quence of ill-henlth shortly afterwards aceepted the oflieres of querk of the Crown and loint Clerk of the Peace, which were fered to him by the Government. White holding this posi con, the performance of his luties was so satisfactory to the poble and the Unvirmment that on resigning thin ppontment two years atter, to return to practice, he ing terms the able manaer in which he had discharged hi duties.

In 1802 or 18e; 3 he was appointed as Assistant Professor Constitutional and Criminal Law in Medill Gniversity being asociated with the: Hon. Mr. Justice Balghey. He now crupics that chatr atom
Me kiahops belleg ingon him the degree of the drater of LL.L., beine one of the Govemors of that in titation, having ben wected to the position some years ance by the Proviminl Synon of the Anglican Chareh. Since


 deted by the membern of that hody ar one of the delegates to the Provincial syoml. In twoth capocites her hat taken an active part in the debate berore both houner. In beri Mr Gret wat "fortal by actamaton beprextat Montral man of the Committe. on Privat, Billa, and was mont aswid tous in the disehare of his dutio. It is to his exertions that in the sombl erssion of that Legishater her ohtained a the prosetant minerity wern dowly interented







 distmuishod part in the pmith, of the lomathot Fry


 thir Pomim

## anadan fablampat


 Kavinheton traty

 yectimg larenty of
he Howe atjourne

 ceny of stamps remived it thend rading, ath the. Hown mjurnes.

 Lisht Honar Inspector


April 29--Sir Joms A. Macmisatb had on the tathe mpies

 assimilation of the weights and measures of British Cohmbia
 cmanected with the Laterowhial haitroal. Carriad. Mr.
 the grievanee of the homan Catholios in that Ptovines Sir had no machosato repliced that the Dominion Gevernhent Catholios should fight for the romoval of the grievanee at the polls. After a discussion resperting the composition of the
 be clected by the propte or by the lrovincial hegislatiore, the House adjourned at 11:45
Sipril 30.-Several private bills were intreduced, aftor whinh of the Treaty of Woxhington lig suspobling ertain chases in the Fighery Lawa, The bill met with some opposition and Was finally withirnwn. Sir Jons then laid upon the table papers relating to the ahbuction of the whooner "E. A. Committee of the Whole on Wiays mod Homas, delivered the unanl budget speech tie stated that the nmomit of the publio debt at the end of the froca! year was nearly eighty million dollary-soven-and-a-half milious of which bore no faterest,
as it was a portion of the dobt of Old Canada. Notwithstand ing the large expenditure in 1871 the net debt decreased fo million dollars. He thated that Canada to day held no leas a sum than threc million dehlars in Lonton on deposit, which made ond fimmaina poxition imprefnalhe. We estimated the revenue of 187 at $\$ 17,360,000$; and the actual receipta were
$\$ 10,3 a$, efo. The notual expenditure during the past year was $\$ 15,623,180$, leaving a total murplus for the year of
$\$ 3,712,479$, The nctual revenue for the pant year amounted to $\leqslant 20,050,600$. He anticipated another million dollare of mphus revenue next year While remectine that Sir Jous A. Marnovald had been requested to take a seat upon the Soint Hish Commission, he held that there were no jus gromads for the ery that had been raised by the opponents in Cambat of the Washington Treaty. Hon. Mr. Mackexze Heecenom to critige the speech of the finance Minister Se commenced by ojecting th the large amount of debt womb be necesary wincur in order to carry out the term fret fiwed at sho 000000 and it was now the Goin 000. He next attacked the course of the Govern ment with regard to the Impurial guarantee. He spoke of the epwhes in favone of severing the connection with the Drether Comatry, recently delivered by a meth bre of the Cabinct and a member of the Honse, as most mortumate, anf calcolated to probuce a fase impression hrow. Me congratulated hee fon. Minster of Finance on the cing abomt it Sespecting the Tariff, which had a trite nationa prosperity of the country. Ha. Exprested his pachme at the ima of eltimate imberenture Hon. Mesors. McDoces ant others followed. Hon. Mr. Cuacceac reforred to the plat form of th. Sational party of Quebee, which advocated the commercial indopendence of Camada, and urged that this was not a mfi-ghard against
late continaed matil $10: 3$
May I - After routine, Hon. Mr. Pope stated that the rnment did not intern to provide for an exhibition of cattle horticultural and agricultural produes, se., from all parts of Are Dominion of Camada inis.2. While aympathizing wit he otigh which the: Aericultural soctome hall in wew, he aid the Government did net intud to extend aid to them aint the Gowermmont woulatake fom care that the best site wind i... selected for way now canals to be cometucted. Sit charges upon Catanhan homad goons pasing through the Coited Sutes to aserb Commana several other members supporta the






 The moser of the motion hatsegrextol The House aijourned six cortork whomat takiaz ation on the motion
May - Ater frelminary bu-iness had beendeopathed,


 hohd whi, in howre Gama, amy daw salary therefor. sir


 as ehmanerater wis not illozat. citing the ane of the late
 and viber kimilar casm. He conchded ler stating that as the apobiathent. The lebate was continued br Messta lo
 Cats :menel th. Hons, into Comanite. on ther reces

 Committe. for three mouthe This was defated be a wote
of: feas, be: Says it. The Commitee, howe rer had only sat a fow mintes when Mr, Doses (Hatiax) mored it shouh

 Gaphr. of retran one another ensbiner betwent the Hon.
entimen. The motion was declared lost. and then one to gentemen. The motion was declared lost and then one to
 ort-r, and the House adjommed at 12 oclock.

