and embracing about 51 lots. a grat deal ot pine has been cut on this thact, and there is a reat deal inore to be cut. The pincry lots on the rorth side of the river, opposite the crove Creek pinery, have th good clay bottom and very level, tis well as the pinery tract on the south side. Shere is a narow strip of piner
around Kendekegamolake, and narrow strips of pine along all the creeks in this township, and the same will apply to the other townships which I have examined.

I would respectfully suggest that the Government might withhold from sule all those lots cmbracing the pincry on Grove Creck for an indefinite period; all the lots in the 2nd and 3rd concessions cast, to No. 15, for two or three ycars, cacept those that are already occupied, which will be found on the Schedule of settlers, as well as on the play. Although there is a small pinery on the north side of the river, yet the land being of a good quality $\int$ do not think it would be advisable to withhold it from sale. Wence all on the vorth side of the river, which is the best part of the township for faruing purposes, may be offued for sale; what pine there is ou it may be cas off. Eth. There are a fow men in the community who cndeavor to make the settler believe that the interests of the lumbermen and the prosecution of the tride are hostile to the interests of tixe former, whercas such a view is entircly erroneons. Under proper management the lunberman and the settler help cach other very materially, but lambermen can do better without the setter than the latter without the former. The lumbeman would much mather daw his hay and oats a long distance than run the risk of having his limit burnt by the fires of the setters; but when the settler goes ou the land shitable for farmiug purposes he does the lumberman's limit no injury, and on the other hand he furnishes a quota of hay and oats to the lumberman more conveniently than it ean be drawa from abroad in the eaty part of the season; and gradaully lowers the price. "But at the same time the settler is the greatest gainer of the two, because he is sure of a great price for his coarse proluce, and he rans no risk of injury from the operations of the lumberman, while he cujoys incalculable advantage from the roads of the lumberman, and not unfrequcuily houses himself and family in one of the lumberman's shantics.

The protection of our piac forests, under such regulations as would place no undue restrictions on the progress of settlement into those portions of the timber country that are suitable for cultivation, is worthy of the highest consideration of the Government. The lumber trade might be made to yield a revenue of one million dollars to the country before the end of seven years, without its being felt an undue burden on the trade.

To accomplish this end some of the neasures I would suggest would be the giving away of the land intended for settlement within the lumber regions to actual settles, at such a price as would cover the costs of survey and management of the C.L.D., with a small surplus for colonization roads only, and grant the settler no interest in the pine whatever, cxcept what would le used for the farm. Instead of the present mode of levying the duty on timber, I would sugerest that in export duty be imposed on all timber sawn or unsawn leaviug the Proviuce, without regard to the land whence it was taken. If the lumbermen get their limits secured to them upon terms more permanent than they have it present, with further legislation to adjust the clashing interests of lumbermen and the owners of small privileges on all the strems used for the descent of timber, with other facilities that the Goverament could extend to the trade, I feel satisfied that the exported lumber could afford to pay ten per cent., which on quantity cqual to that which was sold in 1860, viz:- $\$ 10,051,147$ worth of lumber, would yield one million of dollars annuilly. It would be but fuir that an adjustment of the duties should take place between sawlogs and square timber; at the present seale of dutics the latter pays about double the duty that the former kind of lumber does. This pine or lumber trude, the most important we have at present in the Province, should be looked at from a Provincial point of view, and tiot merely as a question to be settled on the narrow basis, as between the lumber manufacturer and the settler; because the pioc is by far the most valuable crop that will bo taken off many tracts of land on which it grows.

