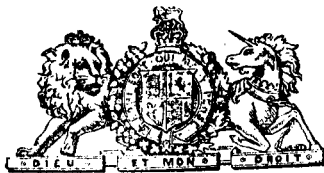


JOURNAL
OF
EDUCATION

BEING THE SEMI-ANNUAL SUPPLEMENT TO THE REPORT OF
THE SUPERINTENDENT OF EDUCATION FOR

NOVA SCOTIA

OCTOBER, 1913.



Published by Order of the Legislature of Nova Scotia.

HALIFAX, N. S.:
COMMISSIONER PUBLIC WORKS AND MINES
KING'S PRINTER.
1913.

PRINTED BY WM. MACNAB AND SON, 7-9-11 BEDFORD ROW, HALIFAX, N. S.

JOURNAL OF EDUCATION.



THIRD SERIES, Vol. VII.....No. 6—(Total No. 144.)

SECOND SERIES: October, 1878, to August, 1892; XII Vols.,
29 Nos.

FIRST SERIES: September, 1866, to August, 1877; 73 Nos.

HALIFAX, NOVA SCOTIA, OCTOBER, 1913.

OFFICIAL.

I.—The *JOURNAL OF EDUCATION* shall be published semi-annually, in the months of April and October respectively, and shall continue to be the medium of Official Notices in connection with the Department of Education.

II.—The *JOURNAL*, which is the Semi-annual Supplement of the Education Report, will be furnished gratuitously, according to law, to each Inspector, Chairman of Commissioners and Board of Trustees; and will be supplied to other parties wishing it at the rate of ten cents a copy.

III.—Each Secretary of Trustees is instructed and required to file and preserve the successive numbers of the *JOURNAL* for the benefit of his fellow Trustees and the Teacher or Teachers of his section, and their successors, and to inform his associates in office, and the Teacher or Teachers, of its receipt, so soon thereafter as may be convenient.

COUNCIL OF PUBLIC INSTRUCTION.

Hon. G. H. Murray, K. C., LL. D., *Premier and Provincial Secretary.*
Hon. E. H. Armstrong, K. C., M. P. P., *Commissioner of Public Works
and Mines.*
Hon. O. T. Daniels, K. C., M. P. P., *Attorney-General.*
Hon. Jason M. Mack, K. C., M. L. C.
Hon. James Macdonald, M. P. P.
Hon. G. E. Faulkner, M. P. P.
Hon. R. M. MacGregor, M. P. P.
Hon. J. W. Comeau, M. P. P.

EDUCATION OFFICE.

A. H. MacKay, B. A., B. Sc., LL. D., F. R. S. C., *Superintendent of Education
and Secretary of Council of Public Instruction.*
Geo. W. T. Irving, *Chief Clerk.*
Miss Lily A. Wier, *Stenographer.*

INSPECTORIAL DIVISIONS, WITH NAMES AND ADDRESSES OF INSPECTORS.

- Division No. 1, the City and County of Halifax—Graham Creighton, B. A., Halifax.
Division No. 2, the Counties of Lunenburg and Queens—H. H. MacIntosh, Lunenburg.
Division No. 3, the Counties of Shelburne and Yarmouth—C. Stanley Bruce, Shelburne.
Division No. 4, the Counties of Digby and Annapolis—Leander S. Morse, A. M., Digby.
Division No. 5, the Counties of Kings and Hants—Ernest W. Robinson, B. A., Canning.
Division No. 6, the Counties of Antigonish and Guysboro—A. G. Macdonald, A. M., Antigonish.
Division No. 7, the County of Richmond and the District of South Inverness—M. J. T. Macneil, B. A., River Bourgeois.
Division No. 8, the County of Victoria and the District of North Inverness—James MacKinnon, Whycomagh.
Division No. 9, the County of Pictou—E. L. Armstrong, Pictou.
Division No. 10, the County of Cumberland—Inglis C. Craig, A. M., Amherst.
Division No. 11, the County of Cape Breton—T. M. Phelan, A. M., LL. B., North Sydney.
Division No. 12, the County of Colchester—W. R. Campbell, M. A., Truro.
-
- L. A. d'Entremont, West Pubnico, *Special Visitor of Acadian Schools.*

ADVISORY BOARD OF EDUCATION.

William Cameron, B. A., Pictou, *Chairman*.
Howard Murray, LL. D., Halifax.
A. G. Macdonald, M. A., Antigonish.
W. F. Kempton, B. A., Yarmouth.
E. J. Lay, Esq., Amherst.
Burgess McKittrick, B. A., Lunenburg, *Secretary*.

PROVINCIAL EXAMINERS.

David Allison, LL. D., *Greek and Latin*.
Archibald MacMechan, Ph. D., *Anglo-Saxon*.
Rev. C. E. Willets, D. C. L., *Higher English*.
J. B. Curry, *English of Grade I X*.
H. L. Bober, D. C. L., *French and German*.
Rev. Wm. Foley, D. D., *History*.
J. B. Calkin, LL. D., *Geography*.
John Waddell, D. Sc., *The Sciences*.
A. G. Macdonald, M. A., *The Practical Mathematics*.
F. R. Haley, M. A., *Algebra*.
I. B. Oakes, M. A., *Geometry*.
Alexander McKay, M. A., *Drawing and M. P. Q.*
J. B. Hall, Ph. D., *M. P. Q. subjects*.

NOVA SCOTIA NORMAL COLLEGE, TRURO.

Regular Staff.

David Soloan, B. A., LL. D., *Principal, Principles of Pedagogy, Language, History*.
John B. Calkin, A. M., LL. D., *Emeritus Professor of Psychology and Pedagogy*.
Miss Ottie A. Smith, *Drawing and Calisthenics*.
J. Alphonse Benoit, B. A., *Method in Mathematics and Physics, French*.
Edward W. Connolly, B. A., *Hygiene, Physiology, Commercial Branches*.
Leslie C. Harlow, B. Sc., B. S. A., *Method in Nature Study, Biology, Chemistry, Mineralogy*.
Mrs. Edna C. Harper, M. A., *Elocution, English Literature, Music*.
Loran A. DeWolfe, B. Sc., M. Sc., *Physiography, Plant Study, Mathematical Drawing*.
C L Moore, M. A., F. R. S. C., *Dean of the Rural Science Training School*.

Affiliated Staff of Normal College.

F. G. Matthews, *Principal, Truro Mechanic Science School*.
A. H. Trevoy, *Truro Mechanic Science School*.
Miss Miriam Cox, *Principal, Truro School of Domestic Science*.
Miss Marie Hamon, *Truro School of Domestic Science*.
Miss Flora E. Chambers, *Principal, Truro Kindergarten*.
Miss Myrta Lodge, *Truro, Kindergarten*.
D. G. Davis, M. A., *Director of Teaching-practise in Truro Schools*.
M. Cumming, B. A., B. S. A., *Principal, College of Agriculture, and staff*.

NOVA SCOTIA COLLEGE OF AGRICULTURE, TRURO.

THE STAFF.

- M. Cumming, B. A., B. S. A.,** *Principal and Lecturer in Animal Husbandry, Agriculture and Bacteriology.*
- H. W. Smith, B. Sc.,** *Professor of Botany.*
- P. J. Shaw, B. A.,** *Professor of Horticulture and Nature Study and Lecturer in Political Economy.*
- J. M. Trueman, B. S. A.,** *Professor of Agriculture and Animal Husbandry and Farm Superintendent.*
- W. H. Britain, B. S. A.,** *Professor of Zoology and Entomology.*
- J. Standish, V. S.,** *Professor of Veterinary Science.*
- J. P. Landry,** *Manager and Lecturer in Poultry Department.*
- B. H. Landells, B. S. A.,** *Experimentalist and Lecturer in Drainage and Surveying.*
- L. C. Harlow, B. A., B. S. A.,** *(Member of Normal College Staff), Lecturer in Chemistry.*
- J. E. Barteaux, M. A.,** *(Member Technical Education Staff) Lecturer, in Physics.*
- E. W. Connolly, B. A.,** *(Member of Normal College Staff), Lecturer in Mathematics.*
- W. R. Campbell, M. A.,** *(Inspector of Schools), Lecturer in English.*
- F. G. Matthews,** *(Principal Truro Manual Training School), Lecturer in Mechanical Drawing.*
- W. A. McKay,** *(Dairy Superintendent, Province of Nova Scotia) Lecturer in Dairying.*
- C. W. McDougall,** *(Dairy Superintendent, Province of New Brunswick) Lecturer in Dairying.*
- Miss M. M. Caldwell,** *Secretary and Stenographer.*
- C. R. B. Bryan,** *Accountant.*

Associates.

Members of the Provincial Normal College Staff and Principal of Truro Manual Training School.

F. L. Fuller, *Superintendent of Agricultural Societies and Associations.*

RURAL SCIENCE TRAINING SCHOOL, TRURO.

- M. Cumming, B. A., B. S. A.,** *Local Director.*
- Loran A. DeWolfe, M. Sc.,** *Vice-Director.*
- C. L. Moore, M. A., F. R. S. C.,** *Dean.*

(Staff: Professors of Normal and Agricultural Colleges, and special instructors.)

TECHNICAL EDUCATION.

Frederic H. Sexton, S. B., Director.

J. E. Barteaux, M. A., *Inspector of Evening Technical Schools.*

NOVA SCOTIA TECHNICAL COLLEGE, HALIFAX.

F. H. Sexton, S. B., *Principal.*

W. S. Ayars, M. E., *Prof. of Electrical and Mechanical Engineering.*

J. W. Roland, S. B., *Prof. of Civil Engineering.*

S. N. Graham, S. B., *Prof. of Mining and Metallurgy.*

C. A. Hodge, S. B., *Instructor in Mechanical and Electrical Engineering.*

G. F. Murphy, B. E., *Instructor in Mining and Metallurgy.*

G. R. Haight, S. B., *Instructor in Civil Engineering.*

H. Piers, *Librarian and Curator of Museum.*

Miss L. B. Taylor, *Secretary.*

Miss E. H. Nauss, *Stenographer.*

PROVINCIAL HIGH SCHOOLS.

EXAMINATION QUESTIONS, JUNE, 1913.

County Academy Entrance - - - - - (Grade VIII.)

(See *Comments and Regulations of Council of Public Instruction 67-7 5, pages 130-132, Manual of 1911.*)

ENGLISH LANGUAGE—VIII.

9.00 to 11.00 a. m., Tuesday, 24th June, 1913.

1. Tell briefly what you know about any three of the following:—*Rebecca, Antonio, Brian de Bois Guilbert, Earl of Kent, Orlando.*
2. Write, from memory, ten lines of poetry from the year's reading, with special attention to punctuation, good form, etc.
3. Tell, in your own words, the story of Horatius; *or*, describe the "Trial by Combat."
4. Correct the following sentences, and give reasons for your corrections: (1) The former is the best of the two selections. (2) He told you and I to go. (3) The crowd are guided by him. (4) It is to warm to go to-day. (5) Who did you speak to? (6) Did Harry learn you to do that? (7) I seen you coming through the field. (8) There brother is a year older than me.
5. Define: Pronoun, Predicate, Adjective, Adverb, Transitive verb. Give principal parts of bite, go, lay, dig, drink, dream.
6. (a) Write the possessive, singular and plural of man, lady, thief, hero, son-in-law; also, the possessive of Harris and Jones, Attorney-General, Burns, St. James, Phoebus. (b) Compare the following adjectives:—sad, sour, tall, dangerous, bad, little, much, good, beautiful, studious.
- 7 and 8. Analyse:—

Four hundred trumpets *sounded*
A peal of warlike glee,
 As that great host, with measured tread,
 And spears *advanced*, and ensigns spread,
 Rolled *slowly* toward the bridge's head,
Where stood the dauntless three.
9. Parse the italicized words in question 7 and 8.
10. (Dictation Exercise).

DRAWING AND ACCOUNTS.—VIII.

2.00 to 3.30 p. m., Tuesday, 24th June, 1913.

1. The four sides AB, BC, CD and DA, of a field are respectively 297, 321, 386 and 405 yards, and the diagonal AC, is 400 yards; find the other diagonal and the area of the field.

2. A and B on one side of a river are 2468 yards apart. From a point C on the opposite side of the river, perpendicular to AB at A, the angle A C B is measured and found to be 65° . How broad is the river from C to A, and also from C to B?

3. Draw freehand a barrel or cask, (a) lying on the ground so as to show its side and end, and (b) on end so as to show the top.

4. Draw freehand, (a) the approach to a half open gate, or (b) a tree (kind named) with some living object in outline near its trunk, or (c) a spring flower, or (d) the apparatus used in some school experiment.

5. Draw a carpet or wall paper pattern or border.

6. What is the use of knowing a system of keeping accounts to (a) a farmer, or (b) a merchant, or (c) a miner, a fisherman or teacher? Only *one* occupation to be taken, but the candidate should show that he knows as much as possible of what should be accounted for in the employment, and the kind of books desirable.

7. Write out as beautifully as you can (a) a receipt for \$15.65, and (b) a draft or bill of exchange.

Technical Drawing Questions which may be substituted for 3, 4 and 5 of the preceding questions.

A. Draw three views of a blank hexagon nut, greatest diameter 2" and $\frac{1}{4}$ " hole.

B. Draw, half size, two views of an eye-bolt of the following dimensions:—total length 8", eye $3\frac{1}{2}$ " outside diameter, and 1" thick, hole $1\frac{1}{4}$ " diameter, bolt $\frac{3}{4}$ " diameter, threaded $1\frac{1}{4}$ ". No nut.

GEOGRAPHY AND HISTORY.—VIII.

3.30 to 5.00 p. m., Tuesday, 24th June, 1913.

(Only *three* questions in Geography and *three* in History to be attempted.)

1. Write a note on Australia—its political divisions, chief cities, products, industries and inhabitants.

2. Name the chief rivers of Africa and the waters into which they empty, also the principal islands around the coast.

3. Describe any one of the following: China, Turkey in Asia, Egypt or South Africa.

4. Draw a map of the Bay of Fundy, locating the Counties of Nova Scotia and New Brunswick bordering upon it.

5. Tell what you know about Dew, Cyclones, Ocean Currents, Volcanoes, Earthquakes, Lakes, Tides.

6. Write a note on the voyages of Jacques Cartier.

7. Name and describe the Indian Tribes at the time of Champlain's rule in Canada.

8. Tell briefly what you know about any two of the following:
Treaty of Utrecht, Great Fire at Miramichi, Hudson Bay Company
9. What do you know about the "Boston Tea Party?"
10. Write an account of the "Rebellion in the North West in 1885."
11. Give the dates of the following:
Free Schools established in Nova Scotia;
Conspiracy of Pontiac;
Dominion of Canada proclaimed;
Accession of King George the Fifth;
Sir John Thompson's term as Premier of Canada.

MATHEMATICS.—VIII.

9 to 11 a. m., Wednesday, 25th June, 1913.

1. Multiply 1234567 by 89012 and divide the product by 987654321. (Answer of *no* value if not *exactly* correct.)
2. Find the value of $7\frac{1}{2} \times (9\frac{1}{2} - 5\frac{1}{14}) - 2\frac{1}{7} \times 9\frac{1}{2} - 5\frac{1}{14}$.
3. Find the value of $39.216 \times .428 \div .0642$. (Answer of *no* value if not *exactly* correct.)
4. Taking a meter to be equal to 39.37 inches, how many miles are there in 10 kilometers?
5. A bookseller imports books invoiced at \$12, and pays a duty of 25%. If he sells the books for \$18, what will be his gain per cent?
6. What is the simple interest of \$342.50 from June 3rd, 1912, to December 24th, 1914, at 6%?
7. Find the amount of, and the interest on, \$1500 for 1½ years at 4% per annum, the interest to be compounded semi-annually.
8. What is the value of \$200, Canadian, at par, in (1) Sterling currency, (2) United States money, (3) French money, and (4) German money? Explain, as fully as you can, how you might pay a bill of £4. 10s. 6d. owing A. B. Rasman, London, England.
9. (a) A flag pole 48ft. high, casts a shadow 64 ft. long. How far is it, in a straight line, from the top of the pole to the end of the shadow? (b) How long is the radius of a circle enclosing one acre?
10. (a) Divide $(a^3 - b^3)$ by $(a - b)$. (b) If twice a certain number with 6, equals four times the number less four, what is the number? Form the equation and find the number desired.

GENERAL KNOWLEDGE.—VIII.

2.00 to 3.30 p. m., Wednesday, 25th June, 1913.

(Ten questions only.)

(A certificate for a full course in *Mechanic or Domestic science for a year*, may count as three questions; but 30 points can be given only for the highest possible excellence in the course, 15 being the value of a merely passable course. In other words, the certificate of any such course shall be valued from 0 to 30, according to the evident excellence of the candidate's training. Candidates receiving values for such certificate, can receive no value for the answering of questions below on the subject of such certificate. If they answer more than *seven* questions below, they should get credit for the *seven* highest values. Questions 7 to 10 must be answered by all.)

1. Indicate with drawings any work which you learned to do with tools; *or*, household work, such as sewing, cooking, etc. Describe the circumstances, whether at home or in school, under which you learned to do such work; *or*, present a certificate of a full course as indicated in the paragraph above.

2. Name and describe briefly the most conspicuous spring plants blooming (1) April, (2) May, (3) June.

3. Give a description and life history of any two of the following:—(a) potato beetle, (b) cabbage butterfly, (c) the tussock moth, (d) the English sparrow, (e) the white throated sparrow, (f) the robin, (g) the skunk, (h) the red squirrel

4. What do you know about the more important minerals of Nova Scotia?

5. What are rain and water doing to change the surface of the earth so far as you have noticed? What are some of the changes that must have been made by them in your opinion?

6. Mention all the effects of frost which you have observed.

7. What do you know about (a) the cause of consumption, (b) the best way of preventing it, and (c) the best way of curing it?

8. (a) What kinds of physical training do you like? (b) What kinds do you not like?

9. Why do so many people use tobacco if it is injurious?

10. What other dangerous habits are formed by some people, and why, do you think?

(**Technical Course Subjects** which can be substituted for any questions from 2 to 6 above.)

A. Name the chief dangers of mining against which we must provide.

B. Whence come the dangerous gases, and how do people protect themselves from them?

C. What experiments on gases have you seen?

D. What do you know about the law of falling bodies, *or*, the structure of a pump, *or*, the hoisting of heavy weights?

E. What is the origin of coal? *Or*, How is ventilation secured in the mine?

PROVINCIAL HIGH SCHOOL EXAMINATIONS.

GRADE IX.

ENGLISH.—IX.

9 to 11 a. m., Tuesday, 24th June, 1913.

1. Give an account of the escape of Rob Roy.
2. Tell in your own words the combat between Sohrab and Rustum, briefly describing the events which led up to it.
3. Write from memory ten lines of Poetry from the year's reading.
4. Write brief character sketches of the Village Preacher and the Village Schoolmaster in "The Deserted Village," and of the Village Schoolmaster in "Snow-Bound."
5. Define complex sentence.

Write a note on the adverbial clause, naming the different kinds and illustrating each by an example.

6. What do you understand by a loose sentence, a periodic sentence, a balanced sentence? Give an example of each.

- 7 and 8. Analyse the following extract, and parse the words in italics:

As night drew on, and, from the crest
Of wooded knolls *that* ridged the west,
The sun, a snow-blown *traveller*, sank
From sight beneath the *smothering* bank,
We filled with care *our* nightly stack
Of wood against the chimney back.

FRENCH IX.

3 to 5 p. m., Tuesday, 24th June, 1913.

1. Translate:—Un marchand ayant vendu à une impératrice romaine de fausses pierreries, elle se plaignait à son mari, demandant que le coupable fût puni d'une manière éclatante. D'abord, l'empereur qui était célèbre pour sa clémence essaya de calmer la colère de son épouse, mais à la fin il condamna le j'oailler à être exposé dans l'arène. L'impératrice s'y rendit pour jouir de sa vengeance.
2.
 - (a) Write the masc. sing. of *fausses, épouse*.
 - (b) Write the principal parts of *essaya*. (The present and preterite in full)
 - (c) Write in full the possessive adjectives.

- (d) Translate:—Who had sold you these pretty precious stones? Would you have condemned those men?
- (e) Write only in the second person plural but in all the simple and compound tenses of the Indicative: vous vendez.
3. Translate:—Je crois que vous serez bien aise d'entendre le récit des merveilleux faits d'un Grec qui vivait, il y a plus de deux mille ans. Cet homme extraordinaire s'appelait Milon et il était célèbre par sa force prodigieuse. Un jour il prit sur ses épaules un boeuf énorme et l'emporta ainsi à une grande distance.
4. Translate:—(a) I was very glad to hear that. I would have been very glad.
(b) London has more *than* five million inhabitants.
(c) That man is famous *for* his strength.
5. Translate:—Je crois que presque tous les petits garçons aiment à avoir une bête favorite. Les uns choisissent une souris blanche, les autres un lapin et même j'en connais un qui préfère à tout un petit serpent. Un de mes jeunes amis a choisi une tortue. Elle est très petite et très gentille.
6. Translate:—(a) He used to have pet animals, have you any?
(b) Have you any sugar? No I have no sugar.
(c) A handsome man, an old man, an old woman.
(d) What a fine day!
7. Translate:—(a) Are you warm? No, Sir, we are cold and hungry.
(b) Do you need this book?
(c) She is at home, she has a headache.
(d) Has that girl any paper?
(e) When will you go to the United States?
8. Translate:—(a) What o'clock was it? It was half-past eleven.
(b) What is the first day of the week? Sunday.
(c) Write 6 verbs to be conjugated with "être."
(d) Write the present Indicative of any verb in *eter*.

DRAWING.—IX.

9 to 11 a. m., Wednesday, 25th June, 1913.

1. O is a point within the triangle A B C, AO = 16 in., BO = 20 in., CO = 24 in., the angle B O C = 130° , and the angle B O A = angle C O A. Find the area of the triangle A B C by construction.
2. A field is bounded by four equal sides, each 40 rods long. The shorter diagonal is 40 rods. How many acres does the field contain?
3. A man in a boat observes the angle of elevation of a cliff to be 40° , and that of a tower 50 feet high standing on a cliff to be 50° . How high is the cliff, and how far from its base is the boat?

4. Plot the points (6, 3) and (— 3, — 9) and find their distance apart.
5. Make a working drawing of a triangular prism.
6. Show by simple outline drawings how an apple tree, a spruce tree, and a poplar tree differ in general appearance.
7. Make an outline sketch of a cat, a rabbit, and a very small dog.
8. Draw an ornamental design for a book cover.

GEOGRAPHY.—IX.

3.00 to 5.00 p. m., Wednesday, 25th June, 1913.

1. Write a note on the St. Lawrence River System, including the St. Lawrence River, the Great Lakes, tributaries, connecting rivers, and canals by which navigation is made continuous thruout. In addition to such other matter as you may deem important, state the point to which ocean steamers ascend the river; the chief obstacles to navigation above this point and how these obstacles are overcome; how far into the continent the water route extends; and the chief ports on Lake Superior, on Lake Huron, and Lake Erie.
2. Name, in order, the three prairie provinces of Canada, beginning with the one farthest east. Also state the following:—(a) Between what parallels of latitude these three provinces are included; (b) What river system (naming it after its chief river) extends across these provinces; (c) the principal lake in the system; (d) the principal tributaries; (e) the name given to the river in the lower part of its course; (f) the name of the water into which it flows.
3. What, where, and for what distinguished is each of the following:—Banff, Bell Island, Harper's Ferry, Sable Island, Minneapolis, Buenos Ayres, Gibraltar, The Hague, Kimberley, Khartum, Shat-el-Arab, Pitcairn?
4. Describe each of the following ocean currents:—the Gulf Stream, the Arctic Current, the Japan Current. Name countries to which each current flows and state how the climate, as respects temperature or humidity, is thereby affected.
5. Name the leading self-governing colonies of the British Empire and their respective capitals. State also the rights which the Imperial Government reserves to itself, and in what respect these colonies enjoy freedom from outside control.
6. (a) Suppose a person to travel from Yarmouth to Sydney, going by rail along the Atlantic coast to Halifax, and thence, via Truro, to Sydney by and returning as far as Truro by same route, thence via Midland Railway and Annapolis Valley route to Yarmouth; What counties and towns would he pass thru, and about how many miles would he travel?
(b) How do the northern and southern hemispheres differ in regard to the length of their seasons as measured by the time between the equinoxes? Explain how this comes about.
7. Draw a map of the countries in South-Eastern Europe, including Rumania, Bulgaria, Servia, Montenegro, Greece, and Turkey, showing the relative positions of these countries before the late war, the coast waters on the east, south and west, and the bordering countries on the north and also the position of Constantinople, Adrianople, Saloniki, Gallipoli and Rodosto.
8. (a) Name the four largest rivers in each of the five continents:—(a) North America, (b) South America, (c) Europe, (d) Asia, (e) Africa.
(b) Show how different countries are mutually dependent on each other for their well-being; and how good roads and facilities for travel and trade make for material prosperity and higher civilization.

ALGEBRA.—IX.

9 to 11 a. m., Thursday, 26th June, 1913.

1. Find the value of $6x^3 - 11x^2 + 3x$, when $x = \frac{1}{2}$, and when $x = \frac{3}{2}$. Find also its value in the form of a decimal when $x = \frac{1}{10}$.

2. Divide $36x^2 + \frac{a^2}{9} + \frac{1}{4} - 4ax - 6x + \frac{a}{3}$ by $6x - \frac{a}{3} - \frac{1}{2}$

3. If $20(2-x) + 3(x-7) - 2 \left[x + 9 - 3 \left\{ 9 - 4(2-x) \right\} \right] = 22$.
find the value of x .

4. Solve the equation $\frac{2(x-1)}{5} + \frac{15}{2} \left(1 - \frac{x}{3} \right) + \frac{19}{10} = \frac{9}{5} \left(\frac{x}{6} - \frac{1}{3} \right)$.

5. The depth of a pond at one end is twice as great as at the other. Eighteen inches of water (in depth) are drained off, and the deep end is then three times as deep as the shallow end. What were the original depths?

6. Solve: $\frac{(x-1)(y+2)}{2x-1} = \frac{(x-3)(y-1)}{3(y-2)} + 8$
 $\frac{3}{5} - \frac{4}{4} = 1$.

7. A traveller walks a certain distance. Had he gone half a mile an hour faster, he would have walked it in four-fifths of the time; had he gone half a mile an hour slower, he would have been $2\frac{1}{4}$ hours longer on the road. Find the distance.

8. (a) Give a rule for writing down at once the *square* of an expression containing four or more terms. (b) Find by inspection the *square root* of each of the following expressions:

$$\begin{aligned} & a^2 + b^2 + c^2 + 4ab - 4ac - 2bc. \\ & 25x^2 - 30xy + 9y^2. \\ & \frac{9x^2}{25} - 2 + \frac{25}{9x^2} \end{aligned}$$

SCIENCE.—IX.

3 to 5 p. m., Thursday, 26th June, 1913.

(N. B. Give descriptions in your own words, not as tho you had learned them by rote from a text book, which you might do without having any real knowledge of the subject. Any descriptions of plants or of experiments in physics should be given in a manner suitable to your grade, not merely in a way such as might be passable in a lower grade. Good drawings obtain extra marks but do not take the place of verbal descriptions. Each question is intended to test the candidate's knowledge; hence, the same description should not be given in answer to two questions, as credit will be given for it only once. Mark the number of the question distinctly at the beginning (not half-way down), and keep each part of the question quite distinct. For instance, in the first question write so that the examiner will have no difficulty in seeing at a glance when you pass from one flower to another, otherwise some parts of your answers may escape notice.)

1. Describe the flowers of three plants in such a way as will show that you understand the important characteristics of the different parts. (For example, it is not very important that the strawberry has five petals, but there is a very important characteristic of the petals which should be given if the flower were being described).

2. Describe the minute structure of the stem, *or* describe how wounds heal in a tree, and why it is important that they should heal; *or* show the difference between a root and a stem.
3. Describe the different parts of the seed and as far as you can the use of each part.
4. Describe the digestion and distribution of food in the plant; *or* tell what you can about buds.
5. Write a fifteen-minute essay on any botanical subject not already discussed. (Do not give a description of an ordinary flowering plant, but something of a more general nature. This question is intended for the benefit of those whose teachers have tried to arouse interest in some part of the subject which is not covered by the other questions).
6. What are the chief differences between solids, liquids, and gases?
7. Give an experiment to prove that when a body is weighed in water it loses a weight equal to that of its own bulk of water.
8. Give an experiment in heat *or* light *or* sound *or* electricity in such a way as to show that you understand what the experiment is intended to prove and how well it proves it.

LATIN.—IX.

9 to 11 a. m., Friday, 27th June, 1913.

1. Decline together in both numbers:—*brevius iter* and *idem dies*.
Compare *gracilis, superus, malus, senex, vetus*.
2. Write the ablative singular and plural of the following nouns and pronouns:
filia, animal, ignis, pes, ego, tu.
Write brief sentences or expressions illustrating: (1) The dative of the possessor, (2) The *partitive genitive*, (3) Case of name of town denoting place *whither*.
3. Give the principal parts of *augeo, maneo, mones, rideo, video, gero, mitto*.
Conjugate the present subjunctive active of *amo* and *rego*; also the present subjunctive of *sum*.
4. Write in two ways the Latin for: This way is shorter than that.
5. Distinguish between the uses of *ipse* (self) and *se* (self).
6. Translate into English:—(1) *Ignis fuit in illa arce.* (2) *Caput ducis militum vulneratum est.* (3) *Corinthe clarum videbamus templum.* (4) *Volsci, Romanorum hostes audaces, urbi Romae ingentem terrorem praebebant.*
7. Translate into Latin:—(1) He will fill the city with food. (2) Cornelia had two sons. (3) The good farmer has a large garden. (4) With whom did the Gauls carry on war?
8. Translate into English:—(1) *Trium fratrum Marcus natu maximus est.* (2) *Optimi oratores interdum sunt pessimi cives.* (3) *Sex dies in urbe manserunt.* (4) *Brutus, vir summi consilii, ultimus Romanorum appellatus est.*
9. Translate into Latin:—(1) All the soldiers whom we saw were Gauls. (2) The soldiers were led by a good general. (3) We shall remain a part of the summer. (4) It is easier to love friends than enemies.

ARITHMETIC.—IX.

3 to 5 p. m., Friday, 27th June, 1913.

1. Find the value of $(36 \times 217 \times 528 \times 75) \div (84 \times 396 \times 155 \times 27)$.
2. Simplify $1\frac{4}{7}$ of $(\frac{1}{18} + \frac{1}{5}) + \frac{3}{104} \div 2\frac{3}{16}$
 $3 - \frac{5}{6}$
3. Reduce £350, 5s. 7d. to dollars and cents, the dollar being taken an equivalent to 4s. 2d.
4. Two places are $48^{\circ} 24' 36''$ longitude, apart; What is the difference in their true time?
5. A druggist buys goods at \$5.00 per pound Av., and sells at \$5.00 per pound, Troy; What is the gain per cent?
6. In what time will \$640.80 amount to \$760.90, at 6% simple interest?
7. If $16\frac{1}{2}\%$ is gained by selling a sewing-machine for \$42, for what should it be sold to gain $33\frac{1}{2}\%$?
8. On a demand note of \$950, made Jan. 25th, 1912, bearing interest at 7% per annum, the following payments were made;—March 2nd, 1912, \$225; May 5th, 1912, \$174.19; June 29th, 1912, \$187.50; What was due on Jan. 1st, 1913?

GRADE X.

ENGLISH.—X.

9 to 11 a. m., Tuesday, 24th June, 1913.

1. Give an account of the funeral of Gordon.
2. Describe the combat between Sohrab and Rustum, and recount the subsequent occurrences narrated in the poem.
3. Mention what you consider the chief points of excellence in Goldsmith's "The Deserted Village." Illustrate your remarks by quotations.
4. Describe the simple every-day country life in midwinter, as portrayed in Whittier's "Snow-Bound."
5. Define, and give examples of:—Relative, Interrogative, Demonstrative, Indefinite Pronouns.
6. What do you mean by "Extension of the Predicate?" How many kinds of extension are there? Name them and give an example of each.
7. What are the three *essential* qualities of "Style" in writing? Explain what is meant by each.
8. Describe any one of the more prominent incidents in "Tom Brown's School Days."

Note.—In valuing the answers to question "eight", special attention will be paid to quality of composition.

GREEK—

11 a. m. to 1 p. m., Tuesday, 24th June, 1913.

1. Decline throughout, στρατιώτης, ὄρνις, γέρον, πᾶς (in all genders), οὔτος (in all genders).
2. Distinguish in meaning between ἐκείνος and ὅδε and between οὔτος and ὅδε. Explain and illustrate the various meanings of αὐτός.
3. What is the meaning of the verbal prefixes called Augment and Reduplication, that is, of what is each respectively the mark or sign? Give a concise account of the chief forms of each, and write a tense of the verb λύω containing both.
4. Conjugate the present and imperfect indicative of the verb εἰμί and distinguish as to meaning between ἐστί and ἔστω. Give the principal parts of ἄγω, λέγω, τάττω, ἀκούω, ποιέω.
5. State the case (or cases) following: (1) verbs signifying to *rule, trust, cease from, care for or neglect*; (2) adjectives denoting *plenty or want, friendship or hostility, value or worth*; (3) the prepositions ἀνά, σύν, μετά, ἐπί. Write the Greek for *during the day*; *throughout the whole* (ὅλος) *day*; *on this very day*.
6. Translate into Greek: (1) The army was cut to pieces (κατακόπτω) on the plain. (2) This man asks: do you (*sing.*) admire the army? (3) The king will gladly desist from the war. (4) He sends a messenger to the army. (5) He requests them to come quickly.
7. Translate into English: (1) καὶ ἐποίουν οὕτως οὔτοι. (2) διὰ τοῦτο ἔμενον ἡμέραν ἐν τῷ πεδίῳ. (3) τὰ ὄπλα ἐπὶ ἀμαξίων ἦτο καὶ ὑποζυγίων. (4) τὸν δὲ στρατηγὸν ἐπειράτο πείθειν.
8. Translate into English: (1) ἐρωτᾷ τίνος ἐστὶν ὁ ἵππος. (2) οὔτοι οἱ στρατιῶται ἐνίκων τοὺς Θράκας. (3) τότε δὲ ἅμα τῇ ἡμέρᾳ κήρυκας ἐπέμψε περὶ σπονδῶν. (4) οἱ νεανίαί τότε μακρὰ ἤχασαν καὶ σφενδόνας ἀγαθὰς. (5) ἡ δὲ ὁδὸς στενὴ ἦν καὶ ὀρθία.

FRENCH—X.

A. "Bertenshaw." 3 to 5 p. m., Tuesday, 24th June, 1913.

1. Write the conjunctive personal pronouns for the direct object.
 - (a) Translate:—I have done it. Have you called me? Take them! No, don't take them.
2. When is the conjunctive personal pronoun *me* changed into *moi*?
 - (a) Translate:—He speaks to me. Speak to me! Don't speak to me!
3. Where are placed the pronouns *en* and *y*? Mention also the exception.
 - (a) Translate:—If you have too much paper, give me some too. If you are going to his house, take us there!

4. Write the disjunctive personal pronouns.

- (a) Translate:—He always speaks of thee. Are we not taller than they? Who has opened this window? I Sir. They and I will go to the concert.

5. Interrogative adjectives and pronouns. Translate:—

In *which* house have you been? *What* do you mean? (*vouloir dire*), *Which* of these boys is her brother? *Whose* carriage is that? *Of whom* are you speaking? *What* are you speaking of? *What* has happened.

6. *Reflexive* verbs: (a) Translate:—I rise at seven o'clock. We washed our hands. Dress yourself. I had flattered myself. I want to warm myself. Go to bed! How are you and how have you been?

7. Distinguish between *l'un l'autre* and *l'un et l'autre*.

- (a) Translate:—Both were speaking. They spoke to each other.

8. Distinguish between *connaître* and *savoir*, between *pouvoir* and *savoir* in translating: (a) That little boy can write already, but he cannot write to-day, he has hurt his hand (*s'est fait mal à la main*). (b) Do you know where he is now? (c) I don't know that lady.

9. Translate:—(a) After reading your letter, he *put* (*mettre*) it in his pocket. (b) I must go now, it is a quarter past eleven. (c) He desires that we translate this. (d) I am afraid that he knows it.

B. "Le Chevrier de Lorraine."

1. Le religieux, touché malgré lui, affectait de tousser pour cacher son émotion, tandis que Remy, bouleversé, regardait le parchemin sans pouvoir parler. Il y avait dans son trouble de la surprise, de la douleur, de l'attendrissement. En apprenant que le chevrier qui l'avait élevé n'était point son père, il lui sembla qu'il le perdait une seconde fois.
2. Ne le savez vous pas? reprit son interlocutrice; une fille qui se disait envoyée de Dieu est *arrivée* à Chinon dans le mois de février. Après l'avoir fait examiner par des évêques et par l'université de Poitiers, Charles l'a *mise* à la tête d'un secours qui se rendait à Orléans, et elle a fait lever le siège aux Anglais.
3. Account fully for the agreement of the two past participles in italics.

GEOMETRY.—X.

9 to 11 a. m., Wednesday, 25th June, 1913.

(The candidate must work *exclusively* from one set or the other of the two sets of questions given below.)

New Text.

1. From X a point in the base BC of an isosceles triangle ABC, a straight line is drawn at right angles to the base, cutting AB in Y and CA produced in Z. Prove the triangle AYZ is isosceles.

2. From the angular points of a parallelogram perpendiculars are drawn to any straight line which is outside the parallelogram. Prove that the sum of the perpendiculars drawn from one pair of opposite angles is equal to the sum of those drawn from the other pair.

3. Construct a triangle ABC having the angles at B and C equal to two angles L and M and the perpendicular from A on BC equal to a given line P.
4. AB is a given straight line, and AX is the perpendicular drawn from A to any straight line passing thru B; if BX revolve about B, find the locus of the middle point of AX.
5. Thru a given point A draw a straight line, so that the part intercepted between two given parallels may be of a given length.
6. If two triangles have two sides of the one equal to two sides of the other, each to each, and the angles included by those sides equal, then the triangles are equal in all respects.
7. If one side of a triangle is produced, then the exterior angle is greater than either of the interior and opposite angles. Prove both cases of this theorem.
8. If two triangles have two angles of the one equal to two angles of the other, each to each, and any side of the first equal to the corresponding side of the other, the triangles are equal in all respects.

Old Text.

1. Draw a straight line at right angles to a given finite straight line from one of its extremities without producing the given straight line.
2. If one side of a regular hexagon is produced, prove that the exterior angle is equal to the angle of an equilateral triangle.
3. The angle contained by the bisectors of two exterior angles of a triangle is equal to half the sum of the two corresponding interior angles.
4. Describe a rhombus equal to a given parallelogram and standing on the same base. When does the construction fail?
5. Describe a right angled isosceles triangle equal to a given square.
6. If one side of a triangle be greater than another, then the angle opposite the greater angle shall be greater than the angle opposite the less.
7. If a straight line falling on two other straight lines, make the exterior angle equal to the interior opposite angle on the same side of the line; or if it make the interior angles on the same side equal to two right angles; then the two straight lines shall be parallel.
8. Describe a parallelogram equal to a given rectilineal figure, and having an angle equal to a given angle.

ENGLISH HISTORY.—X.

3 to 5 p. m., Wednesday, 25th June, 1913.

1. Give an account of the Battle of Hastings, with its causes and results.
2. Write a short note on *Social Progress* during reign of Henry II.
3. Tell what you know of the following:
Treaty of Troyes, Monopolies, The Short Parliament, The Mutiny Act.
4. With what historical events were the following connected: The Black Prince, Joan of Arc, Robert Walpole, Daniel O'Connell, Lord Nelson?
5. Write a short account of the Boer War.

6. Explain the terms:—Fiscal Policy, Plebiscite, Budget, Estimates, Order-in-Council.

7. Of what does the Federal Government consist, and what matters are under its control?

8. Define briefly:
 Representative Government.
 Responsible "
 Party "

ALGEBRA—X.

9 to 11 a. m., Thursday, 26th June, 1913.

1. From $\left(x + \frac{a}{b}\right)\left(x + \frac{b}{a}\right)$ subtract $\left(x - \frac{a}{b}\right)\left(x - \frac{b}{a}\right)$ and find the value of the remainder when $x = \frac{1}{a^2 + b^2}$.

2. Find the lowest common multiple of $x^3 - 2x^2 - 5x + 6$ and $4x^3 - 9x^2 - 15x + 18$, expressing the result as the product of four factors.

3. Find in its simplest form the product of $a^2 - 2ax + 4x^2 - \frac{16x^3}{a + 2x}$ and $3 - \frac{6x(a + 4x)}{a^2 + 2ax + 4x^2}$.

4. Find the value of x from the equation $\frac{2x - 3}{.3x - .4} = \frac{.4x - .6}{.06x - .07}$.

5. A can do half as much work as B, B can do half as much as C, and together they can complete a piece of work in 24 days. In what time could each alone complete the work?

6. Solve the following equations by the method of factors:

(a) $x^3 - 2x^2 - x + 2 = 0$.

(b) $x^2 - 2 = \frac{23}{12}x$

(c) $a^2x^2 + ax = b^2ax + b^2$.

7. Solve $3x^2 - xy - 3y^2 = 21$
 $3x - 4y = 5$

8. A tradesman bought a number of yards of cloth for £5; he kept 5 yards and sold the rest at 2 shillings per yard more than he gave, and got £1 more than he originally spent. How many yards did he buy?

CHEMISTRY.—X.

3 to 5 p. m., Thursday, 26th June, 1913.

(N. B. Several of the questions of this paper are intended not only to test the present candidates, but to be educative and useful to teachers and those preparing for a similar examination in the future. Such persons should test their work by the paper, tho a simple *cramming* of the answers to the particular questions will be of little value. Formulae are to be used only for a definite weight or volume, not as a kind of shorthand for the name of a substance; but when a reaction is described give the equation if you can.)

1. Describe the method of preparation and the properties of ammonia or chlorine or sulphuretted hydrogen (hydrogen sulphide) or methane (marsh gas).

2. (This question is easy tho the explanations at the beginning make it look long. It should not be passed over on that account. The *weight* represented by the formula of a substance is obtained by adding the weights represented by the symbols composing it. The *volumes* of solids and liquids cannot be obtained from their formulae, but the volumes of *gases* can always be determined from the formulae. If the weight represented by the formula of a gas is given in *grams*, the *volume* at the temperature of melting ice and the pressure of the atmosphere is always 22.412 liters (or about five gallons.)

You will need the following symbol weights: H = 1; C = 12; N = 14; O = 16; P = 31; S = 32; Cl = 35.5; Br = 80. Give the weights and volume represented by the formulae of the gases whose name and formulae are given below, taking a line for each gas as in the example with hydrochloric acid: Hydrochloric acid, HCl, wt. 36.5 grams, vol. 22.412 lit. The gases are: Hydrobromic acid, HBr, Hydrogen, H₂; Oxygen, O₂; Ozone, O₃; Nitrogen, N₂; Ammonia, NH₃; Nitric Oxide, N O; Marsh gas, C H₄; Acetylene, C₂H₂; Ethylene, C₂H₄; Butane, C₄H₁₀, Tetramethylammonium bromide, N (CH₃)₄ Br; Phosphine, P H₃; Sulphuretted hydrogen, H₂S.

3. (a) What *volume* of ammonia can be got by the action of lime on 107 grams of ammonium chloride? The equation is: $\text{CaO} + 2\text{NH}_4\text{Cl} = \text{CaCl}_2 + \text{H}_2\text{O} + 2\text{NH}_3$.