## THE VABKTGAS MaDVOT

Wi. illastrate this work a marnitieent viaduct, designed
 and reconty constracten hy Messs. Demmad E io, of Bait-
 piets upon which the britge rests are anonges the highest. at in hivi 9,3 gis ft per being 14 t. in heipht, No. $3,252 \mathrm{ft}$, and No. 3. 178 ft
the Phornix fron Company, who alan furniabht iron, made by fron nsed in the structine, The phers are divided into tiers of 25 ft . cach in height, abil commeteal ly cast-iron joint boxes to which the columas are bolted
The horiematal stmatiug, onsisting of donble : channel struts is tirmy athinhod at cach tier to the cast-irmin joints. to which joints is atso atached the red bracing, longitudinal. ransvere, and horizontal.
The piens at prate
The piets at grate measure 10 by 50 ft . The 12 less all hatter transversely one half in and one half out, as they dewhatever condd be obtained by bringing the converging legs together at their feat, ench group of four columus forming an
inverted $M$ transversely. Longitudinalls the piers are verti cal, holding their size of 50 ft . from top to base. The pier legs rest in heavy cast iron fect, planed to a true surface
which are anchored to the rock or base blocks. All boarin surfacen are planed and truly dressed, and as every portion o each pier has been artually boted together and carefull narked, no misfits can well take place. The maximum pres sure on the base plates of the cast feet is 121 Ib . per squar Tho waximum wret fill loaded.
dumna, which aressure persquare inchion the main bearin $4,612 \mathrm{lb}$. per muare inch.
Machinery has been devised and sent out for raising th piers within themselves. The end spans are to be rased in the ordinary way, by scaffolding. The central spans are to be: framed together on such an incline as will permit them $t$ be lifted boxlily between the piers on which they are to rest highachiuery provided for the parpose. As sron an the had drop haps above the pieforen of the had hold of raised abow its, piorcaps The adjustonent then becomes simple matter, and the zpan can be aceurately placed ia position.
Wich trust on a futare necasion to publith details of this work We now ntwut to be erected.
We conay mention, in conclusion, that Mr. Henry Meiggs rator for ho hima and Oroya Railroad

## LAKE KINOGAMI

Of this lake, also calles Kenutgomi, Keneangomi, Chinobr-
 eagher up that iner. lis lengeth is variondy represented by tavellers as from tive to nine leagnes long and from half a mile to two miles in widh, with an average breadth oi nearly a mile. Is is navigatie for ressers of so or so tons, and by some accounts for versels of at least wo twhe Anexphrer,
 separated from another lake called kizuaromithith by \& peotos of diridine ridee abont a male or ono -ad-a-balf miles lone and hat a mile wide, which sharates the watere towng southwarl directly into be facheray fom thene which, by pursuing a notherly where firs onter lake St. John, a topo-
 stram falts from Lak. Kighatominist into Lake Kiguagomi.
 higher than thoce of the sormer surrounded by high tocky hills, som- of which have burren clifis abot wor feet hish. The sobther bordors tise jato hills at abont 301 fet hish. timbered with pruce, whit, biech and apen: the land is so
 of the lake is quite untit or culture The northern sibe, al
 clits of ranite, whose base is bathed be the waters of the
laks: their sammite are dothed with ares and



 at the entrancenta river and wond be an excellent situation tor a village. Opmeste to it on the south side a small stream falle iato the hak irom betocen the high mountains whent form its bed, and the casode at its cotracesentords a good site for a mill and sicailar establishments. About four miles from Pointe an sable is a dry grea har, which appeare to chter dep into the northra riore and to be free from mown-



 b-nath its nmmons rochy ques and bays and its preapions
 are nether so high nor so barren. The lerthe hubgemb,
 lenath and hes on the height of ha
Wigui irom Lake Kiguagomishish.

Chemias Composimos of a Salmon-Professor Sir F Chistson threw a pecular hight on this subject on Monday evening nt he Rogal sority, He commanieate the results determining the difference in compesition lnetwern clean and foul sabuon:-: One of the shocimens examined was a rery fine clabarma samon, yot. in weight, taken last May from the theway of the river lay the other being a kelt eaught in the heginning of the present month-anaty a hrute as "wer was seta under the name of salmos. The resalt of the examination was to show, what might have been concluded from the taste, that salmon contained a large quantite of oil.
In makine the expriments mases of bat were aroided and In making the experiments mases of hat were avoned, and
only the substance dealt with which is analogous to the lean of the meat. In the case of the chene selmon the fiesh taken from the dorsal region showed 16 -60 per cent. of oll, 20.57 per cut of mitromenouz mater, 0 sa and os per cent of water; while that from the abdominal retion showed, of oil. 304 per cent, of nitrogenous matter 18 se per cent, saline matter 0 ss per cent., and water 58.0 per eent. The foml satmon, on the other hand, showed in its persing of on la per cent, nitrogenons matter 16.92 and in ics alntomianl rerions, of oil 1.3 per cent nitrocenous mather $1-\frac{2 n}{}$ per wat salize matter $n$ ss per cent nud vater sos per cent. Taking the mean of the doral and abolomimal revions in both, the results were:-For the clean salmon, on 18.53 per cent, nitrogenous matter $10 \% 0$ per cent., saliue matter 0.8 per cent, and water $60-89$ per cent.; and for the font samon, on 12 a per cont, nitrogenous matter 1607 per cent., salme mater 0.ss per cent., and water sobso per cent. Sir Robert onlled attention to the fact that in the fond tish the quanity of oil was very much less than in the other: the was cousiderably vreater This completel contry of water idea as to the inferiority of a foul salmon as compared with a dean one. The great quantity of oil in the latter was an argument in farour of the general Scoteh opinion, that a good salmon required uo sauce."-Land and Waker.