Gth, Roads.-Thc roads made by Messrs. Gilmour © Oo, through Alleyn, Leslie, Clipham and Huddersfield, are of the very greatest importince in"opening these townships for settlement. They have one road from the mouth of the Kizubaza to Otter Lake Tarm, and thence up the Piekanock to the Coulonge river, making a distance of sixty miles of a road beautifully cot out, wide, with innumerable good cross-ronds intersecting this main line in every direction. The roads made by this firm on the Pickanock, Kazubazua, Stare Greck and the Coulonge rirers have done, and are doing more to facilitate the settlement of the County of Pontiac then all the roads made from colonization funds expendod under the directions of Governuent. They also erceted a bridge over the narrows of News lake
last summer, which has opened direct communication from Otter Jake depot to the Ottama river, in the north-east corner of Litchfield, a convenience of which the settlers were not slow of availints themselves, because four or five families moved east and settled on lots on the cast side of Ners lake, within two months after the building of the bridge. Messers. Gilmour \& Co. have not made these roads and bridges for the purpose of accommodatigg settlers, by any means; they have constructed them for the purposes of their own trade, but they scrve the new settlers as well, and I think it but fair to state the fact, which shows that the clamor raised by the ignorant and designing demagogues against the lumbermen as the obstructors of settlement and the oppressors of the poor man, are without foundation and unjust, whereas the poor sottler gains far more from the operations of the lumberman than the lumberman gains from the settloment of the country around him.

7TH-SCIEDULE OF SETTLERS.


Sth.-Conclusion:
The foregoing list shews there are trenty-one settlers or claimants of lote, forty-one lots claimed or occupied, with one hundred and sirty-seven acres cleared, and thirty-cight acres chopped; making about au average of four acres to cach occupier, cleared or partially cleared in the township of Alleyn. Noble Carruthers is the patriarch amongst the settlers; he is an enterprising farmer who went from the tornaship of Muntly with a large family of boys. The is very zealous in promoting the settlement of the township. He acts as guide sratis to coery man who comes to look for land, and hospitably entertains them with board and lodgings during their sojourn with him. He is a man of kindly feelings and sangrine temperament, inxious to get a populous neighborhood established around him, which makes him a more efficient and successful agent in settling Alleyn than any agent in the employ of the Government could be.

These remarks and suggestions are respectfully submitted.

## 9th.-Summary.

1st.-All that tract north of the Pickanock and west of No. 18 is arable land, fit for settloment, and embraces some pine land, but is not worth withdrawing from sale as the land is good, containing 107 lots.

2nd - All that tract north of the river and cast or No. 18,56 lots, containing thirty six lots of hoe and harrow land.

3rd.-That tract embracing the whole of the 6 th and 5th ranges south of the riper, he 4 th from No. 27 eastward, and the 1st from No. 35 eastward is mostly hardwood-one fourth arable land and the rest hoe and harrow land, mas go to sale, 144 lots.
the.-That part of the End and $31 d$ ranges from No. 15 westward to the pinery. The sale of those now ungrauted might be suspended for two or threc years, it is with but few exceptiuns hoe and larrow land, 34 lots.

5th. What tract in green on the south of the river contains abont 54 lots of a pinery on Grove Creek, might be entirely withdrawn from sale, as the soil is very sundy, and there is scarcoly anything but pine on it ; and so long as it escapes from burning it will continue to produce merchatable piue.

## 10th.-Clapham2.

I made a cursory examination of this towaship, but foud it to be rather a poor tract of land, and not a great deal of pine in it either. It has but recently been blocked out, Any land of any consecuence worth settling is in the east side, and any time the Government may thing proper they might order the survey of the east half of the township. There is so little fit lor settlement in the west half that it is not advisable to have it surveyed. There are a ferw lots, however, in the south-west comer, where one Smith has settled, on a tract of very good land, which may be surreyed, but there is not more than enough for six good tarms in it. They are all on the west side of the Pickanock river: They would, no donbt, like to have their land surveyed. If the cast side or half of Clapham were surveyed there should be a range of lots laid out on cach side of the Kendekeram lake, abutting on the lake. As the land about the lake is pretty rood, this would make the best settlement. The land north of Alleyn, on the east side of the Jittle and Great Kendekegan lakes, extending towards the great bend of Eagle river, is pretty good, which, along with the arable land in the northewest of Alleyn and the east hall of Clapham, could afford as good a locality as any T know at present, in that section of tho country, for about two hundred settlers.