(b) What *weight* of ammonium nitrate is necessary to produce 22.412 liters of nitrous oxide N₂O? The equation is $\text{NH}_4\text{NO}_3 = 2\text{H}_2\text{O} + \text{N}_2\text{O}$.

4. Describe fully what you would *see* if phosphorus is burned in a cylinder of air inverted over a pneumatic trough, specially noting the appearance of the flame during the whole operation; *or*, in case you have not done the experiment mentioned *or* forget the details, show that the equation $2\text{KClO}_3 = 2\text{KCl} + 3\text{O}_2$ is better than either $\text{KClO}_3 = \text{KCl} + 3\text{O}$ or $\text{KClO}_3 = \text{KCl} + \text{O}_3$. This is the same thing as proving that the formula of oxygen is O₂.

5. Draw a figure to represent the experiment of passing hydrochloric acid gas over metallic sodium. What substance would be produced? How would you test the gas obtained?

6. How could you show that ammonia or hydrochloric acid is soluble in water?

7. Give three or four experiments with nitric acid *or* with nitrous oxide *or* with chlorine showing that you understand the reactions.

8. Write a fifteen-minute essay on any subject in chemistry not discussed already. (Do not give anything that you have learned by rote from a book without understanding it. You can hardly prevent your ignorance being detected, in which case very few marks will be gained. Use your own language, not the words of the book.)

LATIN—X.

9 to 11 a. m., Friday, 27th June, 1913.

- Decline together in the singular *meus filius*, and in both numbers *ferocius animal* and *alia respublica*. Give the dative singular and plural of *totus*, *alter*, *bos*, *iter*, *ipse*.
- Name the chief classes of verbs which are followed by the dative.
- Conjugate the present indicative of *eo*, *fi*, *volo* and *malo*.
- (a) To what words is the use of the locative case limited? Classify by declensions the locative endings. Write in Latin, *at Rome*, *at Corinth*, *at Carthage*, *at Athens*, *at Tralles*. (b) Express in Latin in as many ways as you can: He sent ambassadors to seek peace.

4. Translate into Latin:—(1) The soldiers obtained possession of the city. (2) They spared neither men, women nor children. (3) Let not the soldier fear death. (4) He said the same things which you heard from me.
5. Translate into Latin:—(1) Would that the Romans had an abundance of brave men. (2) The Roman soldiers surpassed the Gauls in valor. (3) We hear that two legions are about to be sent into Gaul. (4) This is a very difficult thing.
6. Translate:—*Nam et frumentum ex agris quotidie in castra conferebat, et materia atque aere earum navium, quae gravissime afflictæ erant, ad reliquas reficiendas utebatur; alia, quæ ad eas res usui erant, ex continenti comportari jubebat.*

Explain cases of *aere, alia, usui*.

7. Translate:—*Nam omni frumento ex reliquis partibus demesso, pars una erat reliqua; hostes suspicati nostros huc esse venturos noctu in silvis delituerant; tum subito nostros dispersos adoriuntur; nam illi, occupati in metendo, arma deposuerant.*

Parse *demesso, delituerant, adoriuntur*.

8. Translate:—*Caesar, quum constituisset hiemare in continenti propter repentinos Galliae motus, neque multum aestatis supereset, obsides imperat; constituit quid vectigalis in singulos annos populo Romano Britannia penderet; imperat Cassivellauno, ne Mandubracio neu Trinobantibus noceat.*

Explain cases of *vectigalis, Cassivellauno, Mandubracio*.

ARITHMETIC.—X.

3 to 5 p. m., Friday, 27th June, 1913.

1. Find the cube root of .0001 to four places of decimals.
2. What will it cost to gravel a walk, 2 yards wide around the inside of a circular piece of ground whose diameter is 40 yards, at 14 cents a sq. yd.?
3. Find the difference between the true and bank discounts off \$508, due in $4\frac{1}{2}$ years, at 6% per annum, simple interest.
4. An importer paid 10% for freight and duty on goods invoiced at \$9875; he sold them at a clear gain of 20% to the retailer, who sells them at a gain of 25% to the consumer; Find the price paid by the consumer.
5. A cargo was insured at $4\frac{1}{2}$ % to cover $\frac{1}{2}$ of its value. The premium was \$122.50; What was the value of the cargo?
6. A man invests \$7140 in stock at 84, and after it has advanced to 95, sells out,—brokerage in both transactions being $\frac{1}{2}$ %. Find his gain.
7. Bought land at \$40 an acre. How much must I ask an acre that I may abate 25% from my asking price, and still make 30% on the purchase money?
8. How many cubic inches of lead will it take to make three feet of two and a half inch pipe, the lead being one-fourth of an inch thick? Find its weight, the sp. gr. of lead being 11.3, and the weight of an imperial gallon of water being 10 lbs.

GERMAN.—X.

9 to 11 a. m., Monday, 30th June, 1913.

1. (a) Translate:—Die Sperlinge. Eine alte Kirche, welche den Sperlingen viele Nester gab, ward ausgebessert. Als sie nun in ihrem neuen Glanze da stand, kamen die Sperlinge wieder, ihre alten Wohnungen zu suchen. Allein sie fanden alle vermauert. "Wozu," schriean sie, "taugt denn nun das grosze Gebäude? Kommt, verlaszt den unbrauchbaren Steinhaufen."
 (b) Decline in full (sing. and plural): ihre alte Wohnung.
 (c) *ihrem neuen Glanze*. Which case is that? Why?
 (d) Explain the position of the verb *gab* in the passage above.
2. (a) Translate:—Auf dem Stephansturne zu Wien befindet sich ein groszes Uhrwerk, das jedoch nur Stunden schlägt. Die Viertel werden von den Wächtern vermittelst eines Drahtzuges angeschlagen, bis auf das letzte Viertel; das schlagen sie gar nicht.
 (b) *befindet sich*. Replace this reflexive verb by another shorter German verb, meaning the same.
 (c) Translate:—Does this clock only strike the hours?
 (d) *den Wächtern*. Case? Why? Write all the prepositions governing this case. Write the Nominative Singular and Plural of *Wächtern*.
3. (a) Translate:—Der Mensch entfernte sich. "Nun," sprach der höhnische Maulwurf—and ihm stimmte der Hamster und der Igel wieder bei—"siehst du, Pferd, der Löwe meint es auch, dasz der Mensch unser Richter nicht sein kann! Der Löwe denkt, wie wir." "Aber aus bessern Gründen als ihr!" sagte der Löwe und warf ihnen einen verächtlichen Blick zu.
 (b) Write the Infinitive (pr), the Imperative and the Perfect Indicative in full of *entfernte sich*.
 (c) Translate:—What did she say? What would she have said?
 (d) Write the Nominative, Dative and Accusative of the personal pronouns.
4. (a) Translate:—Ein schwer-verwundeter deutscher Reiter wurde von dem Schlachtfelde weggetragen und ins Lager gebracht. Die ihm begegnenden Kameraden fragten ihn teilnehmend, wie is ihm gehe. "O, recht gut,"antwortete er," der Feind ist schon im Zurückweichen."
 (b) Translate:—A German man. A German woman. A German girl.
 (c) *ins*, explain this contraction, and give some others.
 (d) Translate:—How is he? How are you? (regarding health).
 (e) Write the comparative and superlative of *good*.
5. Translate:—(a) I would not play with him. (b) Don't go without me. (c) I have not spoken with him. (d) Who had broken it? (e) He would die. (f) What has happened? (g) They have taken a walk. (h) I have slept the whole night.

GRADE XI.

ENGLISH.—XI.

9 to 11 a. m., Tuesday, 24th June, 1913.

1. From what source did Shakespeare obtain the material for "As you Like It?" Sketch the plot of the play.

2. Describe the scene at the wrestling match on the lawn before the Duke's palace. (Act 1, scene 9).

3. By whom, and under what circumstances, were the following excerpts spoken? Explain the italicised words:—

(a) "We'll have a *swashing* and a martial outside,
As many other mannish cowards have
That do outface it with their *semblances*."

(b) "Why would you be so *fond* to overcome
The bonny *priser* of the Duke?"

(c) "Your praise is come too swiftly home before you. O wonderful,
wonderful, and most wonderful wonderful! and yet again wonderful,
and after that, out of all *hooping*."

(d) "I do remember in this shepherd boy
Some *lively touches* of my daughter's *favour*."

4. What was the condition of literature, as a calling, when Johnson took up his residence in London? Describe his early experiences in London. How was he affected thereby?

5. Give an account of Johnson's friendship with the Thrales. How did it end? What works did he produce during this period?

6. Give a short sketch of Macaulay's life. Comment briefly on his style, and mention his principal works.

7. Mention one of the principal works of the following authors, and state the period in which each writer lived:—Edmund Spenser, John Dryden, William Cowper, Jane Austen, Robert Browning, George Eliot.

8. Sketch the character of Ivanhoe, and illustrate your remarks by reference to incidents in the story.

Note.—In valuing the answers to question "eight," special attention will be paid to quality of composition.

GREEK.—XI.

11 a. m. to 1 p. m., Tuesday, 24th June, 1913.

1. Decline together: ὁ μέλας νεανίας and τὸ μέγα ὄρος. Also decline in all genders ὄστις and μείζων.

2. Conjugate the present indicative active of νικάω and the imperfect of καλέω.

Give the principal parts of ἄρχω, ὑπισχνέομαι, πέμπω, δίδω, σπάω, ἐλαύνω.

3. Explain the Genitive Absolute. Why is this construction less common in Greek than the Ablative Absolute in Latin?

Explain the case (or cases) of nouns, other than the subject, found in the following sentences: (a) Κῦρος τῷ στρατεύματι ἦσθη. (b) οἱ στρατηγοὶ αἰτοῦσι Κῦρον τὰ πλοῖα. (c) ἔμεινον τὴν ὅλην ἡμέραν. (d) Ἄγαθοὶ στρατηγοὶ τῷ Κῦρῳ ἦσαν. (e) Ἐλαβον τῆς ζώνης τὸν Ορόνταν.

4. Translate into Greek: (1) Whenever there is an opportunity (καιρός), I will come to the city. (2) We made Xenophon leader that we might be saved. (3) The same day Cyrus came to the crossing of the river. (4) Cyrus chopped down the park and burnt the palace.

5. Translate into Greek: (1) Cyrus was dear to his soldiers and was trusted by them. (2) He himself drew up his own men. (3) The king will not fight within ten days. (4) Cyrus sent for Clearchus.

6. Translate into English: καὶ τῶν παρ' ἑαυτῷ δὲ βαρβάρων ἐπεμελείτο, ὡς πολεμῆν τε ἱκανοὶ εἶησαν καὶ εὐνοϊκῶς ἔχοιεν αὐτῷ. τὴν δὲ Ἑλληνικὴν δύναμιν ἤθροισεν ὡς μάλιστα ἐδύνατο ἐπικρυπτόμενος, ὅπως ὅτι ἀπαρασκευότατον λάβοι βασιλέα.

Explain the case of βαρβάρων and the expressions εὐνοϊκῶς ἔχοιεν and ὅτι ἀπαρασκευότατον.

7. Translate into English: ἐγὼ γὰρ ὀκνοῖν ἂν εἰς τὰ πλοῖα ἐμβαίνειν ἃ ἡμῖν δοίη, μὴ ἡμᾶς αὐταῖς ταῖς τριήρεσι καταδύσῃ, φοβοίμην δ' ἂν τῷ ἡγεμόνι ᾧ δοίη ἔπεσθαι, μὴ ἡμᾶς ἀγάγῃ ὅθεν οὐκ ἔσται ἐξελθεῖν· βουλοίμην δ' ἂν, ἄκοντος ἀπῶν Κῦρον, λαθεῖν αὐτὸν ἀπελθῶν· ὃ οὐ δυνατόν ἐστιν.

(1.) Explain the cases of τριήρεσι, ἡγεμόνι, ᾧ.

(2.) Parse λαθεῖν and explain its use with ἀπελθῶν.

8. Translate into English: Τεκμήριον δὲ τούτου καὶ τόδε· παρὰ μὲν Κῦρον, δούλου ὄντος, οὐδεὶς ἀπήει πρὸς βασιλέα· πλὴν Ὀρόντας ἐπεχείρησε· καὶ οὗτος δὴ ὄν ᾤετο πιστόν οἱ εἶναι, ταχὺ αὐτὸν ἤυρε Κῦρῳ φιλαίτερον ἢ ἑαυτῷ.

Parse ἀπήει, ᾤετο, οἱ, ἤυρε.

FRENCH.—XI.

3 to 5 p. m., Tuesday, 24th June, 1913.

A. Exercises on "Fraser & Squair's" and Bertenshaw's Grammar."

Translate any ten of the following sentences:—

1. Have you taken up the gentleman's trunk? Not yet.
2. It is very warm to-day, yesterday it was foggy.
3. They have not yet gone away, they will remain here till to-morrow.
4. Why are you crying my little girl? I have fallen and hurt myself (*se faire mal*).
5. Where have you hurt yourself? 6. We are not going for a drive to-day, we prefer to walk.
7. It is getting late children! You must go to bed.
8. I wish you would not go away.
9. He had to learn French, for he lived in France.
10. That boy has broken his arm.
11. We shall pay attention to what you have just said.
12. He does not know what he wants.
13. I have to make some purchases, will you accompany me?
14. It is light at four o'clock now, but is it broad daylight?
15. What do you want me to do? I wish you to bring me the newspaper.
16. Who has just opened the door? They (*Mascul*).
17. Don't go away before he has spoken to you about it.

B. "Specimen of French Prose."

1. Translate:—*Cela se pouvait bien; il y avait de quoi pâlir. Il vint cependant près de moi sur le gaillard; elle nous regardait, appuyée contre le grand mât. Nous nous promenâmes longtemps de long en large sans rien dire. Je fumais un cigare que je trouvais amer, et je le crachai dans l'eau.*
1. Write in full the present of the Conditional, and the present and the past of the Subjunctive of the verbs in italics.
2. Translate: That may be. There are no books. A month ago. Look at me! Let us walk a little!
1. Translate:—*Grelot voulut se lever, mais il n'était pas très solide sur ses jambes et Corentin l'obligea à se rasseoir, en lui disant: "Voyons, tu n'es pas dans un état à casser quelque chose à quelqu'un. Comment! je ne suis pas dans un état. Je vois bien ce que tu veux dire; mais tu te trompes. Je suis un peu parti, voilà tout, ça ne m'empêchera pas de lui régler son compte, à ce Michel Cornu.*
1. Write in full the Preterite of the verbs "to get up" and "to sit down" in Fr.
2. Translate:—*Sit down please Mr. White!—I have been mistaken.—I shall prevent him from going out.*

C. A Travers le Canada."

1. Translate:—*Une lettre, datée des derniers jours d'avril, rectifie la mauvaise opinion que je me fais de Jules et m'apprend qu'après deux mois passés à Sydney, mon ami s'est fixé à Glace Bay, où il attend ma visite. "Viens, tu n'auras aucun regret d'avoir fait le voyage; les mines de charbon intéressent tous les étrangers." "C'est parfait, me dit Fred, lorsque je lui fais part de l'invitation de Jules; je t'accompagne au Cap-Breton.*
2. Translate:—*The good opinion that I had formed of Jules. Why did you not wait for her? (Perfect tense). The interesting coal mines.*

GEOMETRY.—XI.

9 to 11 a. m., Wednesday, 25th June, 1913.

[The candidate may work *one only* of any two questions bracketed].

1. About a given circle circumscribe a triangle equiangular to a given triangle.
2. If two chords of a circle cut at a point within it, the rectangles contained by their segments are equal.
3. Draw an isosceles triangle having each of the angles at the base double of the vertical angle.
4.

{	Draw squares whose areas shall be respectively twice, three times, four times...that of a given square.
	<i>Or,</i> In any triangle A B C, if I is the center of the inscribed circle, and if A I is produced to meet the circumscribed circle at O; prove that O is the center of the circle circumscribed about the triangle B I C.
5.

{	The area of a quadrilateral is equal to the area of a triangle, having two of its sides equal to the diagonals of the given figure and the included angle equal to either of the angles between the diagonals.
	<i>Or,</i> P Q R are the middle points of the sides of a triangle, and x is the foot of the perpendicular let fall from one vertex on the opposite side: Prove the four points P Q R x are concyclic.
6. In a right angled triangle, if a perpendicular is drawn from the right angle to the hypotenuse, the square on this perpendicular is equal to the rectangle contained by the segments of the hypotenuse.
7.

{	If from an external point P, a secant P C D is drawn to a circle, and P M is perpendicular to a diameter A B, prove that $PM^2 = P C P D + A M M B$.
	<i>Or,</i> The perpendiculars drawn from the vertices of a triangle to the opposite sides are concurrent.
8. If a straight line is divided internally in medial section, and from the greater segment a part is taken equal to the less, prove that the greater segment is also divided in medial section.

GENERAL HISTORY.—XI.

3 to 5 p. m., Wednesday, 25th June, 1913.

1. Give a short account of the early history of the Persians.
2. What enemy threatened Christian civilization in the 7th century? What wars were undertaken to oppose this influence? Give results of these wars.
3. Write a note on the history of the Roman Republic, giving the four epochs into which this period divides itself.
4. What Emperor enjoys the distinction of being "the grandest figure of the Middle Ages?" Briefly outline his career.
5. Sketch the career of Peter the Great, and the changes effected by him.
6. Tell what you know of the following:
Herodotus, Aristotle, Coumbus, Bacon, Milton, Newton, LaFontaine.

7. Name the great discoveries that mark the close of the Middle Ages.
8. Describe the Seven Years' War, giving a short account of the different campaigns and results of the war.

ALGEBRA.—XI.

9 to 11 a. m., Thursday, 26th June, 1913.

1. Resolve into factors:

$$(a) \frac{16a^4 + b^4 - 28a^2b^2}{x^3 - 64}$$

$$(b) \frac{512}{a^3} - \frac{1}{x^3}$$

$$(c) \frac{x^2}{x^3} - 8x - a^3 + 8x^3$$

$$(d) x^3 - x^2 - 41x + 105$$

2. Find the value of $\frac{\sqrt{1+x} + \sqrt{1-x}}{\sqrt{1+x} - \sqrt{1-x}}$ when $x = \frac{2b}{b^2+1}$.

3. The expenses of a school are partly constant and partly proportional to the number of boys. The expenses were £650 for 105 boys and £742 for 128 boys. What will the expenses be when there are 115 boys?

4. A sets out from a place and travels $2\frac{1}{2}$ miles an hour. B sets out 3 hours after A and travels in the same direction, 3 miles the first hour, $3\frac{1}{4}$ miles the second, 4 miles the third, and so on. In how many hours will B overtake A?

5. (a) Find the sum of the first eight terms of the series $\frac{1}{3} - \frac{1}{4} + \frac{1}{24} - \dots$
 (b) Form the equation whose roots are $2 + \frac{1}{2}\sqrt{7}$ and $2 - \frac{1}{2}\sqrt{7}$.

6. The number of combinations of n things taken 4 at a time is to the number of combinations of $n+1$ things, 3 at a time, as 3 to 2; find n .

7. Given $\log 3 = .47712$ and $\log 7 = .84509$, find to four decimal places the value of $\log \frac{225}{224} - 2 \log \frac{20}{189} + \log \frac{512}{81}$.

8. Prove that a quadratic equation cannot have more than two roots.

PHYSICS.—XI.

3 to 5 p. m., Thursday, 26th June, 1913.

1. An electric car acted on by a force of 20,000 poundals for ten seconds gains a velocity of 20 feet per second (nearly 14 miles an hour). What is the mass of the car? Name the unit in which your answer is given. (A poundal is that force which, acting for a second upon a mass of one pound, gives it a velocity of one foot per second).

2. Define gram weight, erg, dyne, foot pound, foot poundal, or calculate what weight hanging vertically can support a weight of one ton upon an inclined plane ten feet long and five feet high.

3. A suction pump delivers water on the up stroke of the piston, a force pump delivers water on the down stroke. Show by diagram and words that this is so. (If you draw diagrams like those in any of the text books, you should be able to see that such is the case, even if you never thought of it before.)

4. Give *four* experiments or examples naturally occurring illustrative of expansion due to heat.
5. Describe one experiment in conduction and one in convection of heat, or discuss "conservation of energy."
6. Show what is meant by musical beats and how they are produced, or name three important things upon which the electrical resistance of a wire depends, and show the effect of each of these.
7. Discuss the statement, "Heat is not transmitted by radiation," explaining how the earth is warmed by the sun, or, if the fall of potential in an incandescent lamp is 120 volts, and the strength of current maintained thru it is 0.75 amperes, what is the resistance of the lamp? How much power expressed in watts is required for such a lamp?
8. Describe in a way suitable to your grade any machine or experimental apparatus connected with sound or light or electricity. Your description must show as fully as possible how well you understand the principles involved.

LATIN.—XI.

9 to 11 a. m., Friday, 27th June, 1913.

1. Decline together in the singular: *tota domus, ipsum pelagus, altera soror*.
Write the other degrees of *optime, summus, minimus natu, pejus, acerrime*.
2. Give the supine (in *um*) of the following verbs:—*cado, gigno, mordeo, sepelio, do, dedo, quaero*; also the perfect participles of the following deponents: *morior, obliviscor, potior, queror, reor, patior*.
3. Translate into Latin:—(1) Scipio spared the captives. (2) The whole army marched (*iter facere*) into the enemy's country. (3) Horatius was bravely guarding the bridge. (4) The girls were loved by their parents more than the boys.
4. Translate into Latin:—(1) He said that he could not promise to go. (2) The Romans think that their city is more beautiful than Athens. (3) When Casear learned this he at once set out for Geneva. (4) If I had had the money, I would have given it.
5. Translate:—*Capto monte et succedentibus nostris, Boii et Tulingi, qui hominum milibus circiter xv agmen hostium claudebant et novissimis praesidio erant, ex itinere nostros latere aperto aggressi circumvenire, et id conspicati Helvetii, qui in montem sese receperant, rursus instare et proelium redintegrare coeperunt*.
6. Explain cases of *novissimis* and *praesidio* and construction of *circumvenire*.
7. Translate:—*Cum ex captivis quaereret Caesar, quam ob rem Ariovistus proelio non decertaret, hanc reperiebat causam, quod apud Germanos ea consuetudo esset, ut matres familiae eorum sortibus et vaticinationibus declararent, utrum proelium committi ex usu esset necne; eas ita dicere non esse fas Germanos superare, si ante novam lunam proelio contendissent*.
8. Account for the subjunctives *quaereret* and *decertaret*. Distinguish in meaning between *jus* and *fas*.

7. Translate:—

interea ad templum non aequae Palladis ibant
 crinibus Iliades passis peplumque ferebant,
 suppliciter, tristes et tunsae pectora palmis;
 diva solo fixos oculos avera tenebat.
 ter circum Iliacos raptaverat Hectora muros,
 exanimumque auro corpus vendebat Achilles.

Parse *passis* and *tunsae*. Account for case of *pectora*.

8. Translate:—

bis denis Phrygium conscendi navibus aequor,
 matre dea monstrante viam, data fata secutus;
 vix septem convolsae undis Euroque supersunt.
 ipse ignotus, egens, Libyae deserta peragro,
 Europa atque Asia pulsus. nec plura quarentem
 passa Venus medio sic interfata dolore est.

Account for cases of *undis* and *Europa*. Parse *quarentum* and *passa*.

TRIGONOMETRY AND MENSURATION.—XI.

3 to 5 p. m., Friday, 27th June, 1913.

1. Tabulate the sin and cos. of 0° , and of the angles 30° and 45° and their multiples up to 180° , inclusive.

2. Logs of 2 and 3 are respectively .3010300 and .4771213; find logs. of 216, .375 and 6

3. Give the sides of a triangle 18, 24, 30, find its area; and show how to find its angles.

4. Find the radius of the circle inscribed in triangle in question 3.

5. Deduce: $\frac{a-b}{a+b} = \frac{\tan \frac{1}{2}(A-B)}{\tan \frac{1}{2}(A+B)}$

6. Find the length of an arc of 108° in a circle of radius 2 ft. 6 in.

7. Two pulleys of unequal diameters have their axes of revolution parallel. Show how to find the length of their driving belt, their radii and the distance between their axes being given.

8. The angles of depression of the top and bottom of a column observed from a tower, situated on the same horizontal plane, and 108 feet in height, are 30° and 60° . Find the height of the column.

GERMAN.—XI.

9 to 11 a. m., Monday, 30th June, 1913.

1. (a) Translate:—Eines Tages, als Professor Chopin nicht zu Hause war, entstand in der Pension ein furchtbarer Lärm. Der anwesende Lehrer wusste sich auf keine Weise Rat zu verschaffen. Da trat zum Glück Friedrich, der junge Sohn des Professors, in den Saal.
- (b) *Eines Tages*. Justify this case.
- (c) *war. entstand*. Explain the position of these verbs.

- (d) *trat.* Write in full the Present Indicative, the first person Singular Imperf. Ind. and the first person Sing. Perfect. Ind. of this verb.
- (e) Write seven German verbs to be conjugated with *sein*.
2. (a) Translate:—Das Wetter hatte sich in der Nacht ausgetobt. Morgens lag dicker Nebel über dem Waikato. Der Nebel hob sich aber bald, die Sonne schien freundlich ins Thal, und nun welches Schauspiel!
- (b) *Das Wetter hatte sich in der Nacht ausgetobt.* Write this sentence only in the same person and number, but in all the tenses of the Indicative and the Conditional.
- (c) Translate:—Do you think that the weather has spent its fury?
3. (a) Translate:—An einem schönen Sommertage war im Prater zu Wien ein groszes Volksfest. Ganz Wien zog hinaus in die schönen Anlagen, und zu den Esz-und Trink-Zelten, die der Wiener so besonders gern hat. Vornehme und Geringe, Jung und Alt freuten sich dort des schönen Tages. Auch viele Fremde kamen heraus, um sich an der Lust des Volkes zu erfreuen.
- (b) *einem schönen Sommertage.* Write the Nominative case, Singular and Plural. Explain the case used in 3a.
- (c) Translate:—I like it particularly, don't you?
- (d) Translate:—Come out with us to (nach) the Prater.
- (e) Translate:—I have done it, in order to delight her.
4. (a) How do the Germans translate *ago*? Give an example.
- (b) Translate:—Do you know that lady? No, but I know where she lives.
- (c) Translate:—Ich habe nicht an ihn gedacht—I did not think of it.
- (d) Write the Singular (1st, 2nd, 3rd personal) of the Present Indicative of the German *modal* auxiliaries, and the 1st person Sing. of the Imperf. Ind.
- (e) Translate:—I should like to go. May I take your book? Must you do it? He is said to be ill. I could not do it. Will you take a walk with me?
5. The Germans often replace the passive voice by other constructions. Translate in three different ways:—The book will be found.
6. Translate:—(a) I am hungry and thirsty. (b) What is the matter with you? (c) It has been raining the whole day. (d) The battle of Leipzig was on the fifteenth, sixteenth and eighteenth October eighteen hundred thirteen, one hundred years ago.
7. Translate:—(a) He has broken his arm, therefore he cannot write. (b) Ask him if he has time. (c) I have given it to your brother because you were not home.

GRADE XII.
ENGLISH (a).—XII.

9 to 11 a. m., Tuesday, 24th June, 1913.

1. Give an account of the Teutonic conquest of Britian. Name the "Invading Tribes," and give the geographical position of the kingdoms founded by them. Or, how, according to Bradley, may the attributive use of the English noun be described grammatically?

2. "The breach between them,—i. e., England and France,—was still further widened by the action taken in 1244 by the French King, Louis IX." What caused the hostility? What action was taken by Louis, and on what ground? Describe its results. Or, Describe the development of the literary, as distinguished from the colloquial, adoption of French words into the English language.

3. Give the substance of Loundsbury's remarks on "The Future of the English Tongue." Or, Write a note, giving examples, on the various methods of English word-compounding.

4. How does Loundsbury classify the specific changes that have come over the two conjugations, *strong* and *weak*? Or, Compare Spenser's influence with that of Chaucer on literary English.

5. Give an account of Milton, and his principal works.

6. Sketch briefly the life of Samuel Johnson, and of Edward Gibbon. Mention their principal works.

7. Give a summary of Gwynn's remarks on the life and poetry of Wordsworth.

8. Mention two of the principal works of each of the following authors, and state the period in which each writer lived:—Oliver Goldsmith, Jonathan Swift, Thomas Carlyle, Lord Lytton, George Eliot, Alexander Pope.

GREEK (b).—XII.

11 a. m., to 1 p. m., Tuesday, 24th June, 1913.

1. Translate: ἐπεὶ δὲ καὶ Κλέαρχον ἑώρων σπουδάζοντα, προσελάμβανον καὶ οἱ πρεσβύτεροι. πολὺ δὲ μᾶλλον ὁ Κλέαρχος ἔσπευδεν ὑποπτεῦν μὴ αἰεὶ οὕτω πλήρεις εἶναι τὰς τάφρους ὕδατος· οὐ γὰρ ἦν ὥρα οἷα τὸ πεδῖον ἄρδεν· ἀλλ', ἵνα ἤδη πολλὰ προφαίνοιτο τοῖς Ἑλλησι δεινὰ εἰς τὴν πορείαν, τούτου ἕνεκα βασιλέα ὑπόπτευεν ἐπὶ τὸ πεδῖον τὸ ὕδωρ ἀφεικίνα.

Parse ἑώρων and ἀφεικίνα.

2. Translate: Ἐμοὶ μὲν ταῦτα πάντα ἐνθυμουμένῳ οὕτω δοκεῖ θαυμαστὸν εἶναι τὸ σὲ ἡμῖν ἀπιστεῖν, ὥστε καὶ ἥδιστ' ἂν ἀκούσαιμι τὸ ὄνομα τίς οὕτως ἐστὶ δεινὸς τοσαῦτα εἶπε· Τισσαφέρνης δὲ ὤδε ἀπημείφθη. Κλέαρχος μὲν οὖν

Explain construction of the clause τὸ . . . ἀπιστεῖν.

Parse ἀπημείφθη.

3. Translate: Καὶ ἀρχικὸς δ' ἐλέγετο εἶναι ὡς δυνατὸν ἐκ τοῦ τοιούτου τρόπου οἷον κάκεινος εἶχεν. ἱκανὸς μὲν γὰρ ὡς τις καὶ ἄλλος φροντίζειν ἦν ὅπως ἔχοι ἢ στρατιὰ αὐτῷ τὰ ἐπιτήδεια καὶ παρασκευάζειν ταῦτα, ἱκανὸς δὲ καὶ ἐμποῆσαι τοῖς παροῦσιν ὡς πιστότερον εἶη Κλέαρχῳ.

Write a grammatical note on clause, ὡς . . . Κλέαρχῳ. Explain mood of εἶη and case of Κλέαρχῳ.

4. Translate: οὕτω δ' ἐχόντων, εἰκὸς τοῖς μὲν πολεμίοις ἐναντίους εἶναι τοὺς θεοῦς, ἡμῖν δὲ συμμάχους, οἵπερ ἱκανοὶ εἰσι καὶ τοὺς μεγάλους ταχὺ μικροὺς ποιεῖν καὶ τοὺς μικροὺς, κἂν ἐν δεινοῖς ὄσι, σφάζειν εὐπετῶς, ὅταν βούλωνται.

Explain construction of οὕτω δ' ἐχόντων.

Explain formation and force of κἂν.

5. Translate: ἄν δέ τις ἀπειθῆ, ψηφίσασθαι τὸν αἰὲ ἡμῶν ἐντυγχάνοντα σὺν τῷ ἀρχοντι κολάζειν· οὕτως οἱ πολέμοι πλείστον ἐψευσμένοι ἔσονται· τῆδε γὰρ τῆ ἡμέρα μυρίουσ ὄψονται ἀνθ' ἐνὸς Κλεάρχου, τοὺς οὐδενὶ ἐπιτρέψοντας κακῶ εἶναι.

Explain construction of τοὺς . . . ἐπιτρέψοντας, and account for case of οὐδενὶ and κακῶ.

6. Translate: Μετὰ ταῦτα Χειρίσοφος εἶπεν· “Ἄλλ’ εἰ μὲν τινος ἄλλου δεῖ πρὸς τούτοις οἷς λέγει Ξενοφῶν, καὶ αὐτίκα ἐξέσται ποιεῖν· ἃ δὲ νῦν εἴρηκε, δοκεῖ μοι ὡς τάχιστα ψηφίσασθαι ἄριστον εἶναι· καὶ ὅτω δοκεῖ ταῦτα, ἀνατεινάτω τὴν χεῖρα.” ἀνέτειναν πάντες.

Account for case of ἄλλον. Parse ὅτω and ἀνατεινάτω. How does latter differ in mood, tense, and force from ἀνετείνετο?

7. Translate: Σχολαίαν γὰρ ἐποίουν τὴν πορείαν πολλὰ ὄντα τὰ ἱποζύγια καὶ τὰ αἰχμάλωτα, καὶ πολλοὶ δὴ αὐτῶν οἱ ἐπὶ τούτοις ὄντες ἀπομαχοὶ ἦσαν, διπλάσιά τε τὰ ἐπιτήδεια ἔδει πορίζεσθαι καὶ φέρεσθαι πολλῶν τῶν ἀνθρώπων ὄντων. Δόξαν δὲ ταῦτα ἐκήρυξαν οὕτω ποιεῖν.

Explain the construction of Δόξαν and ταῦτα. Parse Δόξαν.

8. Translate: Ἐπειδὴ δὲ βοῆ πλείων τε ἐγένετο καὶ ἐγγύτερον καὶ οἱ αἰὲ ἐπιότες ἔθεον δρόμῳ ἐπὶ τοὺς αἰὲ βοῶντας καὶ πολλῶ μείζων ἐγένετο ἢ βοῆ ὅσω δὴ πλείους ἐγένοντο, ἐδόκει δὴ μείζον τι εἶναι τῷ Ξενοφῶντι· καὶ ἀναβάς ἐφ’ ἵππον καὶ Λύκιον καὶ τοὺς ἱππέας ἀναλαβὼν παρεβόηθει. καὶ τάχα δὴ ἀκούουσι βοῶντων τῶν στρατιωτῶν, ΘΑΛΑΤΤΑ, ΘΑΛΑΤΤΑ, καὶ παρεγγυώντων.

Parse παρεβόηθει and παρεγγυώντων. Parse πλείους. State the incident recorded in this extract.

FRENCH.—XII.

3 to 5 p. m., Tuesday, 24th June, 1913.

1. “Sacs et Parchemins.”

Translate:—Je ne veux pas, je ne dois pas être un empêchement dans la destinée de mon fils. Cependant la royauté de 1830 vous paraît elle bien solidement établie? Pensez vous qu’elle ait dans le sein, de la nation des racines vives et profondes? La jugez vous inébranlable? Mon ami, la fortune des rois a d’étranges revirements. Quand on a vu crouler en trois jours un trône de plusieurs siècles, il est permis de douter de la longévité d’une monarchie qui sort à peine du berceau. Je souhaiterais que Gaston ne se pressât point, je voudrais qu’il observât la marche des événements, qu’il attendît quelque temps encore.

- (a) Translate with “devoir” You ought to do it now. You ought to have done it yesterday.
- (b) Explain the different uses of the subjunctive in 1.
- (c) Translate:—He wants you to do it at once. He fears your coming.

2. "Polyeucte."

Translate:—Le Dieu de Polyeucte et celui de Néarque
 De la terre et du ciel est l'absolu monarque,
 Seul être indépendant, seul maître du destin,
 Seul principe éternel, et souveraine fin.
 C'est ce Dieu des Chrétiens qu'il faut qu'on remercie
 Des victoires qu'il donne à l'empereur Décie;
 Lui seul tient en sa main le succès des combats;
 Il le veut élever, il le peut mettre à bas;
 Sa bonté, son pouvoir, sa justice est immense;
 C'est lui seul qui punit, lui seul qui récompense.

- (a) Translate:—Here are my books and Mr. Brown's (those of Mr. Brown). These pens are not good, try those of Mr. White.
- (b) "Lui seul tient." Explain the use of "lui" instead of "il."
- (c) What is the "Aléxandrine?" What is the "caesura?"

3. "Le Gendre de Mr. Poirier."

Translate:—L'oseriez vous jurer sérieusement monsieur le duc? Mon serment ne vous prouverait rien, car un galant homme a le droit de mentir en pareil cas. Quoiqu'il en soit, madame, je vous ai prévenue du danger; Je vous ai indiqué le moyen d'y échapper, j'ai rempli mon devoir, d'ami et d'honnête homme, ne m'en demandez plus! Ah! je viens de perdre tout ce que j'avais gagné dans le coeur de Gaston. Il m'appelaît marquise il y a une heure.

Translate:—(a) Whatever he has said, don't believe it.

- (b) I would show you the means to escape the danger.
- (c) I had *just* got up when he entered my room.
- (d) What would you do! if he *happened* to die?

4. "Fraser & Squair."

Translate:—What a pretty girl! What is her name? (use the reflexive verb).

- (b) Do you know that man and his wife? We know both him and her. We know him only.
- (c) As soon as the little boy had seen his mother, he ran to her.
- (d) He is a bad man, I cannot trust him. Don't trust him!
- (e) The doctor is at home, do you want me to send for him? Send for him at once!
- (f) My brother and sister have gone away, they will not be back till Wednesday.
- (g) I had my hair cut this morning. Get your hair cut!
- (h) He was walking with his eyes closed, he fell and broke his arm.
- (i)è What I complain of is, that you make no progress in your studies. pity him.
- (j) I was thinking of what you were talking about this morning. I have been thinking of you. What do you think of the war?

GEOMETRY.—XII.

9 to 11 a. m., Wednesday, 25th June, 1913.

[The candidate may work one only of the two questions in the bracket].

1. The perpendiculars drawn from the vertices of a triangle to the opposite sides, are concurrent.
 2. A B C is a triangle. O is its orthocenter, and A K a diameter of the circumcircle: Prove that B O C K is a parallelogram.
- Two circles intersect at B and C, and the two direct common tangents, A E and D F are drawn: If the common chord is produced to meet the tangents at G and H, prove that $\overline{GH}^2 = \overline{AE}^2 + \overline{BC}^2$.
- or,
3. Given two intersecting straight lines A B, A C, and a point P, between them; Prove that of all the straight lines which pass thru P, and are terminated by A B, A C, that which is bisected at P cuts off the triangle of minimum area.
 4. If two triangles have their sides proportional when taken in order, the triangles are equiangular to one another, and those angles are equal which are opposite corresponding sides. [Euclid VI. 5].
 5. The areas of similar triangles are proportional to the squares of the corresponding sides. [Euclid VI. 19].
 6. Straight lines which are cut by parallel planes, are cut proportionally. [Euclid XI. 17].
 7. Draw a circle to pass thru a given point P, and to touch two given straight lines A B, A C.
 8. In a trihedral angle the sum of any two face angles is greater than the third. [Euclid XI. 20].

ANCIENT HISTORY.—XII.

11 a. m. to 1 p. m., Wednesday, 25th June, 1913.

1. Classify the different races of mankind. Briefly describe each.
2. Briefly outline the Political History of Ancient Egypt.
3. Give an account of the Rise and Fall of the Old Babylonian Empire.
4. Tell what you know of the following:
Rameses II; Hammurabi; Sargon II; Sennacherib; Pericles.
5. Briefly discuss services rendered civilization by Assyria.
6. Write a note on The Social and Political Institutions of the Spartans.
7. "The fourteen years immediately following the Thirty Years' Truce are usually designated as The Years of Peace." Fully explain this statement.
8. Write short notes on any two of the following:
The First Triumvirate; The Reforms of Solon; The Achaean League; The Truceless War.

PHYSICS.—XII.

3 to 5 p. m., Wednesday, 25th June, 1913.

1. If a force of a pound's weight is exerted on a car weighing ten tons and moving without friction, what velocity would it have acquired at the end of an hour, and what would be its kinetic energy at that time?

2. Discuss harmonic motion. If a body is moving uniformly in a circle, what will be its apparent motion? How can harmonic motions be compounded?

3. Describe as fully as you can Foucault's experiment with a pendulum to show the rotation of the earth. How is the experiment affected by the latitude of the place at which it is carried out?

4. Define diffusion and osmose.

5. Given the formula $V = \sqrt{\frac{e}{d}}$ where V is the velocity of sound and e and d are the elasticity and density of the medium of transmission, show why sound travels more rapidly in both iron and hydrogen than in air. How is the velocity in air affected by the height above sea level and by temperature? Give the numerical calculation.

6. A leaden bullet of mass 56 grams strikes a target with a velocity of 300 metres per second. Its temperature is 16°C . If two-thirds of the energy of the blow is used in raising its temperature, determine its final temperature. (1 calorie = 4.16×10^7 ergs; specific heat of lead is 0.03).

7. What is meant by spherical aberration and by chromatic aberration? How are these corrected in lenses?

8. Describe either an electric motor or the telephone or wireless telegraphy, in a manner suitable to your grade.

ALGEBRA.—XII.

9 to 11 a. m., Thursday, 26th June, 1913.

1. (a) What number added to each of 11, 14, 15, 19 will produce four numbers in proportion?

(b) Prove that the arithmetic, geometric and harmonic means between any two numbers are themselves in geometrical progression.

2. Obtain in their simplest forms (a) the co-efficient of x^{26} in the expansion of $(2x-x^2)^{17}$ and (b) the fifth term of $(1-2x)^{-2}$.

3. Evaluate a if one root of $3x^2-7x+2a=0$ is three times the other.

4. Determine x if (a) $\log_2 x = 3$, (b) $\log_x 27 = 3$, (c) $\log_2 3 = x$.

5. In how many ways can 14 things be given to four persons, so that they may have 6, 3, 3 and 2 things respectively?

6. In how many years would 10 dollars amount to 30 dollars at 8% compound interest?

7. If α, β , are the roots of $3x^2-2x+2=0$ evaluate $\alpha^4+\beta^4$. Verify your result by actually finding the roots and adding their fourth powers.

8. Obtain a formula for calculating what one ought to pay to-day for an annuity of 100 dollars a year, to start a year hence and continue for 50 years, money being worth 5% per annum, compounded annually.

Note.—Where needed, candidates may use the following information:—
 $\log_{10} 2 = .30103$. $\log_{10} 3 = .47712$.

LATIN. (A.)—XII.

11 a. m., to 1 p. m., Thursday, 26th June, 1913.

1. Point out peculiarity in the conjugation of *confido*, *gaudeo*, *soleo*, *memini*, *dico*.
 Give the perfect participle of the following deponents:—*polliceor*, *vereor*, *for*, *hortor*, *sequor*, *metior*, *loquor*.
2. Explain combination of both main and subordinate clauses in the *Oratio Obliqua*.
 Give the rule for mood in dependent (indirect) questions. Give Latin for:—
 (a) He said that he knew the man who had killed the king. (b) He does not know who killed the King. (c) He promised to come.
3. Explain the different modes of expressing prohibitions in Latin. Give the ordinary Latin for: Be not a coward (*ignavus*).
4. Give rules explaining cases of italicized words in the following sentences:
 (1) *Obiit Claudio et Varrone consulibus*. (2) *Aedes sex talentis vendidit*.
 (3) *Parcit aliis, aliis minatur*. (4) *Mendaci homini non credimus*.
 (5) *Mavult redire Carthaginem*. (6) *Dicit me rus iturum*. (7) *Impero tibi ut tuis parentibus pareas*.
5. Translate into Latin:—(1) The woman for whom you were seeking is present. (2) The messengers spoke thus. (3) Letters were sent to the general at Veii. (4) What is more worthy of praise than virtue?
6. Translate into Latin:—(1) Men of the highest virtue never do such things. (2) He set out from Rome the next day. (3) Tell me what you think about these things. (4) I entreat (*oro*) you to do this.
7. Translate into Latin:—(1) I do not know whether he is good or bad. (2) I will be your help. (3) It is one thing to be praised; another, to have deserved praise. (4) At daybreak they crossed the river and took possession of the city.
8. Translate at sight: *Ea tempestate in exercitu nostro fuere complures novi atque nobiles, quibus divitiarum bono honestoque potiores erant, factiosi domi, potentes apud socios, clari magis quam honesti, qui Jugurthae non mediocrem animum pollicitando accendebant, si Micipsa rex occidisset, fore, uti solus imperio Numidiae potiretur; "in ipso maximam virtutem, Romae omnia venalia esse."*

BOTANY.—XII.

