of Burope ns they are here. Their workn are not confined to wheh have entarged the range of seience. In their company whet le piaced the names of Hinds, Bell, Billings, and Whiteaves. Principal Dewson deserves a niche all to himself.

Compot digerse into a notice of the edurational institutions O Ontarionnd Quebec; but the great wellolars who are conmeted with some of these and who wonh be the hoast of any comtry in which they might reside, annot he passed by in silenes. Vorrean, and Chandonnet may be styled' the guardians Camadian letlers.
1 an mot suthiciently acquanted with the details of the iterary movement in the Maritime Provinces, to enter into an acembt of it, but know that owimg to the compact govern ment which hoth Novat sotiand New Branswiek have long enjeged, pophar crineation hat met with a high degree of encournsment. I know further that the names of Howe, the two Halihurtons, Gidrey, boyd amd hmmition, are worthy to he with these thoy present a galary to which all Canadians tan point with pride.
III.

These signs of progrese in both the English and Frunch hapabse are very natinfactiry, but if Canada aims to have a mote is regured. She munt be self-sutficing in the way of murn inhing facilitier, and an to "rpecialities" in both science Faghat or the Uniteri Statex
Sow it is precincly in this donble rexpect that I note the advane which Canda has made within the past thece or four yrat. The firms of Lowell and of Desharats have long been
 wist hud remen. Gut these establinhmente are at present no important jublishiug centres. flo say anthing of the sehool. tumbsath other volumes put furth by the tiret-named firm, I hall instance 7 he Domimon birctory, which, considering all
 Chemtam, publinhed by M. Destiarats, at an ontay Siden, is an undertaing worthy of Trubner or Pion The cop-right haw of 1868 , thongh iy no means perfect in
all ite provisions, has prowed of grat benefit to the comatry, and ;hminhers have taken at vantage of it to inaugurate a air wity wen a start in the matur, and their reprints of popuhar works of lwoth English and American writers prove, perhagis twer than anything else, how much Canadians have
hamel to rely upon themselven. The time is not far dintant when there will le Canadian ditions of most standaril nuthors as well priated and eold at least ab cheap as those importer fatn atroad.
It wits ion pap re could believed that litemary weeklies and pictorial
 ing of every demeription, and while looh appar equal to Amarican ghers of th. Rume standard, their moral tone is 1apos. With regard to na illustrated paper, the Dominion
 1.ntahor, Patris, Berlin, or Neiw lork Nay, to Camala belongs meturstirethy from phetoganhs, without the intermediary of epermt. impertant changes in the pictorin! art the chier of whin will be to phace the copies of the timest petures within rath wit the most moedest purse.
Frna wehly pablications the matural transtion is to
matithy ones. his a long step t. Lake, hut the country will tahe it Sothing strikes me as bether illustratiag the progress atom wheh 1 write, than the fact that the canadian people
aro pepared for and demand monthly magazines of their own. it in mity yestrday that a gentleman who had withessed the bern uway, asked me how the " hew mation: had hoon getting



Rosides literary mayazines there are special organs deroted
topresesional and tochacal studies. Agricultureand Horticolture have severni in the different Provinces. There are at Coast two tomy knewledge, for the Natural scicnees. I have Law feviews, nod two Jourmals of Edncation. mbectink the newspapers of the Dominion. They are not ming a mpecial department of hiferature in themselves, but
thay are tho means of foseming aud propurating a taste for they are the means of foretring and propagnting a taste for
liternturn among the mases. The number of Canadian news papet, including, for reference thone of the colonies not yet mated the the Dominion, renches the habelame tital of 390 The distribution is as follows

| Ontario | 215 |
| :---: | :---: |
| Quetree. | 75 |
| Noma Sotia | 35 |
| New Brunswick | 30 |
| Newfonndlant. |  |
| Irince Edward's I sland |  |
| Mritish Columbin |  |
|  |  | Mritish Columbin

Manitolu....
Thene japers present a fair avernge of nbility and enterprise the forejg press. I loarn, however, they are not so remuner ativens they onght to he, owing to a want of common understanding as to business management. Ontario has its Press
Asrociation, but that is not enough There whonld be a Asseciation, but that is not enough There should be a
Dominion Fress Association to regulate the rates of advertiseDominion Fress Associntion to regulate the rates of adretise
mente, the vital question of pre payment, a miform system or mante, the vital guestion of pre payment, $a$ uniform systet
teleghaphic reports, nud other equally inportant mathers. Cnmphe hap now, nuty other equally inportant mateme continue the good work which sher has licgun. If sho is destined-ha there is reason for helievher to takeome a great and prongerous nation,

Obn Lasprbaxce.