It is quite easy of access; all that is required toopen it up is to construct a bridge orer the Pickanoch, near tho mouth of the Kendekegan Creek, and make ten or twelve miles of rood northedy along the castside of the lakes and creck towards Eagle river.

Although i have recommended the survey of the cast half of Clapham, it is mostly high, hilly hardrood, what t call "hoc and harrow" land.

Most of the pine lands of this township are in the west half, along the banks of the Pickanock. The cast side of it is rery monntainons and rocky.: The pine belt varies in brealh from half a mile to a mile.-Seo plans.

11th.-Whembesmmio.
I made an exphration across this tornship at distances of a mile apart. It is a very poor tract ofland. Ahare is not one good lok in it that $I$ saw. The timber is small and serubly, the hills high and rocky, the broken up with lakes and creeks. There is nothing: worth surveging on sething; ceen its "hoe and harrow" land is of the most inferior lind.

There is fine erystane limestone on the line between Clapham and Hudderstield, on the south side of the Pickanock, just where the line crosses the river, and there is lina in Alleyn, on the sude lime betreen lots 28 and 22 of the first concession, "few dhanswonth of the Kazaman Creek, and there is limestone aiso on the gerd lot of the third range cie teche.

A phom of Alen and wother of Chamand Huddersield, sheming the tracts of hardwood atd pine had, as the result of my explomion or inspection, accompany this report. all of which are respetfally submitted.

> Thare the honor to be, sir,
> Lour obedient serrant,

Duncan Sivelarr, Prov. Land Surreyor.
APRENDEX No. 46.
NNBEGTON REBOR OE TMBER LANDS IN UPPER CANADA.
To the Ifonomale Wm. MeDongell,
Ottawa, 28th October, 1863. Commissioner of Crom lands.
Sut, - Kaving completed my examination of the tornship of Matawatchan, I beg leave to report as follows:-

That portion of this township on the yorth-enst is very barren and rugged, being composed of rocky, precipitous hills alternating with small swamps. The timber consists
almost eutirely of white and red pine, much of which is of inferior quality. In the valleys and slopes of mountain's the soil is exclusively sand, formed by the disintegration of gneissoid or laurentian rocks, Much of the forest from time to time has becn burned. The brulés are neither large nor continuuus, as the swamps arrest the progress of the conflagrations, so that the summits of the hills are motly burned and the slopes green. There are a few small patches of alluvial formation along the River Madawaski, consisting of pure sand, and therefore of little worth as farms. This is decidedly the most sterile and uninviting tract that $I$ have ever seen. T do not believe that there is cnough of arable land in the whole extent to make one furm. The wonder is that any one would sub-divide it for settlement.

That portion extendiog from Cotton's Creek castward to North Canonto is also very rocky and broken, mostly covered with pine, and only fit for lumbering purposes.

That part, extending from Cotton's to Lackie's Creck, and thence to the rear of the township, is the only tract available for settlement, the greater part being already occupied. The soil consists of a rich sandy loam, with indications throughout of crystalline limestone. The surface is undulating, and in some places rocky and precipitous. It is covered with a luxuriant growth of all the varieties of hardwoud indigenous to this country. Cedar swamps are also occasionally to be uet with. From an exploration I made along the line between Abinger and Dunbigh, I find this tract extends to the Frontenac road. Through this tract only a fow scattering pines are here and thero to be met with, principally on the banks of lakes or along the valleys of creeks.

The other patches of hardwood along the Madawaska are occupied.
The pine and hardwood tracts are respectively designated on the accompanying plan, the green border shewing the pine lauds and the purple the hardwood.*

I have the honor, \&ic.,
(Signed,) J.L.POBANLY.
P. L. Surveyor.