3 to 5 p. m., Thursday, 26th June, 1913.

1. Tell what you can about evergreens which do *not* belong to the coniferae; or discuss the methods and results of hybridization.
2. Discuss the social habits of plants, under the headings competition and invasion.

3. Discuss the minute structure of the leaf, *or* stem, *or* cone of the pine.
4. Describe any genus of rosaceae *or* leguminosae in such a way as to distinguish it from cognate genera, and give two or three species belonging to the genus described. (A description of the genus *pyrus* as distinguished from *crataegus* or even from *prunus* would be considered an answer to the question, and from this statement the candidate will see the principle involved).
5. Describe some division of the fungi, preferably the phanerozoetes.
6. What do you know about the circulation of nitrogen, nitrification and the fixation of nitrogen, as connected with the life of bacteria?
7. Discuss *any* order of the green algae.
8. Discuss the absorption and storage of food by the roots; *or*, give experiments on sap pressure.

LATIN. (B).—XII.

9 to 11 a. m., Friday, 27th June, 1913.

1. Translate:—*hac re statim Caesar per speculatores cognita, insidias veritus, quod qua de causa discederent nondum perspexerat, exercitum equitatumque castris continuit. prima luce, confirmata re ab exploratoribus, omnem equitatum qui novissimum agmen moraretur praemisit.*

Parse *veritus*. What enables Caesar to avoid use of the ablative absolute, which is used in the preceding clause. Account for mood of *discederent* and *moraretur*.

2. Translate:—*Itaque cum intellexeret, omnes fere Gallos novis rebus studere et ad bellum mobiliter celeriterque excitari, omnes autem homines natura libertati studere et condicionem servitutis odisse, priusquam plures civitates conspirarent, partiendum sibi ac latius distribuendum exercitum putavit.*
- Explain case of *rebus* and *libertati*.

Parse *odisse*. What is understood with *partiendum* and *distribuendum*?

3. Translate:—*Reliquum erat certamen positum in virtute, qua nostri milites facile superabant, atque eo magis, quod in conspectu Caesaris atque omnis exercitus res gerebatur, ut nullum paulo fortius factum latere posset; omnes enim colles ac loca superiora, unde erat propinquus despectus in mare, ab exercitu tenebantur.*

Explain cases of *qua* and *eo*.

Parse *latere*. Explain the comparative *fortius*.

4. Translate:—*Quibus rebus perturbatis nostris novitate pugnae tempore opportunissimo Caesar auxilium tulit: namque eius adventu hostes constiterunt, nostri se ex timore receperunt. Quo facto ad lacessendum et ad committendum proelium alienum esse tempus arbitratus suo se loco continuit et brevi tempore intermisso in castra legiones reduxit.*

Explain case of *novitate*. Are *lacessendum* and *committendum* gerunds or gerundives? Give reason for your answer.

5. Translate:—

adsensere omnes, et quae sibi quisque timebat, unius in miseri exitum conversa tulere. iamque dies infanda aderat; mihi sacra parari, et salsae fruges, et circum tempora vittae. eripui, fateor, leto me, et vincula rupi; limosoque lacu per noctem obscurus in ulva delitui, dum vela darent, si forte dedissent.

Parse *adsensere* and *tulere* and write a note on the *form* of the words. Explain mood of *parari* and parse *delitui*.

6. Translate:—

'non tali auxilio, nec defensoribus istis
tempus eget: non, si ipse meus nunc adforet Hector.
huc tandem concede; haec ara tuebitur omnes,
aut moriere simul.' sic ore effata recepit
ad sese, et sacra longaeum in sede locavit.

Explain case of *auxilio* and *parse moriere*.

7. Translate:—'quid miserum, Aenea, laceras? iam parce sepulto,
parce pias scelerare manus; non me tibi Troia
externum tulit, aut cruor hic de stipite manat.
heu fuge crudeles terras, fuge litus avarum.
nam Polydorus ego; hic confixum ferrea textit
telorum seges et iaculis increvit acutis.'

Explain case of *sepulto*. *Parse textit* and *increvit*.

8. Translate:—

hic tibi ne qua morae fuerint dispendia tanti,
quamvis increpitent socii et vi cursus in altum
vela vocet possisque sinus implere secundos,
quin adeas vatem precibusque oracula poscas
ipsa canat, vocemque volens atque ora resolvat.

Explain the cases of *morae* and *tanti*. What is understood between *poscas* and *canat*?

Parse ipsa.

ENGLISH (b).—XII.

11 a. m., to 1 p. m., Friday, 27th June, 1913.

1. Show, by examples from "The Merchant of Venice," some of the points of difference between Shakespearean grammar and that of the present day.
2. Describe the scene between Portia and the Prince of Arragon. (Act I. Scene 9.)
3. By whom, and under what circumstances were the following excerpts spoken? Explain the words in italics:—
 - (a) "He hears merry tales and smiles not; I fear he will prove the *weeping philosopher* when he grows old."
 - (b) "Yet his means are *in supposition*."
 - (c) "Sweet, adieu! I'll keep my oath. Patiently to bear my *wroth*."
 - (d) "I speak too long; but 'tis to *peize* the time, To eke it, and to draw it out in length?"
 - (e) "You stand *within his danger*, do you not?"
4. What do you consider the chief characteristics of the poetry of Dryden, Herrick, and Marvell? Illustrate your answer by quotations.
5. Name the author, and the poem from which each of the following passages is taken:—
 - (a) "The glories of our blood and state
Are shadows, not substantial things;
There is no armour against fate;
Death lays his icy hand on kings."

- (b) "Ah Chloris, could I now but sit
As unconcerned as when
Your infant beauty could beget
No happiness or pain."
- (c) "Jack and Joan, they think no ill,
But loving live, and merry still;
Do their week-day's work, and pray
Devoutly on the holy-day."
- (d) Stone walls do not a prison make,
Nor iron bars a cage."

6. Give a summary of Emerson's essay on "Politics."

7. What, according to Emerson, should be the influence of the past, or the past expressed in books, upon the scholar? What are the dangers from that influence?

8. Give the substance of any one of the lectures in Thackeray's "English Humorists."

Note.—*In valuing the answers to question "eight," special attention will be paid to quality of composition.*

TRIGONOMETRY.—XII.

3 to 5 p. m., Friday, 27th June, 1913.

1. Prove the identity: $\cos. (A - B) = \cos. A \cos. B + \sin. A \sin. B$, and by using it, find the numerical value of $\cos. 15^\circ$.

2. Find value of $\tan. 2A$ in terms of $\tan. A$; and find the numerical value of $\tan. 22\frac{1}{2}^\circ$ from $\tan. 45^\circ$.

3. One angle of a triangle is 45° , another is 1.5 radians; Find the third, both in degrees and radians.

4. At noon, a column, situated on a horizontal plane, lies in the direction E S E from an observer, and casts a shadow, the extremity of which is in the direction N E from him. The elevation of the column is 45° , and the length of the shadow 80 feet. Determine the height of the column.

5. What measurements must be made by an observer on shore, to find the distance between two buoys, and show how the distance is trigonometrically obtained.

6. Given two sides of a spherical triangle and their included angle, construct it.

7. State Napier's rules for solving right-angled spherical triangles, and tabulate the various fundamental relations of such triangles which they embrace.

8. In an oblique spherical triangle, given two sides and an angle opposite one of them, show how you would find the remaining parts. Is more than one solution possible? If so, why?

GERMAN.—XII.

9 to 11 a. m., Monday, 30th June, 1913.

- I. (a) Translate:—Am sechszwanzigsten Früh wurden wir durch den Schreckensruf des wachhabenden Matrosen geweckt. "Wir treiben auf Land, eine Insel dicht vor uns. Allgemeine Bestürzung; alles lief hinaus. Die Luft war nicht klar, doch konnten wir auf eine Entfernung von drei Seemeilen eine dunkle Masse erkennen; die uns als Insel erschien.

(b) *des wachhabenden Matrosen.* This typical German construction may be avoided by turning the attributive adjective into a relative clause in German. Do it.

(c) Translate:—At such a distance I cannot recognize it.

2. (a) Translate:—In seinem Fieber phantasierte Juan von allerlei schrecklichen Dingen; wie er *hinuntergestürzt sei*, tief, tief hinunter, und lange bewusstlos *gelegen habe*, wie er endlich wieder zu sich *gekommen sei* und *umhergetappt habe* um zu erfahren wo er *sei*, und wie er alsdann *gefunden habe*, dasz er sich nicht allein *befinde*, sondern dasz neben ihm auf einem Stein eine schöne Dame *sitze*, in einem seidenen Kleide, aber mit einem Knochengesicht.

(b) Explain the use of the subjunctive (in Italics).

(c) Translate:—He said that he *had* not *seen* him.

(d) Translate:—I thought you were in New York.

3. Translate:—(a) Sieben Stunden *brauchte* er zu diesem Wege, den man auf zwei und eine halbe Stunde *schätzt*. Um zehn Uhr abends *kam er an*. Bis Speckbachers Bein eingerenkt war, tagte es.

(b) Explain the positions of the verbs in Italics.

(c) Write in German a principal clause, followed by a relative clause.

(d) Write in German a principal clause, followed by a dependent clause beginning with any subordinating conjunction.

(e) Translate:—He asked where your brother's house was.

4. (a) Translate (*Wilh. Tell.*):—Es lächelt der See, er ladet zum Bade,
Der Knabe schlief ein am grünen Gestade,
Da hört er ein Klingen,
Wie Flöten so süsz,
Wie Stimmen der Engel
Im Paradies.
Und wie er erwachet in seliger Lust,
Da spülen die Wasser ihm um die Brust,
Und es ruft aus den Tiefen:
Lieb Knabe, bist mein!
Ich locke den Schläfer
Ich zieh ihn herein.

(b) "um die Brust." Why do the Germans often replace the English possessive adjective by the def. article?

(c) Translate:—He put (stecken) his hands in his pockets. He broke his arm.

5. (a) Translate:—

Walther: Gibt's Länder, Vater, no nicht Berge sind?

Tell: Wenn man hinunter steigt, den Strömen nach,
Gelangt man in ein groszes, ebnes Land,
Wo die Waldwasser nicht mehr brausend schäumen,
Die Flüsse ruhig und gemächlich ziehn;
Da sieht man frei nach allen Himmelsräumen,
Das Korn wächst dort in langen schönen Auen,
Und wie ein Garten ist das Land zu schauen.

(b) Translate:—Are there such countries? Is there such a country?

(c) Translat (imitate construction above):— Follow the river.

- (d) Answer: Wie heizen die vier Himmels-Richtungen in Deutsch?
6. Translate:—(a) How long have you been learning German? (Write the answer in German).
- (b) It is to be hoped. Es ist sehr zu wünschen.
- (c) His father desired him to come home.
- (d) Have my brother called, we must go home, it is getting late.

GREEK (a).—XII.

11 a. m., to 1 p. m., Monday, 30th June, 1913.

1. Decline together: ἦδε ἡ θάλασσα, αὐτὴ ἡ γυνή, μέγας βασιλεύς.
Give the other degrees of: μάλα, εὖ, ἀσφαλές, πλείον, ταχύ, ἐλάττων.
2. Point out peculiarity in the formation of aorist active of δίδωμι, ἴημι, and τίθημι. Also peculiarities in the formation of the future and aorist (active and middle) of liquid verbs. Distinguish between νέμω and νεμῶ, and conjugate both tenses.
3. Give Greek equivalents of words italicized in the following sentences: We made Cyrus *commander*. The enemy marched off *at daybreak*. The fight will take place *this very day*. The soldiers asked *the generals for shields*. When they heard *this* (plural), they were angry *at Xenophon*. They heard *a noise* going along the ranks.
4. Translate into Greek the following sentences. (N. B. ἀμαρτάνω, ἀμαρτήσομαι, ἡμαρτον, ἡμάρτηκα, to be mistaken.)
- (1) If he is saying this, he is mistaken.
- (2) If he had said this, he would have been mistaken.
- (3) If he shall say this, he will be mistaken.
- (4) If he should say this, he would be mistaken.
5. Translate into Greek: (1) He has the half of the army. (2) He read the letter and gave it to Cyrus. (3) And now, said he, let us not wait, O men. (4) There there was a large deserted city, Larissa by name.
6. Translate into Greek: (1) At daybreak he sent heralds concerning a truce. (2) They anticipate the enemy in crossing the river. (3) They came to a river four plethra in breadth. (4) We are not able to capture this stronghold.
7. Translate into Greek: (1) The satrap said that Cyrus had plotted against the king. (2) Clearchus hears that the king is beyond the left wing. (3) I shall report this to the king. (4) Tissaphernes first spoke as follows through an interpreter.
8. Translate at sight: εἰ γὰρ ἤδη ἐκφανέντες¹ πορευσόμεθα ὡς σὺ κελεύεις, νῦν προϊόντας ἡμᾶς οἱ πολέμοι θεάσονται οὐδὲν φοβούμενοι, εἰδότες ὅτι ἐν ἀσφαλῆ εἰσιν. ἐπειδὴν δὲ μηδὲν ποιήσαντες ἀπίωμεν, πάλιν καθορῶντες ἡμῶν τὸ πλήθος πολὺ ἐνδείστερον² τοῦ ἐαυτῶν καταφρονήσουσι, καὶ αὐριον ἐξίασι πολὺ ἐρρωμενεστέρας³ ταῖς γνώμαις.

¹ ἐκφαίνομαι, to come into full view. ² inferior to. ³ From ἐρρωμένος, part. adj. = strong

CHEMISTRY.—XII.

3 to 5 p. m., Monday, 30th June, 1913.

1. Copper oxide contains 78.85% of copper and 20.15% of oxygen; chlorine monoxide contains 81.61% of chlorine and 18.39% of oxygen. If the standard weight of oxygen is taken as 10, what would be the standard weight of copper and of chlorine? Would these standard weights suit for the representation of copper chloride which contains 47.21% of copper and 52.79% of chlorine? If so, prove it. (This illustrates what Smith calls "the law of combining weights," what is sometimes called "the law of reciprocal proportions.")
2. What division can be made of different metals with regard to the formation of hydrogen from water by their means? Give methods for preparing hydrogen, and an experiment illustrating the diffusion of hydrogen.
3. What experiments would give the atomic weight of chlorine?
4. Why was fluorine so long undiscovered? How can it be produced? What are its properties?
5. How is hydrogen peroxide prepared? What are its properties? What is its action on lead sulphide, on silver oxide, and on a solution of potassium permanganate containing sulphuric acid?
6. What is meant by ionization? Show in what way chemical activity is connected with ionization.
7. Sulphuretted hydrogen may reduce sulphur dioxide, aqueous solution of iodine, and potassium chromate in acid solution. Give equations representing the reactions. Give any other reactions with sulphuretted hydrogen.
8. Discuss the theory of precipitation, *or*, the arsenic group, *or*, any general question not already discussed on which you can write a fifteen minute essay suitable to your grade.

TEACHERS' MINIMUM PROFESSIONAL QUALIFICATION EXAMINATION.

For Syllabus See pages 151 and 152 of the Manual of School Law, 1911

M. P. Q.

SCHOOL LAW AND FORMS.

9.00 to 10.00 a. m., Saturday, 28th June, 1913.

1. What is the duty of the teacher (a) when engaged to teach, (b) when the school is opened, (c) when the school is closed on a prescribed teaching day?
2. Name the three distinct terms used in the "Public School Program." and define them, *or* summarize the regulations concerning Rural School Gardens.
3. Name the special school days in the schools of Nova Scotia. How should Arbor Day and Empire Day be observed?
4. Give in substance the general prescriptions concerning one of the following: (a) Nature Studies (in the early grades), (b) Good manners, (c) Physical Drill.
5. Summarize the regulations concerning cleanliness and health of the school.

THEORY AND PRACTISE OF TEACHING.**10.10 to 11.10 a. m., Saturday, 28th June, 1913.**

1. Write notes of a lesson suited to any class, on one of the following subjects: (a) home geography, (b) a local industry, (c) a brook, or (d) the value of neat and clean school premises.
2. Under what modified forms, if any, and in what grades would you introduce Manual Training in the rural school?
3. Write notes on a lesson, indicating the value of a school garden, (a) to the school, (b) to the section.
4. Indicate your method of teaching a lesson to a primary grade, on one of the following subjects: (a) Drawing, (b) Singing, or (c) Reading.
5. Write notes of a lesson to a primary grade on one of the following subjects: (a) Arithmetic, (b) Nature Study, or (c) Patriotism.

HYGIENE AND TEMPERANCE.**11.20 to 12.20 a. m., Saturday, 28th June, 1913.***(Only five questions to be answered).*

1. State briefly the chief benefits to the individual and to society, of a thorough knowledge of hygiene and of the enforcement of hygienic laws.
2. What are the essentials of an ideal school-room, as to shape, size, light and ventilation?
3. Give the words of command for six of the most health-producing physical exercises available in a common school-room.
4. Give some directions for testing the eyesight of pupils.
5. How much home work should teachers demand from their pupils of different ages? Give reasons for your opinions.
6. What are the symptoms of adenoids? or Discuss the problem of dust in the school-room.
7. In what respects would social conditions be improved by a well-administered law prohibiting the use of alcoholic liquors as beverages? or, what social evils are produced by intemperance?

SCHOOL MANAGEMENT.**2 to 3 p. m., Saturday, 28th June, 1913.**

1. What kind of books would you select for a school library? How could they be used to best advantage?
2. Describe the best method of teaching Geography. With what other studies should it be correlated?
3. Point out some respects in which child nature is apt to be violated by school rules.
4. What kinds of knowledge should be learned by heart? In what subjects would special emphasis on verbal memory be injurious?

5. How would you guard against the dangers of the lecturing or expository system of teaching?
6. If the English language had a rational system of spelling what would be the best system of teaching reading? In the present circumstances what is the best plan?
7. What are some of the most effective methods of ensuring regularity and punctuality of attendance?

HISTORY OF EDUCATION.

3.10 to 4.10 p. m., Saturday, 28th June, 1913.

(Five questions *only* to be answered).

1. State briefly the leading characteristics (a) of Oriental, or (b) of Greek education.
2. Give a concise outline of the teachings of one of the following: Socrates, Plato, or Aristotle.
3. Scholasticism; Give the substance under any two of the following heads Nature, purpose, contents, method, development.
4. Discuss Bacon under the following heads: Date, inductive method, subject matter, his place in education.
5. What was the naturalistic tendency in education? Give the names of any writers under this system.
6. State the author's view concerning one of the following: The current educational tendencies, the industrial tendency, or the permanent problem in education.

PEDAGOGY.

4.20 to 5.20 p. m., Saturday, 28th June, 1913.

1. What is meant by *inductive reasoning*? By *deductive reasoning*? Give examples of each.
2. What are the three stages in the development of the child? Give some of the characteristics of the *formative* stage.
3. Show some of the advantages of judgments derived from the *method of development* as compared with those derived from the *method of instruction*.
4. State a few of the ultimate aims of education. Which is the most important?
5. What is meant by social efficiency?
6. What is the value of cheerfulness as a factor in the educative process?
7. Give some principles and suggestions applicable to the question-and-answer method.

PASS LIST, 1913.

COUNTY ACADEMY ENTRANCE EXAMINATION.

[*Regular Examination in June, Supplementary in August or September on subjects of the Common School Course.*]

[*The valuations of candidates' examination papers, under the regulations of the C. P. I., and instructions from The Education Department, are made by the Principal and the staff of each County Academy.*]

Academy.	No. of Candidates.	Passed.
Annapolis.....	21.....	18
Antigonish.....	46.....	17
Cape Breton.....	145.....	82
Colchester.....	96.....	58
Cumberland.....	107.....	60
Digby.....	15.....	11
Guysboro.....	13.....	5
Halifax.....	303.....	247
Hants.....	48.....	18
Inverness.....	6.....	6
Kings.....	26.....	20
Lunenburg.....	46.....	38
Pictou.....	22.....	21
Queens.....	20.....	15
Richmond.....	11.....	0
Shelburne.....	17.....	13
Victoria.....	14.....	6
Yarmouth.....	123.....	38

PASS LIST, 1913.

PROVINCIAL HIGH SCHOOL EXAMINATIONS.

[The *valuation* of Candidate's examination papers is made by the Provincial Examiners, according to the Regulations of the Council of Public Instruction, of which the following are the most important.]

Reg. 223. (2) Generally the "High School Pass" in all grades shall be an average of 50 per cent. with no mark below 30 per cent. on a group of six *subjects* for Grades IX, X and XI; and a group of nine papers with no *subject* below 30 per cent. for Grade XII.

(3) Generally the "Teacher's Pass" shall be an average of 60 per cent. on a group of six *subjects* in Grades IX, X and XI, and on a group of nine papers for Grade XII with no subject below 40 per cent. 50 per cent. however must be made on *English* in each grade for a "Teacher's Pass."

(4) Candidates may write on more than the six subjects or nine papers indicated in (2) and (3). In such cases the "pass" shall be determined by the group including the *highest* six subjects or the *highest* nine papers, as the case may be.

Reg. 103. (a) Candidates failing to make a High School Pass in the grade applied for shall be ranked as making a High School Pass in the next grade below, provided an average of 40 per cent. with no subject below 25 be made; and as making a pass on the grade second below, provided an average of 30 per cent. be made.

(b) Candidates failing to make a Teacher's Pass in the grade applied for shall be ranked as making a Teacher's Pass in the next grade below, provided an average of 50 per cent. be made with no subject below 30; and as making a Teacher's Pass on the grade second below, provided an average of 40 per cent. be made.

ADVOCATE—(24 candidates).

XI. (5 candidates).

Ena May MacAleese

X. (7 candidates).

Elvie Leona Rector

IX. (9 candidates).

Eleanor Emily Morris (IX on XI).

Eva Lillian Knowlton (IX on XI).

Ella Corinne Spicer (IX on XI).

Mabel Iola Cameron (IX on XI).

Evelyn Lewis Crossman.

Supplementary (3 Candidates).

Unsuccessful, (XI, 0; X, 6; IX, 8).

AMHERST—(151 candidates).

XI. (29 candidates).

Marjorie Boss.

Earnest Burgess Brundage.

Laura Marion Harrison.

Louisa Vaughn Brownell.

Hattie Le Etta Davidson.

Walter Bertram Morehouse.

Catherine Amelia Black.

Georgina Elizabeth Chapman.

Gladys Muriel Rockwell.

Anna Amelia Coates.

Ida Mary Dickinson.

Beresford Arthur McKim.

Vincent Ripley.

Amy Kathleen Todd Allen.

Nettie May Smith.

Frank Tilton Rose.

Hazel Dell Coates.

X. (49 candidates).

Carrie Martha Coates. (X on XI).
 Gladys Mae Schurman. (X on XI).
 Helen Louise Clark. (X on XI).
 Etta Marie Brownell. (X on XI).
 Freida Ruth Hatherly. (X on XI).
 Katherine Orvesta McKim.
 Wallace Graham Sutherland.
 Hilda Gladys McCaughey.
 Jessie Cordelia Brownell
 Drew Reid Kelley.
 Anna Florence Smith.
 Bessie Sabina Fillmore.
 Donald Cameron.
 Bertha May Smith.
 Harriet Isabel MacLeod.
 Marjorie Alma Chapman.
 Gladys Mary Trerice.
 Ada Marion McCabe.
 Gussie Clare Higgs.
 Ethel Spencer Jones.
 Janet Margaret Boss.
 Ollie Keilor MacLean.
 Beryl Blanche Mitchell.
 Helena Mary O'Neil.
 Stanley Oscar Bayenton.
 Leonard Benjamin Gray.
 Alister Brunswick Clark.
 Edna Elizabeth Blenkhorne.
 Louise Flint Prestwood.
 Laura Elizabeth Atkinson.
 Erica Aurlea Lowerison.
 Carrie Alma Boss.
 Leona Victoria Hennessey.

IX. (71 candidates).

Nellie Chandler (IX on XI).
 Maud Aletta Wood (IX on XI).
 Raymond Jonathan Lipley (IX on XI).
 Harold Sinclair Black (IX on XI).
 Bessie Marie Smith (IX on XI).
 Dorothy Lawson Fowler (IX on XI).
 Ida Myrtle Slack (IX on X).
 Catherine Alex. Davidson (IX on X).
 Stephen Carman Bird (IX on X).
 Alice Jean McCabe (IX on X).
 Minnie Floretta Embree (IX on X).
 Mabel Rosa Smith (IX on X).
 Mary Winnifred Craig (IX on X).
 Ida May Blenkhorn (IX on X).
 Bessie Mae Shipley (IX on X).
 Grace Elizabeth Greenough (IX on X).
 Lottie Myrtle Smith.
 David Jones.
 Alice Rebecca Black.
 Marjorie Jean MacLeod.
 Hilda Lockwood.
 Robert Alexander MacKinlay..
 Emelyn Jean Lusby.
 Marion Isabel Smith.
 Douglas Burton Carty.
 Frank Leo Blanche.
 Dorothy McLeod Christie.
 Ada Hazel Peel.

Ila Pearl Jackson.
 Miriam Carter.
 Irene Eliza Harrison.
 Joseph Dennis Collins.
 Vera Laura McLellan.
 George Gesner Reed.
 William Gordon McLeod.
 Ralphe Austin Langille.
 Elinor Selig.
 Evelyn Gordon Chapman.
 Percy Chapman.
 Olga Retta Beaton.
 Gertrude Eva Doyle.
 Laura May Gilroy.
 Muriel Curtis Secord.
 George Marven Smith.
 Evelyn Verlie Marie Chapman.
 Lillian Bell Ripley.
 Francis Alice Quigley.
 Mary Isabella O'Brien.
 Garnet Hamilton Wigle.
 Elsie Jean Forrest.
 Dorothy Hickey.
 Dora Ella Amelia Berkhorn.
 Francis Casey.
 Ernest Hennessey Ormond.
 Cyril Edmond Ratchford.
 Stella Eloise Freeman.
 Margaret Elizabeth Archibald.
 Audrey Grace Jones.
 Lillie May Lowther.
 Robert Thomas Trueman.
 Almira Ellen Wood.

Supplementary (2. Candidates)

Unsuccessful, (XI, 1; X, 11; IX, 27):-

ANNAPOLIS—(73 candidates).

XII. (1 Candidate).

Ada Maria Woodbury.

XI. (13 candidates).

Joseph Wilfred Davis.
 Birdie Geneva Miller.
 Robie Cleveland Gilliatt.
 Marjorie Gordon Runciman.
 Edith Esther Clark.
 Annie Adelia Bezanson.
 Vera Marguerite Langille.
 Kathleen Cutler How.
 Cassy Beatrice Crowe.
 Ruby Alma Wood.

X. (16 candidates).

Daphne Louise King (X on XI).
 Beulah McBride (X on XI).
 Clyda Annie Germain
 Harlod Clifford Harnish
 Sadie Pearl Oickle.
 Pearl Naomi McFadden.
 Carroll Rudolph Gilliatt.

IX. (42 candidates).

Robert Shannon Tanch (IX on XI).
 Alice Evelyn McCulloch (IX on X).
 Freda K. Bishop (IX on X).
 Freda Marion Rice (IX on X).
 Ruth Castello Baxter (IX on X).
 Nettie Ernestine Caswell (
 Hilda Laura Hardy.
 Frank Ross Wood.
 Alfred Whitman Shaw.
 Evelyn Belle Apt.
 Margaret Beatrice Starr Parker.
 Josie Glendean Buckler.
 Helen May Randall.
 LeRoy George Farnsworth.
 Edith Helen Fox.
 Harold Victor Corkum.
 Annie Elizabeth Goldsmith.
 Ruth Mae Burnie.
 Earle Edwin Armstrong.
 Dorothy Louise LeCoin.
 Charles Edward McClafferty.
 Edith Eliza Hardwicke.

Supplementary, (1. candidate).

Unsuccessful, (XII, 0; XI, 0; X, 6; IX, 25).

ANTIGONISH—(235 candidates).

XII. (12 candidates).

Loretta MacDonald.
 Aileen Mansfield Harley.
 Jennie Cameron.

XI. (31 candidates).

Mary Janet Chisholm (XI on XII).
 Margaret Wilmot (XI on XII).
 Jessie Chisholm (XI on XII).
 Archie Leslie Wilkie (XI on XII).
 Annie Margaret McDonald (XI on XII).
 Mary Ann McKinnon (XI on XII).
 Dan Murdock McNeil.
 Mary Margaret MacDonald.
 Alma Lorana Sweet.
 John Alex McLean.
 Jessie Anna Cameron.
 Angus Alexander MacDonald.
 Elizabeth Agnes Tobin.
 Annie Teresa Cameron.
 Catherine Theresa McGillivray.
 Margaret Oulton Dewar.
 William Joseph McDonald.
 Alexander MacDonald.
 Vivien Viola Meech.
 Margaret Smith.
 Mary Catherine McDonald.
 Mary M. McGillivray.
 Carrie Agnes MacDonnell.
 Mary Cameron.
 Alexander Campbell.
 Margaret Florence MacDonald.

Daniel A. MacDonald.
 Flora Kate MacDonald.
 Janet Elsie MacIntosh.

X. (74 candidates).

Georgina Vivien Costello (X on XII).
 John Cameron Somers (X on XII).
 Sara Josephine MacDonald (X on XII).
 Mary MacDonald (X on XI).
 Peter McIsaac (X on XI).
 Mary C. H. Chisholm (X on XI).
 Catherine M. McDonald (X on XI).
 Mary Ita MacDonald (X on XI).
 John Ignatius McNeil (X on XI).
 Margaret MacIsaac
 Florence Catherine Dunn.
 Margaret Jean MacDonald.
 Eva R. MacNeil.
 Evelyn Quinn.
 Grace Mary Galvin.
 James Arthur Murphy.
 Eileen McKinnon.
 Margaret Mary McDonald.
 Catherine Chisholm.
 Florence Katherine DeCoste.
 Alexander Joseph MacIsaac.
 Vernie I. MacDonald.
 Rebecca MacLean.
 Marion Seaman.
 Harold Stephen Henessy.
 Mary Margaret Cameron.
 Catherine McDonald.
 Mary MacIsaac.
 Annie Bell MacDonald.
 Alice Floyd.
 George Peter MacIntosh.
 Mary Catherine MacDonald.
 M. Mildred McPherson.
 Harriet Florence MacDonald.

IX. (117 candidates).

Annie Laurie MacDonald (IX on XI).
 Dannie Campbell (IX on XI).
 Margaret Jean MacDonald (IX on XI).
 Mary P. MacNaughton (IX on X).
 Evelyn Frances Dunlap (IX on X).
 Alice O'Brien (IX on X).
 Florence M. McIsaac (IX on X).
 Hugh Roderick McLean (IX on X).
 Mary Charlena. Campbell (IX on X).
 Mary Patricia Chisholm (IX on X).
 Annie McKinnon (IX on X).
 Catherine Lee (IX on X).
 Mary Jane MacIsaac (IX on X).
 Catherine Boyce (IX on X).
 Katherine MacDonald (IX on X).
 Mary McAdam (IX on X).
 Sara MacGillivray (IX on X).
 Hannah K. Hogan (IX on X).
 Margaret Fraser (IX on X).
 Beatrice Burgess (IX on X).
 Willie Archie MacDonald (IX on X).
 Mary Bernadette Webb. (IX on X).
 Allan Charles Cameron (IX on X).

Peter MacDonald (IX on X).
 Alice Roberts (IX on X).
 Rose Salina King (IX on X).
 Eunice McGillivray (IX on X).
 Eva Cameron (IX on X).
 Mary Bell Cameron (IX on X).
 Louise Annie McIsaac (IX on X).
 Courtney Foster.
 Margaret Mary MacDonald.
 Anthony Trohsulsee.
 Mary Cecelia Donovan.
 Sadie McGillivray.
 Margaret Elizabeth McDaniel.
 Mary Ann MacNeil.
 James W. Chisholm.
 Norman Gilpin Millidge.
 Anna Teresa Stuart.
 John James Brown.
 Alexander MacDonald.
 Catherine Annie Beaton.
 Paul McNeil.
 Annie Bell McDonald.
 Mabel Christine Nichols.
 Mary Hanrahan.
 Adelaide Rogers.
 Mary McNeil.
 Mary Josephine McDaniel.
 Alexander Francis MacDonald.
 Katie Ann McPherson.
 John A. McDougall.
 Katherine MacDonald.
 Joseph Webb.
 Rose Carter.
 Mary Catherine Gillis.
 Ruperta Elizabeth Cunningham.
 Mary Jane Fraser.
 Willie DeCoste.
 Florence Anastasia Miller.
 Basil O'Brien.
 Katherine Anna McPherson.
 Gertrude Marie Graham.
 Theresa Jane Broussard.
 Mary Agnes Chisholm.
 Dan Ignatius McLean.
 Mary Forbes Anderson.

Supplementary, (2 candidates).
 Unsuccessful, (XII, 0; XI, 0; X, 20;
 IX, 78).

ARICHAT—(45 candidates).

XII. (2 candidates).

Yvonne LeBlanc.

XI. (8 candidates).

Jeanne Boudreau.
 Mary Eugenie Richards.
 Bernard J. Boudreau.
 Mary Edna Samson.
 Martha Hilda MacNeil.
 Lillian Frances MacNeil.
 Annie C. Joyce.

X. (9 candidates).

Joseph Michael White (X on XII).
 Mabel Theresa Kennedy (X on XI).
 Jessie MacDonald.
 Victoria Adelaide Wells.
 Raymond De Roche.
 Raymond Gagnon.
 Zenobia Petitpas.
 Earnest Francis LeBlanc.

IX. (23 candidates).

Annie Poirier. (IX on X).
 Jeffry Duncan LeBlanc (IX on X).
 Charles A. Herbin
 Mary Maud Elgiva Shannon.
 Helen Walsh.
 Mary Helen Atchison.
 Marie Evangeline LeBlanc.
 Ida Jane LeLacheur.
 Minnie Jane Gerard.
 Corinne Poirier.
 Aline Euphemia Boudreau.
 Corinne LeBlanc.
 Clara Jane Sampson.
 Marie Irene Levandier.
 Eliza Eva Kehoe.
 Christina Isabella Mauger.

Supplementary, (3 candidates).

Unsuccessful, (XII, 0; XI, 0; X, 1; IX,
 9).

BADDECK—(98 candidates).

XI. (25 candidates).

Munroe MacLeod.
 Mabel Garfield Anderson.
 Dorothy Margaret Crowdis.
 Neil Alexander McLeod.
 Christina Elizabeth MacRae.
 Agnes May Mackay.
 John Neil MacNeil.
 Winnifred Barbara MacNeil.
 John Donald MacLeod.
 Christina Annie MacKenzie.
 Johanna Margaret McMillan.
 Angus Finlay MacLeod.

X. (34 candidates).

Helen Annie Matheson (X on XI).
 Dollie Christie MacDonald (X on XI).
 Dan John MacLeod (X on XI).
 Robert Kennie Watson.
 Jessie Macrae.
 Katherine J. Nicholson.
 Christena MacIver.

IX. (37 candidates).

Annie Ella Rice (IX on XI).
 Anabel Macaskill (IX on XI).

Mary Christena MacIver (IX on XI).
 Murdoch John McRae (IX on XI).
 James Archibald Anderson (IX on XI).
 Donald John MacDonald (IX on XI).
 Catherine MacKay (IX on XI).
 Jessie Margaret MacKenzie (IX on XI).
 Jessie Ellen MacDonald (IX on XI).
 Isabel Catherine MacLeod (IX on XI).
 Roddie Angus Morrison (IX on X).
 Murdoch Angus McMillan (IX on X).
 Bennie McAskill. (IX on X).
 Tena Agnes Buchanan (IX on X).
 Rhoda Jessie McKenzie (IX on X).
 Roderick William Manuel (IX on X).
 Annie MacLeod.
 Dan Gordon Matheson.
 MacDougal MacAulay.
 Christena May MacKeigan.
 Elizabeth Victoria MacAskill.
 Georgina May MacLeod.
 Herbert Kitchener MacCharles.
 Christy Catherine Nicholson.
 Mary Catherine MacIntosh.
 Roderick Donald MacLean.

Supplementary, (2 candidates).

Unsuccessful, (XI, 0; X, 24; IX, 27).

BARRINGTON—(39 Candidates).

XI. (10 candidates).

Sara Beatrice Crowell.
 Hazel Hildreth Smith.
 William Roy Wentzel.
 John Randall Brannen.
 Ruby Helen Snow.
 Mary Wentzell Pike.

X. (7 candidates).

Gladys Belle Crowell (X on XI).
 Hilda Pearl Snowe.
 Annis Katherine Hamilton.

IX. (20 candidates).

Nora Ethelyn Smith (IX on XI).
 Deborah Ingles Smith (IX on XI).
 Frank Lionel Christie (IX on XI).
 Lloyd James Wilson
 Prudence Dickie Brannen.
 Ada May Smith.
 Annie Blanche Wilson.
 Edna Larkin Smith.
 Elva Maude Swimm.
 Elinor Marie Perry.
 Hilda Pearl Smith.
 Bertha Maria Goodwin.

Supplementary, (2. candidates).

Unsuccessful, (XI, 0; X, 5; IX, 11).

BEAR RIVER—(33 candidates).

XI. (7 candidates).

Helen Lucy Spinney.
 Lena Belle Wright.
 Clifford Gordon Copeland.
 Dorothy Johnstone Lovett.
 Florence Musgrave Berry.
 Ida Wallace Clarke.
 William Morris Jones.

X.—(9 Candidates).

Edward Thorne McArthur Morgan.
 Morley Craig Wright.
 Carrol Eugene Clarke.
 Eleanor Payson Harris.

IX.—(16 Candidates).

Stuart Ruggles Read (IX on X).
 Alfred Vanbeurn Banks (IX on X).
 Lawrence Soullis Cossitt.
 Viola Vivian Haines.
 Frances Pearle Campbell.
 Leslie Francis Anthony.
 Dennis Basil Wright.
 Douglas Bonell Jones.
 Paul Douglas Nicholl.

Supplementary, (1 Candidate).

Unsuccessful, (XI, 0; X, 3; IX, 9.)

BERWICK—(64 Candidates).

XI. (18 Candidates).

Mildred Almira Butler.
 Kathryn Holmes Marsters.
 Emelyn Morse Marsters.
 Edna Gladys Elliott.
 Flora Myra Woollard.
 Charlotte Elizabeth Saunders.
 Cora May Munro.
 Florence Beatrice Holland.
 Marjorie Louise Barteaux.

X. (20 Candidates).

Mable Jeanie Lyons (X on XI).
 Francis John Franey (X on XI).
 Marjorie Leslie Welsh (X on XI).
 Julia Marguerite Morton (X on XI).
 Bessie Vonetta Spinney (X on XI).
 Minerva May Hudgins (X on XI).
 Hazel Grace Turner (X on XI).
 Dorothy Marguerite Morse.
 Alice Elizabeth Bryden.
 Florence Ruth Webster.
 Czerney LeBaron Morgan.
 Lavinia Mable Webster.
 Hilda May Douglas.
 Amy Kathleen Illsley.
 Hazel Marie Burbidge.

Beatrice Annie Saunders.
Lester James Marshall.
Louva Geneva Huntley.
Bertha Grizilda McNeill.

IX. (23 Candidates).

Hazel Avora Clarke (IX on XI).
Sarah Elizabeth Beach (IX on XI).
Hilda May Bishop (IX on X).
Charles Sheldon Webster (IX on X).
Elmer Keith Mahar.
Nilda Almira Pelton.
Laura Josephine Mapplebeck.
Jean Ethel Wollard.
Alma Elizabeth Algel.
Dorothy Frances Alcorn.
Blanche Marie Beardsley.
Gertrude Algel.
Lillian Winifred Ilsley.
Lula Grace Kinsman.

Supplementary, (3 candidates).

Unsuccessful, (XI, 2; X, 6; IX, 14).

BRIDGETOWN—(102 candidates)

XI. (20 candidates).

Ronald Stewart Longley.
Mary Evangeline Longley.
Grace Viola Tompkins.
Myrtle Olive Wambolt.
Alfred Oliver Foster.
Agnès Mae Hall.
George Frederick Polfrey.
Edna Pauline Lake.
Mable Vivian Phinney.
Ivy Isabel Minnie Tosh.
Lena May Jackson.
Vera Mildred Poole.

X. (36 candidates).

Mary Emeline Goodwin (X on XI).
Mary Marshall (X on XI).
Mary Etta Balcome (X on XI).
Edith Larene Durling (X on XI).
James Llewelyn Bowlby.
Louise Shepard Longley.
Eric Gordon Longley.
Nellie Marie Buckler.
William Lawrence Bowlby.
Jack Algenon deBlois Ruggles.
Ruth Willard Ward.
Ruth Elizabeth Morton.
Mabel Maude Munro.
Stephen Foster Hall.
Edwin Stewart Elliott.
Gordon McCollough Phinney.
Kathryn Whitman Sanders.

IX. (45 candidates).

Max Piggott (IX on XI).
Eric Cobb S Freeman (IX on XI).

Mary Etta Balcome (IX on XI).
Ruth Emeline Young (IX on XI).
Milton Halsey Congdon (IX on X).
Pearl Lillian Chute (IX on X).
Harold O'Leary Connell (IX on X).
Idoline Laura Bowlby (IX on X).
Josephine Gillis (IX on X).
Evelyn Ida Smith (IX on X).
Helen Lucy Bent (IX on X).
Priscilla Leonard Elliott (IX on X).
Mary Anne Chute (IX on X).
Walter Graves Anderson (IX on X).
Francis Benjamin Prince.
Helene Bernice Durling.
Marjorie Louise Roberts.
Malcolm Durling Shaffner.
Muriel Josephine Miller.
Charles Enock Grant.
Hattie Mae Wheelock.
Juanita Maxine Bishop.
Laura Samantha Kelly.
Loren Lee Crowe.
Earl Craig.
Laura Jane Buckler.
Harriet Hamilton Dodge.
Hazel Hardy Harlow.
Jane Olivia Saunders.
Joseph Edward Steadman.
Gerald Gordon Palfrey.
Mary Hester Young.
Nellie Harlow Walker.
Altha May Northoup.

Supplementary, (1 candidate).

Unsuccessful, (XI, 0; X, 13; IX, 25).

BRIDGEWATER—(132 candidates)

XII. (1 candidate).

Bessie Louise Hall.

XI. (13 candidates).

Nellie Mae MacGuire.
Cecelia Veronica Kelly.
Ella Julia Magee.
Mabel Violet Frank.
Hilda Maud Feindell.
Hazel Annie Rafuse.
Austin Maynard Page.

X. (44 candidates).

Eleanor MacGregor Starratt (X on XI).
Jean Burnaby Harlow (X on XI).
Percy Allen Silver (X on XI).
Naomi Ellen Crouse (X on XI).
Maud May Risser (X on XI).
Annabel McNab Logan.
Violet Ruth Rafuse.
Frederick Cecil White.
Oda Theodora Bushen.
Mabel Eveline Hirtle.
Myrtle Gertrude Rafuse.

