

Thursday, Aug. 24, 1899.

TROUBLOUS TIMES.

Britain pouring troops into South Africa, the Americans having daily engagements with the insurgents in the Philippines, assassination in France, Russian peasants starving with famine, while the "nation" is squeezing China and making all the world suspicious, fearful hurricanes in the West Indies, and the Scottish coast swept by a storm.

Premier Laurier intends to address a series of meetings throughout Ontario.

Arrangements recently completed by Minister Mulock, enables mail matter to reach here from Dawson in ten days.

The Lord Mayor of Dublin has issued an appeal to Irishmen the world over for funds for a monument to Charles Stuart Parnell.

Sir Wilfrid Laurier has gone to his home in Athabaskaville to rest. Sir Chas. Tupper is in England, and sails for home Sept. 7.

Hon. Ed. Blake is in Canada, but as he persistently refuses to be interviewed, the press has little to say about him.

Deafness revision still goes on, and he has a hard time of it. Riots in Paris on Sunday, worst since 1870. Poor France seems one of Salisbury's "lying nations."

Two shipments of ammunition from Hamburg, Germany, are being refitted admittance at Delagoa Bay by the Portuguese, and President Kruger is wrathful.

Paul Kruger still rejects British proposals, but wants new negotiations. This is very exasperating to Britain, for all the while the Transvaal is being made an arsenal and of course Britain is not idle. Read the account of Boer life on inside page of this REVIEW.

To-day, Thursday, Sir Richard Cartwright will address a big meeting in Toronto on the political issues of the day. Advancing years tell on the activity of the old war-horse, but he is still good for cogent argument and sturdy blows.

EDUCATIONAL CHANGES.

The Globe of Saturday last gives important changes in the courses of study in the High schools and higher forms of the Public schools. We summarize a few points:

Agriculture is made obligatory in Forms IV and V in rural schools, but is optional in urban ones.

Text books are to be used in Form V, but for Form IV instruction by conversation is to be the method.

A great and important change, it seems to us, is that putting the choice of poetical literature to be studied in the hands of Principals, no selections being prescribed by the Department as hitherto, this to be followed by such supplementary reading as the Principals may recommend. This applies to Form V of the Public schools and Forms I and II of the High schools, and will place a responsibility on the teacher which we fancy will be gladly accepted. This looks like the small end of the wedge giving the individuality of the teacher more play, and may result in the end in dealing a blow at the everlasting machine-like grind of examinations, where often true worth owing to nervousness and other causes, is relegated to the background and bold superficiality wins the day.

Needlework, domestic economy and manual training may be taken up in town schools at the option of trustees.

The examination for Public School Leaving will hereafter be the same as that for the first part of the Junior Leaving Course. The examination for Form I of the High schools is abolished.

Present holders of Public School Leaving Certificates and present holders of Form I Certificates will be entitled to certificates of having passed the examination of Part I Junior Leaving by passing on arithmetic and mensuration, grammar and history and taking the prescribed percentage on the total of these subjects.

Junior Leaving standing will be obtained only by passing in the prescribed subjects at one examination

or in two parts (I and II) as defined below, which may be taken in different years:

The subjects prescribed for Part I of junior leaving standing are the following:—Reading, drawing, geography, book-keeping and commercial transactions, English grammar, English literature, arithmetic and mensuration, English composition and history. The course in agriculture will include what is taken up in the authorized text-book as far as page 73. The course in the other subjects will be based as heretofore upon the work prescribed in the regulations for Forms I and II subject to requirements for examinations hereinafter mentioned. For 1900 no examination will be held in reading, English literature, drawing, book-keeping, botany or agriculture, but no name of a student who has not given due attention to these subjects is to be included in the confidential report of the principal.

The subjects prescribed for Part II, of junior leaving standing are the following:—English grammar and rhetoric, English composition, English literature, ancient history, arithmetic and mensuration, algebra, geometry, physics, Latin and one of the following groups:—(a) French and Greek, (b) German & Greek, (c) French, German and chemistry, (d) French, physics and chemistry, (e) German, physics and chemistry, (f) Botany physics and chemistry. A candidate who has already obtained a certificate of having passed Part I of Form II, will not be required to take the papers in arithmetic & mensuration, English grammar and rhetoric and the obligatory physics.

Percentages.

