

slight auroral arch and a few streamers. 13th, rainbow at 4 P.M. Hail, 16th and 29th. Wind storms, 1st, 2nd, 5th, 6th, 11th—15th, 18th, 19th, 20th, 25th, 27th. Fogs, 1st, 8th, 9th. Snow, 26th, 27th, 28th. Rain, 2nd, 9th, 11th, 13th, 14th, 23rd, 24th. The first frost was on 27th September—next 6th Oct.; then 13th and 14th; but on 27th had the unprecedented cold of 13° 1; apples, pears, &c., frozen on the trees and much damage done. Since 1841 there has not been, according to the *St. Catharines Journal*, so cold a snap at such an early date; snow fell to depth of 7 inches. The observer thinks this must be the storm of frost and snow expected to visit us between 1st and 5th November. In 1839, according to Mr. Hartney, of Drayton, there was a fall of snow on 27th September, equal to the one just past. The observer noticed (as an evidence that grass possesses warmth) that in places equally exposed to the sun, the grass was clear of snow sooner than the bare earth.

**PEMBROKE.**—Hail and first snow on 18th. Wind storms, 4th and 5th, 11th (squall), 23rd, 25th (squall with snow), 29th, 30th. Fogs, 1st, 7th, 8th. Rain, 2nd, 4th, 10th—15th, 17th, 22nd, 23rd. Snow, 18th, 26th, 28th, 29th.

**PETERBOROUGH.**—On 6th, auroral light in a high arch—a faint streamer. 13th, first decidedly formed ice. 18th, Hail, frost and snow. Fogs, 1st, 2nd, 6th, 8th, 9th, 11th, 16th. Rain, 4th, 14th, 15th, 22nd, 23rd. Snow, (18th), 19th, 20th, 26th, 27th, 28th, 29th. Nothing remarkable, except the unusual cold in the latter half of the month, when the ground was so frozen as to prevent the saving of the root crops—almost all the turnips and quantities of potatoes still out. Sky much more overcast this month than in the same month in ordinary years; though last October unusually cloudy, this month is still more so. Amount of cloudiness October, 1868, (monthly mean) 5.63. Amount of cloudiness, October, 1869, (monthly mean) 6.55. Number of overcasts, 1868, 28; 1869, 37.

**SIMCOE.**—On 11th, hail storm. 19th, first snow. 26th, 27th, 28th, six inches of snow fell. Wind storms, 13th, 14th, 19th, 21st. Rain, 4th, 11th, 14th, 15th; 16th, 23rd, 25th. Snow, 19th, 26th, 28th.

**STRATFORD.**—On 17th, hail. 18th, first snow. 26th, mill pond frozen; apples on trees destroyed by frost. 27th, sleighing in town. 30th, skating on pond. 14th, wind storm. Fogs, 1st, 3rd, 8th. Rain, 2nd, 9th, 11th, 14th, 15th, 17th, 22nd, 23rd. Snow, 18th, 19th, 23rd, 24th, 26th, 27th, 28th, 29th, 30th. Potatoes much injured by disease.

**WINDSOR.**—On 4th, meteor in E towards N; meteor in W towards H. 5th, meteor in W towards S. Lunar halo, 11th, 12th, 13th, 14th, 15th, 16th, 17th, 18th (large), 20th. Wind storms, 14th, 27th, 29th. Rain, 2nd, 4th, 9th, 14th, 22nd, 28th. Snow, 18th, 19th, 23rd, 25th, 26th, 27th, 29th.

## VI. Departmental Notices.

### FOUR KINDS OF LIBRARIES WHICH MAY BE ESTABLISHED UNDER THE DEPARTMENTAL REGULATIONS.

"The Public School Libraries are becoming the crown and glory of the Institution of the Province."—LORD ELGIN.  
"Had I the power I would scatter Libraries over the whole land, as the sower sows his seed."—HORACE MANN.