Verna Marian Bell.
 Evelyn May Parks.
 Harold St. Clair Rafuse.
 Edson Daniel Berrigan.
 Ilene Louise Zwicker.
 Annie Laura Rafuse.
 Margaret Curran Ford.
 Gladys Violet Fralie.
 Hazel June Corkum.
 Mary Luetta Conrad.

IX. (71 candidates).

Gordon Howard Sarty (IX on XI).
 Bessie Eliza Moore (IX on X).
 Annie Kathleen Rafuse (IX on X).
 Bessie Telfer Rathbun (IX on X).
 Elsie Belle Eisenhauer. (IX on X).
 Clara May Rafuse (IX on X).
 Ada Harley Gillmore (IX on X).
 Minnie Sylvester Rhynard (IX on X).
 Blake Freeman Conrod (IX on X).
 Emily Althea Hirtle (IX on X).
 Ella May Naugler (IX on X).
 Etta May Robar (IX on X).
 Annie Marie Redy.
 Wilfred James Kedy .
 Alison Archibald Zwicker
 Leon Victor Cook.
 Ralph Reynold Dagleish.
 Mona Thompson.
 Bruce Corbett Archibald.
 Joseph Arthur Hugh Whitford.
 Kathleen MacGregor Manning.
 James Lewis Hall.
 Theodore Dewey Eisner.
 Gertrude Elizabeth Hebb.
 Dorothy Grace Baker.
 William Amuel Risser.
 Leta Maud Freeman.
 Ruby Gladys Mailman.
 Hazel Blanche Synder.
 Evelena Rebecca Robar.
 Dora Thorne Douglas.
 Florence May Sperry.
 Leda Francis Thompson.
 Elber Maxwell Freeman.
 Dorothy Rebecca Cook.
 Ehtel Hope Arenburg.
 Evelyn Roselea Mosher.
 Henry Justus Bollivar.
 George William Kelly.
 Josephine Marcella Edmunds.
 Viola Daisy Silver.
 Laurie Guston Risser.
 Russell Edward Morton.
 Thelma Georgie Dukeshar.
 Vera Huntington Knox.
 Lela Evelyn Wile.
 Eva Marguerite Cook.
 Flora Marguerite Bell.
 Ruey Myra DeLong.
 Ford Elton Wentzell.
 Louise Mildred Baker.
 Marion Prenetta Wamboldt.
 Effie May Seamore.

Dugald Stewart MacDougald.
 Rheta Eliza Wilkie.
 Annie Elizabeth Deal.
 Ora Ursilla May Weinacht.

Supplementary, (3 candidates).

Unsuccessful, (XII, 0; XI, 0; X, 17;
 IX, 25;).

CANNING—(39 candidates).

XI. (8 candidates).

Victor Bryon Robinson.
 Nathan Frank Loomer.
 Hugh Hamilton Eaton.
 Glenn Stephen Ells.

X. (9 candidates).

Muriel Lucy Eaton (X on XI).
 William Harding Forsythe (X on XI).
 Laura Jean Eaton (X on XI).
 Wilfred Arnold Burbidge.
 Julia Woodworth Eaton.
 Reta Erdine Davison.
 Carrie Amelia Weaver.
 Marjorie Zerelda Irving.
 Olive Young Rand.

IX. (21 candidates).

Jean Frances Borden. (IX on XI).
 Mary Estella Sheffield (IX on X).
 John Warren Robinson.
 Helen Dorothy Beals.
 Irene Mary McFadden.
 Kathleen Borden Rand.
 James Edward Higgins.
 Russell Wentworth MacKeen.
 Carlyle Smith Beals.
 Ella Marguerite Blenus.

Supplementary, (1. Candidate).

Unsuccessful, (XI, 0; X, 2; IX, 13).

CANSO—(31 candidates).

XI (7 candidates).

Frederick Hilton Paget.
 Blanche Elizabeth Lukeman.

X. (6 candidates).

Hilda Margaret Tobin.
 Artoinette Gertrude Hurst.

IX. (18 candidates).

Lauretta Catherine Walsh (IX on XI).
 Leone Alice Stephens (IX on XI).
 Catherine Hilda Meagher (IX on XI).
 Marion Catherine Jenkins (IX on X).

Mary Theresa McKenzie (IX on X).
Leora Clare Silver.
Edwards Thomas Watkins.
Lois Ada Hart.
Edith Blanche Newnham.

Unsuccessful, (XI, 2; X, 2; IX, 14).

CHESTER—(53 Candidates).

XI. (10 candidates).

Merle Francesca Hennigar.
Gladys Belle Langille.
Effie Helena Victoria Stevens.
Russell Clark Zinck.
Earle Dimock Hatt.

X. (20 candidates).

Sadie Letha Croft (X on XI).
Olive Blanche Young (X on XI).
Bertie Belle Heisler.
Ida Victoria Meisner.
Muriel Marsella McInnis.
Amy Maud Young.
Don Carlos Hatt.

IX. (22 candidates).

Lloyd Henry Croft (IX on XI).
Maria Anna Rafuse (IX on XI).
Helen Louise Keddy (IX on X).
Olive Leone Zinck (IX on X).
Leila Lonergan (IX on X).
Mildred Verne Collicutt (IX on X).
Carrie Mosher (IX on X).
Harry Austin Webber (IX on X).
Annie Teresa Walker.
Mary Salome Mills.
Jean Hazel Rafuse.
Ruby Florence Corkum.
Minna Gertrude Boylan.
Ora Odella Backman.

Supplementary, (1 candidate).

Unsuccessful, (XI, 1; X, 9; IX, 16.)

CHETICAMP.—(22 candidates).

XI. (3 candidates).

X. (12 candidates).

Alexander Dan McQuarrie (X on XI).
Zabina Doucet.
Elisa LeBlanc.
Mary Ann AuCoin.
Arsene Xypolyte Roach.
John Wilfred McIntosh.

IX. (7 candidates).

Alexander Dan McLellan (IX on XI).
Annie Belle Cheasson (IX on X).

Annie Jane McDougall (IX on X).
Anselm John AuCoin.

Unsuccessful, (XI, 1; X, 5; IX, 6.)

CHURCH POINT—(52 candidates).

XI. (13 candidates).

Mary Mercedese Melanson.
Ida May Parker.
Marie Lucille Belliveau.
Helen Clarke Journeay.
Mary LeBlanc.
Audrey Alice Brownell.

X. (19 candidates).

Alma Katherine Surette (X on XI).
Mary Eva Robichaud (X on XI).
Louise Elizabeth Melanson.
Daisy Kathleen Hallett.
Jean Mary Pothier.
Philip Edward Filleul.
Loretta Maria Belliveau.
Marie Elie Thimot.
Celeste Marguerite Doucette.
Marie Eulalie LeBlanc.
Lena Deveau.
Mary Lucy LeBlanc.
Mary Rose LeBlanc.
Donald Douglas Brooks.
Mary Ellen Lombard.

IX. (20 Candidates).

Mary Zita Belliveau (IX on XI).
Evelyn Agnes Garrison (IX on XI).
Mary Amelia Stewart (IX on XI).
Anna Grace Bartlett (IX on XI).
Ellen Esther Journeay (IX on X).
Mary Esther Beaton (IX on X).
Isaac Bearnoit Deveau.
Elsie Anna DeVillers.
Melbourne Eugene Oliver.
Edward Deveau.
Theresa Deveau.
Mary Eulalia McLaughlin.
Mary Lea Robichaud.
Emile Bozil Amero.
Mary Alice Deveau.
Artenese Mary d'Entermont.
Mary Emelier Babin.
Pauline Hearn.
Marie Helen Belliveau.

Unsuccessful, (XI, 1; X, 4; IX, 8).

DIGBY—(72 candidates).

XI. (8 candidates).

Grace Gwendolyn McKay.
Clara Rose Woodman.
Margaret Elizabeth Holmes.
Bevis Watson Turnbull.

X. (27 candidates).

Emma MacInnes (X on XI).
 Susie Wilber DeLong.
 Frances Elizabeth Francklin.
 Pearle Mae Vidito.
 Lennie May MacNeill.
 Alice Robertson.
 Sophia Mack Steadman.
 Aubrey Arnold Turnbull.
 Geneva Mae Nichols.
 Mena Zulema Wall.
 Ina Earocaut Sabean.
 Kenneth Corty.
 Grace Emily Marshall.
 Mildred Eunice Holmes.
 Arthur Wesley Perry.

IX. (35 candidates).

Winnifred Allison Cornwall (IX on XI).
 Charles Bernard Hutchinson (IX on XI).
 Stewart Freeman Raymond (IX on X).
 Rose Lillian Timpany (IX on X).
 Mabel Maude Sabean (IX on X).
 Bertha Maie Greene (IX on X).
 Marjorie Jane Driffield.
 Lester Gordon Alcora.
 Guy Victor Turnbull.
 Edith Margaret Green.
 Gladys Hamilton Soulis.
 George Leslie MacKay.
 Myrtle Edith Sproule.
 Amy Almira Cossaboom.
 Helen Bliss Robbins.
 Olga S. Lucinda Haight.
 Estella Gertrude Cummings.
 Dorothy Greely Snow.
 Edith Evelyn MacAlpine.
 Sydney Lambert Gidney.

Supplementary, (2 candidates).

Unsuccessful, (XI, 1; X, 9; IX, 21).

EAST RIVER, ST. MARY'S—
 (26 candidates).

XI. (5 candidates).

Catherine Ellen Cameron.
 John Murray Cameron.
 Margaret Jane Cameron.

X. (7 candidates).

Mary Christina Chisholm.
 Lydia Ann MacMillan.

IX. (14 candidates).

Mary Belle Campbell (IX on X).
 Nellie MacIntosh (IX on X).
 Agnes Jane Cameron.
 Duncan Daniel Cameron.

Unsuccessful, (XI, 2; X, 3; IX, 12).

GLACE BAY—(168 candidates).

XI. (31 candidates).

Dorothy Lee Meggeson.
 James Wallace McMahan.
 Josephine Macaulay.
 Laura Van Iderstein Holmes.
 Georgie Isabel Howie.
 Annabel Johnstone.
 Edith Anderson.
 Mary Lexina McDougall.
 John Henry Driscoll McNeil.
 Neil Grant.
 Daniel Neil Chisholm.
 Mary MacInnis.
 Ethel Matilda McPherson.
 Alex. Kerr.
 Mary McDougall.
 John Archibald McLean.
 Annie Frances McKinnon.
 Susan MacInnis.
 Catherine Gertrude McCuish.
 Robert Nelson Bagnell.
 Ethel Ling.
 Blase Campbell.
 Mary Ellen MacIntosh.

X. (51 candidates).

Elizabeth McDonald (X on XI).
 Greta Maria Spencer (X on XI).
 Mary Rosella Bates (X on XI).
 Esther Brody (X on XI).
 Bessie Cohen (X on XI).
 Mary Agnes McLellan (X on XI).
 Edna McLean (X on XI).
 James Cudhea.
 Jessie Campbell.
 Violet Victoria Gordon.
 Christena Pushie.
 Alice Gouthro.
 Margaret Susanne Martell.
 Katherine McKinnon.
 Hannah Perley Bell.
 Murray Guy Logan.
 Catherine McNeil.
 Margaret Young.
 Sarah Ann McDonald.
 Thomas Chiasson.
 Margaret MacNaughton.
 Ellen Anderson Spencer.
 Margaret Gillis.
 Margaret Joseph Walker.
 George Augustine McNeil.
 Mary Marguerite Campbell.
 Seraphina Gillis.
 Mary Anderson.
 Hazel Jessie Grant.
 Bertha May Phelan.
 Mary Campbell.
 Bridget O'Connell.
 George Franklin McKenzie.
 Katie Martin.
 Cassie May McLennan.
 Alice Eva Burchell.
 Mary Susan Ley.

IX. (83 candidates).

Annie Alice Verner (IX on XI).
 Ellen Gouthro (IX on X).
 Bertha Elizabeth Hillier (IX on X).
 Julia McIntosh -IX on X).
 Bazil McGillivray (IX on X).
 Sidney Archibald McLeod (IX on X).
 Walter Michael Roberts (IX on X).
 Irene Connors (IX on X).
 Gordon Archibald Nicholson (IX on X)
 Carl Miller (IX on X).
 Carrie Frances Phelan (IX on X).
 Mary Lucella Currie (IX on X).
 John Rotherford Meggeson.
 Sady O'Keefe.
 Arthur Green.
 Harold Cowen Morton Gordon.
 Mary Lillian Driscoll.
 Jessie McDonald.
 Isadore Levine.
 Rachel Susannah Isabelle Verner.
 Mary A. McNeil.
 Sadie Ferguson.
 Annie Grace McKenzie.
 Rae Carmichael.
 Margaret McSween McLeod.
 George Alphonsus Bert McLellan.
 Annie Holmes Phillips.
 Alexander Hillis.
 Frederick Murray Ferguson.
 Josephine Young.
 Mary Elizabeth Campbell.
 Wilbert Henry Spencer.
 Russell Knox.
 Harry Gittleston.
 Wilfred E. McAlpine.
 Matthew Dewey McKenzie.
 Gertrude McDonald.
 Thomas Roache.
 Laura May Boutilier.
 David Gittleston.
 Christena Agnes McDonald.
 Annie Elizabeth Morrison.
 Flora McLean.
 Sarah McPhee.
 Lewis Robert McArel.
 Cecil Ernest Lewis.
 David Campbell McArel.
 Ewart John Davies.
 Edith Lillian Phillips.
 Lily Boutilier.
 Albert Spencer.
 Irene Smith.
 Amy Gertrude Nicoll.
 Annie McNeil.
 John George Ley.
 Hilbert Livingston.
 Sarah Margaret Saccary.
 Margery Frances Orr.

Supplementary, (3 candidates).

Unsuccessful, (XI, 1; X, 10; IX, 37).

GREAT VILLAGE—(95 candidates)

XI. (17 candidates).

Leta Cox.
 Vera Muriel Fisher.
 Isabelle Jean Hill.
 John Darlington Williams.
 Alda Pearl Fulton.
 Mary DeWolfe Dickson.
 Reta McLellan.
 Myrna Luetta Broderick.

X. (38 candidates).

John Arthur Chisholm (X on XI)
 Margaret Amelia Forbes (X on XI)
 Katherine Rose Johnson.
 Abbie Johnson Layton.
 Elsie Frances Layton.
 Viola May Copp.
 Ada Willetta Harrington.
 Cora Beatrice MacLaughlin.
 Charlotte McLaughlin.
 Sanford Arnold Smith.
 Alberta Mira Vance.
 Marion Fraser Williams.
 Laura Louise Graham.
 Ada Hazel Foley.
 Alice Maude Irene Cox.
 William Foster MacKay.
 Ida Bowles Crowe.
 Hazel Margaret Cottan.
 William David Finlay.
 Clarence MacGregor Lightbody.
 Margaret Elizabeth Dickson.
 Ella Gladys Berry.
 Minnie Ethel Langille.
 Herman Ethelbert Campbell.

IX. (40 candidates).

Bessie Jean Dill (IX on XI).
 Walter Duncan Chisholm (IX on XI).
 Kenneth David Blackie (IX on XI).
 Isabella Stella Blackie (IX on XI).
 Edward Raymond O'Connell (IX on XI).
 Minnie Jane Corbett (IX on XI).
 Margaret Ethel Boyd (IX on XI).
 Jessie Blair Wyllie (IX on X).
 Frances Ethelwyn Lynds (IX on X).
 Lizzie Blackadar Slack (IX on X).
 Williard Allister Fulton (IX on X).
 Selina Jane Corbet (IX on X).
 Helen Agnes Currie (IX on X).
 Greta May McElhinney (IX on X).
 Martha Lucilla Fulton.
 Reginald Hazen Fleming.
 Leon Thompson McLellan.
 Georgina Reid.
 Eva Dell McCulloch.
 Madeline Hill.
 Evelyn Jane Cavanagh.
 Lloyd Fulton Geddes.
 Mildred Eloise Lynds.
 Freda Elvira Halliday.

Ernest Gladstone Smith.
Margaret Marie Chisholm.
John Allan Graham.
Edith Gertrude Harrington.
Mattie Ellen Fleming.
Erma Elizabeth Geddes.
Arthur James Wilson.
Mary Muriel Cottom.
Janie Rebecca Rutherford.
Sarah May Bulmer.
John Roy McLean.

Unsuccessful, (XI, 7; X, 9; IX, 19).

GLENUIG, SASK—(1 candidate)

XII. (1 candidate).

Charles R. Finlayson MacLennan.

GUYSBORO—(31 candidates)

XI. (5 candidates).

Patrick Wilfred Thibeau.
Beryl Sophia Lipsett.
Marion Elizabeth Giffin.
Wilfrid Laurier Herdsbee.

X. (11 candidates).

Augusta Whitman Callahan (X on XI).
Eva Louise Maguire.
Hilda Laurretta Lawlor.
Andrew Samuel Adamson.
Clara Lucillia McDonald.
Susie Laetitia Giffin.
Sarah Barss.

IX. (14 candidates).

Mary Augusta Hart (IX on X).
Mary Frances O'Hara (IX on X).
Evelyn Marguerite Rudderham.
Sarah Iona Hadley.
Zoe Ella Bruce.
Carrie Sophie Johnston.
Cora Mary Callahan.
Mary Beulah Sangster.
Arthur DeWolf Grant.
Maude Victoria Horton.
Sarah Frances Cunningham.
Marjorie Gordon Worth.

Supplementary, (1 candidate)

Unsuccessful, (XI, 0; X, 4; IX, 4).

HALIFAX—(568 candidates).

XII. (28 candidates).

Lucy Aucoin.
Catherine Brown.
Helen Florence McDougall.
Jane Cecilia Crampton.

Margaret I. Haverty.
David Alfred Yeadon Colquhoun.
Gertrude Louise Palmer.
Agnes Evelyn Finn.
Frederick William Coolen.
Frederick Howard Jones.
Verna Blanche Stevens.
Mary Lyons.
Mary Elizabeth McNeil.
Catherine Mary Hention.
Beatrice Eugenie Mumford.
Joseph Henry Ryan.
Janet Barbara Wolfe.
Muriel Lydia Kyte.
Pearle Clayton Stanford.
Mary Angelita McDermott.
John Joseph Kennedy.
Arthur Gordon Melvin.
Frederick Justin Phelan.

XI. (87 candidates).

Catherine Sylla Isabel MacKenzie.
John Burgess Calkin Carson.
Osborne Randolph Crowell.
Rex Cuthbert Hanright.
Hilda Irene Sheehan.
Benedict McClarty Matheson.
Annie Marion Burgoyne.
Erna Belle Clarke.
Enid Marguerite Dorey.
Lilla Isabel Maxwell.
Muriel Hazel Boutillier.
Annie Lou Hoben.
Peter Gerald Douglass.
Glenn Horlan Keeler.
Ruth Moria Christie.
Marie McGilivray.
May Whiston Dempster.
Anna Katherine Smith.
Pearl Amanda Sellars.
Esther Clark.
Helen Agnes Keely.
Maude Geneva Fay Webber.
Alfred Gerald Wooten.
Horace Terry Creighton.
Peter John Power.
Pearl Graves.
John Cordell Woodrooffe.
John Bligh Hunter.
Julia Murphy.
Mary Norton.
John Collind.
Evelyn Meredith Crowell.
Rebecca Mary Hines.
Margaret Jean Yeoman.
Charles William MacMillan.
Marjorie Claudine McDougall.
Annie Margaret McGrath.
Marie deChantal Brown.
Grace Henrietta Gormley.
Claire Rose Mary Gauvin.
Ronald Manning Fielding.
Kathleen Isabel Rudolf.
Lillian Irene Ferguson.
Thomas Gerald Murphy.

Susan W. Cox.
Dorothy Sarah Messervey.
Emily Campton Getley.

X. (160 candidates).

Clara Quinlon (X on XII).
Ethel Hilda Dexter (X on XII).
Alice Muriel Graham (X on XII).
Mary Beatrice Kyte (X on XII).
Arthur Wellesley Webber (X on XI).
Florence McNeil (X on XI).
Annie Catherine Sterns (X on XI).
Margaret B. O'Sullivan (X on XI).
Charles MacDonald Bayne (X on XI).
Ethel Ward Harrison (X on XI).
Hazel May Blakeney (X on XI).
Mabel Daisy MacDougall (X on XI).
Violet Rita Mary Hutt (X on XI).
Alta Minnie Zive (X on XI).
Myrtle Frances Thompson (X on XI).
Evangeline Rachel Crowe (X on XI).
Edna Blanche Warner (X on XI).
Dorothy Edna Distant (X on XI).
William Ross Cameron (X on XI).
John Francis Mahoney (X on XI).
Cameron St. Clair Guild (X on XI).
Laurence Elliot Van Buskirk (X on XI).
Annie Amelia Harrison (X on XI).
Norma Bentley Gentles.
Teresa Roche
Mary Julia Hallisey,
John Albert Bentley.
Evangeline Lusetta Ferguson.
William Raymond MacClelland.
Helen Jessie Campbell.
John Cambell Distant.
Henry Joshua Hiltz.
Irene Evelyn Warner.
Elizabeth Buchanan.
Lizzie Harris Withrow.
Mary Naylor.
Francis Elizabeth Lewis.
Charles Boyce Hannay Climo.
Muriel Margaret Spares.
Bertha Florence Myers.
Edgar Cecil Bennett.
Gertrude Skerry.
Ward Maxiner Phillips Mader.
Ian Forbes MacKinnon.
Donald Alexander Forsyth.
Patrick James McDonald.
Cyril William Mitchell.
Edwin John Hallett.
Marion Rosa Elliot.
Reta Rhind Anstiss.
Bertha Elizabeth Prest.
Mary Catherine Shea.
Eva Catherine Siteman.
Madeline Victoria Chisholm.
Alma L. Miles.
Vincent Christopher MacDonald.
Martha Jean Thompson.
Irene Martha Lynch.
Colin Alongo MacGillivray.
Marion Thompson.

Dorothy Pearl Roberts.
Estella Susan Blois.
Basil Edward Joseph Courtney.
Florence May Melvin.
Noel Woodburn Hardy.
Bertha Dempster King.
Frank Frederick Malcolm.
David Cameron Colquhoun.
Vera Elizabeth Lowndes.
Jean Emily Tulloch.
Lillian May Cooper.
Vivian Harriet Dorey.
Geoffrey Chipman Shaffner.
Lillian Rebecca Whitman.
Minnie Rachel Nauffts.
Walter Edgar Forsyth.
Mabel Stewart Doury.
Grace Harris Burgoyne.
Margaret Elizabeth Crabbe.
Flossie Louise Withrow.
Rosie Corcy.
Margaret Thompson.
Sadie May Macnamara.
Henry Harris Miller.
Rebecca Catherine MacQuarrie.
Harvey John MacAloney.
Robert William Wright.
Violet L. Matheson.

IX. (267 candidates).

Arthur Hare Weldon (IX on XI).
James William Johnstone (IX on XI).
Henry Arthur Moseley (IX on XI).
Hattie Mae Covey (IX on XI).
Hilda Gertrude Reddy (IX on XI).
Briand William Murphy (IX on XI).
Annie Ethel Kerr (IX on XI).
Mowbray F. Jemmott (IX on XI).
Norah Marion Hart. (IX on XI).
Hilda Miriam Thompson (IX on XI).
Daisy Helen MacDonald (IX on XI).
Majorie Jean Moir (IX on XI).
George W. G. Allen (IX on XI).
John Rankin Merrick (IX on XI).
Lorne Truesdale Lentz. IX on XI.
Gertrude Margaret Kelly (IX on XI).
Aubrey James Gladwin (IX on X).
Theresa Sheehan (IX on X).
Elsie Alma Campbell. (IX on X).
William Mills Ray (IX on X).
Jack Merritt Wheaton (IX on X).
Sophie MacKay Freeman (IX on X).
Garnet James Colwell (IX on X).
Mary Kennedy (IX on X).
William Edmund Daley (IX on X).
Lewis Belcher Payzant (IX on X).
Gladys Lillian Parker (IX on X).
Edward Gerrard Maxwell (IX on X).
Catherine Cahill (IX on X).
Bertha May Boland (IX on X).
Albert Edward Jabriel IX on X.
Lillian Louise Morash (IX on X).
Joseph Cyril Glube (IX on X).
Kathleen Gladys Hanrahan (IX on X).
Edna Jean Johnstone (IX on X).

- Geraldine Regina 'OBrien (IX on X).
 James Hennigar Power (IX on X).
 Leon Walter Fluck (IX on X).
 Ora Willena Hawkins (IX on X).
 Frederic A. Settle (IX on X).
 Bessie Cook Sutherland (IX on X).
 Mabel Laura Parker (IX on X).
 Harry Redmond Wambolt (IX on X).
 Ralph Joseph Harris (IX on X).
 Harold Francklyn Arthur (IX on X).
 Edith Jane Keeler (IX on X).
 Plessa Matilda Russell (IX on X).
 Mildred May Baker (IX on X).
 Goldie Ruth Garrison (IX on X).
 Reta Kathleen Cleveland (IX on X).
 Euphemia Jean Innes (IX on X).
 Maud Mary Bonang (IX on X).
 Albert Earl McElmon (IX on X).
 Marie Eleanor Perry (IX on X).
 Robert Harold Stanford (IX on X).
 Hilda Elizabeth Glawson (IX on X).
 Frances Geraldine Harrison (IX on X).
 Edna Pearl Keeler (IX on X).
 Norman Dudley Murray.
 Horace Vivian Dorrell Laing.
 Annie MacNeil.
 Milton Caroline Ritchie.
 Claire Agnes Power.
 Gertrude Healy.
 Etta Cameron.
 Wilbert Dewey McElmon.
 Raymond Arthur Taylor.
 Arthur Mylius.
 Winnifred Reynolds.
 John Enslow Burns.
 Mabel Dickson.
 Helen Rhea Bissett.
 Chester Lewis Hill.
 David MacInnis.
 Leah Marie Franklin.
 Eva J. Coolen.
 Walter Douglas Rutherford.
 Victoria Allen Wambolt.
 Majorie Adamson Theakston.
 William Henry Smith.
 George Weston Wilson.
 Albert Edward MacDonald.
 Robert Murray MacKinnon.
 Foster Seeley Chittick.
 Jean Gregory Harris.
 Helen Grace Bollong.
 Annie Leomoine.
 John Edward Ware.
 Charles Clifford Rogers.
 George Harold Daniel.
 Elizabeth Atchison Woodworth.
 Eric Bethune Hanright.
 Mary Jean Schwartz.
 Rainsford Hoben.
 Agnes Dorothea Roche.
 Grace Eunice Yeadon.
 Geoffrey James Marshall.
 Lillian Stone.
 Douglas Edwin Major.
 Wm. St.G. Jennett.
 Karen Louise Johnson.
- Angus Anthony Johnston.
 Marjory Porter Johnson.
 Margaret Elizabeth McLeod.
 Rita Genevive Bates.
 Donald Whitehorn.
 Lottie Etta Otto.
 Arthur Archibald Skead.
 Helen Geneva Wilks.
 George Wilfred Fry.
 Mary Esther Gowen.
 Joseph Harris Nutting.
 Earle Belcher Cunningham.
 Alfred Joseph Freckleton.
 Frank Travis Grow.
 Winnifred MacDonald.
 Nina Mary Faulkner.
 Muriel Isabel McKenzie Dunbrack.
 Louise Winifred Sandord.
 John Howard Hickey.
 Harold Hunter Corbin.
 Albert McEachern.
 Karl Warner Melvin.
 George Bernard Noonan.
 Alexander Roy Chisholm.
 Clive William Currie.
 Claude Vincent Colwell.
 Geneva McKel Morash.
 Muriel Florence Skinner.
 Bessie Madelon Hunter.
 David Stewart Crowley.
 Laura Janet Nicholas.
 Margaret Dorothy Bennett.
 Arthur Edwin Hughes.
 George Parker Laidlaw.
 Cornelius Augustine Crowley.
 Raymond Charles Peverill.
 Maude Emily Verner.
 Genevieve Murray.
 Edna Leona Freda.
 Gladys Winifred Allum.
 Harry Frederick Bailey.
 Eileen Frances Rowland.
 Jean Olive Moriarty.
 Rebecca Jean Stoddard.
 Anna Marie Ignatia Millord.
 Lena Florence McKay.
 Charles Lovett Joseph Beazley.
 Ellen May Mahoney.
 Frances May Connors.
 Dorothy Syble Englefield.
 Edith Victoria Manning.
 William Lawrence Sidney.
 Sinclair Duffus Conrod.
 George Sydney Ormon.
 Marie Elmira Haverstock.
 Gordon Edward Horne.
 Marjorie Claire Mumford.
 James William Colquhoun.
 Aileen Agnes Wright.
 Katie Drysdale.
 Leo David Keating.
 Rita Maria Condran.
 Frances Edward Fahie.
 Annie Margaret Sullivan.
 William Hedley Bowman.
 Ceecil Gordon Garrison.

Joseph Hamilton Allen.
 Winifred Day.
 Evelyn Merle Fraser.
 Irene May Bartle.
 Bertha Elizabeth Wright.
 Kathleen Ruth O'Regan.
 Helen Jean Dunlop.
 Jack Humphrey Lusher.
 Ralph Reuben Proctor.
 Mary Emily Mitchell.
 John Crerar MacKeen.
 Vera Anetta Hawkins.
 Mary Alice Spary.
 William Tierney.
 Muriel Gladys Blakeney.
 Ethel Maud Mason.
 Helen Berwick Moore.
 Elizabeth Cecilia Grace.
 Hazel Jean Wallace.
 Rita Elizabeth Hiltz.
 Annie Alice Fancy.
 Frederick Joseph Nolan.
 Harold William Northover.
 Jean MacDonald.
 Irene Costly Gladwin.
 Thomas Grant McGrath.
 Rita Holmes.
 Margaret Mary Cahill.
 Nellie Carey.
 Ruth Brenda Harvill.
 Nora Lillian Myers.
 Percy Andrew Mahar.
 Robert Macio Roache.
 Agnes Mary Margaret Holland.
 Lena Muriel Appleby.
 Harry Clair Northorp.
 Cora Gertrude Conrad.
 William McCarthy.
 Clyde Sanford MacDonald.
 Hazel May Covey.
 Gladys Bessie Pearce.
 Eric Flowers.
 William Gordon Studd.
 Bertie William Lake.
 Catherine Christina Woodworth.
 Peter Earle O'Shaughnessy.
 Helen Isabel Crawford.
 Frederick Phillips.
 John Albert McKay.
 Sarah Marie Frances Bowser.
 Dorothy Maude Robb.
 Louis Charles Martin.
 Bessie Agnes Turner.
 Walter James Connolly.
 Gerald Flinn.
 Marjorie Louise Gibson.
 James Robert Cragg.
 Dorothy Viola Crayden.
 Olive Muriel Walker.
 Stella Marie Clancey.
 Irene Gladys Hubley.

Supplementary, (26 candidates).

Unsuccessful, (XII, 0; XI, 5; X, 54;
 IX, 97).

INVERNESS—(66 candidates).

XI. (8 candidates).

Jean Scott McLean.
 Annie Jane McLellan.

X. (24 candidates).

Mary Catherine Smith (X on XI).
 Malcolm Hugh McLean (X on XI).
 Archie D. McLellan (X on XI).
 Clara Elizabeth Smith.
 Daniel MacLellan.
 John Joseph McLellan.
 John McKay.
 Mary Agnes McLennan.
 Susie Jane Ferguson.
 Prescott Archibald Creelman.
 Minnie Catherine MacKinnon.

IX. (34 candidates).

Andrew Roy Campbell (IX on XI).
 Cecilia Beaton (IX on XI).
 Jessie Margaret McLellan (IX on X).
 Catherine Cahill (IX on X).
 John Archie MacKinnon (IX on X).
 Neil Dan MacKay (IX on X).
 Grace Evelyn McNutt (IX on X).
 Helen Iny Ladd (IX on X).
 Janet Hazel Campbell.
 Dan A. McIsaac.
 Anna Elizabeth MacDonald.
 Jessie Beaton.
 Sara Ann MacDonald.
 Eva Gertrude Sinclair.
 Catherine McLellan.
 Joseph Fougere.
 Marjorie McEachern.
 Nellie MacNeil.
 Francis Alexander Ling.
 Percy Maxwell Cassidy.
 James John McIntosh.
 Willia MacDonald.
 Archibald Dan MacKinnon.
 Christena Isabel MacKinnon.
 Mary Delvina LeBlanc.
 May Louise Campbell.

Unsuccessful, (XI, 1; X, 10; IX, 16).

KENTVILLE (77 candidates).

XI. (14 candidates.)

Victor Clyde Calkin.
 James Murray Kinsman.
 Winnifred Roxanna Kinsman.
 Henry Adelbert Bishop.
 Jean Smith Hardy.
 Murray Reginald Chipman.
 Vernon Arthur Grierson.
 Pansy Lillian Strong.

X. (32 candidates).

Kate Leota Sanford (X on XI).
 Winifred Randall Beckwith (X on XI).
 Amanda Burdette Chase.
 Joyce Maud Fraser.
 Edith Hilda Robbins.
 Edith Kathleen Herbert.
 Vernon Logan Fraser.
 Rufus Sheffield Kinsman.
 Marion Hazel MacBride.

IX. (28 candidates).

Norman Claude Word (IX on XI).
 Barry Dewolf Moore (IX on XI).
 Cutler Murray Dodge (IX on XI).
 Gladys Muriel Dickie (IX on XI).
 Florence Agatha Lyons (IX on X).
 Floyd Clifton MacInnis (IX on X).
 Florence Ada Nieforth (IX on X).
 Horace Blair Dickey (IX on X).
 Mary Belle Kaiser (IX on X).
 Leah Jennie Harris (IX on X).
 Kate Gwendolyn Palmeter (IX on X).
 Ruth Ann Sanford (IX on X).
 Mabel Kathleen Morton (IX on X).
 Eva Wynnfreda Douglas Stokes.
 Marie Anne Doherty.
 Janet Augusta Kinsman.
 Vera Anita Eagles.
 Reta Evangeline Sanford.
 Delia May Redden.
 Helen Mary Jones.
 Georgina Sweet.
 William Henry Cogswell.
 Elaine Eaton Monson.

Supplementary, (3 candidates).

Unsuccessful, (XI, 4; X, 16; IX, 18).

LIVERPOOL—(107 candidates).

XI. (10 candidates).

Mary Seeton Hendry.
 Ezelia Agnes Cole.
 Frances Viola Gerhardt.
 Mary Elizabeth Hagon.
 Verna Sterling Dunlop.
 Fannie Bell Hartlen.
 Anna Gwendolyn Sara Fraser.

X. (34 candidates).

Emma Beals Phalen (X on XI).
 Marion Julia VanHorne (X on XI).
 Helen Maud Sabeau (X on XI).
 Lilla Frost Rayfuse.
 Lalia Jane Smith.
 Opal Douglas Parker.
 Jean Dorothy Drew.
 Mildred Myrtle Douglas.
 Irma Marie Lloyd.
 Linda Lisle Cohoon.

IX. (61 candidates).

Marjorie Ann Sheppard (IX on X).
 Helen Winifred Misner (IX on X).
 Margaret Magdalen Canning (IX on X).
 Ida Victoria Hogan (IX on X).
 Saidee Lillian Colp (IX on X).
 Ralph Hutchinson Freeman (IX on X).
 Henry Drummond Winters (IX on X).
 Charles Edward Freeman (IX on X).
 Flora Isabel Manthorne (IX on X).
 Susan May Phalen.
 Marjorie Freeman MacKinnon.
 Percy Collins Kempton.
 Helen Catherine Lennox.
 Marjorie Beatrice Mitchell.
 Walter Keene Bagley.
 Freda Marion McLeod Shields.
 Edward Harley Harlow.
 Ruth Ashmore Dexter.
 Hector McDonald Dunlop.
 Mary Ellen Fraser.
 Mary Bent Crookers.
 Nettie Florence Smith.
 Harold Dewal Wagner.
 Marguerite Winters.
 Viola Sibronite Ramey.
 Lillian Fahyon Inness.
 Nancy Isabel Boucher.
 Ivan Scott Freeman.
 Ethel M. Warton.
 Janet Beryl Rhynard.
 Edmund Starratt Dexter.
 Emma Evelyn Smith.
 Lester Stuart Annis.
 Mary Bethel Coops.
 Kathryn Pollard Wilson.
 Bernice Sophia Joudrey.
 Oliver Ivan Morton.
 Ida Crowley.
 Albert Joseph Christopher.
 Effie Genevieve Mouzar.
 Oliver Stephen Smith.
 Olive Cecilia Armstrong.
 Lela Pansy Pearl Joudrey.
 Elsie Elizabeth Colp.
 Ermyon Hardy.
 Ferne Helena Butler.

Supplementary, (2 candidates).

Unsuccessful, (XI, 0; X, 17; IX, 24).

LOCKPORT—(37 candidates)

XI. (4 candidates).

X. (13 candidates).

Eulalie Locke.
 Greta Helen Sharpe.
 Theodore Page.
 Hilda Vale Freeman.
 Sentelia Marie Godfreid.

IX. (19 candidates).

Stewart Dwight Ruggles (IX on XI).
 Lenore MacMillan (IX on XI).
 Eugene Hastings Page (IX on XI).
 Rose Vera Perkins (IX on XI).
 Terence C. Lockwood (IX on X).
 Sadie Vioa McKenzie (IX on X).
 Anna Alecia Laing (IX on X).
 George Edward Holden.
 Eunice Freeman Heneon.
 Cecil Alvin Lloyd.
 Marion Fiske Locke.
 Eunice Mary Abbott.
 Isadora Copeland.
 Zella Mina Hording.
 Beryl Christine Howe Locke.

Unsuccessful, (XI, 1; X, 5; IX, 11).

LUNENBURG—(121 candidates).

XI. (25 candidates).

Helen Viola Spindler.
 Mary Frances Johnson.
 Wallace Wynoid Smith.
 Ella Sophia Zinck.
 Violet May Bochman.
 Rhoda Matilda Conrod.
 Muriel Blanche Walters.
 Nellie Louise Romkey.
 Helen Adelia Hiltz.
 Lettie Mabel Feener.
 Marguerite Mary Rockwell.
 Hilda Maude Mosher.
 Leonard Bryant Holder.
 Harry Bennett Shupe.

X. (44 candidates).

Allison Constance Nichols (X on XI).
 Daniel Glengyle Diehl (X on XI).
 Marjorie Olive Kaulbach (X on XI).
 Amy C. L. Himmelman (X on XI).
 Jean Lindsay Ross.
 James Franklin Shupe.
 Morris William Knickle.
 Jean Maude Knickle.
 Beatrice Gertrude Hiltz.
 Winnie Myrtle Cook.
 Effie Mildred Ernst.
 Luella Rebecca West.
 Loraine Clement Lohnes.
 Thomas Burns Acker.
 Frances Gertrude Vereau.
 Laurie Abram Cook.
 Mabel Mildred Sarty.
 Harold George Gilding.
 Philip Victor Holder.

IX. (51 candidates).

Mabel Ida Schnore (IX on XI).
 Daisy Annie Belle Young (IX on XI).
 Bessie Winnifred Young (IX on XI).

Belle Mildred Corkum (IX on XI).
 Viola Mary Malock (IX on XI).
 Mary Emily Demone (IX on X).
 Lucy Viola Langille (IX on X).
 Leila Hall (IX on X).
 Clarice Aileen Corkum (IX on X).
 Mildred Annie Corkum (IX on X).
 Birdie MacKenzie LeLong (IX on X).
 Mark Douglas Lohnes (IX on X).
 Mamie Viola Naas. (IX on X).
 Lauretta May Rhodenizer (IX on X).
 Lydia Ada Beginn (IX on X).
 Evelyn C. V. Miller (IX on X).
 William Clarence Rockwell (IX on X).
 Mary Louise Dike.
 Eva Ellen Heckman.
 Wilfred Douglas Mosher.
 Mabel Viola Millett.
 Fenwick William Smith.
 Mabel Mary Claribell Berringer.
 Birdie Idella Oxner.
 Howard Abraham Zinck.
 Firman McClure.
 Philip Lemuel Romkey.
 Constance Ethel Levy.
 Roberta Ora Backman.
 Gladys Gertrude Naomi Crooks.
 Isabel Catherine Hirtle.
 Leslie Emerson Rafuse.
 Warren George Winters.
 Jessie Pearl Beck.
 Emmie Catherine Morash.
 Eva Winnifred Ernst.
 Frank Fenwick Backman.
 Mona Zipporah Burke.
 Doris Gwendolyn Veinotte.
 Warren Luther Eisnor.
 Ruth Gertrude Nichols.
 Blanche Gertrude Herman.
 Jean Dundonald Duff.
 Eva Mary Jane Himmelman.
 Effie Eldora Crouse.
 Anthony Charles McClure.
 Vega Iona Mosher.
 Frank Haslem Smith.
 Kathleen Alice Mader.
 Beryl Mildred Corkum.
 Ada Margaret Creaser.
 Gladys Burdette Wentzel.

Supplementary, (1 candidate).

Unsuccessful, (XI, 2; X, 17; IX, 16)

MAHONE—(69 candidates).

XII. (1 candidate).

Muriel Louise Winnifred Bruhm.

XI. (16 candidates).

William Gordon Ernst.
 Spurgeon Maskell Hirtle.
 Robert Henry Langille.
 Irene Silvyia Andrews.

John Frederick Clare Albrecht.
 Marguerite Elaine Hamm.
 Ira Day Mader.
 Annie Caroline Schnare.
 Guy Eldred Mossman.
 Myrna Amelia Hyson.

X. (24 candidates).

Helen Louise Zwicker (X on XI).
 Lily May Kaulback (X on XI).
 Maurice Benjiman Hamm.
 Nellie Lee Drew.
 Phyllis Lillian Skerry.
 Clara Marguerite Freeman.
 Blanche Louise Oxner.
 Erema Edna Hirtle.
 Wilfred St. Clair Hiltz.
 Hazel May Winters.
 Violet Victoria Kedy.
 Olive Myrtle Meister.
 Joseph Burdett Skerry.
 Genevieve Mary Veinotte.

IX. (27 candidates).

Florence Ethel Zwicker (IX on X).
 Justin Wilfred Vaughan (IX on X).
 Muriel Hattie Westhaver (IX on X).
 Jean Anastasia Langille
 Justin Harris Langille
 Florence Olive Lane.
 Wilfred Laurier Knout.
 Marion Louise Hirtle.
 Mary Rebecca Rudderham.
 Edna Rebecca Zink.
 Aaron Alvan Ernst.
 Harriett Mac Smith.
 Vera Laura Hiltz.
 Annie Louise Begin.
 Lettie Olive Armatine Westhaver.
 Carl Cleveland Dauphinee.

Supplementary, (1 candidate).

Unsuccessful, (XII, 0; XI, 4; X, 9;
 IX, 14).

MAITLAND—(52 candidates).

XI. (7 candidates).

Lelia Belle Faulkner.
 Mary Georgina Fiske.
 Helena Blanche Densmore.
 Jennie Adelaide Hines.

X. (19 candidates).

Edith Weldon (X on XI).
 Gertrude Mary O'Donnell.
 Nellie Meta Wright.
 Marion Imogene Bond.
 Alice Frahey Graham.
 Elsie Pearl MacKenzie.