APPENDIX No. 46 B .

## Oame Townethe of Denbiah,

25 th November, 1863.
To the Hon. Wm. McDougall, Commisssioner of Crown Lands.
Sra,-Having completed the examination of the township of Miller, 1 beg leave to report as follows:

That portion of the township extending eastward from the westera outline to Brule lake, and thence northerly to the township of Matawatchan, and southeasterly to Lake No. 10, from thence easterly to Mosquito lake to the southern outline of the township, comprising the 1st, $2 n d$ and $4 t \mathrm{l}$ concessions, and a small part of the remaning concessions, is covered with all the varieties of hardwood known in this climate, maple predominating, intermixed here and there with hemlock, spruce. de. Pine is rirely met with in this section, being confined to small clumps or scattering trecs on the promontories of lakes, the valleys of streams and the abrupt sides of hills, except one grove between Brule and Indian lakes, comprising about 1,100 acres. Tbe surface here is undulating, becouing rugged and precipitous in the vicinity of lakes. The soil is generally a nixture of sand, gravel and clay, and according to the preponderance of either is productive or barren. Where hemlock predominates, it is either pure sand or rocks.

It is pretty well adapted for' settlement, particularly that part enclosed by the red dotted line on the accompauying plan, and is mostly occupied by resident or intending settlers.

Eastward of the aforesaid line, extending from Brule lake to the northern and eastern outlines, the surface is mostly clothed with a dense pine forest, white and red species, the former largely prodominating, and hemlock.

The monotony is here and there broken by groves of hardwod, the principal of which are exhibited on the accompanying plan, the remainder forming the crests of mountains, small and stunted by a scanty soil. This section of the township is very irregular, rugged,

[^11]rocky and broken, barren and uninviting, and therefore entirely unfit for agricultural pursuits; with the exception of the patches of hardwood referred to, and marked according to size and quality of soil, and coutaining in the aggregate about 2,000 acres. The soil in geacral is sand, and not unfrequently bare rocks. In utilizing the pine forest as a source of wealth and revenue, and considering the small area herein fit for settlement, it is questionable if the ultimate advantage of locating these fer lots would be commensurate with the risk incurrel by the periodic fires of the settler, which prove so disastrous to the pine in its vicinity.

Though said to exist by Mr. Harper, I have not discovered any trace of limestone; from my opportunitics of seeing the fixed rock in exposed situations, such as settlers' clearings and roids, and the Mississippi road, It think if it existed I could not fail to have seen it.

On the accompanying plan the red border cucloses the bardwood land, and the green the pine lands. All that parts of the tornship south and west of the red dotted line, with the exception of the land surrounding Iudian lake, represents the land fit for settlement.

All of which is most respectfully submitted.
(Signed,) J. L. P. O'Hanly,
P. L. Surveyor.

## APPENDIX No. 46 c . <br> Camp, Townshtr of Lyndoce, 10th December, 1863.

To the Honorable Wm. McDougall, Commissioner of Cromn Lands.
Sir,-Having completcd the examination of the township of Denbigh, I beg leave to report as follows:-

The pine forest occupics but a comparativcly small portion of this township, irregularly distributed, and chiefly confined to the vicinity of the modern and western outlines- Vide accompanying plan, whercon the pine country is enclosed by the green border, and the hardwood by therech. Besides this, there is much senttcred about through the hardwood in small insulatel groups or single trees; also along the valleys of streams and on the margins of lakes. Kodeed there is not a hill-and in this township their name is legionon whose summit, southern and western slopes, there is not more or less pine, therefore the actual considerably exceeds the estimated area.

By far the larger portion is occupicd by hardwood, and the different species of greenwood, the former consisting of maple, beech, birch, basswood, ironwood and some elm, ash and onk; the latter of hemlock, cedar, balsam and spruce.