Each question paper will hereafter be valued at 100. Candidates for Junior and Senior leaving standing will be required to make 50 per cent of the aggregate marks prescribed for each of the parts into which the examinations are divided, as well as 81-3 per cent on each paper. Seventy-five per cent of the aggregate will be required for honors. If, after all the answer papers are read, any question paper should be found by the Board of Examiners easier or more difficult than intended, the minimum on the paper shall be correspondingly raised or lowered, and the total number of marks correspondingly increased or diminished. Each candidate who makes the required aggregate may be awarded a certificate, even though he should fail to obtain the minimum in a subject provided he was regarded as fit to pass in that subject by the staff, as shown from the confidential report sent to the department before the examinations.

County Model Schools.

The abolition of the primary examination will not affect the rights of holders of primary standing, obtained in 1898 or a previous year to attend county model schools. It should be understood that County Boards of Examiners are not allowed to award third class certificates to candidates who do not make the higher percentage required by regulation 63. A district certificate shall not be granted under this section of the regulations unless there is a scarcity of teachers, and until the consent of the department has been first obtained. Renewals, granted under regulation 87, are valid only in the county where issued. Beginning with the examinations of the model schools of 1900, an additional paper in methods will be submitted to test the ability of the students in training to teach drawing, writing, book-keeping and elementary science (botany or agriculture). There will also be an examination in reading.

WINTER WHEAT.

Results of Tests made by Ontario Farmers.

Eighty varieties of winter wheat have been grown in the Experimental Department of the Ontario Agricultural College for at least five years in succession, and the power to withstand the cold weather, strength of straw, amount of rust, yield of grain, weight per measured bushel, etc. of each variety have been carefully determined each year. The results of these practical field experiments at the College form the basis for the selection of a few of the very best kinds for testing on the farms throughout the Province. The co-operative experiments of the past few years show that those varieties which have given the best average results in the experiments conducted at the College for five years in succession have nearly always given satisfaction on the farms of the Province.

In the autumn of 1898, seven varieties of winter wheat were used for the co-operative test. These were divided into three sets with three varieties in each set; the Dawson's Golden Chaff being used in all the sets as a basis by which the results of all the varieties should be compared with one another.

The past winter was exceptionally severe on the winter wheat crop throughout Ontario; consequently the number of complete tests is not so large as usual. Reports of successfully conducted co-operative experiments with winter wheat were received from seventy-two experimenters before the 12th inst. at which time we started to work up the summary results in order to place the information before the wheat growers at as early a date as possible. It is interesting to know that these seventy-two good reports came from no less than twenty-seven counties and districts in Ontario, including Essex in the west, Carleton in the East, and the District of Algoma in the North. As we sow about one million acres of wheat in Ontario each autumn, the results of the winter wheat experiments conducted on the different farms throughout the Province are of inestimable value to those interested in wheat growing.

The following table gives the comparative yield of straw and grain per acre of the varieties of winter wheat tested on

Hood's Pills

Are prepared from Nature's mild laxatives, and while gentle are reliable and efficient. They

Rouse the Liver

Cure Sick Headache, Biliousness, Sour Stomach, and Constipation. Sold everywhere, 25c. per box. Prepared by C.L. Hood & Co., Lowell, Mass.

seventy-two farms in 1899: (a)—Straw per acre in tons. (b)—Grain per acre—Weighted bushels.

Table with 2 columns: Variety, (a) Straw per acre in tons, (b) Grain per acre—Weighted bushels. Includes Dawson's Golden Chaff, Stewart's Champion, etc.

Three of the foregoing varieties have been used in the co-operative tests over Ontario for each of the past six years.

The next table gives the average results of the six years' experiments with each of these varieties at the Agricultural College and also throughout Ontario.

The first column in the table is the O. A. Test, average of 6 years in bushels per acre. The second column is Ontario Tests, average of 6 years in bushels per acre:

Table with 2 columns: Variety, O. A. Test, Ontario Tests. Includes Dawson's Golden Chaff, Early Genesee Giant, etc.

CONCLUSIONS.

1. In the average yield of winter wheat per acre, the Dawson's Golden Chaff stood highest among 11 varieties tested over Ontario in the year 1899, among 9 varieties in each of the years 1894, 1895, and 1896, and among 7 varieties in each of the years 1897, 1898 and 1899.