IX. (25 candidates).

Eva Mabel Stella Hennigar (IX on XI).
 Blanche Edna Douglas (IX on XI).
 Greta Gilmore McLellan (IX on X).
 Enna Maie Carr (IX on X).
 Abbe Eaton Drillio (IX on X).
 Margaret Putman Eaton (IX on X).
 Martha Brown Lawrence (IX on X).
 Anna Maude Whidden (IX on X).
 Gladys McIntosh.
 Mabel Knowlton Smith.
 Lavinia Mary Whidden.

Supplementary, (1 candidate).

Unsuccessful, (XI, 0; X, 8; IX, 22).

MARGAREE FORKS—(51 candidates)

XI. (8 candidates).

X. (16 candidates).

Martha Mabel MacLeod (X on XI).
 Collingwood Cain McDermid (X on XI)
 Catherine Christy Austin (X on XI).
 William Archibald Miller (X on XI).
 Maud Mary Timmons.
 Marion Fraser Smith.

IX. (27 candidates).

Alexander Joseph LeBlanc (IX on XI).
 Julia Delaney (IX on X).
 Maggie Bell Collins.
 Willie Bernard McLellan.

Unsuccessful, (XI, 3; X, 13; IX, 25).

MIDDLE MUSQUODOBOIT—(55
 candidates).

XI. (11 candidates).

Minerva Eliza Dillman.
 William Herbert Wicks.
 Allison Hood Farnell.
 Esther Scott Bates.
 Fannie Burris.

X. (16 candidates).

Mary Gates Sibley (X on XI).
 Lena May Gordon Reid (X on XI).
 Alfred Dickey Guild (X on XI).
 Violet Ella Prest (X on XI).
 Martha Sidney Fox.
 Henry Douglas Reid.
 Clara Polly Dillman.
 Lottie Dechman.
 Janie Archibald.
 Jean Horton.
 Victor Middleton Hanna.
 Bessie Merson Stewart.
 Mary Hazel Rose.

IX. (28 candidates).

Jessie Marie Fulton (IX on XI).
 Elizabeth Olive R. Brown (IX on XI).
 Lydia Jane Henry.
 Nellie Redmond Burnett.
 Melissa Fraser.
 Annie Vida Bentley.
 Augusta Lizzie Stewart.
 George Archibald Farnell.
 Edith Gladwin Dickie.
 Alice Gertrude Bambrick.
 Arthur Sprott Dean.
 Rosanna May McFetridge.
 Winnifred May Ogilvie.
 Norma Kathleen Cameron.

Unsuccessful, (XI, 2; X, 4; IX, 16).

MIDDLETON—(123 candidates).

XI. (26 candidates).

Hallet Fenwick Pearson.
 Josephine Myrtle Banks.
 Lewis Morris Smith Gates.
 Charles Borden Messenger.
 Everett Clare Cox.
 Frederick Primrose Whitman.
 Eva Kathleen McAloney.
 Stella Pearl Parker.
 Nellie Myrtle Hiltz.
 Vaughn Harrison Baker.
 Williard Chever Ruggles.
 Grace Muriel Lantz.
 Mildred Lena Reagh.
 Harry Elmore Parker.
 Vera Marie Slocomb.
 Margaret Frances Wright.
 Bessie Myrtle Parker.

X. (56 candidates).

Pauline Anita Neily (X on XI).
 Kenneth Maxwell Reed (X on XI).
 Mary Olga Sponagle (X on XI).
 Agnes Marion Banks (X on XI).
 Jessie Pearl Swallow (X on XI).
 Frederick Lorimer Simpson.
 Annie Mae Crawford.
 Laura Mae Payson.
 Marguerite Irene Smith.
 Dorothy Mae Roach.
 Marjorie Gertrude Neily.
 Mary Pauline Smith.
 Edith Beryl Sponagle.
 Freeman Haddon Brown.
 Hazel McNeil.
 Lottie Beatrice Freeman.
 Hall Starratt Marshall.
 Frances Lillian Buddle.
 Claude Maxwell MacDonald Parker.
 Georgie Marguerite Brown.
 Marion Averil McAloney.

IX. (39 candidates).

Ella Azubah Shaffner (IX on XI).
 Alice Hurlbutt Whitman (IX on XI).
 Bessie Dodge Neily (IX on X).
 Mary Hazel Cox (IX on X).
 Fred Augustus Crooker (IX on X).
 Asaphine Gladys Crouse (IX on X).
 Julietta Pearl Fairn (IX on X).
 Hazel Hanscom Dodge (IX on X).
 Tena Mae Peirce. (IX on X).
 Mary Alexandra Parker (IX on X).
 Ralph Evens Marshall (IX on X).
 Edith Gertrude Jackson (IX on X).
 Laura May Veinott (IX on X).
 Carrie Olga Marshall (IX on X).
 Hazel Iryphena Varner (IX on X).
 Mildred La Vaughn Foster (IX on X).
 Myrtle Forster Banks (IX on X).
 Cecelia Matilda Layton (IX on X).
 Helen Winnefred Mason.
 Amy Irene Cox.
 Reta Pearl Marshall.
 Elma St Clair Smiley.
 John Louis Stoddart.
 Agatha Odessa Margeson.
 Vernon Lamont Pearson.
 Dorothy Lenore Lantz.
 Donald Muir Reed.
 George Lamont Stronach.
 John Valentine Stevens.
 Russel Ewart Beckwith.
 Karl Reginald Welton.
 Eva May Whitman.
 Eva Thorne Bowlby.
 George Holland Hoffman.

Supplementary, (2 candidates).

Unsuccessful, (X, 12; X, 24; IX, 23;).

NEW GLASGOW—(182 candidates).

XII. (12 candidates).

Ruth Jean McDonald.
 Ethel May Chisholm.
 Annie Isabel Rose.
 Mary Margaret Harris.
 Annie Laura Dawson.
 Christena Myrtle MacLean.
 Edna Catherine Robertson.
 Lida Meta Larsen.

XI. (29 candidates).

Ralph Uriel Phalen (XI on XII).
 Constance Helen Fraser (XI on XII).
 Catherine Crerar Dunn.
 Jennie Gordon Grant.
 Olive Rosina Wadden.
 Lyall Radcliff McCurdy.
 Kathleen Maude Day.
 Herbert Stewart Campbell.
 May MacDonald.
 Donald Scott Fraser.

Hugh MacPherson.
 Florence Irene Dobson.
 Helene Fraser Townsend.
 Alexander Peter MacKay.
 Marion Neilson McColl.
 Thomas Roy Grant.
 Robert Morrow Pallen.
 Katherine Elizabeth Butler.
 Harold Allison Brennan.
 Edna Jane MacKenzie.
 John William McKay Fraser.

X. (47 candidates).

Donald Gray Dunbar (X on XII).
 Harold Seymour McLean (X on XII).
 Mabel Putman (X on XI).
 Hugh Robert Grant (X on XI).
 Charles Napier MacDonald (X on XI).
 Norma McGregor McColl (X on XI).
 Isabel Cameron (X on XI).
 Kathleen Doris Waldren,
 Ruth McDonald.
 George Patterson Graham.
 John Norman Ritchie.
 Margaret Laura Blair.
 Laura Butler Fraser.
 Richmond Moir Calder.
 Harold Llewelyn Tamplin.
 Annabella Mary Watt.
 Harold McPherson.
 Rosa Belle Boppsfield.
 Isabel Henderson.
 Jean Marie Potter.
 Marjorie Gordon Holmes.

IX. (81 candidates).

Hyland W. Fraser (IX on XI).
 Marion McLaren Butler (IX on XI).
 Jennie McDearmid (IX on XI).
 Margaret Jane Sutherland (IX on XI).
 Margaret Isabel Cameron (IX on X).
 Sarah Dand MacGregor (IX on X).
 Donna Grace Chisholm (IX on X).
 Asa Hibbert Fraser. (IX on X).
 Myrtle Campbell (IX on X).
 Joanna Amelia MacHardy (IX on X).
 Muriel MacD. Cameron (IX on X).
 Everett Barclay Muir (IX on X).
 Jean MacGregor Cooke (IX on X).
 Edith McKay.
 Margaret Wells Wright.
 John Edward Muirhead.
 Annie Florence MacLoed.
 Grace McLean.
 Christine Murdock Cavanagh.
 Margaret Helen McLean.
 Melva Ross.
 Willis Gordon Dawson.
 Isabel Proudfoot.
 Mary Elinor Ormiston.
 Roderick Archibald MacGregor.
 Mabel Urquhart.
 Donald McLean Sinclair.
 Helen Ross Fraser.

Mary Hazel Blair.
 Alexander James Grant.
 James Harold Dunn.
 Jessie May McDougall.
 Louis Ivan Underwood.
 Karl Stewart.
 Beatrice Victoria Grant.
 Frederick Henry MacKinley Wodden.
 Frederic Arthur Black.
 Isa MacKay MacDonald.
 Elda Geraldine MacGillivray.
 Daniel Irving Reeves.
 Nicholl McNeil.
 Katherine Hazel MacKenzie.
 Esther Leadbetter.
 Henry Lewis MacNeil.
 William Gregory Walsh.
 George Herbert McNeil.
 Kathleen MacKenzie Grant.
 Jessie Flora Cameron.
 Sarah Grant MacDonald.
 Victor Mason.
 Marjorie Owens MacKenzie.
 Sara Emeline Stewart.
 Andrew William Fraser.
 Christina Ann McDonald.

Supplementary, (13 candidates).

Unsuccessful, (XII, 0; XI, 1; X, 24;
 IX, 40).

NORTH SYDNEY—(74 candidates).

XI. (7 candidates).

Roland Francis Turner.
 Gladys Hazel Turner.
 Elizabeth Nicholson.
 Alice Hamilton MacDonald.

X. (26 candidates).

William Earl Johnston (X on XI).
 Ethel Gertrude Bryne (X on XI).
 Sarah Margaret McNeil.
 Anna May Fraser.
 Daisy Pearl DeVoe.
 Mary Elizabeth Nicholson.
 Margaret Sadie Macneil.
 Thomas Myles Thompkins.
 Katherine MacDonald.
 Kenneth Livingstone Brown.

IX. (40 candidates).

Mary Ann Bond (IX on XI).
 Margaret McNamara (IX on X).
 Veronica Gouthro (IX on X).
 Sarah McNeil (IX on X).
 Reginald Francis MacNeil (IX on X).
 Constance L. H. Archibald (IX on X).
 Frances Willard Hull (IX on X).
 Rolfe Young Ganong (IX on X).
 Sarah MacIntyre (IX on X).
 Lewis McMillan.

Emma Myrden.
 Elizabeth McDonald.
 Daniel McMillan.
 Clarence William Theriault.
 Christena May MacLeod.
 Jean Sutherland Christie.
 Mary Emma MacIntosh.
 Clara MacNamara.
 Amelia Power.
 Murdock Edward MacLeod.
 Anastasia Scott.
 Annie Mae Kelly.
 Frances Willard MacLeod.
 Sadie McDonald.
 Elizabeth Ann MacKinnon.
 Hazel Bell MacDonald.
 Eunice Sarah McPherson.

Supplementary, (1 candidate).

Unsuccessful, (XI, 0; X, 11; IX, 22).

OXFORD—(80 candidates).

XI. (18 candidates).

Clifford Byron Chapman.
 Luella Thompson.
 Douglas Harold Highet.
 Lillian Gladys Tuttle.
 Mable Thompson.
 Bertha Phillis Scott.
 Harold Carleton Davis.
 Belle Dunbar Brownell.
 Albert Munro MacKintosh.
 Florence Eliza King.

X. (37 candidates).

May McCormack (X on XI).
 Harold Charles Lowther (X on XI).
 Claire Ferguson Ross (X on XI).
 Edgar Carleton Anderson.
 Edith Kathleen Davidson.
 Hugh John Ross.
 Edwin Glennie Giles.
 Myrtle Anna Simpson.
 Lyde Browne Gordon.
 Marion Frances Black.
 Herrietta Blackadar Scott.
 Lella Mae Ripley.
 Beatrice MacDougall.
 Georgie Lula Black.
 Anna Mabel Cooke.
 Ernest Russell Mattinson.
 Lena May Stonte.
 Frank Archibald Black.
 Gertrude Irene Thompson.
 Catherine Isabel Angevine.
 Nellie Anne Matheson.
 Guy Donald Sutherland.
 Mary Leola Canning.
 Leona Grace Stewart.
 Gladys DeVera Canning.
 Ethel Louise Reid.
 Jessie Luella Reid.

IX. (24 candidates).

Saydie Blanche MacNeill (IX on XI).
 Mildred Louise McLelan (IX on XI).
 Harold Raymond Hurd (IX on XI).
 Teresa Nina Crowley (IX on XI).
 Claude Black (IX on X).
 Russell Abel Atkinson (IX on X).
 Myrtle Elizabeth Purdy (IX on X).
 Beatrice Elizabeth Chisholm (IX on X).
 Minnie Alena Thompson.
 Helen May Fraser.
 Ada Ellen Patton.
 Hugh Allison Graham.
 Lewis Aubrey Chase.
 Hilda Amy Thompson.
 Walton Truman Davis.
 Greta Bertha King.
 Gladys Anna Graham.
 Gertrude May Henderson.
 Annie Alberta Gordon.
 Vivian Jean DeWolfe.
 Florra Mabel McElmon.
 Ada May Webb.
 George Alexander Kennedy.
 John Alexander MacKay.

Supplementary, (1 candidate).

Unsuccessful, (XI 1; X, 9; IX, 8).

PARRSBORO—(90 candidates).

XI. (20 candidates).

Minnie Gertrude Roberts.
 Edith Verna Davison.
 Edward Arthur Fulton.
 Chester Gibbons.
 Mary Muriel Elderkin.
 Marie Theresa Duffy.
 Mark Wylie Willigar.
 Maggie Colter Rose.
 Annetta Mabel Rose.
 Edward Joseph McLaughlin.
 Bessie Grace Smith.
 Alice Adelia Atkins.
 Margaret Gretrude Callow.
 Bessie Beatrice Brown.
 Sara Alyce Taggart.

X. (24 candidates).

William Fitzmaurice Wylie (X on XI).
 Hollis Gibson.
 Erma Irene Newcombe.
 Marie Leonetta Jeffers.
 Carman Gardiner Fullerton.
 Vera Mason Allen.
 Annie Alida Huntley.
 Janet Marjorie Fullerton.
 Lucy Stronge Morris.
 Jesse Clair Fullerton.

IX. (46 candidates).

Jean Beatrice Clay (IX on XI).
 Mary Jeanetta Gilbert (IX on XI).
 Emma Elizabeth Atkinson (IX on XI).
 Wilmah Marie Henderson (IX on X).
 Leta Marie Cochrane (IX on X).
 True Leroy Hatfield (IX on X).
 Inez Myrtle Ripley (IX on X).
 Creta Blanche Graham (IX on X).
 Beulah May DeMille (IX on X).
 Joseph Jeffers.
 Annie May Marriam.
 Roland McElhenny Roberts.
 Roland William Mahoney.
 Kare Payson Johnson.
 Guy Frederick McKay.
 Lena Beatrice Pugsley.
 Harriet Elizabeth Richard.
 Ethel Greta Proctor.
 Mary Genevieve Sears.
 Charles Herbert Tupper.
 Minta Dawson Hatfield.
 Hugh Carl Cameron.
 Dorothy Alice Tucker.
 Ethel May Willigar.
 Gertrude Edna Woods.
 Donald Morley Wylie.
 Elsie Gladys Corbett.
 Laura Isabelle Davison.
 Cynthia Robina Fife.
 Leon Anson Nicholls.
 Harry James MacKay.
 John Arthur Hanna.
 Arnelia Lydia Field.
 Edna Louise Fullerton.
 Sarah May Fullerton.
 Edith Elizabeth Canning.

Unsuccessful, (XI, 1; X, 9; IX, 19).

PICTOU—(178 candidates).

XII. (19 candidates).

Elmer Holmes Harris.
 John Haddon Fraser.
 Helen Silver Thomas.
 John James Murray.
 Alexander William McHardy.
 John Walter Sutherland.
 Edith Sybil MacInnes.
 Mary Agnes Reid.
 Christene Margaret Nicholson.
 Annie Jane MacDonald.
 Jessie Belle MacLean.
 Marguerite Caroline Archibald.
 Perry McGregor Knox.

XI. (47 candidates).

Eleanor Reid Smith (XI on XII).
 Alden Patton (XI on XII).
 Elizabeth Maxwell Fleming (XI on XII).
 Hugh Allison Sutherland.
 John Owen MacLeod.

Catherine Fraser.
 Mary Alice Gray.
 Goldie Elizabeth Catherine Talbot.
 William Dewar McDougall.
 Percy Franklyn Bill.
 Thomas Walter MacLean.
 Williamina Creighton.
 Alexander Grant MacKenzie.
 Margaret Isabelle Creighton.
 Bertha Fraser.
 John Roderick Sutherland.
 Christy Bella Jane Munro.
 Howard John Adamson.
 Albert Victor Cameron.
 Katherine Elizabeth Bryenton.
 Barbara MacPherson.
 Norton Wyman Balfour.
 Hazel Irene Patterson.
 Thomas Gray Gilchrist.
 Elizabeth Priest.
 Jessie Louise Hamblin.
 Rupert Fullerton.
 Olive Berry MacKenzie.
 Ethel Fraser.
 Thomas Havelock Dickson.
 Annie Ellen Harris.
 Bessie Janette Brown.
 Donald Herbert Sutherland.
 Christena Stevens.
 Anna Marguerite Carson.
 Samuel Francis Setchell.
 Maymie Caroline Creighton.
 Sadie Montcrief Dickson.
 Jean Gammel Creighton.
 Lawrence Alexander Ferguson.

X. (45 candidates).

Mary Estelle MacKay (X on XII).
 Russell MacInnes (X on XII).
 Leona A. D. Mosher (X on XII).
 Albert Meldrum Arbuckle (X on XI).
 Duncan Bruce Donald (X on XI).
 Katherine Grace Harris (X on XI).
 Elizabeth Dorothy Harris (X on XI).
 Luetta Maud Gammon (X on XI).
 Elizabeth Jane Kennedy (X on XI).
 Lexie Sutherland (X on XI).
 Lauretta Margaret Smith (X on XI).
 Myrtle Vivian Grant.
 John Morton Thomson.
 Stanley Gordon Dustan.
 Jessie Mary Creighton.
 Alfred Guild Fulton.
 Gordon Maxwell Lyon.
 Bessie Matilda MacLeod.
 Lilla Florence Murray.
 Donald Robert Gilchrist.
 Charles Alexander Innis.
 Jean Dennison Dickson.
 Lester Cameron.
 Caroline Margaret Clarke.
 Fulton Creighton Fraser.
 Frances Marion Harris.
 John Thomas MacPherson.
 Melville Murray Anderson.

Muriel Geddie Matheson.
Margaret Isabel Sutherland.
Sarah Evelyn Johnstone.

IX. (63 candidates).

Margaret Edna Beattie (IX on X).
Richard Rankin Hurst (IX on X).
Mary Catherine Ross (IX on X).
Walter Douglas Anderson (IX on X).
Bessie Laura Murray (IX on X).
Jessie Rose Smith (IX on X).
Mary Bell Murray (IX on X).
Mary Catherine Elliott (IX on X).
Helen Victoria Forrester (IX on X).
Laura Harriet Reid.
Gladys Georgie Denoon.
Anna Sutherland MacKenzie.
Struan Carmichael Robertson.
Tryphena Agnes MacKenzie.
Eleanor Bertha Innis.
Roy Hamilton Smith.
Lewis Alexander Murray.
Helen Grant Thomson.
Chadsey Fitzgerald MacMillan.
George Albert McLeod.
Jessie Olive Bowron.
Ralph Murray Sproull.
Alice MacMillan Harris.
Florence Margaret MacLaren.
Cora Addington Crawford.
William Stewart McPherson.
John David MacLean.
Ezra Anderson Henderson.
Cecilia Grace Beer.
Kathleen Anne McKenna.
Mary Norma Flaiger.
Myrtle Frances McLean.
John David McLaren.
Margaret Isabel Cameron.
Elmer Herbert Murdock.
Lillian Anna Murray Cameron.
Herbert Fraser Priest.
Robertha Janette Munro.
Catherine Agnes Carleton.
Barbara Maude MacKay.
Lois Elizabeth White.
Annie Catherine Sutherland.
May Gertrude Murdock.
John Geddie Colter.
Mary Evelyn Munro.
Margaret Hila McDonald.
Albert Edward MacKenzie.
Anna Bella Cameron.
Louise Cameron.
Mary Eleanor McKenzie.
Mabel Angeline Gunn.

Supplementary, (4 candidates).

Unsuccessful, (XII, 0; XI, 2; X, 16;
IX, 21).

PORT HAWKESBURY—
(96 Candidates).

XI. (10 candidates).

Sophia May McLean.
Minnie Irene Williams.
Jessie MacLeod.
Edith Jeanette Williams.
Rena Mary Fox.

X. (28 candidates).

Annie Bertha Johnson (X on XI).
Archibald Stanley MacPhail (X on XI).
Ernest Milton McLeod.
Mary Amelia Reeves.
John Duncan MacDonald.
Joseph Ireneaus McDougall.

IX. (55 candidates).

Alexander Mary Jameson (IX on XI).
Ina Viola Martin (IX on XI).
Catherine May Hennesey (IX on XI).
Emma Claressa England (IX on X).
Clarence Walter Le Lacheur (IX on X).
Nita Anne Reeves (IX on X).
Cecil Edgar Embree. (IX on X).
Katherine M. McLellan (IX on X).
Ethel Lawrence Hemmeon (IX on X).
Hiram Alexander Embree (IX on X).
Viola Garnet Embree (IX on X).
Tena Elizabeth MacDonald
Jean Margaret MacDonald.
Bessie May Strong.
Walter Archibald McDonald.
Joyce May Embree.
George Russel Watt.
Muriel Johanna Dickson.
Christena Catherine MacDonald.
Emma Loring Chase McPherson.
Sadie Belle Grady.
Barbara Jean MacPherson.
Alma Lexia Laurie.
Sadie Julia MacLean.
James Leo Chisholm.

Supplementary, (3 candidates).

Unsuccessful, (XI, 0; X, 16; IX, 41).

PORT HOOD—(56 candidates).

XI. (16 candidates).

Joseph Cameron Reynolds.
Jerome Cyril Chisholm.
Richard Earl McIsaac.
Anna Livingstone Smith.
Catherine Belle Collins.
Dougald Archie Gillis.
Christena MacKinnon.

X. (22 candidates).

Veronica Boyle (X on XI).
 Catherine Annie Campbell (X on XI).
 Katie Maria Smith (X on XI).
 Margaret Jessie MacMaster (X on XI).
 Arthur Daniel Cameron (X on XI).
 Colin Andrew Chisholm (X on XI).

IX. (18 candidates).

Mary Agnes McArthur (IX on XI).
 Mary Agnes MacDonald (IX on XI).
 Josephine Gillis (IX on X).
 George Patterson Murray.

PUGWASH—(43 candidates).

XI. (8 candidates).

Annie Evangeline Whitman.
 John Carman Milward Croft.
 Fannie McKim Layton.
 Kate Elfreda MacNab.
 Rose Edna MacLaughlan.

X. (9 candidates).

Willena May Reid.
 Annie Ruth Black.

IX. (24 candidates).

John Lockhart Stevenson (IX on XI).
 Sadie Rebecca Fullerton (IX on XI).
 Hazel Browne Doyle (IX on XI).
 Marie Evelyn Wells (IX on X).
 Lida Frances Lowden (IX on X).
 Sarah Jane MacKeil.
 Georgia Somes Gillis.
 Mabel Lavinia Horpell.
 Anna Cameron Fraser.
 Jennie Howard.
 Laura Marguerite Clark.
 Stanley Harcourt Peppard.
 Mamie Murie MacMillan.
 James Doncaster Laagil.
 Donald Tuttle.
 Ella May Ralston.

Supplementary, (2 candidates).

Unsuccessful, (XI, 0; X, 5; IX, 13).

RIVER JOHN—(71 candidates).

XII. (1 candidate).

XI. (17 candidates).

Pauline Catherine Murray.
 Louella Jean Tattrie.
 Stella Chisholm.
 Mary Bell McGregor.
 Anna Beatrice Heighton.
 Isabel Esther MacLennan.

Violet Alpha Sillers.
 Laura Bell Sutherland.
 John Elwood MacLeod.
 Marie Margaret MacDonald.

X. (21 candidates).

John Stewart Murray (X on XII).
 John Osler MacLean (X on XI).
 Clara Eliza Bigney (X on XI).
 William Angus Baillie (X on XI).
 Isabel Elizabeth MacKay (X on XI).
 Irene Catherine Robertson (X on XI).
 Sybil MacLean.
 Lilian Henry.
 Catherine Ruth Ross.

IX. (31 candidates).

Lottie Mary Allen (IX on XI).
 Annie Isabel Langille (IX on XI).
 Florence Henry. (IX on X).
 Alexander James MacBain (IX on X).
 Christena Margaret Baillie (IX on X).
 Sherman Lloyd Sillers (IX on X).
 Annie Jennie Bell Hamilton (IX on X).
 Jessie Hamilton Murray
 Ross Canlie Sillers.
 Blanch Kitchen Langille.
 John Alexander MacKay.
 Helen Mary MacKay.

Supplementary, (1 candidate).

Unsuccessful, (XII, 0; XI, 0; X, 13; IX, 26).

SHEET HARBOR—(47 candidates).

XI (5 candidates).

George Lawrence Leslie.
 Ellen Grace Stoddard.
 Guy Mason.

X. (16 candidates).

Edith Lucy MacInnes (X on XI).
 Jean Katherine Grace Dunlop.
 Lydie Fahie.
 Lulu Jean Fraser.
 Clarence Samuel Hall.
 Mary Gladys Leslie.
 Elsie Geraldine McPhee.

IX. (25 candidates).

Martha Jane McKeil (IX on XI).
 Linton Ernest Cooper (IX on X).
 Beatrice Ellen Day (IX on X).
 Amy Verna Stoddard (IX on X).
 Zadie Fraser Stoddard.
 Bertha M. H. Keating .
 Joseph Howe Townsend.
 Winnifred Pearle Murphy.
 Greta Marion Webber.

Nettie Mae Cooke.
Mary Maeguerrite MacInnis.
Evelyn Susan MacPhee.

Supplementary, (1 candidate).

Unsuccessful, (XI O; X, 7; IX, 17;).

SHELburnE—(62 candidates).

XI. (11 candidates).

Andrew Thomas Bower.
Sarah Jean McKay.
Prescott St Clair Irwin.
Olive Chadsey Harlowe.
Marjorie MacKenzie Bruce.
Emma Mae Harlowe.

X. (26 candidates).

Claude Vernon Bower (X on XI).
Charlotte Elizabeth Crowell (X on XI).
Mildred Louise Cameron (X on XI).
Alexander Bridport Hood.
Valda Barbara Downie.
Elizabeth May Morton.
Lulu Beatrice Morton.
Victor Leslie Curry.
Ruth VanHoine Bower.
Margaret Irene Jones.

IX. (24 candidates).

Amy Sophia Holden (IX on XI).
Helen P. Thompson (IX on XI).
Edward Stanley Bruce (IX on X).
Lewis Victor Robertson (IX on X).
Louis Edward Thompson (IX on X).
Bessie Viola Jones (IX on X).
William Roland Gibson (IX on X).
Bernice Winnifred Bower (IX on X).
Edna Almeda Hagar (IX on X).
Elva A. McKenney (IX on X).
Harold Vinton Bower.
Blanche Olive Hood.
Albert Elmer Eugene Bower.
Camillus Eulalie McLellan.
Arthur Delma Swimm.
Lillian Ethel Davis.
Elizabeth Clevelina Littlewood.
Elizzie Janette McGinnis.
Edith Millicent Jones.
Weldon Bruce Bower.
Muriel Augusta Harris.
Harold Robert Swansburg.
Vera Kathleen Maxwell.
Elizabeth McKay.
Geraldine Roberts MacKay.

Supplementary, (1 candidate).

Unsuccessful, (XI, O; X, 11; IX, 9).

SHERBROOKE—(33 candidates).

XI. (2 candidates).

Lillian Maria Murdoch.

X. (12 candidates).

James Scott MacDonald (X on XI).
Louise Cameron.
Anna Dora Violet Corkum.
Mary Doull Chisholm.
James William McDonald.
Ada Maude Suttis.

IX. (18 candidates).

Edgar L. Cruickshank (IX on X).
Margaret Myrtle Cornealy (IX on X).
Edith Blanche Burns.
Gertrude Alice Rood.
Isabella Gladys Sutherland.
Alexander Ernest Fraser.
Nellie May Crooks.

Supplementary, (1 candidate).

Unsuccessful, (XI, O; X, 5; IX, 13;).

SPRINGHILL—(84 candidates).

(XII. 1 candidate).

XI. (18 candidates).

Irma Claudina Noiles.
Lettie Lowther.
Alva Moss.
Helen Margaret Roscoe.
David Lawrence O'Brien.
Lulu Pearl Faulds.
Gladys Harriet Tabor.
Oman Fulton Gilroy.
Vila Euphemia Stonehouse.
Alta May Dow.
Carolyn Agnes Newman.
Earl Barrington Paul.
Thelma Claude Davidson.

X. (15 candidates).

Mabel Hall (X on XII).
Hulda Drucilla Wotton (X on XI).
Gertrude Marie Canty (X on XI).
Mary McMillan.
Robert MacDonald.
Margaret Campbell.
Harriett Beatrice Roblee.
Gertrude Barlow.
Rosanna Lawrence Brown.
Lucy May Ruse.

IX. (47 candidates).

Viola Lillian Murphy (IX on XI).
Irene Geraldine Fraser (IX on XI).

Yvonne Maude Nelson (IX on X)
 Clarence Joseph Hatherly (IX on X).
 Agnes Wilson (IX on X).
 Emma Coon (IX on X).
 Sadie Isabella Dow (IX on X).
 Mary Lois Saley.
 George William Gilroy
 Flora Taylor
 Arthur John Moore.
 John Allister McDougall.
 William Lindsay Lorimer.
 Eva Maud Dewar.
 Verna Leora Jewkes.
 Hughena MacDonald.
 William Douglas Howard.
 Selda Frances Cunningham.
 Katherine Mills.
 Arthur Raymond Cooper.
 John Buck.
 Emma Maude Soley.
 Lila Merrena Boss.
 Agnes Wylie Murray.
 John Robert Brophy.
 Gertrude Hazel Oulton.
 Mildred Resnick.
 George Sherwood Tabor.
 Charlotte Annie Jones.
 Ethel Mae Smith.
 Helen Emyra Tabor.
 Lloyd Angus MacLeod.
 Phoebe Alice Moore.
 Reta Ethel Lockhart.
 Lena Isabella Coon.
 Eva Lillian Brown.
 Frank William Martin.
 Lloyd Douglas Paul.
 Murray MacNealy Peers.
 Elizabeth Landrigan.
 Laura Agnes Hatherly.
 Marion Henrietta MacLeod.
 Wilfred James Brophy.
 Robert Arthur Jewkes.
 Lila Mure Thompson.
 William Joseph Casey.
 James Albert Cameron.
 James Ritchie.
 Ada May Brown.

Supplementary, (3 candidates).

Unsuccessful, (XII, 0; XI, 1; X, 3;
 IX, 5).

STELLARTON—(49 candidates).

XI. (14 candidates).

Jessie Higson.
 Margaret Chrystal Higson.
 Christena Margaret MacLeod.
 James Frederick Kelly.
 Sarah Christena Kennedy.
 Marie Jean MacGregor.
 George Harry Ferguson.
 Charles Richard Baxter.
 Mabel Louise Stetson.

X. (17 candidates).

Fraser Dudley Mooney (X on XI).
 Christena Irene MacLennan (X on XI).
 Hazel McKay (X on XI).
 Mary Winnifred Munro.
 Blanche Janet Urquhart.
 Aleen MacKenzie.
 Katherine McDonald.
 John Forbes Ross.
 Louise May Falconer.
 Andrew Rutherford MacArthur.
 Murice Mary Andrews.
 John David Jackson.
 Beryl Hortence Calder.
 John Leo Mooney.
 Murie Martha MacDonald.

IX. (17 candidates).

Jean MacRae Munro (IX on XI).
 James Mitchell (IX on X).
 Katie Eleanor Cutten (IX on X).
 Isabelle Newton Douglass (IX on X).
 Lloyd Alexander Munro.
 Sophia Jean MacKay.
 Margaret Muriel MacWilliam.
 George Sutherland Munro.
 Thomas Ross.
 Caroline Elizabeth Mailman.
 Daniel Creighton Stewart.
 Willard Probert.
 Francis Bernard Kelly.
 Lillian Thompson.
 John Edward Gillis.
 Alexander McLean Sample.
 Helena Gillis.
 John Reginald Stewart.
 Eva Eudora Fraser.
 Alice Ruth MacWilliam.
 James Earl Munro.

Supplementary, (1 candidate).

Unsuccessful, (XI, 1; X, 2; IX, 0;).

SAINT PETERS—(65 candidates).

XI. (9 candidates).

Christina Irene Hazel Bissett.
 Robert Alexander Ross.
 Firman Henry Bourque.
 Peter Alexander McLeod.

X. (21 candidates).

Margaret Agnes MacLean (X on XI).
 Gertrude Lillian Murphy (X on XI).
 Eunice Viola Kyte.
 Donald Urquhart MacDonald.
 Katherine Elizabeth Coffey.

IX. (35 candidates).

Alexina Mae Ross (IX on XI).
 Allan Dan Morrison (IX on XI).
 Annie Matilda MacRae (IX on X).
 Reginald Smith Henderson (IX on X).
 Lydia Jane Ross (IX on X).
 James Clifford Boyd.
 Margaret Jessie MacPhie.
 Flora Margaret McLeod.
 Margaret A. McLeod.
 Neil Gladstone MacKenzie.
 Bertram McPherson.
 Byron Murray.
 Terry Louis Thibeau.

Supplementary, (0 candidates).

Unsuccessful, (XI, 1; X, 15; IX, 27).

SYDNEY—(268 candidates).

XII. (25 candidates).

Bona Mildred Mills.
 Otto Bernard Phillips.
 Ava Ryetta Weatherbee.
 Sarah Symonds Cameron.
 Donald John MacKenzie.
 Stephen MacEachern.
 William Angus McKay.
 Charles William Spencer.
 Charlotte Emeline Brehant.
 Baxter Garfield Spracklin.
 Mildred Carolyn Schurman.
 Jessie Christena Oulton.
 Alexander Kenneth McLeod.
 Helen Maud MacDonald.
 Ella Marjorie Fownes.
 Charles Francis O'Connell.
 Duncan Joseph Purcell.
 John MacKinnon.

XI. (35 candidates).

Mary Abigail Moreshead (XI on XII).
 Gerald McKenzie Fulton (XI on XII).
 James Murray Ratchford (XI on XII).
 Edith Franklin Moore (XI on XII).
 Andrew Pearl Watson.
 Elizabeth Colquhoun.
 William Marshall.
 Catherine Campbell Martin.
 Charles Good Schurman.
 Gordon Fogo.
 Emma Janet LeVatte.
 Lena Onellette.
 Ronald Walsh.
 Doris Israll.
 Alice Bell MacKinnon.
 Catherine McDonald.
 Warren Maddin.
 Esther Rebecca Bearse.
 Annie Campbell.
 George Delman Crowell.
 Raymond Lyle Reading.

Eileen Sara Boyle.
 George Hugh Archibald.
 Margaret Belle Beaton.
 Alice Lorena Leslie.
 Rufus Allan MacNeil.
 Jessie May MacKinnon.
 Agnes Isabelle Reid.
 Frank Crowdis.
 Janet Slattery.

X. (75 candidates).

Gordon MacRae (X on XII).
 Florence Walker (X on XII).
 Gladys C. Stewart (X on XII).
 Conessa G. Costello (X on XI).
 Allen McDonald (X on XI).
 Annie Leslie Bown (X on XI).
 Ruth Thelma Boyd.
 Percy Orminston Bagnell.
 Ellen Simpson Beach.
 William Sedley Ellis.
 John Peter McInnis.
 Mildred Mullins.
 George Ronald Forbes.
 Ocella Maude LeDrew.
 Bertha Catherine McPherson.
 Jessie Elizabeth Campbell.
 Eugene P. Mullins.
 William Albert Routledge.
 Mary Marjorie Starling.
 Donald McNeil.
 Beatrice Irene Penny.
 George Frederick Mann.
 Muriel Isabel McAlpine.
 Mora Catherine MacKinnon.
 Dorothy Merle Boyd.
 Mary Josephine MacDonald.
 Mary Purcell.
 Annie Jessie Cruickshank.
 Rankin MacKeen.
 Monica Bridget Morley.
 Michael Bachrach.
 Mabel Walker.
 Isabel MacKenzie MacLeod.
 Eileen Bates.
 Agnes Honor Workman.
 Henry Moncrief Rogers.
 Harriett Bernice Musgrave.
 Katie Lucy Gillis.
 Mary Jane McLean.
 John Kenneth Ross.
 John William Martell.
 Evelyn Schaffner Chipman.
 Mary McDonald.
 Gerald Francis Murphy.
 Cecilia Harriet Gillis.
 Katherine A. McNeil.
 Annie Belle Miller.
 Christine MacLellan.
 Freda MacLellan.

IX. (127 candidates).

Henry Jay Dunleavy (IX on XI).
 Catherine McPhee (IX on XI).

Sarah McDonald (IX on XI).
 Jessie Mary MacAskill (IX on XI).
 Daniel Hugh MacNeil (IX on XI).
 Adelia F. Trask (IX on X).
 Hugh Raymond Ross (IX on X).
 Kyran Purcell (IX on X).
 Stephen George McIsaac (IX on X).
 Alastan MacKennon (IX on X).
 Evelyn Langille (IX on X).
 Christine Morrison (IX on X).
 Mary MacIsaac (IX on X).
 Hugh Lithgow McLoed (IX on X).
 Effie Martha Sargeant (IX on X).
 Christena Ann MacAskill (IX on X).
 Stella Marea MacNeil (IX on X).
 Alexander Barss Lumsden (IX on X).
 Sara Ann Johnson (IX on X).
 John McMullin (IX on X).
 Ella Adams Cunningham.
 Henry Christopher Mills.
 Thomas Whitelone Marshall.
 Walter Alexander Colquhoun.
 Norman McDonald.
 William Albert Spurn.
 Vincent Clifford.
 Pauline McKenna.
 Norman Joseph McLean.
 Albert Israel.
 Florence Jean McConnell.
 Mary Catherine Campbell.
 Margaret Agnes MacDonald.
 Edith Winnifred Read.
 Minnie Gallagher.
 Louis Henry Stephens.
 Annie Catherine McInnis.
 Clotilda Rita Baker.
 George E. Ross McLoed.
 Carlos MacIsaac.
 Julius Bachrach.
 John Pride.
 John Ross.
 Charles Hector Mann.
 Philip Harris.
 Roderick Johnston.
 Frederick George Morley.
 Harold Victor Cunningham.
 Helen Murphy.
 William Stephens.
 Adelia Ethel Bearse.
 Agnes Goode Maddin.
 Beatrice Maynagh.
 Florence Margaret Matheson.
 Dorothy Stewart Cameron.
 Frederick Ralph Routledge.
 William Graham Rogers.
 Helen Clina Bosdet.
 John Muggah.
 Annie Hyndman.
 Christy Bell MacLoed.
 Christena Ethel Smith.
 Marjorie Isabel A. LeVatte.
 Jeannette MacLeod.
 Carroll Welsdon Jordan Bell.
 Sidney Green Spracklin.
 Alexander James Campbell.
 Mary Catherine MacKenzie.

Sarah Jane Curry.
 Katherine Alice Mullins.
 Marie Christina McNeil.
 Bessie Robertson.
 Nina MacNeil.
 Florence Elder MacKinnon.
 Helen Wyman Richardson.
 Margaret Winnifred Langille.
 Clarence Tucker Barrett.
 Carloine Anne MacDonald.
 Jessie Elizabeth MacLoed.
 Conrad Barton Edgett.
 Christena Agnes McNeil.
 Vera Lillian Bezanson.

Supplementary, (6 candidates).

Unsuccessful, (XII, 0; XI, 1; X, 18;
 IX 64).

SYDNEY MINES—(52 candidates).

XI. (12 candidates).

Lillian Foster.
 Orpah Melton Harvey.
 Bertha Elizabeth Johnston.
 Norman Coll.
 Sadie Alexander Dorsay.
 Donald Cecil Forgan.
 Mary Emily Peck.
 Veronica Catherine White.

X. (15 candidates).

Mary Ethel Greenwell (X on XI).
 Margaret Hill (X on XI).
 Alexander Gouthro (X on XI).
 George Carey Chatterton (X on XI).
 Bessie Georgena Moffat.
 Joseph Ignatius Francis.
 Jean Mary Cochran.
 Raymond Ignatius Gillis.
 Annie Catherine McNeil.
 Gordon MacDonald Ross.
 John Joseph McKinnon.
 Maxwell Cameron Fraser.
 Katherine Christena Fraser.

IX. (25 candidates).

Winand Francis (IX on X).
 Mary Forgan (IX on X).
 Margaret Elizabeth Kay (IX on X).
 Emma Jane Toomey.
 Mary Elizabeth Kay.
 George Henry Murray Nicholson.
 Marguerita Florence McLeod.
 Harriett Agnes Allen.
 Marion Williamson Morrison.
 Archie Morton Druker.
 Howard Wallace Clark.
 Christopher Myers Langwith.
 Maude Catherine Hennessey.
 Thomas Price Slavin.
 Alexander David Milburn.

Elizabeth Budruss.
Edward Peck.
Marguerite Belle Cann.
Elizabeth Harrietha.

Supplementary, (0 candidates).

Unsuccessful, (XI, 0; X, 3; IX, 9).

TATAMAGOUCHE—(97 candidates)

XI. (10 candidates).

Ellen Gunn.
Myrtle Beatrice Allan.
Jean Ethel McKay.
Jean Drysdale.
James William Lawson McKay.
Lillian May Sutherland.
Reta Marion Laurie.

X. (45 candidates).

Allister Matheson McLellan (X on XI).
Christena Isabelle MacDonald (X on XI).
Mary Drysdale.
Marion Nellie Cecelia McKay.
James Carleton Stewart.
Annie Beatrice MacIntosh.
Gladys Jemima Sutherland.
Isabel Mary MacKeen.
Edith Stewart Wilson.
Catherine Isabel MacLeod.
Helen Catherine Hartling.
Catherine Augusta Myers.
Annie Seaman.
Elsie Anne Sutherland.

IX. (40 candidates).

Jennie McKay Malcolm (IX on XI).
Mary Lavinia Kennedy (IX on X).
Julia MacInnis (IX on X).
Mary Janetta Hayman (IX on X).
Katherine Blair (IX on X).
Agnes Bell Clark (IX on X).
Mary Christena Sutherland (IX on X).
Ruth Elizabeth Porteous (IX on X).
Effie Lillian Miller (IX on X).
Gladys Mae Aitchison (IX on X).
Milton Horton Wade.
Isabel Margaret McLellan.
Jean Stuart MacKeen.
Marion Elizabeth Fraser.
Christena Patterson Clarke.
John Allison Semple.
Wallace Havelock Betts.
Britta Canfield.
James Arthur Malcolm.
Pearl Margaret Allan.
Viola May Nelson.
Alwilda Ida Hunt.
Laura May Clarke.
Sadie Irene McLellan.

Supplementary, (2 candidates).

Unsuccessful, (XI, 0; X, 24; IX, 26).