## ST. CATHARINES; ONT

St. Catharines is one of the brightest little diamonds in the oronet of Canada.
In 1775 a corps of loyalists, known as Butler's rangers, first in what is now called Niagara. In 1796 Sheriff Thomas Merritt, an officer of high standing in New York State, and of course a loyalist, settled in Grantham, as it was then called. A large proportion of this Grantham was owned by Rolert Cathilcrine, Esq, of Queenstown, who on the death of his wife, Chtherine, named the settlement after her, St. Catharines. This name was given the town in 1808 The first church same. In 1802 the first hotel was built by Captain Adams a leading gentleman of the place, and leased by him to another party. This hotel used to stand to the left of the city as seen in the illustration. Capt. Adams' son, the present Col. Adams, is paymaster to the Welland Canal, and an esteemed resident
of the district. In the war of 1812 we find the Lon. Win. of the district. In the war of 1812 we find the Hon. Win.
Hamilton Merritt, son of the brave old Sheriff, an active ofilHamiltou Merritt, son of the brave old Sheriff, an active ofti-
cer of cavalry. St. Catharines was often crossed and recrossed cer of cavalry. St. Catharines was often crossed and recrossed
by antagonistic troops daring the war, in which Captain Merritt played no inconsiderable part. This same gentleman may ine cousidered the actual maker of the precent stirring and opened it ia 1829 . It extends tweuty-cight miles from Dalhounic to Port Colborne, and forty-four to Port Maithand. Like the magic tonch of the conjurer, this canal caused to spring up not only St. Catharines, but Thorold, Meritow, Port
Robinon, Welland and other thourishing litic paces. The Robinson, Welland and other flourishing little places. The
principal manufacturers among the "saints" are first and foreprincipal manufacturers among the "saints" are firstand fore-
most- Lonis Shickluas shiptuider, who has spent four million dollars; next, John Rierdon, the largest paper manufacturer but one in the world; Norris $\&$ Neelon, who awn a large smithy, cooperage nid saw factory; Tuitle most extensive in operation in the Dominion SicFate \& Co varjety factory; Helms \& Wilion, who carry on an immense lamber and planing raill businees; Bishopric, soag factory;
Disher \& Hait, woollen mills; Von Pornhorf, considerable oil Disher \& Hait, woollen mills; Von Pornhorf, consiterable oil
works; Wait, Beaver cotton mille, the tirst established in Chnada; Gordon, McKay \& Co.'s coton milts, which are the hargest in the Dominion.
Besides these a host
Besides these, a host of minor mills, factories and work shops, worked by water and ateam power, make the Welland
Camal throb with machinery from St. Catharines to Thorold and give employment to some two thonsand operatives of al kinds. The hotels of St. Gathariues are superior, the Stephenson and Well nd being very fiat buildings.

Bendes her manufacturing privileges, St. Catharines owns
particularly disagreeable water, which medical wen have particularly disagreeable water, which medical men iave declared to bavecurative elements; hence hundreds of people
in summer throng the hotels of the place to drink of the "n summer throng the hotels of the place to drimk of the
"hiter waters of Marah; " and the town has become: celebrated watering-place. Dr. Hill has recenty added to the water cure establishments, and deservedy enjoys a con
Papers in St. Catharines obey the Divine injunction given to man after the food, as they certainly multiply rather fast
First comes the Furning Journal, owned and edited by Messra Grant, Montgomery, and Cuff; this is a smart racy dail and weekly ministerial paper. It was first started in 1824
The Evening, Daily and Weekly 7 imes is owned and run by Mr. P P. W. Moyer, who has done gool service to the Clear Trits in the Welland Election. The Constitutionat, conservaInland Revenu: Commissioner. The Fres fress, Mr, Fitz gerald, and the Advertier conplete the list. fet anothe daily paper is in contemplation.
Two large pork packing establishments add to the wealth of the town The largest is run by Brownlee\& McArthy, nad
in a decided credit to the place. The other is owned by winis a decided credit to the place. The other is owned by Win-
grove $\$$ Co. Both firms are vigorously building; ak, indeed, grove $\&$ Co. Both firms are vigorously buiding; as, indeed,
balf the wealthy people of St. Catharines are doing at the present time
heriff Thomas, and their father, the Hon. Wran Hamilton Merritt, handed down to them, at the present moment we find one of the family member of the Dominien Parliament, and Presiden: of the Welland road, another the most eminent historian in the Dominion of Canadn.

In this issue we give an illustration of St. Catharines, and two stree views, showing some of its principal buildings The popul
thousad.