2. In the co-operative experiments for 1899, the Stewart's Champion, Bearded Winter Fife, and Dawson's Golden Chaff came through the winter the best, and the Golden Drop the poorest.

3. The Early Red Clawson and Imperial Amber were the first and the Bearded Winter Fife and Stewart's Champion were last to mature in 1899.

4. Dawson's Golden Chaff and the Early Genesee Giant possessed the strongest straw, and the Bearded Winter Fife the weakest straw in the tests of this year.

5. Stewart's Champion and the Bearded Winter Fife produced the longest and the Golden Drop the shortest straw in 1899.

6. In the co-operative experiments of each of the past six years, Genesee Giant was one of the most affected by rust.

7. In 1899, all varieties were practically free from smut which is nearly always the case when no smut is sown with the wheat.

8. The Stewart's Champion and Dawson's Golden Chaff produced the plumpest and Imperial Amber and Early Red Clawson the most shrunken grain in this year's tests.

9. The Stewart's Champion and Dawson's Golden Chaff were the most popular varieties, and the Golden Drop was the least popular variety with the experimenters in 1899.

10. During the past seven years, the Dawson's Golden Chaff has been an exceedingly popular variety with the farmers who have been conducting the co-operative experiments throughout Ontario.

DISTRIBUTION OF SEED FOR TESTING PURPOSES.

The following two sets of winter wheat varieties will be sent free by mail in one-half pound lots of each variety, to farmers applying for them, who will carefully test the three kinds in the set which they choose, and will report the results after harvest next year. The seed will be sent out in the order in which the applications are received as long as the supply lasts.

Dawson's Golden Chaff, Early Genesee Giant, Early Red Clawson.

Set 2. Dawson's Golden Chaff, Diamond G.I., Gold Coin.

Each person wishing one of these sets should apply as early as possible, mentioning which set he desires; and the grain, with instructions for testing, and the blank form on which to report, will be furnished free of cost to his address, until the supply of grain for distribution is exhausted.

All communications should be addressed to C. A. ZAVITZ, Experimentalist, Agricultural College, Guelph, Aug. 17th, 1899.

Hopeville.

Some few nights of light frost here, but no damage done.

The weather has been hot and dry for some time past. Rain is wanted.

Mr. John McArthur is able to drive out occasionally.

Miss Mary Dezell is still confined to her room at her father's.

Mr. George Deans, our leading framer, has taken a wife in the person of Miss Sarah Dorren. They drove away to the south to get the knot tied and witnesses. A quiet wedding.

Mr. and Mrs. Wm. Barnett spent Sunday last with Glenelg friends.

We hear that Mr. D. C. McArdle, son of Mr. Joseph McArdle, has had an operation performed on him in the hospital in Toronto by having his back lanced or opened twice for a bealing, but is now out of danger.

OBITUARY.—On Saturday, Aug. 12th, 1899, at 10.35 p. m., after a lingering illness of several complicated serofulous diseases, THE HOPEVILLE FOOT BALL CLUB, quite young. An extended obituary notice will follow next week.

Ready-Made Clothing !!

NO TRASH AT ANY PRICE

From the Beginning We've

insisted that the best clothing was none too good for our trade. Buying as we buy in large quantities, taking quick advantage of special opportunities and saving all cash discounts enables us to sell first class goods below the market. That is largely the case now, new Clothing of every sort are coming to us at a big discount from regular prices and we hand the saving over to you without reserve. It will pay you to



Examine Our Clothing Before Buying Elsewhere!

Table listing clothing items and prices: 15 Men's Serge Suits going at \$2.75, 10 Men's Tweed Suits going at 4.50, etc.

Boys' Clothing Equally Cheap.

CASH AND ONE PRICE.

S. F. MORLOCK

CALDER'S BLOCK, DURHAM, ONT

W. S. DAVIDSON, Barrister, Notary, Conveyancer, Etc., Etc.....

Money to loan at reasonable rates and on terms to suit borrower.

OFFICE—McIntyre Block, (Over the Bank)

G. LEFROY MCCAUL, BARRISTER, SOLICITOR, NOTARY PUBLIC, CONVEYANCER, ETC. OFFICE—LOWER TOWN, DURHAM.

Collectors and Agency promptly attended to. Wills, Deeds, Mortgages, Leases, Agreements, etc. correctly prepared. Estates of deceased persons looked after, and Executors and Administrators' Accounts prepared and passed. Surrogate Court Business, Probate of Wills, Letters of Administration and Guardianship Obtained. Searches made in Registry Office and Titles reported on.