Under the regulations of the Department, each County Council can establish *four classes* of libraries in their Municipality, as follows. City, Town, Village, and Township Councils can establish the first three classes, and School Trustees either of the first and third classes.

1. An ordinary *Common School Library* in each school-house for the use of the children and ratepayers.

2. A *General Public Lending Library*, available to all the ratepayers of the Municipality.

3. A *Professional Library* of books on teaching, school organization, language and kindred subjects, available to teachers alone.

4. A Library in any *Public Institution*, under the control of the Municipality, for the use of the inmates, or in the *County Jail*, for the use of the prisoners.

It cannot be too strongly urged upon School Trustees, the importance and even the necessity of providing, (especially during the autumn and winter months,) suitable reading books for the pupils in their school, either as prizes or in libraries. Having given the pupils a taste for reading and general knowledge, they should provide some agreeable and practical means of gratifying it.

### TRUSTEES' BLANK FORMS.

The usual supply of blank forms of Trustees' yearly and half-yearly returns, has been sent out to the County Clerks for distribution to the schools, through the Local Superintendents

### PROFESSIONAL BOOKS SUPPLIED TO LOCAL SUPERINTENDENTS AND TEACHERS.

Text-books must be paid for at the full catalogue price. Colleges and Private schools will be supplied with any of the articles mentioned in the catalogue at the prices stated. Local Superintendents and Teachers will also be supplied, on the same terms, with such educational works as relate to the duties of their profession.

### SUNDAY SCHOOL BOOKS, MAPS AND APPARATUS.

Books, Maps, and other Requisites suitable for Sunday Schools, or for Library or other similar Associations, can, on receipt of the necessary amount, be supplied from the Depository at the net prices, that is about twenty-five or thirty per cent. less than the usual current retail prices.

### TRUSTEES' SCHOOL MANUAL.

In reply to numerous applications for the Trustees' School Manual, we desire to intimate that a new edition of the School Acts is now ready. Single copies, 35 cents, including postage. New School Sections will be supplied gratuitously.

### TABLET READING LESSONS.

The new Tablet Reading Lessons, consisting of thirty-three large sheets, can be obtained at the Depository at 75 cts. per set; at \$1.00, free of postage; or \$4.50, mounted on cardboard. The 100 per cent. is allowed on these lessons when ordered with maps and apparatus, &c.

### NO PENSIONS TO COMMON SCHOOL TEACHERS UNLESS THEY SUBSCRIBE TO THE FUND.

Public notice is hereby given to all Teachers of Common Schools, or Teachers of the English branches in Grammar Schools, who are legally qualified Common School Teachers in Upper Canada, who may wish to avail themselves at any future time of the advantages of the Superannuated Common School Teacher's Fund, that it will be necessary for them to transmit to the Chief Superintendent, if they have not already done so, their subscriptions, at the rate of \$5 per annum for each preceding year, commencing with 1854, and at the rate of \$4 per annum for the current year's subscription. The law authorizing the establishment of this fund provides, "*That no teacher shall be entitled to share in the said fund who shall not contribute to such fund at least at the rate of one pound per annum.*" No pension will be granted to any teacher who has not subscribed to the fund, in accordance to the preceding regulations of the Council of Public Instruction.

### PRE-PAYMENT OF POSTAGE ON BOOKS.

According to the Postage Law, the postage on all books, printed circulars, &c., sent through the post, *must be pre-paid by the sender*, at the rate of one cent per ounce. Local Superintendents and Teachers ordering books from the Educational Depository, will therefore please send such an additional sum for the payment of this postage, at the rate specified, and the Customs duty on copyright books, as may be necessary.

SHORT ADVERTISEMENTS inserted in the *Journal of Education* for 20 cents per line, which may be remitted in postage stamps or otherwise.

TERMS: For a single copy of the *Journal of Education*, \$1 per annum. Back vols., neatly stitched, supplied on the same terms. All subscriptions to commence with the January Number, and payment in advance must in all cases accompany the order. Single numbers, 10 cents each.

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