THE EPISCOPAL CHURCH, STAYNER, ONT
The thriving county of Simeoe, in the Province of Ontario, has many fourishing villafes, and among these may be menfoned the village of stajner, situntat in the township of Cotawasuga, nine mites of its prosperity to the fact of its berug a sataion on the Suell of its prosperity to the fact of its heng a staion on the thousand We cive an illustration, copied from a photograph of the Fepiscounl Church there, which is a handsome structur and very creditable to the enterprise of the congregation. The Rev.S. Briggs, M.A., is the Incumbent

The Communist, Folix Pyat, one of the arch-spirits of the movement, who has so long evaded the searches of the Pari police and soldery, has happy knack of steering clear of the dangers of enterprises in which he emtumed, and on this oscarion he was the only considerable exceptinen to the peneral rule that the leaders of the Commune were killed or taken.
He has heen in London some time. Ho remained hid in Paris antil the strength of the Anti-Communist storm had in some degree spent itself, until the seareh had relaxed. He then sole out hy the Strasburg railway, and went eastward and, where men who knere him well were specially posted Nuxt he made n circuit und came to England. He dwells in the classic region of Leicester-siture, and like many mian lightx of the commune now in Fughand he is much dependent upon the frienditions of his more fortunate fellow-country meti.


When poverty our coffers filp




##  

<br>

SCIENTIEIC

A man willdie for want of air in five minutes, for want of heep in ten days, for wat of water in a week, for want of or life arding incervals, dependent on constitution, habits have, and the circumstances of the occasion. Iustance veeks without eating a particle of food, but when opportun des have been offered for a fair investication of the case it has been invariably found that a weak and wicked fraud has been at the bottom of it.
Warm Bathing.-The warm bath is a grand remedy and will often prevent the most virulent of diseases. A persou hould seedily plonge into receive hinection or any kinc, to ensue, sad then rubdry and iress securely to gruard against aking cold. If the system bes imbibed any infections matter $t$ will certainly be removed by this process, if it be resorted to before the infection has time to spread over the system and even if some time has clapsed, the drenching perspiration
that may be induced in a hot bath will be pretty sure to rethat may be induced in a
move it.-Family Mera'd.

Postlre of the Head is Slebping-It is often a question mong people who are unacquainted with anatomy and physiolugy, whether lying with the head exaited, or on a level with the body is the more unwholesome. Most people consulting their own ease on this point, argue in iavour of that which ther prefer. Now, athough many delight in bolstering up
their heads at night, and sleep soundly without injurs, yet we declare it to be a dangerous habit. The ressels in which the declare it to be a dangerous habit. The ressels in which the lour cavities when the tead is resting in bed higher than the body; therefore. in all diseases attended with fever, the bead ought to be pretty nearly on a level with the bodr. and people ought to aceuston themselves to sleep thus and aroid the danger.

Stragberg Cathedral.-The cathedral is thought by the Strasburgers to be sadly damaged : perhaps the fact that the only a tritte taken possession of it is considered br them as the ground ; but I must confers that to stranger eyes it looks, externally, much as it did eight years ago. When the effect of the balls was pointed out, one could, of course, perceive that here a statue had lost an arm or leg; there a long piece of parapet shot away; and, further en, the muilion of a win-
dow was splintered : yet, as I have said, these misfortunes dow was splintered; yet, as l have kaid, these misfortunes going within the beantiful edifice we were greatly grieved to sue the fearful eaps-now closed by boards-and numerous speckings all over the grand coloured glass of the windows. The one most seriously damaged is the clerestery of the nave, immediately facing the nrgan. The large cinque-foil in the head of this is entirely shot away, and great damage is done o other portions of this and the neighbouring windows. A horrible pous $\rightarrow$ huge pointed cartridge-came crashing smashing in the orran pipes lodged in the organ itself. Here, wonderfal to tell, it remained without exploding. Had it burst, of course annihilation of not only the beantiful organ, nut also of great part of the chthedral itself, must have been the consequence. The custodian of the tower has had the dreadful missile mounted on a foot of marble, and on it fixed a brass plate telling the day (or rather the night), month, aud car, when the fearful hail of iron and fire fell on the de voted inen blinds argan pipes have not yet been replaced, bure than half of the orman is so covered thus shoring the extent of the damage done. The marvellous mechanical clock is apparently minjured.-Builder.

The more prominent members of the British Association, Gurgh meoting , private conferences held during the Edia permanent Science Uuion, for the discussion of scientific topics and the diffusion of scientific kuowledge in other ways. is felt thit annual mectinge, and then only of a fortaights ral character, which does not guarantee positire, and lasting giod results.