TRURO—(289 candidates).

XII. (35 candidates).

Claude James William Kedy.
Annie Elizabeth MacLean.
Martin Henry Dawson.
Gertrude Rose Mahoney.
Elsie Louise Philips.
Helen MacArthur Hardwicke.
Alice Evelyn Thorne.
Janet Mabel White.
Arley Margaret Foley.
Margaret Ermina Nelson.
Ruth Georgia McLellan.
John Ernest Logan.
Myra Christine Barnes.
Roy Douglass MacNutt.
Charles Howard Dawson.
Richard Frederick Blaikie Campbell.
Amy Canfield Purdy.
Katherine Emma Crowell.
Arthur Judson Walker.
Flora Dickson Turner.
Franklyn Scott Cleveland.
Ada Hennigar MacDonald.
Helene Ruperta Lusby.
Michael Clarence Connors.
Leah Marion Leck.
Ada Brooklyn Matheson.
Harriet Louise Lindsay.
Abby Bertha Baizley.

XI. (67 candidates).

Perley Chase Lewis (XI on XII).
Cassie Mildred O'Brien (XI on XII).
Melville Gordon Cruikshank (XI on XII).
Ethel Catherine McKay.
Mary Alfreda Miller.
Murdock Gordon MacLeod.
Elsie McLeod.
Harold Fletcher Bishop.
Janet Harding Doane.
Percy Alvin Benjamin.
Seldon Cunningham Bryson.
Anna Bigelow.
Annie Evelyn McCurdy.
William Harold McCurdy.
Carl Cosoman Bowers.
Harold Keith McKay.
John Allister Ross.
Gladys Annie Wickwire.
Margaret Alice Wickwire.
Eunice Sarah Whidden.
Evelyn Louise McLellan.
Mary Belle Smith.
Annie Florence Higgins.
Ella Elizabeth Rankine.
Fanny Louise Homer Doane.
Velma Jane Moore.
Johnson McLellan.

Bessie May Phillips.
 Margaret Josephine Shortt.
 Mary Greta Pippy.
 Hattie Claire Putman.
 Helen Willena Stephens.
 Elsie Belle Johnson.
 Myrtle Blanche Lynds.
 Martha Melinda Moore.
 Hubert Miller Linton.
 Frederick William Herbert.
 Bertha Clarice Moore.
 Atarah Dart Phillips.
 Grace Alma Phillips.
 Marguerite Elizabeth Foote.

X. (85 candidates).

Elizabeth Allen McCallum (X on XII).
 Eva Margaret McKay (X on XII).
 Alice Amelia Etter (X on XI).
 Clara Morrison (X on XI).
 Helen Mary Warman (X on XI).
 Leota Hazel Stevens (X on XI).
 Edwin Russell Stewart (X on XI).
 Annie Lois Marshall (X on XI).
 Alfred Earle Crowe (X on XI).
 Mary Elfreda Kirkpatrick (X on XI).
 John McNutt Jennison (X on XI).
 Craig MacGowan Henderson (X on XI)
 Ida Helen MacLoed (X on XI).
 Grace Davis Carter (X on XI).
 Myrtle Thelma Johnson (X on XI).
 Aubrey Kent Geddes.
 Leonia Ethel McCurdy.
 Hazel Rosanna Walker.
 Sylvia Edith Miller.
 Eurma Elizabeth Summer.
 Dorothy Martha Schurman.
 Clarke Wallace Harrison.
 Marion Agnes Doane.
 Charles Bryson Edwards.
 Libbie Dawe Murray.
 Frank Samuel Fisher.
 Lloyd Hopkins Wickwire.
 Cyril Augustus Elliot.
 Violet Foshay Olive.
 Ralph Meredith Langille.
 Wilberth Simmonds Larabee.
 Albert William Fullerton.
 Freda Emmelina Murray.
 Edwin Harold Dewis.
 Eileen Hallisey.
 Nettie Margaret MacKenzie.
 Eva Gertrude Warman.
 Lucius Gould McLaughlin.
 Dora Evelyn MacNutt.
 Helen Tupper Kent.
 Cyril Holesworth Crowe.
 Lizzie Ada Smith.
 Jared Fenwick Kennedy.
 William Alexander Flemming.
 James Arthur Hamway.
 Laura Margaret Johnson.
 Ruth Beatrice Fingley.
 Ethel Mary Johnson.
 Gladys Eaton McNutt.

Sarah Jane Wyllie.
 Harry Angus McEachron.
 Jessie Lillas Irving.
 Harriet Catherine MacDonald.
 Annie Isabella MacIntosh.
 Walter Wilfred Nichols.
 Hazel Jean Chalmers.
 Mineola Rosamond McKay
 Charles Daniel McIntosh.
 Susan Laura Bradley.
 Mary Esther Putman.

IX. (94 candidates).

Mary C. Sutherland (IX on XI).
 Murdena Agnes Creelman (IX on XI).
 Charles William McIntosh (IX on XI).
 Violet P. MacIntosh. (IX on XI).
 Flora May Dunlap. (IX on XI).
 Doris Eliza MacKenzie (IX on XI).
 Nettie Sanford Barrett (IX on XI).
 Flora Jane Upham (IX on XI).
 David Fullerton MacLennan (IX on XI)
 Jean MacLoed Flemming. (IX on XI).
 Raymond Edwin Fulton (IX on X).
 Cyrus Wilter Archibald (IX on X).
 Alice Maud Lynch (IX on X).
 Isaac Logan Barnhill (IX on X).
 Bertha Mabel Mosher (IX on X).
 Mary Bernice Bouyman (IX on X).
 Lloyd Douglas Staples (IX on X).
 Lily Elizabeth S. Macalpine (IX on X).
 Raymond Newton Thorne (IX on X)
 Sara Elizabeth Craig (IX on X).
 Muriel Louise Fulton (IX on X).
 David Alfonso Adams (IX on X).
 Cara Dexter. (IX on X).
 Charles E. S. Smith (IX on X).
 Helen Wing MacKay (IX on X).
 Emily Inez Phillips. (IX on X).
 Victor MacKay Burns (IX on X).
 Laura Alieen Blenkinsop.
 Harry Stewart Fulton.
 James Edmunds Graham.
 Frederick Alman Matatall.
 Mary Elizabeth Waller.
 Edgar Cyril Matthews.
 Helena Claire MacDonald.
 Helen Louise Archibald.
 Emma Carroll Bryson.
 Esther Lester.
 Lillian Hattie Warman.
 Lillian Mary Ryan.
 Mildred Acorn Cox.
 Horace Maun Eaton.
 Reba Edith Hennessy.
 Elizabeth Blanche Fuller
 Amos Selden Johnson.
 Shelley Stacey Gladwin
 Elsie Annie Edwards.
 Rutherford Harris Murray.
 Violet Gertrude Daniell.
 John Hector MacDonald.
 Elsie Jean MacNutt.
 Evangeline Booth Morrison.
 Mary Edith Cox.

Alexander Grant MacKenzie.
 Sadie Idella McCleave.
 Elsie Waugh.
 William Scott Smith.
 Walter Merrill Barrett.
 Harold Victor Davis.
 Irene Grayson Roebuck.
 Edna Irene Marshall.
 John Earl McEachron.
 Gladys France Ferguson.
 Neil Douglas Miles.
 Freda Jean Steck.
 Viola Beulah Blair.
 Allen Parker Murray.
 Nooman McKelvie Parker.
 Mary Jane Kennedy.
 John Richard Gasker.
 Martha Helen Short.
 Elizabeth Freeman Elderkin.
 Ivan Hamilton Dickie.
 Ena Jean Caudle.
 Catherine Jane Pearn.
 Kathryn Elizabeth Bigelow.
 Ada Lelia Barnhill.
 Dorothy Young Dexter.
 Mabel Jane Irving.
 Luella Maie Bryson.
 Margery Chase Tedford.
 Mary Barnhill.
 Carrie Beatrice McKea.
 Jean Laura McCulloch.
 Minnie Dunn Anthony.
 Minnie Eueline Whidden.
 Florence Nightingale Johnson.
 Lydia Wynn.
 Mabel Jessemine Kent.
 Mabel Catherine Lynch.
 Cora Minnie McRae.
 Charles Albert MacKenzie.
 Eva Marguerite Probert.
 John Myron McKay.
 Bertha May Dunn.

Supplementary, (8 candidates).

Unsuccessful, (XII, 1; XI, 6; X, 23;
 IX, 27;).

UPP. STEWIACKE. (36 candidates).

XI. (7 candidates).

Stella May Logan.
 Mary Dean Logan.
 Eva Campbell Johnson.
 Ella Miller.
 James Thomas Creelman.

X. (10 candidates).

Jean Marguerite Dunlap.
 Seldon Herbert Ogilvie.
 Janie Myrtle Purdy.
 Marianna Dunlap.
 Alice Starriet Johnson.

IX. (19 candidates).

Amy Gordon Johnson (IX on XI).
 Genevieve R. L. Selig (IX on XI).
 William Roderick Smith (IX on X).
 Agnes Cecelia Clarke.
 Ross Logan Clarke.
 Jennie Ethel Brown.
 Anna Belle Rutherford.
 Ethel Alicon Davidson.
 Grace Miller.
 Frances Anna Johnson.
 Dorothy Victoria Fulton.

WESTPORT. (37 candidates).

XI. (9 candidates).

Gladys Rice Crowell.
 Egbert Robertson Crocker.
 Melda Greta Tibert.
 Joseph Grafton Crocker.
 William Henry Young.
 Melbourne Edward Armstrong *Lent*.
 Elizabeth Florence Bower.
 Nellie Rudolph Titus.
 Iona Madeline Crowell.

X. (13 candidates).

Dorothy Bernice Bower.
 Mary Hannah Finigan.
 Genevieve Pearl Stevens.
 Elenora May Finigan.
 Lindsay Ambrose Thurber.
 Albert Lester Welch.
 Helen Louise Churchill.
 Donald Sheppy *Lent*.

IX. (14 candidates).

Marguerite Jenkins Warner (IX on X).
 Melton Lovell Finigen (IX on X).
 Eustace Livingstone Peters (IX on X).
 Charles Keith Barkhouse (IX on X).
 Cornelia Gertrude Crocker.
 William Acey Smith.
 Eunice Evelyn Scott Outhouse.
 Florence Elizabeth Thompson.
 Donald Roy Cassalboom.
 Hubert Ajustace Peters.
 Dorothy Ruth Morrell.
 Holland Graham Titus.
 Vernon Burbridge Collins.

Supplementary, (11 candidates).

Unsuccessful, (XI, 0; X, 1; IX, 5).

WESTVILLE—(60 candidates).

XI. (12 candidates).

John Daniel Grant (XI on XII).
 Rod McDougald Richardson.
 John Sinclair Henderson.

Christena Beryl Saunders.
Ella Fraser Sutherland.
Mattie Elizabeth Atkinson.
Annie Mary MacGregor.
Ira Sanderson Goode.

X. (15 candidates).

Catherine Baillie Hayman (X on XI).
May Rundle Brown (X on XI).
Annie Catherine McPherson (X on XI).
Charles Robert Patterson (X on XI).
Catherine Mary Baillie.
Katherine McKenzie Adamson.
Anna Janet Baillie.
Josiah McQuarrie.

IX. (31 candidates).

Marguerite Crockett.
Christine Esther MacPherson.
Jessie MacGregor.
Carnina Alexandra Ross.
James Erling Saunders.
James Maxwell Richardson.
Annie Norma Wiltshire.
William Russell Tingley.
Mary Ellen Allen.
Alexandra Willa MacKenzie.
James Carleton Munro.
Clifford Allan McDonald.
Roderic MacDougall Boehk.

Supplementary, (1 candidate).

Unsuccessful, (XII, 0; XI, 0; X, 11;
IX, 18).

WINDSOR—(156 candidates).

XI. (34 candidates).

Hugh Ormund Blanvelt.
Annie Wilhelmina Knowles.
Hattie May Barkhouse.
Elsie Elizabeth MacDougall.
Frederick Gordon O'Brien.
Monson Fraser Goudge.
Gertrude Mabel Casey.
Florence Alberta Burgess.
Flossie MacIsaac Smith.
Laura May Sanford.
Eva May MacInnis.
William Campbell Dunlop.
Ella Maude Chappell.
Ellen Eliza Smith.
Laura Margaret Rose.
Hazel Charlotte Gunn.

X. (52 candidates).

Evelyn Louise Wall. (X on XI).
Rexford Clayton Dill (X on XI).
Mable Gladys Cochrane (X on XI).
Karl Keith Dimock (X on XI).
Florence Vivian Marsh (X on XI).

Sadie Anne Grant (X on XI).
Ida May Sanford (X on XI).
Nellie Blanche Hunn (X on XI).
Ruby Douglas Anthony (X on XI).
Edith Lorraine Frances (X on XI).
Viola Alice Bowes (X on XI).
Bernice Delsie MacDougall (X on XI).
Ernest Cecil Davison.
Bessie Bertha Barker.
Catherine Louise Whittier.
Wilfred Hedley Lawson.
Osee Elnura Borden.
John Alexander Dunlap.
Verna Leslie Brown.
Cora May Bourke.
Bertha Ellen MacDougall.
Carleton Allison Canavan.
Elsie Gene Bisset.
Jean Louise Baxter.
Hattie Maud Murray.
Viola Pauline Saunders.
Norman Winston Churchill.
Esther Margaret Drysdale.
Muriel Clementine Francis.
Helen McGregor Crawford.

IX. (67 candidates).

Norah Jean Graham (IX on X).
Walter D. Cornstock (IX on X).
Ina Grace Thompson (IX on X).
Hannah May McCarthy (IX on X).
Nellie May Fador (IX on X).
George Churchill (IX on X).
Maggie Jane Hill (IX on X).
Enid Roberta Caldwell (IX on X).
John Day Rathburn (IX on X).
George Fenwick Seymour (IX on X).
Cyril Earle Meehan (IX on X).
Marion Ellen Rose (IX on X).
William Robert Murray (IX on X).
Alice Dorothy Greenough (IX on X).
Kathleen Vivian Sanford (IX on X).
Clara Beatrice Lockhart (IX on X).
Enid Lilian Scarle
Edith May McEwan.
Bessie Rebecca Davison.
Myrtle Kathleen Burgoyne.
David Wilson Hurlburt.
Reginald Shaw MacLatchey.
Gladys Frizzle.
Ralph Strathie Millett.
Ralph Benjamin Whittier.
Grace Gladys Lantz.
Ruth Cochrane Porter.
Everett Roy Knowles.
Hazel Thelma Brown.
Birdie Blye Haley.
Gladys Lavinia Slack.
Victor Louis McDonald.
Marie Jean Whittier.
Myrtle Muriel LeCain
Sydney Andrew Mosher.
Sarah Isadora Sivright.
Mary Grace Walley.
Elton Havelace Steele.

Eleanor Blanche Jadis.
 Nora Kathleen Coade.
 Mildred Dorothy McDougall.
 Cecil Lawrence Blanchard.
 Jean Olive Smith.
 Henrietta Bissett.
 Carrie Alicen Cochrane.
 Evelyn Pearl Frizzle.
 Clara Catherwood Shaw.
 Helen Alberta McLearn.
 Roy Young Sanford.
 Joseph Hector McLellan.
 Madge Alice Daniels.

Supplementary, (3 candidates).

Unsuccessful, (XI, 0; X, 18; IX, 32;).

WOLFIVILLE—(40 candidates).

XI. (8 candidates).

Charles McKittrick Collins.
 Angus Alexander Elderkin.
 Daniel Burton Angus.
 Vivian Prentice Duncanson.
 Vesta Isabelle Magee.
 Harold Temple Johnson.
 Mary Louise Starr.
 Raleigh Arnold Bishop.

X. (12 candidates).

Margaret Rebecca Chase.
 Harold Martell Wilson.
 Susannah Isabella Chase.
 Helen Beatrice Angus.
 Ora Naomi Woodman.
 Violet May Sleep.
 Wylie Louis Collins.

IX. (14 candidates).

Waldo Benjamin Davidson (IX on X).
 Marion Morse Harvey (IX on X).
 Mary Olive Wickwire (IX on X).
 Grace Arnold Porter (IX on X).
 Francis Magown Archibald (IX on X).
 Donald Alexander Grant.
 Muriel Aileen Starr.
 Leander Parker Thurber.
 Grant Ernest Magee.
 Jennie May Pineo.
 Hilda Annie Smith.
 Mildred Mabel Duncan.
 Angela Marie Herbin.
 Gladys Olivia Mewcombe.
 George Clyde Nowlan.
 Robert Ewart Elderkin.

Supplementary, (6 candidates).

Unsuccessful, (XI, 0; X, 2; IX, 1;).

WOODS HARBOR—(24 candidates).

XI. (4 candidates).

Stella Muriel Nickerson.
 Beulah Alberta Nickerson.

X. (7 candidates).

Vivian Lilith Greenwood.

IX. (13 candidates).

Herbert Ellsbury Forbes (IX on XI).
 Vera Gould Goreham
 Norma Enella Nickerson
 William Dixon Riseborough
 Verna Boneita Nickerson.
 Helen Theodore Sears.
 Willa Vaughn Nickerson.

Unsuccessful, (XI, 1; X, 6; IX, 7).

YARMOUTH—(234 candidates).

XII. (10 candidates).

Nathan Lewis Chipman.
 Winnifred Lewis.
 Merrill Ivan McNeill.
 Hazel Aileen Gray.
 Annie Durkee Allen.

XI. (37 candidates).

Anna Frances Perrin (XI on XII).
 Ralph Lent Jeffrey,
 Kathryn Alba Ryder.
 Bessie Kathleen Hatfield.
 Ina Elizabeth Dorman.
 Arthur Eugene Wood.
 Hazel Mildred Churchill.
 Addie Merle Crosby.
 Mary Louise Burrows.
 Clement William Crowell.
 Ralph Nathaniel Hurlburt.
 Lillian Winnifred Baker.
 Hilda Ishbel Burrell.
 Margaret Hunter Doty.
 Calvin Valpy Marshall.
 Olive Scott Trefry.
 Martha Blackadar Whitman.
 Leonard Scott.
 Margaret Corn.
 George Henry Golden.
 James Cornelius Uhlman.
 Ellen Jane Raymond.
 Gladys Blackadar Whitman.
 Agnes Wymon Spears.
 Jeanette Lillian D'Entremont.
 Emily Carloine Perry.
 Irene Elizabeth d'Entremont.
 Elsie Josephine Piper.
 Estelle Amirault.
 Caroline Alice Perry.

X. (92 candidates).

Mildred Evelyn Simms (X on XII).
 Henry Peter Surette (X on XII).
 Ruth Pearl Brooks (X on XII).
 Laure Irene Pothier (X on XI).
 Jennie Edmunds Corning (X on XI).
 Mortimer Villiers Marshall.
 Ella Hermann.
 Robert Webster Churchill.
 Jessie Pearle Ball.
 Earle Russell Miller.
 Esther Mary Lewis.
 Walter Henry Wilson Hunter.
 Cecil George Ferguson.
 Wilfred Adolphus Wyman.
 Laurena Hatfield.
 Hazel Emma Hurlbert.
 Kathleen Pearle Ryder.
 Herman Henry Doucette.
 John Germain LeBlanc.
 Mattie Curry.
 Charles Webster Burrill.
 Anna Lorenda Goudey.
 Dorothy Hatfield.
 Orpha Greens Churchill.
 Robert Murray Pendrigh.
 Decima Abagil Higby.
 Lawson Albert Pitman.
 Emerson Ladd Curry.
 Charles Everett Crowell.
 Murray Ashton Murphy.
 William Albert Gayton.
 Ada Pauline Herkes.
 Mary Helen Deveau.
 Irva Belle Harris.
 George Edgar Wyman.
 John Victor Butternorth.
 Betha Lee Durkee.
 Alberta Jean Foulis.
 Elizabeth Martha Simms.
 Mildred Elna Hines.
 Eunice Gayton Fox.
 Eleanor Anne Pitman.
 Ruth Olga Hamilton.
 Andrew Jackson Ricker.
 Eleanor Marie D'Entremont.
 Verna Ella Harding.
 Hazel Gladys Treffry.
 Gertrude Rose Haley.
 Polly Lent Baker.

IX. (89 candidates). *

Barbara Helen Graham (IX on XI).
 Olin Borden McNeill (IX on XI).
 Cora Alice Morton (IX on XI).
 Marie Joanna LeBlanc (IX on XI).
 Muriel Annis Cann (IX on XI).
 Jane Allen Horton (IX on X).
 Rose Hermann (IX on X).
 Rose Amy Surette (IX on X).
 Mary Josephine Long. (IX on X).
 Camille Pierre Pothier (IX on X).
 Bessie Violet Porter (IX on X).
 Helen Mary Bourgue (IX on X).

Jennie Evelyn Prosser (IX on X).
 Marguerite Annie Cole. (IX on X).
 Hilda Evelyn Morton (IX on X).
 Marion Radcliffe Prosser (IX on X).
 Charles Walter Hagar Lewis (IX on X).
 Regina Odell Amirault (IX on X).
 Katie Ann LeBlanc (IX on X).
 Alma Kathryn Comeau (IX on X).
 Mary Frances Vickery.
 Eva Maria Ball.
 Dorothy Jean Bain.
 George Dimock Skinner.
 Frederick Alexander Lewis.
 Margaret Donaldson Kirk.
 John Thomas Chapman.
 Muriel Elizabeth Cann.
 Mary Wyman.
 Hazel Elizabeth Churchill.
 Chester Gladstone Beveridge.
 Arnold Murray Porter.
 Persy Elmoran Porter.
 Finlay Chisholm.
 Maynard Brown Wyman.
 Delilah Belle Jeffery.
 Charles Ernest Harding.
 Marion Jeffrey.
 Joseph Louis LeBlanc.
 Malcolm Robert Pitman.
 Enslow Simms Rankin.
 Hilda Gertrude Simms.
 Stephen James Lovett.
 Dorothy Lavinia Jost.
 James Harold Harding.
 Pierre Casimir Boudreau.
 Judith Estelle Pottier.
 David Carlyle Fuller.
 Eunice Evelyn McGray.
 Elizabeth Hannah Raymond.
 Adolphe Joseph Melanson.
 Daniel Joseph Comeau.
 Helena Blackadar Durkee.
 Ann Christine LeBlanc.
 Georgia Elizabeth Pitman.
 Rose Emma Bourque.
 John Francis Neal.
 Henry Francis Bourque.
 Effie Blanche Pierce.
 Charles Hubert Winship.
 Stella Maud Delaney.
 Marjorie Alberta Reeves.
 Pearle Beatrice Hildyard.
 Margaret Mary Angela Thomson.
 Hilda Annie Surette.
 Mox Murray Schurman.
 Theora Winnifred Randall.
 Mildred Maria Thurston.
 Celia Mabel Hughes.
 Dorothy Eva Pottier.
 Kathryn Gertrude Bourne.
 Blanche E. d'Entremont.
 Rose Etta Muis.
 Lucien Eldridge d'Entremont.
 Supplementary, (6 candidates).
 Unsuccessful, (XII, 1; XI, 1; X, 33;
 IX, 35;).

PASS LIST, 1913.

TEACHERS' PROVINCIAL EXAMINATIONS.

MINIMUM PROFESSIONAL QUALIFICATION.

[See Comments and Regulations of the Council of Public Instruction, "Licensing of Teachers," and Reg. 116, page 151 Manual of School Law, 1911.]

ADVOCATE—(2 candidates).		Sadie Pearl Oickle	Second Rank.
		Clyda Annie Germain	Third Rank.
Margaret Armina Morris	Third Rank.	Dora McC. Winchester	"
		Beulah McBride.	"
AMHERST—(27 candidates).		Pearl Naomi McFadden.	"
Margaret W. Elderkin.	Second Rank.		
Mary Elizabeth Donalds.	"		
Lillie Lavinia Fage	"	ANTIGONISH—(50 candidates).	
Hazel Dell Coates.	"	Catherine Campbell, (Sr.	
Majorie Boss	Third Rank	St. Agnes de'Boheme)	First Rank.
Violet C. Archibald	"	Mary Chisholm (Sr. St.	"
Nellie Chandler	"	Mary Jane)	"
Maud Aletta Wood.	"	Velma P. Cunningham	"
Frank Tilton Rose	"	Christina Cameron (Sr. St.	"
Emily Priscilla Pugsley.	"	John Nepomucen).	"
Minnie Floretta Embree	"	Jennie May Gillis (Sr. St.	"
Ida May Blenkhorn.	"	Osmond).	"
Alice Jean McCabe	"	Jennie Cameron	"
Georgina E. Chapman	"	Annie M. McDonald	"
Helen Louise Clarke.	"	Mary M. MacDonald	Second Rank.
Freida Ruth Hatherley.	"	Alice Donovan.	"
Annie Amelia Coates	"	Loretta MacDonald	"
Stella May Morris.	"	Katherine E. McLellan.	Third Rank.
Carrie Martha Coates	"	William Jos. McDonald	"
Edith Pauline McIvor.	"	Louise Annie McIssac	"
Martha Grace McCullum.	"	Mary McDonald	"
Mabel Rosa Smith.	"	Mary M. McGillivray	"
Ella Marie Anderson.	"	Flora Anne MacDonald	"
Eva May Hunter.	"	Mary Margaret Cameron	"
Anna Florence Smith.	"	Margaret Smith	"
		Mary Irene Hanrahan	"
		Georgina Vivian Costello	"
ANNAPOLIS—(10 candidates).		Florence C. Dunn	"
		Catherine Chisholm	"
Mary Mills Armstrong.	Second Rank.	Rebecca MacLean	"
Joseph Wilfrid Davis.	"	Catherine Lee	"
Annie Adelia Bezanson.	"	Catherine McDonald	"
Ruby Alma Wood.	"	Sarah Cecelia Cameron	"
Agnes Beatrice Baxter.	"	Florence Katherine DeCoste	"

ARICHAT—(10 candidates).

Jeanne Boudreau.	Third Rank.
Gertrude Boyd.	"
Antoinette Boudreau.	"
Grace Dorothy Maynes.	"
Clara Ann Kehoe.	"

Viola Gertrude Crown.	Second Rank.
Evelyn May Hebb.	"
Hilda Maud Feindell.	"
Dorothy Onida Haines.	"
Mildred Rodenhiser.	"
Mary L. MacMeekin.	Third Rank.
Gladys Mary Dukeshire.	"
Gladys Violet Fralic.	"
Gladys M. Rhynard.	"
Elma Hazel Ramey.	"
Annie Laura Rafuse.	"
Minnie Sylvester Rhynard	"
Verna Marion Bell.	"
Edna Gladys Mailman	"
Anna Mary Oakes.	"
Hazel June Corkum	"
Marion Geraldine Silver	"
Grace Evelyn Kaulback	"
Bessie Eliza Moore	"
Hattie Eleanor Arenburg	"
Maud May Risser	"
Ethel A. Slauenwhite	"
Rhena Blanche Crossland	"

BADDECK—(25 candidates).

Winifred B. MacNeil.	Third Rank.
Catherine MacKay.	"
Hanna Rose McKay.	"
Dorothy Margaret Crowdis.	"
Helen Annie Matheson.	"
Christena Annie McKenzie.	"
Annie Ella Rice.	"
Donald Frank McLeod.	"
Rachel Christene McQuarrie.	"

Elizabeth S. Henderson.	Second Rank.
Evelyn Vera Fox	"
Victor Bryon Robinson.	Third Rank.
Marjorie Zerelda Irving.	"
Elizabeth Mary Lyons.	"

BARRINGTON—(10 candidates).

Hazel Hildreth Smith.	Second Rank.
Vera Gertrude Friggens.	"
Ruby Helen Snow.	Third Rank.
Mary Wentzell Pike.	"
Deborah Ingles Smith.	"
John Randall Brannen.	"
Doris Grace Nickerson.	"
Annis Katherine Hamilton.	"
Lillian Evangeline Pike.	"
Blanche Mildred Smith.	"

CANNING—(5 candidates).

Eva Florence Lukeman	Second Rank.
Annie Deborah Barss	"
Lauretta Catherine Walsh	Third Rank.
Muriel Marsella McInnis	Second Rank.
Merta Dellie Hatt.	Third Rank.
Merle Francesca Hennigar.	"
Maria Anna Rafuse.	"
Aubrey Clifford Duncan.	"
Joseph Glen Mills.	"
Leila Lonergan.	"
Sadie Letha Croft.	"

BEAR RIVER—(7 candidates).

Helen Lucy Spinney.	Second Rank.
William Morris Jones.	"
Clifford G. Copeland.	Third Rank.
Abbie Marie Danielson.	"
Florence Musgrave Berry.	"
Seretta Mary Croscup.	"

CANSO—(3 candidates).

Eva Florence Lukeman	Second Rank.
Annie Deborah Barss	"
Lauretta Catherine Walsh	Third Rank.

BERWICK—(8 candidates).

Vivia Chipman Shaw.	First Rank.
Mary McL. Kinnie.	"
Gladys May Hutchinson.	Second Rank.
Cora May Munro.	"
Emelyn Morse Marsters.	"

CHESTER—(8 candidates).

Muriel Marsella McInnis	Second Rank.
Merta Dellie Hatt.	Third Rank.
Merle Francesca Hennigar.	"
Maria Anna Rafuse.	"
Aubrey Clifford Duncan.	"
Joseph Glen Mills.	"
Leila Lonergan.	"
Sadie Letha Croft.	"

BRIDGETOWN—(8 candidates).

Agnes Mae Hall.	Third Rank.
Ivy Isabel M. Tosh.	"
Edith Larene Durling.	"
Edna Pauline Lake.	"
Annie Edvina Elliott.	"
Mable Vivian Phinney.	"
Ida Mae Munro.	"
Mary Etta Balcome.	"

CHETICAMP—(1 candidate).

William Joseph McLeod.	Third Rank.
------------------------	-------------

CHURCH POINT—(1 candidate).

Audrey Alice Brownell.	Third Rank.
------------------------	-------------

DIGBY—(6 candidates).

Ina Earocaut Sabean.	Third Rank.
Bertha Maie Greene.	"
Muriel Joy Van Blarcom.	"
Reta Jane Eldridge.	"
Grace Darling MacKay.	"
Edna Irene Marshall	"

BRIDGEWATER—(28 candidates).

Hilda A. Rhodenizer.	First Rank.
Bertha Idelle Hirtle.	"

EAST RIVER ST. MARY'S.
(4 candidates).

Alice Pearl Cruickshank. Second Rank.
Elizabeth C. Fenton. Third Rank.
Catherine Ellen Cameron. "
Christena May Fraser. "

GLACE BAY—(11 candidates).

Sarah Cassie MacDonald. Second Rank.
Georgie Isabel Howie. Third Rank.
Edith Anderson. "
Greta Maria Spencer. "
Blase Campbell. "
Mary McNeil. "

GREAT VILLAGE—(18 candidates).

Fred Lawrence Moore. First Rank.
John Arthur Chisholm. Second Rank.
Gertrude A. Urquhart. "
Leta Cox. Third Rank.
Alice Cavanagh. "
Vera Muriel Fisher. "
John Darlington Williams. "
Reta McLellan. "
Winifred Fulton Lindsay. "
Minnie Jane Corbett. "
Alda Pearl Fulton. "
Grace Lavinia Lindsay. "
Marjorie Florence Palmer. "
Isabella Steele Blaike. "
Lizzie Blackader Slack. "

GUYSBORO—(19 candidates).

Beryl Sophia Lipsett. Second Rank
Susie Laetitia Giffin. Third Rank.
Andrew Samuel Adamson. "
Margaret Elizabeth Lawlor. "
Sarah Iona Hadley. "
Hilda Lauletta Lawlor. "
Winnifred Clyde Simpson. "
Evelyn Maude O'Brien. "
Harry Stanford Worthe. "
Carrie Sophie Johnston. "
Henry Hugh B. Mitchell. "
Cora Mary Callahan. "
Mabel Lillian Hart. "

HALIFAX.—(71 candidates).

Catherine Brown Superior First Rank.
Jane Cecilia Crampton. "
Grace E. Brett. "
Julia Levane. "
Margaret Kelly. "
Katherine F. Gillen. "
Eva Anna Amirault. "
Francis Cecilia McCarthy. "
Mary Eva White. "
Agnes Evelyn Finn. "
Eleanor Sullivan. "
Caroline Davison. "
Ethel Quinn. "

Hannah Kieckham. First Rank.
Katherine Buchanan. "
Julia Murphy. "
Marion Cecelia Daly. "
Margaret I. Haverty. "
Mary E. Melanson. "
Dora Maude Baker. "
John Stanley Millett. "
Beatrice Eugenie Mumford. "
Hilda Irene Sheehan. "
Annie Margaret McGrath. "
Estella Sullivan. "
Cecelia Christina McNeil. "
Teresa Rocke. "
Edith Murray Creighton. Second Rank.
Alma Grace Hoben. "
Ruby Douglas Archibald. "
Lois Sutherland Creighton. "
Pearl Collins. "
Anna Stretch. "
Judith Forbes Piers. "
Mary Julia Hallisey. "
Annie Louise Yeardon. "
Cansetta Melanson. "
Violet Rita Mary Hutt. "
Muriel Hazel Boutilier. "
Pearl Amanda Sellars. "
Elizabeth Buchanan. "
Ruth Gertrude Lee. Third Rank.
Anastasia David. "
Lucina McLeod. "
Maud Mary Bonang. "
Mary Bertha S. Havill. "
Grace Henrietta Gormley. "
Cyril William Mitchell. "
Ruth Brenda Havill. "
Adeline Grant Miller. "
Marion Rosa Elliot. "
Minnie Rachel Maufts. "
Henry Arthur Moseley. "
Edna Pearl Keeler. "
Myrtle Frances Thompson. "
Hazel May Blakeney. "
Bertha Florence Myers. "
Estella Crowley. "
Goldie Ruth Garrison. "
Bessie Cook Sutherland. "
Rebecca Jean Stoddard. "
Leah Margaret Myers. "

INVERNESS—(16 candidates).

Sr. St. Mary Michael
(Mary Jane McNeil). First Rank.
Ronald A. Gillis. Second Rank.
Bridget J. Beaton. Third Rank.
Florence Ann Cameron. "
Catherine Keenon. "
Lucy Jane Campbell. "
Roderick Allan McKinnon. "
Minnie Catherine MacKinnon. "
Jean Scott McLean. "

KENTVILLE—(1 candidate).

Florence Ada Nieforth. Third Rank.

LIVERPOOL—(12 candidates).

Emma Beals Phalen. Third Rank.
 Maude Marie MacKinnon. "
 Marion Julia VanHorne. "
 Peter Spearwater Harding. "
 Mildred Myrtle Douglas. "
 Saidie Lillian Colp. "
 Bernice Eliza Etherington. "
 Emma Maria Gaskill. "

LOCKEPORT—(10 candidates).

Anna Alecia Laing. Third Rank.
 Zella Mina Harding. "
 Eulalie Locke. "
 Theodore Page. "
 Edyth Mae Pierce. "
 Hazel Clemency Williams. "

LUNENBURG—(27 candidates).

Gladys Beatrice Durland. Second Rank.
 Minnie Innes Verge. "
 Helen Adelia Hiltz. Third Rank.
 Mona May Morash. "
 Howard Abraham Zinck. "
 Mildred Vivian Nass. "
 Vera Estella Spidell. "
 Bertha Irene Meisner. "
 Laurette May Rhodenizer. "
 Starr Albert Young. "
 Viola Mary Mulock. "
 Hilda Naomi Mason. "
 Mamie Viola Naas. "
 Hilda May Backman. "
 Lillian Mona Spidell. "
 Nellie Louise Romkey. "
 Louisa Mabel Naas. "
 Effie Eldora Crouse. "
 Daniel Glengyle Diehl. "
 Amy Clara Louise Himmelman. "

MAHONE—(12 candidates).

Irene Silvyva Andrews. Third Rank.
 Marguerite Elaine Hamm. "
 Maurice Benjamin Hamm. "
 Genevieve Mary Veinotte. "
 John Freedk Clare Albrecht. "
 Mary Ida Demond. "
 Clara Marguerite Freeman. "
 Violet Victoria Kedy. "
 Myrna Amelia Hyson. "
 Nellie Lee Drew. "

MAITLAND—(8 candidates).

Edith Maie Driller. Second Rank.
 Lucy Adeline White. "
 Augusta Olding Smith. Third Rank.
 Helena Blanche Densmore. "
 Mary Georgina Fiske. "
 Gertrude Mary O'Donnell. "
 Greta Gilmore McLellan. "

MARGAREE FORKS—(4 candidates)

Margaret MacDaniel. Third Rank.
 Mathilda Eliza McLean. "

MIDDLE MUSQUODOBOIT.
 (11 candidates).

Eldridge Cyril Wright. Second Rank.
 Edith May White. "
 Allison Hood Farnell. "
 Jennie Parker Burris. "
 Catherine Winnifred Kent. "
 Mary Gates Sibley. Third Rank.
 May Archibald. "
 Fannie Burris. "
 Lena May Gordon Reid. "
 Gertrude Jean Ellis. "
 Violet Ella Prest. "

MIDDLETON—(21 candidates).

Nina May Neily. Second Rank.
 Hazel Mae Woodbury. "
 Grace Muriel Lantz. "
 Josephine Myrtle Banks. Third Rank.
 Alice Hurlbutt Whitman. "
 Asaphine Gladys Crouse. "
 Stella Pearl Parker. "
 Cecelia Matilda Layton. "
 Annie Sarah Watson. "
 Jessie Pearl Swallow. "
 Frederick Primrose Whitman. "
 Julietta Pearl Fairn. "
 Laura Mae Payson. "
 Carrie Olga Marshall. "
 Celia Grace Hines. "
 Gladys May Hayes. "
 Bessie Myrtle Parker. "

NEW GLASGOW—(25 candidates).

Marion McLaren Butler. Second Rank.
 Catherine Tena Munroe. "
 Mary Persis Cameron. "
 Kathleen Maude Day. "
 Annie Isabel Rose. "
 Laura Elizabeth Smith. "
 Dolina Pearl Munroe. "
 Ella May MacDonald. "
 Jennie McDermid. "
 Jean Agnes Sutherland. "
 Edna Catherina Robertson. Third Rank.
 Lida Meta Larsen. "
 Annie Laura Dawson. "
 Catherine Crerar Dunn. "
 Ida May MacDonald. "
 Olive Kathleen Smith. "
 Margaret Isabel Cameron. "
 Isabel Henderson. "
 Rosa Belle Bonsfield. "
 Myrtle Campbell. "
 Marjorie Gordon Holmes. "
 Margaret Laura Blair. "
 Kathryn Margaret Waugh. "

NORTH SYDNEY—(7 candidates).

Daisy Pearl Devoe.	Third Rank.
Mary Ann Nicholson.	"
Margaret Sadie MacNeil.	"
Elizabeth Annie McNeil.	"
Mary Ann Bond.	"

Katherine Grace Harris.	Third Rank.
Elizabeth Dorothy Harris.	"
Margaret Isabelle Creighton.	"
Williamina Creighton.	"
Margaret Gray Munro.	"
John Owen MacLeod.	"
Anna Marguerite Carson.	"
Elizabeth Jane Kennedy.	"

OXFORD—(21 candidates).

Clifford Byron Chapman.	Third Rank.
Douglas Harold Highet.	"
Teresa Nina Crawley.	"
Mary Leola Canning.	"
Marion Frances Black.	"
Catherine Isabel Angevine.	"
Anna Mabel Cooke.	"
Beatrice MacDougall.	"
Florence Ina VanBuskirk.	"
Gladys DeVera Canning.	"
Leona Grace Stewart.	"
May McCormick.	"
Lena Blanche Rogers.	"
Georgie Lulu Black.	"
Lella Mae Ripley.	"
Hazel Reta DeWolfe.	"
Vivian Jean DeWolfe	"
Sarah Emma DeWolfe.	"
Beatrice Elizabeth Chisholm.	"
Gertrude Irene Thompson.	"

PARRSBORO—(17 candidates).

Annetta Mabel Rose.	Second Rank.
Chester Gibbons.	Third Rank.
Mary Jeanetta Gilbert.	"
Bessie Beatrice Brown.	"
Edward Arthur Fulton.	"
Maggie Colter Rose.	"
Mark Wylie Willigar.	"
Grace D. O'Regan.	"
Caroline Hughena Salter.	"
Sara Kathleen Fullerton.	"
Marie Leonetta Jeffers.	"
Rose Elizabeth Bowden.	"
James Oskome Layton.	"

PICTOU.—(29 candidates).

Mary C. Sutherland.	Sup. First Rank.
Hazel Irene Patterson.	First Rank.
Katherine E. Bryenton.	Second Rank.
Mary Isabel MacCara.	"
Bertha Fraser.	"
Lester Cameron.	"
William Edwin Harris.	Third Rank.
Martha Katherine Bell.	"
Nina Catherine Cameron.	"
Catherine Fraser.	"
Margaret Alfreda Barry.	"
Olive Berry MacKenzie.	"
Muriel Goddie Matheson.	"
Mary Olive Gray.	"
Howard John Adamson.	"
Lauretta Margaret Smith.	"
Katherine Louise Henderson.	"

PORT HAWKESBURY.
(16 candidates).

Mary Hilda Purcell	Sup. First Rank.
Rena Mary Fox.	Second Rank.
Grace Helena MacLean.	"
Euphemia M. McKinnon.	Third Rank.
Annie Bertha Johnson.	"
Sadie Belle MacKay.	"
Cassie Anna Martin.	"
Jessie Flord McLean.	"
Mary Catherine Miller.	"
Katherine Eva MacKichan.	"

PORT HOOD—(18 candidates).

Mary Annette MacDonald.	First Rank.
Katherine MacDonald.	"
Daniel Edward Smith.	"
Philomena Smyth.	Third Rank.
Katie Maria Smith.	"
Margaret Jessie MacMaster.	"
Flora Ellen McDonald.	"
Dougald Archie Gillis.	"
Anna Livingstone Smith.	"

PUGWASH—(9 candidates).

Kate Elfreda MacNab.	Second Rank.
Isa Christena DeMings.	"
Annie Evangeline Whitman.	Third Rk.
Hazel Brownie Doyle.	"
James Doncaster Langil.	"
Annie Ruth Black.	"
Carolyn Gordon Lowden.	"

RIVER JOHN—(15 candidates).

Charles Penny McCabe.	Sup. First Rk.
Isabel Esther MacLennan.	Third Rank.
Lovella Jean Tattrie.	"
Marie Margaret McDonald.	"
Pauline Catherine Murray.	"
Catherine Ruth Ross.	"
Annie Katherine Tattrie.	"
John Oslar MacLean.	"
John Elward MacLeod.	"
Louise Jane Murphy.	"
Mary Verna Dwyer.	"
Annie Amelia Watt.	"
Bessie Ellenor Elliott.	"
Jennie Irene MacLanders.	"
Margaret Ann MacGregor.	"

SHEET HARBOR—(13 candidates).

Annie Laurie McPhail S'p'r First R'k.
 Myrtle Enid Webber. First Rank.
 Stella Beatrice Hilchie. Second Rank.
 Edith Lucy MacInnes. Third Rank.
 Essie Vevetta James. "
 Joanna Hartling. "
 Lydie Fahie. "
 Annie Edith Cooke. "
 Laura Maude MacDonald. "

SHELBURNE—(11 candidates).

Olive Chadsey Harlowe. First Rank.
 Valda Barbara Downie. Third Rank.
 Hazel Oneita Swimm. "
 Elmore O'Connor. "
 Margaret Irene Jones. "
 Helena Augusta Hood. "
 Hilda May Perry. "
 Charlotte E. Crowell. "
 Edna Almeda Hagar. "

SHERBROOKE—(5 candidates).