For settlement purposes, I have sub-divided the township into two sections, by the red dotiel line on the accompanying plan. The land to the north and west thereof is very rugged, rocky and barron, and "wholly unfit for agriculture, except small and isolated patches occasionally to be met with, rarcly excceding a few acres. The soil is chiefly sand or gravel, with boulders, in many cases the bare rocks protruding nay, occupying large areas. This uniuviting tract is traversed by the Addington road from north to south, and viee versa. There are about twenty settlers in this township located along the road, several of whom are Germans, Others have made improvemonts aud abandoned them, as many of those remaining mast eventually do from the paucity of arable land. I do not think that scarcely one of these road lots or free grant lots contains twenty acres of land of arerage quality, and L have been informed by the settlers that along the road southwards the land is still inferior, and almost exclusively pine.

The other, or south-castern section, is tolerably fit for agricultural purposes, containing arable land in considerable quantities here and there, intermixed with rocky eminences aud swamps, is fow lots of which are already occupied by resident or intending settlers. The surface is rolling, occasionally broken by steep, lofty and rocky hills. The soil consists of saudy lom, a mixture of sand, gravel and clay, either predoninating according to situation and like productire agencies.

There is consideratid limestone to be met with.
All of which is respectfully submitted.


[^0]:    Falue of Exports at Gaspé nud Outports, 1563 -(Valeur des exportations : Gaspe etaux ports
    extérieure, en 1803).................................
    $\$ 734,852$
    do do do 1862 691,075

[^1]:    * Nore.-In addition to tho above sum, Goods saved from Wrecks and Ship's Rigging, de., wore cx ported from Gaspe to Quebec, amounting in ralue to $\$ 31,824$.
    (* Note.-En sus de la eomme ci-dessus, dos articles sauvés de naufrages, sréments de navire, etc., dó la valeur de $\$ 31, \$ 24$; ont êté cxportés de Gaspé è Qu(bec.)

    n. S. M. BOUCIETSE,<br>Commissioner of Customs.<br>(Commissaire des douanes.)

[^2]:    * Note-In the Quebee Return for 1562, a clorical error occurred: 65 Vessels were built in that year, instead of 62. as then shern; makint a difference of 6 Vessels- 5,225 tons-short returned at that port.
    * Note.-Dans le rapport de Queboc pour 1802. uno orrear cléricale s'est glissée, 6S navires ont éte oonstruits en cetto annfe au liun de 6t, faisant uno 'difference de' 6 vaisseaux, 5,225 tonneaux.
    R. S. M. BOUCHETTE,

[^3]:    

[^4]:    Repairs, 1863
    $. \$ 15,392.02$
    Management, \&c.; 1863
    40,855.98
    Total
    $\$ 56,248: 00$

[^5]:    The number of days' work above given is equal to nine (9) men permanently employed, or about 13 men to each Station.
    HENRY R. SYMMES,
    (Sy) Superintendent.

[^6]:    Andrew Russell,
    Asst. Commissioner.

[^7]:    ANDREW RUSSELL
    Assistant Commissioner.

[^8]:    FThere was, through the whole seltemont, a lack of soed, but mhoat mas by far tholens io quantity ehan
     por was there atin io setfior that hadias mach as he wishon:

[^9]:    6 30, LertSt. Jeam Port Joli.
    (1)... 300 p.m.
    (6) 31 Anchored below Grne istaud 600 p.m.
    6) 31. Left Cme jsland........ " 300 a.m
    "A.Al. Anchored at St. Patrick's
    Hote, . . . . . . . . . . . 1000 a.m.
    6 3n. Lett Si. Panick's Hole ..... 430 p.m.
    31. Arrived at Quebec......... 700 p.m.

[^10]:    C. T. Walcot,

[^11]:    - The colors mentioned in this and the following Roport reter to Mr. O'Hanly's plan, of Record in the Depaintmeft, not to the accompanying Map of the district.