Company and private Funds to Loan on Mortgages at low rates of interest. Valuations made by a competent and careful Valuator.

All Charges Moderate

LUCAS, WRIGHT & BATSON, BARRISTERS, SOLICITORS, NOTARIES, CONVEYANCERS.

Money to Loan—Company and Private Funds. Low Rates. Easy Terms.

OFFICES—Owen Sound, Markdale and Durham. Note.—At Durham, Mondays 10 a. m. to 4 p. m. and Court Days. At Priceville, Mondays 6 p. m. to 8 p. m.

18 LUCAS W WRIGHT C A BATSON

A \$5 BILL!

Will now buy a Seven Jeweled Waltham or Elgin Watch in Nettle Screw Case. We have Seventeen Jeweled Walthams at prices never offered before.

These Prices will not last very long.

A. GORDON, LOWER TOWN, DURHAM, ONT.

MISS SHEWEL

Would intimate that she will continue the Furniture and Undertaking Business established by her father in Durham in 1855 and will endeavor to give all old and new customers the same entire satisfaction.

FULL LINE OF—

Furniture of the Best Make

ALWAYS ON HAND.

PICTURE FRAMING A SPECIALTY

Undertaking and Embalming on latest principles at reasonable rates.

MISS SHEWELL, Remember the stand-opposite the Market, Durham.

The only first-class Hearschman town

FALL FAIRS

South Grey, Durham, Sept. 26 to 27. North Grey, Owen Sound, Sept. 12 to 14. Industrial, Toronto, Aug. 28 to Sept. 9. Western, London, Sept. 7 to 16.

YOUNG PEOPLE

Should consider the advantage of a Course at the

NORTHERN Business College

OWEN SOUND, ONT.

as a preparation for the battle of life. The business Course at this Institution is complete in every detail and embraces all the subjects which will be of use to you in real life and is far in advance of any similar course in Canada. Also an unequalled Shorthand and Typewriting course. If interested write for Catalogue to

C. A. FLEMING, OWEN SOUND, ONT. PRINCIPAL

Spring and Summer Goods

We have been moving lately and have not had time to tell you about our stock. Listen now!

As Usual a Full Line of Massey-Harris Binders, Mowers, Disc Harrows, Rakes, Etc. You know what these Goods are—the best in the market. Buy no other!

BUGGIES AND WAGONS

Two carloads of Tudhope BUGGIES to select. We have very nice Buggies and Wagons. Prices of rigs are on the rise but our stock was bought early, and a good profit saved in freight alone. Prices from \$50.00 upwards.

WAGONS! a full carload to select from. See our Farm TRUCK. These are the Celebrated Adams' Wagons.

A Full Line of the Best Pianos, Organs and Sewing Machines.

Turnip Sowers, Scufflers, Ploughs, Harrows, Hay Forks, etc. all in stock. Attend to your Fire Insurance. We have the old established London Mutual Insurance Company, and other good Stock Companies.

LOTS OF MONEY to Loan at 5%. Issuer of MARRIAGE Licenses.

LOWER TOWN Implement Warehouses. WM CALDER

The Busy Farmer

Wants the best and wants it at once. To meet these two conditions he will examine and buy,

The Peter Hamilton Implements: Binders and Mowers, Horse Rakes, Seed Drills, Spring Tooth Cultivators, Gang Ploughs, Scufflers, Long Ploughs and Harrows.

HAVING NO TRAVELLERS the farmer gets the benefit of the saving of expenses. BUGGIES and CARRIAGES of every description at fine prices.

R. MacFARLANE, Sr.

Agent For several good Fire and Life Insurance Companies. Money to loan at lowest rates.

Vertical advertisements on the right edge of the page, including 'Pur Spic an Vine', 'Bad Spic', 'MacFARLANE', 'The C. P.', 'For further info', 'The B', 'New Good', 'Opaque W', 'Buggy Du', 'Boots & S', '10-in Gran', 'PURSE P', 'WOOL', 'TWEEDS', 'GROCER', 'S. S'.