Clara Isabel Fisher. Third Rank.

SPRINGHILL—(21 candidates).

Viola E. Stonehouse. Third Rank.
 Gertrude Barlow. "
 Lettie Lowther. "
 Mary D. Cameron. "
 Emma Coon. "
 Hulda Drucilla Wotton. "
 Thelma Claude Davidson. "
 Gladys Harriet Tabor. "
 Irma Claudina Noiles. "
 Lucy May Ruse. "
 Mary McMillan. "
 Viola Lillian Murphy. "
 Alta May Dow. "
 Harriett Beatrice Roblee. "
 Rosanna Lavenia Brown. "
 Fouletta MacLeod. "
 Oman Fulton Gilroy. "

STELLARTON—(8 candidates).

Margaret Chrystal Higson Third Rank.
 Christena Margaret McLeod. "
 Jessie Higson. "
 Christena I. MacLellan. "
 Bessie Olga Chisholm. "
 Janie Campbell. "
 Hazel McKay. "

SAINT PETERS—(18 candidates).

Mary Josephine Kyte. Second Rank.
 Eunice Viola Kyte. Third Rank.
 Katherine Elizabeth Coffey. "
 Mary Alberta O'Toole. "
 Robert Alexander Ross. "
 Alexina May Ross. "

SYDNEY.—(23 candidates.)

Jessie May MacKinnon. First Rank.
 Agnes Cecilia Keefe. "
 Charles William Spencer. "
 Annie Leslie Bown. "
 Gertrude Mary Cozzolino. "
 Catherine C. Martin. "
 Annie Baxendale. Second Rank.
 Christine MacKenzie MacLeod. "
 William Angus McKay. "
 Jessie Mary MacAskill. "
 James Murray Ratchford. "
 Mary Purcell. Third Rank.
 Harriett Bernice Musgrave. "
 Eileen Bates. "
 Mary Abigail Moreshead. "
 Annie Campbell. "
 Catherine McDonald. "
 Katherine A. McNeil. "
 John Kenneth Ross. "
 Emma Patricia Boyle. "

SYDNEY MINES—(5 candidates).

Mary Emily Peck. Third Rank.
 Veronica Catherine White. "
 Annie Catherine McNeill. "

TATAMAGOUCHE—(18 candidates).

Lizzie Ellen Hickey. Second Rank.
 Katherine Bell Roberts. "
 George Edward Myers. "
 Annie Isabelle Fraser. Third Rank.
 Mary Lavinia Kennedy. "
 Rhoda Ross. "
 Mary Christena Sutherland. "
 Varina Lillian Ross. "
 Jean Drysdale. "
 Alice Ethel McInnis. "
 Mildred Azelea Seaman. "
 Lottie Treen Hartling. "
 Elizabeth Mary McKay. "
 Effie Lillian Miller. "
 Elizabeth Muriel Tucker. "
 Barbara Alice Beattie. "
 Reta Marion Laurie. "

TRURO—(21 candidates).

Leah Marion Leck. First Rank.
 Harriet Louise Lindsay. "
 Harry Austin McCleave. "
 Ada Brooklyn Matheson. "
 John Ernest Logan. "
 Etta Robina Johnson. Second Rank.
 Elsie McLeod. "
 Carrie Waugh Lynds. "
 Ella Elizabeth Rankine. "
 Annie Evelyn McCurdy. "
 Dora Evelyn McNutt. "
 Evelyn Louise McLellan. "
 Mary Alfreda Miller. "

Harriet Cath. MacDonald Third Rank.
 Alice Maud Lynch. "
 Richard Fredk. Blaike Campbell "
 Gladys Annie Wickwire. "
 Alice Amelia Etter. "
 Edith Lavenia Hennigar. "
 Emily Inez Phillips. "

UPPER STEWACKE—
 (5 candidates).

Florence Joy Blackie, First Rank.
 Bertha May Archibald. "
 Genevieve R. Louise Selig Third Rank.
 Ellen Kate MacKen zie. "
 Susan Fulton Dean. "

WESTPORT—(3 candidates).

Viola Blanche Morehouse First Rank.
 Laura Evans Frost. Second Rank.
 Dorothy Bernice Bower. Third Rank.

WESTVILLE—(11 candidates).

Mattie Elizabeth Atkinson
 Second Rank.
 Rod McDougald Richardson. "
 Catherine Baillie Hayman. "
 Gertrude Crockett. "
 Elizabeth Allen. "
 Annie Mary MacGregor. "
 Christena Beryl Saunders. "
 Ella Fraser Sutherland. Third Rank.
 Jessie Catherine Fraser. "
 Jessie MacGregor. "
 Annie Catherine McPherson. "

WINDSOR—(21 candidates).

Eva Estelle MacDougall. First Rank.
 Joanna Agitha McDonald Second Rank.
 Ida May Sanford. "
 Nellie Hildred Burgess. "
 Florence Alberta Burgess. "
 Hattie May Barkhouse. Third Rank.
 Lavola Camilla Cox. "

Annie Wilhelmina Knowles. Third R'k.
 Bessie Bertha Barker. "
 Sadie Robinson. "
 Gertrude Mabel Casey. "
 Laura May Sanford. "
 Flossie MacIsaac Smith. "
 Ellen Eliza Smith. "
 Maggie Jane Hill. "
 Laura Margaret Rose. "
 Mabel Gladys Cochrane. "
 Viola Alice Bowes. "
 Ina Grace Thompson. "
 Annie Ada Lantz. "

WOLFVILLE—(2 candidates).

Evelyn Jean Reid. Third Rank.
 Mary Josephine Graham. "

WOODS HARBOR—(4 candidates).

Stella Muriel Nickerson. Third Rank.
 Beulah Alberta Nickerson. "
 George St. Clair Wilson. "

YARMOUTH—(25 candidates).

Marguerite W. Kinney. Second Rank.
 Barbara Helen Graham. "
 Hazel Gladys Trefry. "
 Norma Bingay Horner. "
 Elizabeth Martha Simms. Third Rank.
 Dorothy Hatfield. "
 Dorothy McCarthh Moses. "
 Hilda Isabel Burrell. "
 Sadie Burrows Bullerwell. "
 Mildred Elna Hines. "
 Hazel Emma Hurlbert. "
 Emily Caroline Perry. "
 Janet Melissa Pitman. "
 Beatrice Mary Earle. "
 Josie Teresa Trefry. "
 Katherine Alba Ryder. "
 Calvin Valpy Marshall. "
 Mamie Gladys Trefry. "
 Decima Abagil Higby. "
 Francis Willard Robbins. "

PROVINCIAL NORMAL COLLEGE OF NOVA SCOTIA.

DIPLOMA AWARDS, SESSION OF 1912-13.

Awarded Superior First Rank.

Mary Isabella Davidson, B. A.	Amherst	Cumberland.
Katherine Roscoe Dawson	Avonport	Kings.
Janet Gordon Graham	New Glasgow	Pictou.
Stella Mabel Higgins	Crowe's Mills	Colchester.
Marion Emily Martin	Port Hawkesbury	Inverness.
Christine McKinnon, B. A.	Antigonish	Antigonish.
Leonie Nellie McMillan	Amherst	Cumberland.
Nellie Jane Sinclair	South River Lake	Guysboro.
William Allison Doane	Truro	Colchester.
Duncan Kenneth Finlayson, B. A.	Grand River	Richmond.
James Harold Fitch	Truro	Colchester.
Samuel Burton Trerice, B. A.	E. Leicester	Cumberland.
John Alexander Weatherbee, B. A.	New Glasgow	Pictou.
Harrison Flint Lewis	Arcadia	Yarmouth.

To be Awarded Superior First on fulfilling certain conditions of Successful Teaching, High School Examination, etc.

Edith May Blackie, B. A.	Halifax	Halifax.
Mary Alberta Ellis	Sydney	Cape Breton.
Ella Geraldine Holder, B. A.	Halifax	Halifax.
Mary Evangeline Hynes	D'Escousse	Richmond.
Alice Isabelle O'Brien	Noel	Hants.
Annie Isabel Rettie, B. A.	Stillman	Pictou.
Gladys Geraldine Stephens	Tenecape	Hants.
Bernice Curry Wilson, B. A.	Waverley	Halifax.
Charles Reuben Dyas, B. A.	Parrsboro	Cumberland.
Harry Percy Lockhart, B. A.	Hantsport	Hants.
Beatrice Eugenie Mumford, B. A.	Dartmouth	Halifax.

Awarded First Rank Diploma.

Wenona Abbott	Forbes Point	Shelburne.
Annie Florence Archibald	Great Village	Colchester.
Aileen Letitia Armstrong	Summerville	Hants.
Lena Maude Bambrick	Elderbank	Halifax.
Winifred Blackman	Halifax	Halifax.
Alice Marion Bowlby	Aylesford	Kings.
Bessie Christie Brenton	Mid Stewiacke	Colchester.
Edith Sarah Brown	Windsor	Hants.
Elsie Calder	Springville	Pictou.
Marie Elizabeth Calder	Somerset	Kings.
Edna Reynolds Card	Center Burlington	Hants.
Elverena Langille Carter	Debert Station	Colchester
Florence Agnes Chisholm	Five Islands	Colchester.
Ella Mae Clarke	Stake Road	Cumberland.
Ethel May Conrad	Halifax	Halifax.
Gladys Mae Coulter	Wallace Station	Cumberland.
Laura Margaret Cunningham	Bayhead	Colchester.
Alma Margaret Doucett	Tusket	Yarmouth.
Vera Grace Eaton	Granville Centre	Annapolis.
Clara Evangeline Elliott	Granville Center	Annapolis.
Hilda May Fendel	Clarence	Annapolis.
Merna Myra Franke	Bridgewater	Lunenburg.
Lulu Faulkner Fraser	Pleasant River	Queens.
	Masstown	Colchester.

Natalie Freeman	Halifax	Halifax.
Viola Amelia Fulmer	Bridgetown	Annapolis.
Mary Floretta Hatfield	Truro	Colchester.
Gladys May Jackson	Paradise	Annapolis.
Mabel Johnston	Sydney Mines	Cape Breton.
Rubie Jennie Amanda Kaulbach	Lunenburg	Lunenburg.
Florence Pearl Louise Kedy	Mahone	Lunenburg.
Vera Minerva Kelley	River Hebert	Cumberland.
Verta Pauline Lantz	Newhoss	Lunenburg.
Rose Frances Lawlor	Guysboro	Guysboro.
Gwendolen Frances Lynch	Shubenacadie	Hants.
Katherine Christine Macauley	Glace Bay	Cape Breton.
Iola Emma McCully	Debert Station	Colchester.
Irene Laxton MacCurdy	Truro	Colchester.
Annie Anderson MacDonald	Grand River	Richmond.
Eva Marion MacDonald	New Glasgow	Pictou.
Margaret MacK. MacDonald	Churchville	Pictou.
Mary MacDonald	Maryvale	Antigonish.
Mary Teresa MacGuire	Whiteburn	Queens.
Annie MacInnis	Cape George	Antigonish.
Estella Jean MacKenzie	Up. Nile Mile River	Hants.
Marjorie Katherine MacKenzie	Gairloch	Pictou.
Settie Viola MacKenzie	Hazel Hill	Guysboro.
Jessie MacKenzie	North Sydney	Cape Breton.
Erma Reta MacLaughlin	Lower Economy	Colchester.
Annie Margaret McLeod	South Gut	Victoria.
Hattie Laurence MacLeod	Stellarton	Pictou.
Mildred Elizabeth McMurtery	Margaretville	Annapolis.
LeEtta Jennie McPherson	Springhill	Cumberland.
Mary Ann M. MacSavaney	Springhill	Cumberland.
Lillian Melanson	Joggins Mines	Cumberland.
Emily Jaunita Mills	Granville Ferry	Annapolis.
Ida Lillian Mitchell	Wallbrook	Kings.
Effie Thelma Mott	West Brook	Cumberland.
Ella Marguerite Munn	North Sydney	Cape Breton.
Lexie Victoria Murray	Springhill	Cumberland.
Williamina Janet Murray	Green Hill	Pictou.
Rena Blanche Nauss	Chester	Lunenburg.
Frances Alfreta Noiles	Springhill	Cumberland.
Juene Irene Pace	Halifax	Halifax.
Edith Courtney Paget	Hazel Hill	Guysboro.
Mary Elizabeth Potter	Clementsvale	Annapolis.
Annie Heath Parsons	Springhill	Cumberland.
Daisy Rebecca Prime	Freeport	Digby.
Mildred Irene Ripley	Maccan	Cumberland.
Annie Irene Roney	Granville Center	Annapolis.
Geraldine Olive Ritcey	Riverport	Lunenburg.
Gladys Belle Ryan	Truro	Colchester.
Gretchen Mawhyrter Churchill	Digby	Digby.
Lida Marie Smith	Kirk Hill	Cumberland.
Florence Etta Stoddard	Clam Harbor	Halifax.
Hildred Bessie Stoddard	Musquodoboit	Halifax.
Gladys Blanche Strong	Lakeville	Kings.
Blanche Mary Surette	Wedgeport	Yarmouth.
Beatrice Eugenie Troop	Granville Center	Annapolis.
Nellie Minerva Trevoiy	Brighton	Digby.
Merynie Louise Veneau	Lunenburg	Lunenburg.
Marjorie Warr	Falmouth	Hants.
Elsie Wilhelmina Wentzell	Pleasant Point	Halifax.
Marguerite Bishop West	Lawrencetown	Annapolis.
Ethel Blanche Withrow	Hardwood Land	Hants.
Jessie Arline Wolfe	Dartmouth	Halifax.
Margaret Isabelle Wright	Montague	P. E. Island.
Nellie Claire Wright	Truro	Colchester.
Ermina Vesta Young	Brighton	Digby.
Reta May Young	Freeport	Digby.

Florence Hillard Zinck	Chester	Lunenburg.
Jessie Jane Zinck	East Chester	Lunenburg.
George William Etienne	Descousse	Richmond.
Avery George Hawboldt	Marriott's Cove	Lunenburg.
Frederic Eugene Lent	Freeport	Digby.
Albert Edward McCormick	Granville Center	Annapolis.
Crandell Prescott Nodwell	Advocate Harbor	Cumberland.
Leslie Clifford Nickerson	Lr. Woods Harbor	Shelburne.
Iscilda Vaughan Allen	Allendale	Shelburne.
Bertha Catherine Decker	Swansburg	Shelburne
Laliah Ann Mauzar	Bridgewater	Lunenburg.
George Reuben Underwood	Five Mile River	Hants.
Elsie Vivian Simpson	Truro	Colchester.
Helen Margaret Harrison	Dartmouth	Halifax.
Annie Copeland MacDonald	Lr. Barney's River	Pictou.

To be Awarded First Rank after One Year of Successful Teaching, in meantime Awarded Second Rank.

Katheleen Davis	Sydney Mines	Cape Breton.
Janet Mary Grant	Meagher's Grant	Halifax.
Faye Marshall	Spa Springs	Annapolis
Lena Margaret Muhler	Martock	Hants.
Vera Glisson Ogilvie	MacKay's Corner	Cape Breton.
Myra Coldwell Ring	Freeport	Digby
Mary Ellen Rogers	E. Roman Valley	Guysboro.
Sadie Olivia Tait	Amherst	Cumberland
Edith Louise Trenholm	Grand Pre	Kings.
Susie Elleiln Troop	Granville Center	Annapolis.
Severin LeBlanc	Margaree Forks	Inverness
James Percy Scott	East Shore	Hants.

Awarded Second Rank.

Lucie Marie Comeau	Grosses Coques	Digby.
Bessie Jane Edwards	Hilden	Colchester.
Elizabeth Ellen Ellis	Truro	Colchester.
Minnie Evangeline McMillan	Sheet Harbor	Halifax
Jacobine Locke Smith	Lockeport	Shelburne.
Charles William McIntosh	Pleasant Bay	Inverness.
Beulah Brenton Acker	Lake Pleasant	Annapolis
Louise Blanche Anthony	Kennetcook Corner	Hants.
Florence Lily Awalt	Hemford	Lunenburg.
Lottie Myrtle Benedict	Martock	Hants.
Sadie Lelia Berry	Lr. Economy	Colchester.
Ethel Mina Berry	Lr. Economy	Colchester.
Mary Fawcett Blenkhorne	Maccan Station	Cumberland.
Ethel Theresa Boudreau	Eel Brook	Yarmouth.
Estelle Bourque	Eel Brook	Yarmouth
Louise Agnes Bourque	Eel Brook	Yarmouth.
Mary Boyle	Eel Brook	Yarmouth.
Catherine Boyle	Afton	Antigonish
Annie Augusta Bruce	Beanly	Antigonish
Sarah Brown	Shelburne	Shelburne.
Alma Louise Buckler	Sydney Mines	Cape Breton.
Hazel Belle Cameron	Dalhousie West	Annapolis.
Florence Chisholm	Glace Bay	Cape Breton.
Sarah Christina Chisholm	Glassburn	Antigonish.
Mary Lane Colter	Summerside	Antigonish.
Annie May Colter	River John	Pictou.
Artemise Comeau	Hartford	Cumberland.
Lulu Gertrude Cook	Meteghan River	Digby.
Ida May Crittenden	Bridgewater	Lunenburg.
Charlotte Evangeline Dargie	Mulgrave	Guysboro.
Mary Ellen Deveau	Bridgetown	Annapolis.
Mary Evelyn Doucette	Mavilette	Digby.
	Cape St. Mary's	Digby.

Lena Grace Downie	Margaretville	Annapolis.
Minnie Kathleen Farrell	Barrington	Shelburne.
Irene Fullerton	Pictou	Pictou.
Ethel May Gilroy	Springhill	Cumberland.
Mabel Evelyn Goodwin	Lr. Woods Harbor	Shelburne.
Lillian Elizabeth Gouthro	French Vale	Cape Breton.
Leora Gurda Hagar	Round Bay	Shelburne.
Ella Cook Hall	Burlington	Kings.
Lottie Violet Harrington	Lr. Economy	Colchester.
Carrie May Hartt	Boylston	Guysboro.
Helen Coggins Hayford	Westport	Digby.
Winnifred Bythenia Hemeon	Arnold	Shelburne
Jean Aileen Hendersson	Truro	Colchester
Carrie Ellen Himmelman	Rose Bay	Shelburne
Catherine Cameron Homer	Pleasant Valley	Antigonish.
Cecelia Frances Jenkins	Guysboro.	Guysboro.
Hattie Rachel Johnson	Brentwood	Colchester.
Ethel Johnson	Red Islands	Richmond.
Hazel Floy Joudrey	Mahone Bay	Lunenburg.
Ella Lamina Kaulbach	Dalhousie Road	Kings.
Helen Jeanetta Kent	Truro	Colchester.
Edith May Kilcup	Windsor	Hants.
Helen Mary Layton	Truro	Colchester.
Florence Marion Lent	Freeport	Digby.
Annie Elizabeth LeBlanc	Grosses Coques	Digby.
Hattie Jane LeBlanc	Margaree Forks	Inverness.
Annie Rose LeBlanc	Friar's Head	Inverness.
Elizabeth Alice Lowe	Moser's River	Halifax.
Phebe May Luddington	Up. New Harbor	Guysboro.
Nola Pearl Maguire	Steep Creek	Guysboro.
Nina Annie May Marshall	Burlington	Kings.
Jennie Muir	Westville	Pictou.
Velma Viella McCully	Bible Hill	Truro.
Christina MacDonald	Mull River	Inverness.
Catherine MacDonald	New Glasgow	Pictou.
Mary Cassie MacDougall	Broad Cove Marsh	Inverness.
Mary Agnes MacDougall	Havre au Bouche	Antigonish.
Penelope McEachern	S. S. Cape George	Antigonish.
Florence May MacFadyn	River Denys	Inverness.
Catherine Cullena McInnis	West Bay	Inverness.
Dolena McIver	Barney's River	Pictou.
Jennie Marion MacKay	E. Branch River John	Pictou.
Jean MacKay	Baddeck	Victoria.
Gertrude May MacKenzie	Lower Selma	Hants.
Marjorie Belle McLellan	Inverness	Inverness.
Mary Cecilia MacNeil	Glace Bay	Cape Breton.
Sarah Ann MacNeil	Glace Bay	Cape Breton.
Sarah Ann MacPherson	Clydesdale	Antigonish.
Eva Mehetable Nichols	Lochaber	Antigonish.
Hattie Iona Outhouse	Tiverton	Digby.
Winnifred Maud Phillips	Wentworth	Hants.
Elva Christy Rutherford	Newton Mills	Colchester.
Laura Eva Sauliner	Corberrie	Digby.
Margaret Mills Schaffner	Karsdale	Annapolis.
Mildred Marion Spencer	Mira Gut	Cape Breton.
Sadie Mildred Spidell	Parkdale	Lunenburg.
Agnes Eleanor Suggatt	Truro	Colchester.
Lillian Taylor	Swansburg	Shelburne.
Sadie Thompson	Halifax	Halifax.
Laura Hilary Townshend	Louisburg	Cape Breton.
Emma May Underwood	Three Mile Plains	Hants.
Mary Catherine Walker	W. Lake Ainslie	Inverness.
Della Eloise Wallace	Shubenacadie	Hants.
Dora Adelia Wile	Midville	Lunenburg.
Edgar Willard Mingo	Denmark	Colchester.

Joseph Raymond Meuse.....	Eel Brook.....	Yarmouth.
Joseph Alphonsus Webb.....	Havre au Bouche.....	Antigonish.

To be Awarded Second Rank after One Year of Successful Teaching, in the meantime Awarded Third Rank.

Bessie Arseneau.....	Belle Cote.....	Inverness.
Pearl Marion Archibald.....	Great Village.....	Colchester.
Christina Cameron.....	Lr. South River.....	Antigonish.
Elizabeth Josephine Cash.....	Irish Cove.....	Cape Breton.
Mary Catherine Chisholm.....	North River.....	Antigonish.
Sadie Chisholm.....	Heatherton.....	Antigonish.
Elite Rose D'Eon.....	West Pubnico.....	Yarmouth.
Helena Mae Higby.....	Woodvale.....	Digby.
Christena Laura McClair.....	Newport Corner.....	Hants.
Mary Catherine McDonald.....	Inverness.....	Inverness.
Catherine Bessie McDougall.....	Christmas Island.....	Cape Breton.
Lola Elizabeth Perry.....	Round Bay.....	Shelburne.

Awarded Third Rank.

Jessie May Alders.....	Alderville.....	Lunenburg.
Margaret May Comeau.....	Meteghan River.....	Digby.
Edith Amelia Crittenden.....	Mulgrave.....	Guysboro.
Hilda Gertrude Crooks.....	Spanish Ship Bay.....	Guysboro.
Florence Rose DeCoste.....	Linwood.....	Antigonish.
Isabell Jean Decker.....	Swansburg.....	Shelburne.
Gertrude Florence Greene.....	New Tusket.....	Digby.
Anna Evelyn Glawson.....	Pleasant Harbor.....	Halifax.
Viva Evelyn Halfpenny.....	Middle Melford.....	Guysboro.
Mary Ann Laurie.....	Sand Point.....	Shelburne.
Helena Jane Levandier.....	Franckville.....	Antigonish.
Mary Ellen McDonald.....	Briley Brook.....	Antigonish.
Sarah Mary McFadyn.....	Malagawatch.....	Inverness.
Christena McInnis.....	Shenacadie.....	Cape Breton.
Lizzie May McIntosh.....	Central New Annan.....	Colchester.
Agnes May McKay.....	Kempt Head.....	Cape Breton.
Carrie Estelle McKenzie.....	Plainfield.....	Pictou.
Sadie May McLellan.....	South Side Harbor.....	Antigonish.
Mary Elizabeth Miller.....	Mira Gut.....	Cape Breton.
Josie Ann Morrison.....	Boulardarie.....	Cape Breton.
Edith Frances Somers.....	Middle Melford.....	Guysboro.
Katie Georgina Spanks.....	Boylston.....	Guysboro.
Ruey Elizabeth Teed.....	Oxford.....	Cumberland.
Mary Elsie Thimot.....	Little Brook.....	Digby.
Ruth Underwood.....	Windsor.....	Hants.
Sadie Belle Zinck.....	Lunenburg.....	Lunenburg.

Recommended to Provisional License, valid till July 31st, 1914.

Isabel Grant.....	Glassburn.....	Antigonish.
Matilda Arseneau.....	Belle Cote.....	Inverness.
Isabella Rogers.....	E. Roman Valley.....	Guysboro.

Awarded Diploma as Kindergartner of First Rank.

Hilda Eliza Buckley.....	Guysboro.....	Guysboro.
Alice Louise King.....	Truro.....	Colchester.
Bessie May MacDonald.....	Truro.....	Colchester.

Kindergarten of Second Rank.

Ethelyn Mary Christie.....	River Hebert.....	Cumberland.
----------------------------	-------------------	-------------

Awarded Diploma in Mechanic Science.

Russell Edgar Ripley.....	Fenwick.....	Cumberland.
Simon Peter Gillis.....	Sydney.....	Cape Breton.

Recommended to License in Domestic Science.

Beatrice Mary Turner.....	Berwick.....	Kings.
Nettie Leach Baltzer.....	Middleton.....	Annapolis.
Edna Irene Lightbody.....	Masstown.....	Colchester.

ADVANCEMENT OF GRADUATES OF FORMER YEARS.**From Superior First to Academic.**

Robert John McInnis, B. A.....	West Bay.....	Cape Breton.
George Russell Bancroft, B. A.....	Halifax.....	Halifax.

From First Rank to Superior First.

William Henry McNeily.....	McNeily's P. O.....	Annapolis.
Christine Anna May McKinnon.....	Louisburg.....	Cape Breton.
Jamesina Moore.....	Shubenacadie.....	Hants.
Mary Albee Chesley, B. A.....	Lunenburg.....	Lunenburg.
Eda Maude Nelson.....	Truro.....	Colchester.
Daniel W. Hoar.....	East Mountain.....	Colchester.
Archibald John Ruggles.....	Weymouth.....	Digby.
Mary Lillian Distant.....	Halifax.....	Halifax.
Lillian Gertrude Clark.....	Halifax.....	Halifax.
Susan Amelia Deane Creelman.....	Truro.....	Colchester.
Edith Jean MacGregor.....	Great Village.....	Colchester.
Hortense Blackmore.....	Stewiacke.....	Colchester.
Minnie Myrtle Bryson.....	Truro.....	Colchester.
Jean Whitman, B. A.....	Pugwash.....	Cumberland.

From Second to First Rank.

Leona MacPherson.....	Springhill.....	Cumberland.
Giles Vernon Jacques.....	Middleton.....	Annapolis.
Kathleen Regis McLeod.....	North Sydney.....	Cape Breton.
Isabella MacDonald Anderson.....	New Aberdeen.....	Cape Breton.
Sarah Edna Knox.....	Sydney Mines.....	Cape Breton.
Dora Dawn Wile.....	Bridgewater.....	Lunenburg.
Elva May Kedy.....	Mill Village.....	Queens.
Jessie MacKeen Maxwell.....	Halifax.....	Halifax.
Janet Frances Cameron.....	St. George's Channel.....	Cape Breton.
Sadie Belle MacDaniel.....	Portree.....	Inverness.
Dara Mason Cochrane.....	Middleton.....	Annapolis.
Annie Flinn Morris.....	Little Forks.....	Cumberland.
Winnie Moss.....	Springhill.....	Cumberland.
Mary Pearl O'Rourke.....	Springhill.....	Cumberland.
Mary Nicholson.....	Lit. Bras d'Or Bridge.....	Cape Breton.
Margaret Mary O'Keefe.....	Glace Bay.....	Cape Breton.
Violet Elizabeth Bown.....	North Sydney.....	Cape Breton.
Stella McEachern.....	Mulgrave.....	Guysboro.
Jennie I. Stropole.....	Baddeck.....	Victoria.
Jennie Hallett Freeman.....	Farmington.....	Cumberland.

From Third Rank to Second.

Maisie MacDonald.....	Antigonish.....	Antigonish.
Delina Doucet.....	Friar's Head.....	Inverness.
Agnes Giddens Graham.....	Lr. Economy.....	Colchester.
Mary LeBlanc.....	Belle Cote.....	Inverness.
Christena Cameron.....	W. Lake Ainslie.....	Inverness.
Paul Fabien LeBlanc.....	Little River.....	Inverness.

Annie Gillis.....	Soldier's Cove.....	Richmond.
Carletta Whidden.....	Brookfield.....	Colchester.
Nina Freethy Bradley.....	Princeport.....	Colchester.
Philip Gabriel Doucet.....	Grand Etang.....	Inverness.
Marie Aimee LeBlanc.....	Digby.....	Digby.
Margaret Hines.....	Whitney Pier.....	Cape Breton.
Anna Muriel Rose.....	Wallace.....	Cumberland.
Cora Blanche Isenor.....	Hansford.....	Cumberland.

To Third Rank.

Annie May Jewers.....	West Quoddy.....	Halifax.
Gertrude W. DeRoche.....	Arichat.....	Richmond.
Henerietta J. Cameron.....	St. Peters.....	Richmond.
Margaret Ann Chisholm.....	Marydale.....	Antigonish.
Katherine Ann Tait.....	Grosvenor.....	Guysboro.
Rose Amy Babin.....	Eel Brook.....	Yarmouth.
Emma Mae Brownell.....	Linden.....	Cumberland.

RURAL SCIENCE TRAINING SCHOOL.

8th July to 8th August, 1913.

[List of students of the Rural Science School with their records. The numerals opposite the names indicate the subjects on which the pupil made a pass of 60 per cent. Those who passed in four or more subjects received a certificate entitling them to make application for special grant. The subjects of the course are numbered as follows: (1) Nature Study; (2) Botany; (3) Chemistry; (4) Soil Physics; (5) Biology; (6) Horticulture; (7) Physics; (8) Entomology; (9) Bird Study; (10) Geology; (11) Bacteriology; (12) Agriculture; (13) Plant Diseases; (14) Mechanic Science; Those marked "Diploma" have completed the full course. Those marked* took the Physical Training Course].

- Wenona Abbott, Forbes Point, Shelburne Co., Diploma.
- Olivia L. Bayer, Aylesford, Kings Co., 13.
- Grace A. Brownell, North Port, Cumberland Co., 1, 2, 3, 4, 6, 10, 11, 12, 14.
- *Louise Brownell, Northport, Cumberland Co., 1, 2, 6, 7, 12.
- Hattie A. Burke, Cannes, Richmond Co., 1, 6.
- M. Stella Burns, St. Nicholas River, Kent Co., N. B., 1, 2, 5, 6, 12.
- *Katherine E. Butler, French River, Pictou Co., 2.
- *Marion M. Butler, French River, Pictou Co., 2.
- *Seldon C. Bryson, Truro.
- Marie E. Calder, Somerset, Kings Co., Diploma.
- Emily W. Cameron, Advocate, Cumberland Co., 1, 2, 3, 5, 6, 9.
- Mary M. Cameron, Sutherland's River, Pictou Co., 1, 2, 5, 9, 12.
- *Myrtle Campbell, New Glasgow.
- Elverina L. Carter, DeBert, Colchester Co., 1, 2, 3, 6, 12.
- Mabel E. Charlton, Williamston, Annapolis Co., 1, 3, 5, 6, 7, 12.
- Annetta Charters, Fredericton, N. B., 1, 2, 5, 6, 12, 14.
- Florence A. Chisholm, Five Islands, Col. Co., 1, 3, 4, 5, 6, 7, 8, 10, 12, 14.
- *Lavola C. Cox, Cheverie, Hants Co., 1, 2, 6.
- *S. Beatrice Crowell, Crowell's, Shelburne Co., 1, 2, 5, 6, 7, 12.
- *Dorothy M. Crowdis, Baddeck, C. B., 2, 6, 7, 12.
- Margaret M. Doak, Doaktown, N. B., 1, 2, 5, 6, 12.
- William A. Doane, Truro, Dilpoma.
- Alma M. Doucette, Tusket, Yarmouth Co., 1, 3, 4, 5, 6, 8, 9, 12.
- Havelock G. Douglas, Dominion, No. 1, C. B.
- *Edith Drillio, Maitland, Hants Co.
- Geo. W. Etienne Descousse, C. B., 1, 3, 5, 6, 7, 8, 11, 14.
- Kathleen M. Farrell, Barrington, Shelburne Co., 1, 2, 5, 6, 7.
- *Duncan K. Finlayson, Grand River, Richmond Co., 1, 2, 3, 4, 5, 6, 7, 11, 12.
- James H. Fitch, Truro, Diploma.
- Sadie Flynn, Thorburn, Pictou County, 1, 2, 6, 14.
- *Ellen Gunn, Tatamagouche.

- Merna M. Franke, Pleasant River, Queens Co., Diploma.
 Mary A. Hamilton, Lockeport, Shelburne Co., 3, 6, 7, 8, 11, 12.
 Ruth Harper, Jacksonville, N. B., 1, 2, 5, 6, 9, 12.
 A. Edwina Hyson, East River, Lunenburg Co., 6, 7.
 A. D. Jonah, Sackville, N. B., 1, 2, 3, 4, 5, 6, 12.
 L. D. Jones, Dalhousie, N. B., 1, 2, 3, 4, 5, 6, 12.
 *Eva C. Kavanagh, Canso.
 Pearl L. Kedy, Mahone Bay, Lunenburg Co., Diploma.
 *Agnes Cecelia Keefe, Sydney, C. B.
 Lois B. Kennedy, Mahone Bay, Lunenburg Co., 1, 6, 14.
 *Sara C. Kennedy, Thorburn, Pictou County.
 Geo. W. King, Upper Sackville, N. B., 1, 2, 3, 4, 6, 9, 11, 12.
 Winnifred M. G. Lavers, Parrsboro, Diploma.
 John J. LeBlanc, Belle Cote, Inverness Co., 1, 2, 3, 6, 7.
 Francois LeDuc, Bathurst, N. B. 1, 2, 4, 5, 6, 12.
 F. Eugene Lent, Freeport, Digby Co., Diploma.
 *Beryl Lipsett, Guysboro.
 Annie J. Lockhart, Newville, Cumberland Co., 4, 6, 10, 12, 14.
 Herbert L. Logan, St. John, N. B., 1, 2, 3, 4, 5, 6, 12.
 *Stella M. Logan, Stewiacke Cross Roads, Colchester Co., 1, 2, 3, 6, 7, 12.
 Gaynell E. Long, Centreville, N. B., 1, 2, 3, 4, 5, 6, 9, 12.
 *Marion E. Lynch, Shubenacadie, N. S.
 *Carrie W. Lynds, DeBert, Colchester Co., 1, 2.
 *Emelyn Marsters, Berwick, 1, 2, 7, 12.
 Laliah Mauzer, Bridgewater, Diploma.
 Ida L. Mitchell, Wallbrook, Kings Co., Diploma.
 Agnes Moses, South Ohio, Yarmouth Co., 3, 7, 8, 12.
 Effie T. Mott, Westbrook, Cumberland Co., Diploma.
 Helena Mulherrin, Woodstock, N. B., 1, 2, 5, 6, 12.
 *Catherine T. Munroe, Thorburn, Pictou County.
 *Dolina P. Munroe, Thorburn, Pictou County.
 A. E. McCormick, Granville Centre, Annapolis Co., Diploma.
 *Annie M. McDonald, Eden Lake, Pictou Co., 1, 2, 6, 7, 9, 12.
 *Marie M. McDonald, River John, Pictou Co., 1, 2, 6.
 Florence M. McFadyen, River Denys, C. B. 1, 2, 6, 12.
 *Mary B. MacGregor, River John, Pictou Co.
 *Margaret A. MacGregor, Westerly, Pictou Co.
 Eva M. McKay, Newport, Hants Co., 1, 2, 5, 6, 9, 12, 14.
 *Christena MacKenzie, Baddeck, 1, 2, 6, 7, 12.
 Estelle J. MacKenzie, Up. Nine Mile River, Hants Co., Diploma.
 *Jennie MacIntosh, Lismore, Pictou Co., 1, 2, 6.
 *Christena McIver, Washabuck, Victoria Co., 1, 2, 3.
 Annie M. McLellan, Belle Cote, Inverness Co., 1, 2, 6, 7, 12.
 *Florence C. McLellan, Belle Cote, Inverness Co., 1, 2, 6, 7, 12.
 *Isabel E. McLellan, River John, Pictou Co., 1, 2, 6, 14.
 Annie J. McLeod, Lunenburg, 1, 2, 6, 7, 9, 12, 14.
 Annie M. MacLeod, South Gut, Victoria Co., Diploma.
 Belle C. MacLeod, South Gut, Victoria Co., 1, 2, 3, 5, 9, 12.
 *Marion MacLeod, The Falls, Colchester Co.
 Leonia MacMillan, Amherst, Diploma.
 Mildred MacMurtery, Margaretville, Annapolis Co., Diploma.
 Elsie M. MacNutt, Truro, 3, 6.
 *Annie C. McPherson, Landsdowne, Pictou Co.
 Margaret J. McQueen, Kings Head, Pictou Co., 1, 2, 5, 6, 7, 9, 12.
 Leon L. Nichols, Union Square, Lunenburg Co., 1, 2, 3, 5, 6, 7, 12.
 Leslie C. Nickerson, Lower Woods Harbor, Shelburne Co., Diploma.
 Crandall P. Nodwell, Advocate Harbor, Cumberland Co., Diploma.
 Rufus B. O'Brien, Port Philip, Cumberland Co., 1, 2, 6, 12.
 Ellen A. O'Regan, Parrsboro, Diploma.
 *Margaret E. Reeves, Thorburn, Pictou Co.
 *Annie E. Rice, Baddeck Forks, C. B., 1, 2, 6.
 *Edna C. Robertson, Thorburn, Pictou Co., 1, 2, 6, 14.
 Florence Robertson, Hampton, N. B., 1, 2, 5, 6, 9, 12.
 P. L. Robinson, Hampton Station, N. B., 1, 2, 3, 4, 5, 6, 12.
 Beatrice A. Roy, Maitland, Hants Co., 1, 2, 5, 9, 12.
 Lenfest Ruggles, Middleton, 1, 3, 4, 5, 6.

- Margaret Scott, Yarmouth.
 Nellie Sinclair, South River Lake, Guysboro Co., Diploma.
 Gladys G. Stephens, Tenecape, Hants Co., 1, 2, 3, 5, 6, 9, 12, 14.
 Jean A. Sutherland, Bridgeville, Pictou Co., 1, 2, 6, 7.
 Alice Veinotte, Mahone Bay, Lunenburg Co., 1, 2, 6, 7, 9, 12.
 Myrtle E. Webber, Jeddore, Halifax Co., 1, 2, 6, 12.
 Mary P. Wentzell, Riverport, Lunenburg Co., 1, 2, 3, 6, 12, 14.
 Ralph H. Wetmore, Yarmouth, 1, 2, 3, 5, 6, 7, 9, 12, 14.
 *Jean E. Whitman, Pugwash, Cumberland Co., 1, 3, 5, 6, 9.
 Margaret I. Wright, Montague, P. E. I. Diploma.

Total, 107 candidates.

RURAL SCIENCE DEPARTMENT, SESSION OF 1913.

Rural Science Diplomas Awarded.

10	Wenona Abbot	Forbes Point	Shelburne.
11	Marie E. Calder	Somerset	Kings.
12	William A. Doane	Truro	Colchester.
13	James H. Fitch	Truro	Colchester.
14	Merna M. Franke	Pleasant River	Queens.
15	Pearl L. Kedy	Mahone Bay	Lunenburg.
16	Winnifred M. G. Lavers	Parrsboro	Cumberland.
17	F. Eugene Lent	Freeport	Digby.
18	Annie M. MacLeod	South Gut	Victoria.
19	Lalia Mauzer	Bridgewater	Lunenburg.
20	Effie T. Mott	West Brook	Cumberland.
21	Ida L. Mitchell	Wall Brook	Kings.
22	Albert E. McCormick	Granville Center	Annapolis.
23	Estelle J. MacKenzie	Up. Nine Mile River	Hants.
24	Leonie MacMillan	Amherst	Cumberland.
25	Mildred MacMurtey	Margartville	Annapolis.
26	Leslie C. Nickerson	Lr. Woods Harbor	Shelburne.
27	Crandell P. Nodwell	Advocate Harbor	Cumberland.
28	Ellen A. O'Regan	Parrsboro	Cumberland.
29	Nellie Sinclair	South River Lake	Guysboro.
30	Margaret I. Wright	Montague	P. E. Island.

TEACHERS' LICENSES, 1912-1913.

The following persons have received licenses of the Classes respectively specified in accordance with the Law and Regulations of the Council of Public Instruction. This list includes all licenses issued since the publication of the Journal for October, 1912.

ACADEMIC.

1912.

- 4—George Russell Bancroft. Halifax. Halifax.

1913.

- 1—Robert John MacInnis. West Bay. Inverness.

"A" (SUPERIOR FIRST).

1912.

- 15—Sister S. Maria (P. Reiser). Mt. St. Vincent. Halifax.
 16—Sister M. Gervase (H. Kelley). Mt. St. Vincent, Halifax.
 17—Sister M. Vincent (F. Evans). Mt. St. Vincent. Halifax.
 18—Hugh Philip Bell. Halifax. Halifax.

1913.

- 1—Eda Maude Nelson Truro. Colchester.
 2—John Alexander Weatherbee Port Hastings Inverness.
 3—Mary Isabella Davidson. Wolfville Kings.
 4—Charles Albert Oulton. Sydney. Cape Breton.
 5—Archibald John Ruggles. Lockeport. Shelburne.
 6—Christine MacKinnon. Antigonish. Antigonish.
 7—Jamesina Moore. Shubenacadie. Hants.
 8—John Dixon Keane. Douglstown. N. B.
 9—Susan Amelia D. Creelman. Truro. Colchester.
 10—Nellie Jane Sinclair. South River Lake. Guysboro.
 11—Katherine Roscoe Dawson. Avonport. Kings.
 12—Leonia N. McMillan. Amherst. Cumberland.
 13—Lillian Gertrude Clarke. Halifax. Halifax.
 14—Stella Mable Higgins. Crowes Mills. Colchester.
 16—Marion Emily Martin. Port Hawkesbury Inverness.
 17—Beatrice Eugenie Mumford. Dartmouth. Halifax.
 21—Madame Agnes E. Finn. Conv. Sacred Heart. Halifax.
 22—Sr. M. Ethelred (Marie Untersee). Mt. St. Vincent. Halifax.
 24—Mary L. Distant. Halifax. Halifax.
 25—James H. Fitch. Truro. Colchester.
 26—Hortense Blackmore. Truro. Colchester.
 27—Abbie Bertha Baizley. Hantsport Hants.
 28—Helen Hardwicke. Annapolis Royal Annapolis.
 29—Alice Evelyn Thorne. Karsdale Annapolis.
 30—Jean Whitman. Pugwash Cumberland.
 31—Edith Jean MacGregor. Upper South River. Antigonish.
 32—Colin Benjamin Faulkner. Mid. Musquodoboit. Halifax.
 33—Frances Gray Ross. Yarmouth. Yarmouth.
 34—Sr. M. deChantal (K. Brown). Mt. St. Vincent. Halifax.
 35—Sr. Teresa Vincent (C. Campbell). Mt. St. Vincent. Halifax.
 36—Mary Francis (Jane Crampton). Mt. St. Vincent. Halifax.

"B" (FIRST).

1912.

141—	Florence M. Cochrane	Bridgetown	Annapolis.
142—	Myrtle A. Morrison	Springfield	Annapolis.
143—	Elsie L. Staples	Belmont	Colchester.
144—	Eloine Vida Suthergreen	Salem	Cumberland.
145—	Rupert Murray Millett	Port Hawkesbury	Inverness.
146—	Catherine Donovan	Whitney Pier	Cape Breton.
147—	Jean Johnston	Dominion	Cape Breton
148—	Albert Ed. MacCormick	Granville Centre	Annapolis.
149—	Dorothy Freeman	New Glasgow	Pictou.
150—	Marguerite E. Young	Middleton	Annapolis.
151—	Jennie Walker	New Glasgow	Pictou.

1913.

1—	Estella Smythe Giles	Fort Lawrence	Cumberland.
2—	Kathleen Regis McLeod	North Sydney	Cape Breton
3—	Isabella MacDonald Anderson	Mew Aberdeen	Cape Breton
4—	Sister Miriam Vincent (M. McNeil)	North Sydney	Cape Breton
5—	Adelaide Eliza Baltzer	Westville	Pictou.
6—	Beatrice E. Troop	Granville Centre	Annapolis.
7—	Sarah Edna Knox	Sydney Mines	Cape Breton
8—	Charles Durkee Piper	Halifax	Halifax
9—	Ethel May Conrad	Halifax	Halifax.
10—	Edith May Blackie	Halifax	Halifax.
11—	Ella Geraldine Holder	Halifax	Halifax.
12—	Miriam Fox	Upper Nine Mile River	Hants.
13—	Florence Ann Simpson	Lower L'Ardoise,	Richmond.
14—	Annie Isabel Rettie	Stillman	Pictou.
15—	Lena Alberta Keans	Port Wade	Annapolis.
16—	Mabel Lorenia Marshall	Bridgetown	Annapoli.
17—	Harrison Flint Lewis	Wolfville	Kings.
18—	Elva May Kedy	Mill Village	Queens.
19—	Bernice Curry Wilson	Waverley	Halifax.
20—	Samuel Burton Trerice	Truro	Colchester.
21—	Elsie Vivian Simpson	Truro	Colchester.
22—	Iscilda Vaughan Allen	Allendale	Shelburne.
23—	Winnifred Blackman	Halifax	Halifax.
25—	Daisy Rebecca Prime	Freeport	Digby.
26—	Frederick Eugene Lent	Freeport	Digby.
27—	Le Etta Jennie McPherson	Springhill	Cumberland.
28—	Merna Myra Franke	Pleasant River	Queens.
29—	Merynic Louise Veneau	Lunenburg	Lunenburg.
30—	Juene Irene Pace	Halifax	Halifax.
31—	Natalie Freeman	Halifax	Halifax.
32—	Avery George Hawbolt	Marriott's Cove	Lunenburg.
33—	Vola Amelia Fulmer	Bridgetown	Annapolis.
34—	Reta May Young	Freeport	Digby.
35—	Edna Reynolds Card	Centre Burlington	Hants.
36—	Edith Sarah Brown	Noel Shore	Hants.
37—	Alice Isabelle O'Brien	Noel	Hants.
38—	Mary Alberta Ellis	Sydney	Cape Brcton.
39—	Winnie Moss	Springhill	Cumberland.
40—	Claude James William Kedy	Mahone Bay	Lunenburg.
41—	Mary MacDonald	Lennox	Antigonish.
42—	Effie Thelma Mott	West Brook	Cumberland.
43—	Gladys Mae Coulter	Wallace Station	Cumberland.
44—	Violet Elizabeth Bown	North Sydney	Cape Breton
45—	Ruby J. Amanda Kaulback	Lunenburg	Lunenburg.
46—	Gretchen M. Churchill	Digby	Digby.
47—	Jessie Jane Zinck	East Chester	Lunenburg.
48—	Mary Elizabeth Potter	Clementsvale	Annapolis.

49—Stella MacEachern	Mulgrave	Guysboro.
50—Jennie Hallett Freeman	Amherst	Cumberland.
51—William Fraser Munro	Pictou	Pictou.
52—Jamie Isabel Stropole	Bayfield	Antigonish.
53—Lena Maud Bambrick	Elderbank	Halifax.
54—Elsie W. Wentzell	Mahone Bay	Lunenburg.
55—Alma Margaret Doucette	Tusket	Yarmouth
56—Settie Viola MacKenzie	Hazel Hill	Guysborc
57—Hilda May Feindel	Bridgewater	Lunenburg
58—Jessie Arline Wolfe	Dartmouth	Halifax.
59—Gladys Geraldine Stephens	Tenecape	Hants.
60—Annie Heath Parsons	Springhill	Cumberland
61—Ella Marguerite Munn	Leitches Creek	Cape Breton.
62—Florence Pearl Louise Kedy	Mahone Bay	Lunenburg.
63—Helen Margaret Harrison	Dartmouth	Halifax.
64—Vera Minerva Kelty	River Hebert	Cumberland.
65—Ethel Augusta Wambolt	Halifax	Halifax.
66—Annie Margaret McLeod	South Gut	Victoria
67—Katherine C. Macaulay	Glace Bay	Cape Breton.
68—Geraldine Olive E. Ritcey	Riverport	Lunenburg.
69—Annie Copeland MacDonald	Lower Barney's River	Pictou.
70—Lilia G. Melanson	Joggins	Cumberland.
71—Elsie Calder	Springville	Pictou
72—Marjorie K. McKenzie	New Gairloch	Pictou.
73—Mary Teresa McGuire	Whiteburn	Queens.
74—Florence Hillard Zinck	Chester	Lunenburg
75—Bessie Christie Brenton	Brookfield	Colchester.
76—Irene Laxton MacCurdy	Truro	Colchester.
77—Margaret Mary O'Keefe	Glace Bay	Cape Breton
78—Crandall P. Nodwell	Advocate Harbor	Cumberland.
79—Estelle Jean MacKenzie	Upper Nine Mile River	Hants
80—Ella Mae Clarke	Stake Road	Cumberland.
81—Annie Florence Archibald	Great Village	Colchester.
82—Gladys Belle Ryan	Truro	Colchester
83—Margaret McKenzie McDonald	Churchville	Pictou.
84—Erma Reta MacLaughlin	Lower Economy	Colchester
85—Hilda Eliza Buckley	Guysboro	Guysboro.
87—Eva Estelle MacDougall	Riverside Corner	Hants.
88—Gladys May Jackson	Paradise	Annapolis
89—Lexie Victoria Murray	Springhill	Cumberland
90—Sr. M. Berchmans (H. Haverty)	Mt. St. Vincent	Halifax.
91—Mary Ann Marlin McSavaney	Springhill	Cumberland.
92—Annie Flinn Morris	Wallace	Cumberland.
93—Madame Mary A. McDermott	Conv. Sacred Heart	Halifax.
94—Verna Blanche Stevens	Freeport	Digby.
95—Sr. Marie Bernard (M. Baker)	Mt. St. Vincent	Halifax.
96—Sr. Agnes Carmel (C. Baldwin)	Mt. St. Vincent	Halifax.
97—Laura Margaret Cunningham	Bayhead	Colchester
98—Charles William Spencer	Glace Bay	Cape Breton
99—Hattie L. MacLeod	Strathlorne	Inverness.
100—Francis Alfretta Noiles	Springhill	Cumberland.
101—Nellie Minerva Trevoy	Brighton	Digby.
102—Velma Purves Cunningham	Antigonish	Antigonish
103—Sr. St. John Nepomucene (Christena Cameron)	Mt. St. Bernard	Antigonish.
105—Harry Austin McCleave	Stewiacke	Colchester.
106—Lulu F. Fraser	Masstown	Colchester.
107—Annie A. McDonald	Glenholm	Colchester.
108—Florence Agnes Chisholm	Five Islands	Colchester.
109—Iola Emma McCully	DeBert Station	Colchester.
110—Sr. St. Osmond (J. M. Gillis)	Mt. C. Convent	N. Waterford
111—George Reuben Underwood	Five Mile River	Hants.
112—Nellie Claire Wright	Upper Brookside	Colchester.
113—Mary Pearle O'Rourke	Springhill	Cumberland.
114—Vera Harris Eaton	Granville Centre	Annapolis.

115—Leta Grace Eaton	Granville Centre	Annapolis
116—Mary Isabel Baxter	Maitland	Annapolis
117—Sadie Belle MacDaniel	Margaree Forks	Inverness
118—Marie Elizabeth Calder	Somersert	Kings
119—Ermina Vesta Young	Brighton	Digby
120—Mabel Johnson	Sydney Mines	Cape Breton
121—Mary Catherine Sutherland	Waterside	Pictou
122—Ruth Georgia McLellan	Noel Shore	Hants
123—Sr. St. Michael (Mary J. McNeil)	Mt. St. Bernard	Antigonish
124—Clara Evangeline Elliott	Clarence	Annapolis
125—Dora Dawn Wile	Bridgewater	Lunenburg
126—Hildred Bessie Stoddard	Musquodoboit Harbor	Halifax
127—Bertha C. Decker	Swansburg	Shelburne
128—Janet Gordon Graham	New Glasgow	Pictou
129—Rose Frances Lawlor	Guysboro	Guysboro
130—Edward Joseph D'Entremont	West Pubnico	Yarmouth
131—Harry Percy Lockhart	Hantsport	Hants
132—Bertha May Archibald	Middle Musquodoboit	Halifax
133—William Allison Doane	Truro	Colchester
134—Edith Courtney Paget	Hazel Hill	Guysboro
135—Gwendolen Frances Lynch	Shubenacadie	Colchester
136—Annie Laurie McPhail	Dartmouth	Halifax
137—Fred Lawrence Moore	Great Village	Colchester
138—Sr. St. Agnes de'Boheme (Mary Chisholm)	New Glasgow	Pictou
139—Flora Dickson Turner	Truro	Colchester
140—Mary Evangeline Hynes	D'Escousse	Richmond
141—Mildred E. MacMurtery	Margaretville	Annapolis
142—Janet Frances Cameron	West Bay	Inveress
143—Alice Louise King	Truro	Colchester
144—Marjorie Warr	Falmouth	Hants
145—Elverena Langille Carter	DeBert Station	Colchester
146—Duncan Kenneth Finlayson	Westville	Pictou
147—Bertha Idelle Hirtle	Oakland	Lunenburg
148—Mary Hilda Purcell	Antigonish	Antigonish
149—Denis Joseph Mulcahey	Sydney	Cape Breton
150—Mary Nicholson	Barachois Harbor	Cape Breton
151—Mary Floretta Caroline Hatfield	Parrsboro	Cumberland
152—Mildred Irene Ripley	Maccan Station	Cumberland
153—Annie Irene Roney	Granville Centre	Annapolis
154—Marguerite Bishop West	Lawrencetown	Annapolis
155—Ethel Blanche Withrow	Milford	Hants
156—Laliah Ann Mauzer	Bridgewater	Lunenburg
157—Alexander Fraser Craig	Halifax	Halifax
158—Jessie MacKeen Maxwell	Halifax	Halifax
159—Charles Ruben Dyas	Glace Bay	Cape Breton
160—Nellie Elizabeth Tait	Amherst	Cumberland
161—Ida Lillian Mitchell	Wallbrook	Kings

"C". (SECOND.)

1912.

195—Nellie Elizabeth Tait	Amherst	Cumberland
196—Margaret Helen LeBlanc	Belle Cote	Inverness
197—Melissa Lydia Watson	N. E. Margaree	Inverness
198—Vivien Salter	Fox River	Cumberland
199—Elva Beatrice Titus	New Glasgow	Pictou
200—Mary Alena Hamilton	Lockeport	Shelburne
201—Anna Belle Siteman	East Ship Harbor	Halifax

1913.

1—Christena Cameron	West Lake Ainslie	Inverness
2—Charles Homer Barnhill	Belmont	Colchester
3—Mary Gertrude Sealey	Yarmouth	Yarmouth

4—Muriel Jessie DeWolfe.....	New Minas.....	Kings.
5—Ida May Cruikshank.....	Chaswood.....	Halifax
6—Sabina Winola Travis.....	Kemptville.....	Yarmouth.
7—Mary Margaret Harris.....	New Glasgow.....	Pictou.
8—Annie May Sutherland.....	Westville.....	Pictou
9—Elsie Carola Lantz.....	Pembroke.....	Hants.
10—Jessie Elsinore Crowell.....	Truro.....	Colchester.
11—Olivia Jean Fulton.....	Hubbards.....	Halifax.
12—Sr. Mary Stella (M. A. McIssac).....	Pictou.....	New Glasgow
13—Annie Gillis.....	Soldiers Cove.....	Richmond
14—Paul Fabien LeBlanc.....	Little River.....	Inverness
15—Margaret Mills Schaffner.....	Karsdale.....	Annapolis.
16—Annie Augusta Bruce.....	Shelburne.....	Shelburne.
17—Mary Cassie McDougall.....	Broad Cove Marsh.....	Inverness.
18—Lidia Marie Smith.....	Kirk Hill.....	Cumberland
19—Hattie Jane LeBlanc.....	Margaree Forks.....	Inverness
20—Gladys Blanche Strong.....	Lakeville.....	Kings.
21—James Percy Scott.....	East Gore.....	Hants.
22—Rena Blanche Nauss.....	Chester.....	Lunenburg.
23—Lena Grace Downie.....	Margaretville.....	Annapolis.
24—Janet Mary Grant.....	Meagher's Grant.....	Halifax.
25—Annie Jacobine Locksmith.....	Lockeport.....	Shelburne.
26—Irene Fullerton.....	Pictou.....	Pictou
27—Hattie Ann Burke.....	Cannes.....	Richmond.
28—Emily Juanita Mills.....	Granville Ferry.....	Annapolis.
29—Eva Margaret McKay.....	Newport.....	Hants.
30—Lottie Myrtle Benedict.....	Martock.....	Hants.
31—Lena Margaret Muller.....	Martock.....	Hants.
32—Edith May Kilcup.....	Windsor.....	Hants.
33—Jennie Marion MacKay.....	East Branch R. John.....	Pictou.
34—Lucie Marie Comeau.....	Grosses Coques.....	Digby.
35—Sarah Ann McPherson.....	Clydesdale.....	Antigonish.
36—Mary Ellen Rogers.....	East Roman Valley.....	Guysboro.
37—Dora Adelia Wile.....	Midville.....	Lunenburg.
39—Jessie McKenzie.....	North Sydney.....	Cape Breton.
40—Aileen Letitia Armstrong.....	Summerville.....	Hants.
41—Blanche Mary Surette.....	Wedgeport.....	Yarmouth.
42—Marguerite Kendall Stewart.....	Scotsburn.....	Pictou.
43—Catherine Cullen McInnis.....	West Bay.....	Inverness.
44—Edythe May Haley.....	Windsor.....	Hants.
45—Hattie Rachel Johnson.....	Brentwood.....	Colchester.
46—Anna Muriel Rose.....	Urbana.....	Hants.
47—Sadie Thompson.....	Halifax.....	Halifax.
48—Artemise Comeau.....	Meteghan River.....	Digby.
49—Sarah Christina Chisholm.....	Summerside.....	Antigonish.
50—Dolina MacIvor.....	Barney's River.....	Pictou.
51—Beulah Benton Acker.....	Springfield.....	Annapolis.
52—Carrie May Hartr.....	Boylston.....	Guysboro.
53—Annie Elizabeth LeBlanc.....	Grosses Coques.....	Digby.
54—Verta Pauline Lantz.....	New Ross.....	Lunenburg.
55—Mary Boyle.....	Afton.....	Antigonish.
56—Catherine Boyle.....	Beaulx.....	Antigonish.
57—Della Eloise Wallace.....	Shubenacadie.....	Hants.
58—Ethel May Gilroy.....	Springhill.....	Cumberland.
59—Elizabeth Alice Lowe.....	Moser's River.....	Halifax
60—Annie May Colter.....	Hartford.....	Cumberland.
61—Carrie Ellen Himmelman.....	Rose Bay.....	Lunenburg.
62—Lulu Gertrude Cook.....	Bridgewater.....	Lunenburg.
63—Ella Cook Hall.....	Burlington.....	Kings.
64—Helen Coggins Hayford.....	Westport.....	Digby.
65—Florence Marion Lent.....	Freepoint.....	Digby.
66—Ida May Crittenden.....	Mulgrave.....	Guysboro.
67—Jennie Muir.....	Westville.....	Pictou.
68—Nina Annie May Marshall.....	Burlington.....	Kings.
69—Florence Chisholm.....	Glassburn.....	Antigonish.
70—Hazel Floy Joudrey.....	Mahone Bay.....	Lunenburg.

71—Winnifred Bythenia Hemeon	Arnold	Shelburne.
72—Katherine MacDonald	New Glasgow	Pictou.
73—Minnie Evangeline McMillan	Sheet Harbor	Halifax.
74—Jessie Christina Oulton	Lorneville	Cumberland.
75—Ethel Fawcett Blenkhorne	Macan Station	Cumberland.
76—Mary Alfreda Miller	Shubenacadie	Colchester.
77—Ruth Maria Christie	Bedford	Halifax.
78—Ella May MacDonald	MacPhersons Mills	Pictou.
79—Ada Hennigar MacDonald	So. Maitland	Hants.
80—Annie Isabel Rose	New Glasgow	Pictou.
81—Harriet Louise Lindsay	Truro	Colchester.
82—Norna Barry Bingay Horner	Salem	Yarmouth.
83—Myra Coldwell Ring	Freeport	Digby.
84—Severin LeBlanc	Margaree Forks	Inverness.
85—Annie Rose LeBlanc	Friars Head	Inverness.
87—Louisa Blanche Anthony	Kennetcook	Hants.
88—Elsie Louise Phillips	Truro	Colchester.
89—Margaret Ermina Nelson	Truro	Colchester.
90—John Ernest Logan	Truro	Colchester.
91—Leah Marion Leck	Truro	Colchester.
92—Florence Joy Blaikie	Upper Stewiacke	Colchester.
93—Velma Viella McCully	Truro	Colchester.
94—Leslie Clifford Nickerson	Truro	Colchester.
95—Sadie Lelia Berry	Lower Economy	Colchester.
96—Lottie Violet Harrington	Lower Economy	Colchester.
97—Elva Christy Rutherford	Newton Mills	Colchester.
98—Ethel Mina Berry	Lower Economy	Colchester.
99—Annie Baxendale	Sydney Mines	Cape Breton.
100—Katherine Elizabeth Bryenton	Pictou	Pictou
101—Laura Eva Saulnier	Corberrie	Digby
102—Vera Glisson Ogilvie	MacKays Corner	Cape Breton
103—Eva Mehetable Nichols	Lochaber	Antigonish.
104—Penelope McEachern	S. S. Cape George	Antigonish
105—Phebe May Luddington	New Harbor	Guysboro.
106—Laura Hilary Townshend	Louisburg	Cape Breton
107—Ella Lamina Kaulbach	Dalhousie Road	Kings.
108—Ethel Johnson	Red Islands	Richmond.
109—Gertrude May McKenzie	Maitland	Hants.
110—Jean McKay	Baddeck	Victoria.
111—Mary Agnes McDougall	Havre Bouche	Antigonish.
112—Cora Blanche Isenor	Dutch Settlement	Halifax.
113—Mildred Marion Spencer	Mira Gut	Cape Breton
114—Florence Belle Newcombe	Newcombs	Lunenburg.
115—Mary Alfreda Miller	Shubenacadie	Colchester.
116—Ella Elizabeth Rankine	Carroll's Corner	Halifax.
117—Harriet Isabel Wentzell	Bear River	Digby.
118—Muriel Hazel Boutillier	Dartmouth	Halifax.
119—Joseph Alphonsus Webb	Havre auBouchre	Antigonish.
120—Kathreen Davis	Sydney Mines	Cape Breton.
121—Emma May Underwood	Three Mile Plains	Hants.
122—Catherine Cameron Homer	Pleasant Valley	Antigonish
123—Margaret Hines	Whitney Pier	Cape Breton
124—Lillian Elizabeth Gouthro	French Vale	Cape Breton
125—Sarah Brown	Sydney Mines	Cape Breton
126—Edgar Willard Mingo	Denmark	Colchester.
127—Janet Barbara Wolfe	Dartmouth	Halifax.
128—Agnes Beatrice Baxter	Maitland	Annapolis.
129—Elsie McLoed	Milford	Hants.
130—Viola Gertrude Crouse	Crousetown	Lunenburg.
131—Wenona Abbott	Forbes Point	Shelburne.
132—Charlotte Evangeline Dargie	Bridgetown	Annapolis.
133—Marie Amie LeBlanc	Digby	Digby.
134—Hazel Belle Cameron	New Glasgow	Pictou.
135—Grace Velna Conrad	Hubbards	Halifax.
136—Marjorie Belle McLellan	Inverness	Inverness.

137—Sadie Olivia Tait	Amherst	Cumberland.
138—Stella May Logan	Cross Rds., Stewiacke	Colchester.
139—Charles William McIntosh	Pleasant Bay	Inverness.
140—Bessie Kay MacDonald	Truro	Colchester.
141—Leora Gurda Hagar	Round Bay	Shelburne.
142—Hattie Iona Outhouse	Tiverton	Digby.
143—Edith Louise Trenholm	Grand Pre	Kings.
144—Annie McInnis	S. S. Cape George	Antigonish
145—Alma Louise Buckler	West Dalhousie	Annapolis.
146—Nola Pearl Maguire	Steep Creek	Guysboro.
147—Jean Aileen Henderson	Truro	Colchester.
148—Mary Mills Armstrong	Granville Ferry	Annapolis.
149—Carrie Waugh Lynds	DeBert Station	Colchester.
150—Evelyn Louise McLellan	Noel Shore	Hants.
151—Sr. Marie duCenacle (E. Goyetche)	Arichat	Richmond.
152—Eva Marion MacDonald	New Glasgow	Pictou.
153—Mary Katherine Walker	West Lake Ainslie	Inverness.
154—Christina McDonald	Mull River	Inverness.
155—Florence Mae MacFadyen	River Denys Station	Inverness.
156—Winnifred Maud Phillips	Wentworth	Hants.
157—Lillian Taylor	Swansburg	Shelburne.
158—Lilla Isabel Maxwell	Riversdale	Colchester.
159—Isa Christena DeMings	Pugwash River	Cumberland.
160—Agnes Cecilia Keefe	Sydney	Cape Breton.
161—Mary Cecilia McNeil	Glance Bay	Cape Breton
162—Sr. M. Ursula (Jessie McInnis)	Mt. St. Vincent	Halifax.
163—Cecilia Frances Jenkins	Guysboro	Guysboro.
164—Sarah Ann McNeil	Glance Bay	Cape Breton
165—Jennie Cameron	Vernal	Antigonish.
166—Sadie Mildred Spidell	Parkdale	Lunenburg.
167—Margaret Victoria Buchanan	South Gut	Victoria.
168—Jennie Hilda Ross	N. E. Margaree	Inverness.
169—Stella Beatrice Hilchie	Harrington Cove	Halifax.
170—Amy Canfield Purdy	Wentworth Station	Cumberland.
171—Lois Sutherland Creighton	Halifax	Halifax.
172—Ruby Douglas Archibald	Glen Margaret	Halifax.
173—Hazel Hildreth Smith	Baccaro	Shelburne.
174—Perry McGregor Knox	Riversdale	Lunenburg.
175—Helena Grace Irish	Mulgrave	Guysboro.
176—Faye Marshall	Spa Springs	Annapolis.
177—Bessie Jane Edwards	Hilden	Colchester.
178—Gladys Beatrice Durland	New Germany	Lunenburg.
179—Bessie Arvilla Rice	Bear River	Digby.
180—Catherine Winnifred Kent	Centre Musquodoboit	Halifax.
181—Margaret Winnifred Elderkin	Apple River	Cumberland.
182—Marion MacLeod	The Falls	Colchester.
183—Catherine Tena Munroe	Thorburn	Pictou.
184—Gladys May Hutchinson	Berwick	Kings.
202—Margaret Woollard Nicoll	Halifax	Halifax.

"D." (THIRD),

1912.

256—Bernice MacMillan	Louis Head	Shelburne.
257—Winifred Lucille Power	Sydney	Cape Breton.
258—Mrs. Warren Steele (Nee C. Fuller)		
259—Murray Emerson Fitch	Conquerall Mills	Lunenburg.
260—Catherine Mae McLeod	Framboise	Richmond.
262—Annie Teresa MacLeod	West Bay Road	Inverness.
263—Jessie Margaret Brown	Porter's Lake	Halifax
264—Kathryn May Condon	Dalhousie Road	Kings.
265—Mabel Vera Westcott	Melanson	Kings.
266—Louis Wynn Slocomb	Port George	Annapolis.
267—Ollie Wilhelmina Freeman	Liverpool	Queens.

268—	Mary Blanché Wallace	Conv. Sacred Heart	Halifax.
269—	Janet Barbara Wolfe	Dartmouth	Halifax.
270—	Henrietta Jane Cameron	St. Peters	Richmond.
271—	Lucy Eliza Boyle	D'Escouse	Richmond.
272—	Anna May McDonald	Port Hood	Inverness.
273—	Grace Tabor	Malagash Centre	Cumberland.
274—	Sadie Ellen Miller	Lunenburg	Lunenburg.
275—	John Earl Sheehy	Northfield	Hants.
276—	Anna Belle Siteman	East Ship Harbor	Halifax.
277—	Sr. Agnes Gerald (M. Lyons)	Mt. St. Vincent	Halifax.

1913.

1—	Katherine Ann Tait	Grovesnor	Guysboro.
2—	Mary Josephine Kyte	St. Peters	Richmond.
3—	Edith Amelia Crittenden	West Folly Mountain	Colchester.
4—	Isabel Jean Decker	East Ragged Island	Shelburne.
5—	Mary Elise Thimot	Little Brook	Digby.
6—	Mamie Bertelda Webber	Chester	Lunenburg.
7—	Margaret May Comeau	Meteghan River	Digby.
8—	Helena Jane Levandier	Frankville	Antigonish.
9—	Mary Ellen McDonald	Briley Brook	Antigonish.
10—	Isabella Rogers	East Roman Valley	Guysboro.
11—	Marguerite Elizabeth Killen	Elderbank	Halifax.
12—	Ruth Underwood	Benjamin's Mills	Hants.
13—	Christena McInnis	Shubenacadie	Cape Breton.
14—	Viva Evelyn Halfpenny	Sand Point	Guysboro.
15—	Gertrude Florence Greene	Midville Branch	Lunenburg.
16—	Jessie May Alders	South Waterville	Kings.
17—	Mary Elizabeth Miller	Mira Gut	Cape Breton.
18—	Sadie May McLellan	South Side Harbor	Antigonish.
19—	Sadie Belle Zinck	Lunenburg	Lunenburg.
20—	Carrie Estelle Villa McKenzie	Plainfield	Pictou.
21—	Frank Harold Moseley	Dartmouth	Halifax.
22—	Josie Anne Morrison	Boularderie	Victoria.
23—	Katie Georgiana Spanks	Crowes Mills	Colchester.
24—	Edith Francis Somers	Upper S. W. Mabou	Inverness.
25—	Myrtle Enid Webber	Oyster Pond, Jeddore	Halifax.
26—	Mary Emmeline Goodwin	Upper Granville	Annapolis.
27—	Gladys King Daniels	Paradise	Annapolis.
29—	Mary McDonald Cruikshank	Elderbank	Halifax.
30—	Margaret Walters	Lunenburg	Lunenburg.
31—	Hilda Gertrude Crooks	Spanish Ship Bay	Guysboro.
32—	Florence Rose DeCoste	East Harbor auBouche	Antigonish.
33—	Ruey Elizabeth Teed	Salt Springs Station	Cumberland.
34—	Mary Ann Laurie	Shubenacadie	Hants.
35—	Anna Evelyn Glawson	Halifax	Halifax.
36—	Sarah Mary McFadyen	Malagawatch	Inverness.
37—	Lizzie May McIntosh	Central New Annan	Colchester.
38—	Mathilda Arseneau	Belle Cote	Inverness.
39—	Clifford Lewis	Point Edward	Cape Breton.
40—	Mary Grinnell McBean	Westville	Pictou.
41—	Hilda Marion Vaughan	Martin's Point	Lunenburg.
42—	Jessie Matheson MacLennan	Upper Middle River	Victoria.
43—	Sister St. Thomas a' Kempis (Margaret Chisholm)	New Glasgow	Pictou.
44—	Florence Ruth Cruickshank	Laggan	Pictou.
45—	Eva May MacInnis	West Gore	Hants.
46—	Winifred Grace Ernst	Blockhouse	Lunenburg.
47—	Elizabeth Maxwell Fleming	Stellarton	Pictou.
48—	Annie May Shupe	Second Peninsula	Lunenburg.
49—	Rose Amy Babin	Eel Brook	Yarmouth.
50—	Alexander Duncan Stewart	Blue Mountain	Pictou.
51—	Jean Elizabeth McInnis	Windsor	Hants.
52—	Jennie Cameron Gunn	E. R. St. Mary's	Pictou.
54—	Mary Persis Cameron	New Glasgow	Pictou.

55—Ada Brooklyn Matheson	Springhill	Cumberland.
56—Joseph Raymond Meuse	Eel Brook	Yarmouth.
57—Marie Theresa Boudreau	Eel Brook	Yarmouth.
58—Estelle Bourque	Eel Brook	Yarmouth.
59—Louise Agnes Bourque	Eel Brook	Yarmouth.
60—Mary Catherine Chisholm	North River	Antigonish.
61—Minnie Kathleen Farrall	Barrington	Shelburne.
62—Emma Mae Brownell	Northport	Cumberland.
63—Sr. Stella Maria (Susan Cox)	Mt. St. Vincent	Halifax.
64—Sr. Alberta Marie (M. McGillivray)	Mt. St. Vincent	Halifax.
65—Sr. M. Carmilla (Julia Murphy)	Mt. St. Vincent	Halifax.
66—Alice Muriel Graham	Dartmouth	Halifax.
67—Etta Robina Johnson	Valley Station	Colchester.
68—Foulette MacLeod	Springhill	Cumberland.
69—Marie Theresa Duffy	Parrsboro	Cumberland.
70—Sara Alice Taggart	Half Way River	Cumberland.
71—Isabella Jean Hill	Great Village	Colchester.
72—Violet Christina Archibald	Joggins Mines	Cumberland.
73—Laura Marion Harrison	Maccan	Cumberland.
74—Edith Pauline McIvor	North Wallace	Cumberland.
75—Maud Aletta Wood	River Hebert	Cumberland.
76—Mable Thompson	Oxford	Cumberland.
77—Sarah Christena Kennedy	Thorburn	Pictou.
78—Lillian Lavinia Fage	Hastings	Cumberland.
79—Christena Margaret McLoed	Stellarton	Pictou.
80—Margaret Chrystal Higson	Stellarton	Pictou.
81—Olive Chadsey Harlowe	Sable River West	Shelburne.
82—Ethel Fraser	Glengarry Station	Pictou.
83—Bertha Fraser	Glengarry R. R. No 1	Pictou.
84—Annetta Mabel Rose	Urbania	Hants.
85—Bessie Beatrice Brown	Lakelands	Cumberland.
86—Douglas Harold Highet	Oxford	Cumberland.
87—Catherine Crerar Dunn	Merigomish	Pictou.
88—Anna Amelia Coates	West Amherst	Cumberland.
89—Frank Tilton Rose	Amherst Beach	Cumberland.
90—Georgina Elizabeth Chapman	Fort Lawrence	Cumberland.
91—Marjorie Boss	Athol	Cumberland.
92—Hazel Dell Coates	Fenwick	Cumberland.
93—Jean Drysdale	Wallace	Cumberland.
94—Emma Mae Harlowe	Sable River	Cumberland.
95—Wm. Jos. McLeod	Margaree Harbor	Cumberland.
96—May Archibald	Centre Musquodoboit	Halifax.
97—Florence Beatrice Holland	Aylesford	Kings.
98—Addie Merle Crosby	Hill View	Yarmouth.
99—Hallet Fenwick Pearson	Melvorn Square	Annapolis.
100—Jennie Parker Burris	Middle Musquodoboit	Halifax.
101—Mabel Vivian Phinney	Lawrencetown	Annapolis.
102—Gorgie Isabel Howie	Dominion No. 6	Cape Breton.
103—Edith Anderson	Dominion 6	Cape Breton.
104—Marguerite Elaine Hamm	Mahone Bay	Lunenburg.
105—Myrna Amelia Hyson	Mahone Bay	Lunenburg.
106—Mary Georgia Fiske	Selma	Hants.
107—Helena Blanche Densmore	Noel Shore	Hants.
108—Grace Muriel Lantz	Melvorn Square	Annapolis.
109—Edna Cathrine Robertson	Thorburn	Pictou.
110—Laura Margaret Rose	Mt. Denison	Hants.
111—Evelyn Jean Reid	Wolfville	Kings.
112—Hilda Ishbel Burrell	Brooklyn	Hants.
113—Kathryn Alba Ryder	Yarmouth	Yarmouth.
114—Emily Caroline Perry	Carleton	Yarmouth.
115—Eva Belle MacDonald	MacPherson's Mills	Pictou.
116—Dolina Pearl Munroe	Thorburn	Pictou.
117—Annie Elizabeth MacLean	Margaretville	Annapolis.
118—Mary Evelyn Doucette	Mavillette	Digby.
1119—Mary Ellen Deveau	Mavillette	Digby.
120—Irene Stewart Creighton	Scotsburn Station	Pictou.

121—Arley Margaret Foley	Truro	Colchester.
122—Myrna Luetta Broderick	Portaupique	Colchester.
123—Lillian May Sutherland	River John Road	Colchester.
124—John Elwood MacLeod	Denmark	Colchester.
125—Lena Blanche Rogers	Rose	Cumberland.
126—Frederick Primrose Whitman	Lawrencetown	Annapolis.
127—Augusta Olding Smith	Selmah	Hants.
128—Pearl Marion Archibald	Great Village	Colchester.
129—Norman Angus McCalder	Orangedale	Inverness.
130—Bessie Jane Edwards	Hilden	Colchester.
131—Maymie Caroline Creighton	Sylvester	Pictou.
132—Jessie Belle MacLean	Cannes	Richmond.
133—Fannie McKim Layton	Wallace Bay	Cumberland.
134—Christy B. J. Munro	Three Brooks	Pictou.
135—Ira Day Mader	Mader's Cove	Lunenburg.
136—Catherine T. MacGillivray	Antigonish	Antigonish.
137—Greta Maria Spencer	Mira Gut	Cape Breton.
138—Annie Alice Verner	Louisburg	Cape Breton.
139—Georgina Vivian Costello	Whitney Pier	Cape Breton.
140—Agnes May McKay	Kempt Head	Victoria.
141—Joanna Agnitha MacDonald	Windsor	Hants.
142—Florence Alberta Burgess	Newport Landing	Hants.
143—Bessie Myrtle Parker	Torbrook Mines	Annapolis.
144—Hazel Mae Woodbury	Spa Springs	Annapolis.
145—Stella Pearl Parker	Lawrencetown	Annapolis.
146—Irene Silvyva Andrews	Oakland	Lunenburg.
147—Helen Adelia Hiltz	Lunenburg	Lunenburg.
148—Marion Rosa Elliot	Carroll's Corner	Halifax.
149—Hilda Irene Sheehan	Halifax	Halifax.
150—Sadie Chisholm	Heatherton	Antigonish.
151—Bessie Arseneau	Belle Cote	Inverness.
152—Mary Catherine McDonald	Inverness	Inverness.
153—Mary Lane Colter	River John	Pictou.
154—Brenton Maxwell Holmes	Mira Gut	Cape Breton.
155—Helena Mae Higby	Woodvale	Digby.
156—Florence Lily Awalt	Hilford	Lunenburg.
157—Christina Cameron	Lower South River	Antigonish.
158—Etta Marie Brownell	Northport	Cumberland.
159—Katie Maria Smith	Broad Cove Chapel	Inverness.
160—Marion Julia Van Horne	Liverpool	Queens.
161—Mary Josephine Graham	Grand Pre	Kings.
162—Arthur Eugene Wood	Reynardton	Yarmouth
163—Maude Geneva Fay Webber	Ship Harbor Lake	Halifax.
164—Laurena Hatfield	North Kemptville	Yarmouth.
165—Annie Isabelle Fraser	Brule	Colchester.
166—Rhoda Ross	North Shore	Cumberland.
167—Elizabeth Mary McKay	West Earltown	Colchester.
168—Frances Viola Gerhardt	Western Head	Queens.
169—Myrtle Blanche Lynds	Glenholme	Colchester.
170—Katie Jean Heckman	Lunenburg	Lunenburg.
171—Annie Teresa Cameron	South Salt Springs	Antigonish.
172—Greta Marion Mattatall	Sandville	Colchester.
173—Edna Pauline Lake	Lawrencetown	Annapolis.
174—Vera Gertrude Friggins	Hebron	Yarmouth.
175—Ruby Helen Snow	Port La Tour	Shelburne.
176—Hazel Emma Hurlbert	Kemptville	Yarmouth.
177—Ida May Sanford	South Rawdon	Hants.
178—Grace Henrietta Gormly	Halifax	Halifax.
179—Winnifred Fulton Lindsay	Londonderry Sta.	Colchester.
180—Leta Cox	Londonderry	Colchester.
181—Evelyn May Hebb	Hebbville	Lunenburg.
182—Mabel Evelyn Goodwin	Woods Harbor	Shelburne.
183—Georgie Ettie MacMinn	Chester Basin	Lunenburg.
184—Elite Rose D'On	West Pubnico	Yarmouth.
185—Elizabeth Josephine Cash	Irish Cove	Cape Breton.
186—Catherine Bessie McDougall	Christmas Island	Cape Breton

188—Jean Henry	River John	Pictou.
189—Carlos Werter Del Plaine	Hd. Jordan River	Shelburne.
190—Angus Bernard MacDonald	Glassburn	Antigonish.
191—Edith Kathleen Davidson	Tidnish Bridge	N. B.
192—Margaret Elizabeth Holmes	Centreville	Digby.
193—Eddie Merle Crosby	Hill View	Yarmouth.
194—Elizabeth May Morton	Jordon Falls	Shelburne.
195—Mary Frances Johnson	Lunenburg	Lunenburg.
197—Margaret Gertrude Callow	Parrsboro	Cumberland.
198—Mary Belle McGregor	River John	Pictou.
199—Myrtle Olive Wambolt	East Port Medway	Queens.
200—Clara Rose Woodman	Smith's Cove	Digby.
201—Christina Elizabeth MacRae	Baddeck	Victoria.
203—Laura Elizabeth Smith	Lower Barney's River	Pictou.
204—Janet Melissa Pitman	Brooklyn	Yarmouth.
205—Emily Caroline Perry	Carleton	Yarmouth.
206—Joseph Wilfred Davis	Granville Ferry	Annapolis.
207—Margaret Ann MacGregor	Westerly	Pictou.
208—Alta May Dow	West Brook Mills	Cumberland.
209—Christena Annie MacKenzie	Baddeck	Victoria.
210—Dorothy Margaret Crowdis	Baddeck	Victoria.
211—Ivy Isabel Minnie Tosh	Belle Isle	Annapolis.
212—Eva Florence Lukeman	Hazel Hill	Guysboro.
213—Christena Laura McClair	Newport Corner	Hants.
214—Vera Muriel Fisher	Great Village	Colchester.
215—Gladys Rice Crowell	Sandy Cove	Digby.
216—Lettie Lowther	Springhill	Cumberland.
217—Marguerite Elizabeth Foote	Economy Pt.	Colchester.
218—Grace Alma Philips	Green Oaks	Colchester.
220—Violet Alpha Sillers	River John	Pictou.
221—Anna Beatrice Heighton	River John	Pictou.
222—Alice Marguerite Brownell	Linden	Cumberland.
223—Eldridge Cyril Wright	Stewiacke	Colchester.
224—Phyllis Lilian Skerry	New Ross	Lunenburg.
225—Ella Sophia Zinck	Lunenburg	Lunenburg.
226—Harry Stanford Worth	North Ogden	Guysboro.
227—Margaret Winnifred Elderkin	Apple River	Cumberland.
228—Ruby Alma Wood	Annapolis Royal	Annapolis.
229—Lena Belle Wright	Clementsville	Annapolis.
230—Emelyn Morse Marsters	Berwick	Kings.
231—Agnes Mac Hall	Bridgetown	Annapolis.
232—Hilda Maud Feindel	New Germany	Lunenburg.
233—Elizabeth Mary Lyons	Canning	Kings.
234—Margaret Jane Cameron	E. R. St. Mary's	Pictou.
235—Elizabeth Charlotte Fenton	New Town	Guysboro.
236—Catherine Ellen Cameron	New Town	Guysboro.
237—Gertrude Urquhart	Montrose	Colchester.
238—Marjorie Florence Bulmer	Glenholme	Colchester.
239—Florence Wells MacIver	South Cove	Victoria.
240—Annie Caroline Schnare	Mahone Bay	Lunenburg.
241—Aileen Mansfield Hurley	Truro	Colchester.
242—Decima Abigail Higby	Woodvale	Digby.
243—Beulah Alberta Nickerson	Melbourne	Yarmouth.
244—Lavola Camilla Cox	Cheverie	Hants.
245—Annie Mary MacGregor	Westville	Pictou.
246—Marie Margaret MacDonald	River John	Pictou.
247—Isabel Esther MacLennan	River John	Pictou.
248—Stella Chisholm	River John	Pictou.
249—Minnie Irene Williams	Port Hawkesbury	Inverness.
250—Rena Mary Fox	Port Hastings	Inverness.
251—Elizabeth Dorothy Harris	Pictou	Pictou.
252—Katherine Elizabeth Butler	French River	Pictou.
253—Jane Boudreau	Arichat	Richmond.
254—Ruby Helen Snow	Port La Tour	Shelburne.
255—William Morris Jones	Glenholm	Colchester.
256—Abbie Marie Danielson	Clementsvalle	Annapolis.

257—	Oda Theodora Bushen	West Dublin	Lunenburg.
258—	Ada Willetta Harrington	Lower Economy	Colchester.
259—	Laura Mae Payson	Torbrook Mines	Annapolis.
260—	Lettie Mable Feener	Lunenburg	Lunenburg.
261—	Annie Laura Dawson	MacLellan's Brook	Pictou.
262—	Robie Cleveland Gilliatt	Granville Centre	Annapolis.
263—	Alexander Campbell	Red Islands	Richmond.
265—	Mary Emma Mailman	Bridgewater	Lunenburg.
266—	Violet Evelyn Mailman	Bridgewater	Lunenburg.
267—	Pearl Amanda Sellars	West Lawrencetown	Halifax.
268—	Mary MacGillivray	Antigonish	Antigonish.
269—	Clifford Gordon Copeland	Bear River	Annapolis.
270—	Gladys Mary Reinhardt	Beach Maedows	Queens.
271—	Blase Campbell	Victoria Mines	Cape Breton.
272—	Robert Nelson Bagnell	Louisburg	Cape Breton.
273—	Lida Neta Larsen	New Glasgow	Pictou.
274—	Mary Ann Nicholson	Barachois Harbor	Cape Breton.
275—	Mary Alice Gray	Seafoam	Pictou.
276—	Lester Cameron	Salt Springs	Pictou.
277—	Catherine Campbell Martin	Sydney	Cape Breton.
278—	Mary Emily Peck	Sydney Mines	Cape Breton.
279—	Mattie Elizabeth Atkinson	Westville	Pictou.
280—	Loretta MacDonald	Sydney Mines	Cape Breton.
281—	Mary Margaret McDonald	Fraser's Mills	Antigonish.
282—	Sarah Cassie MacDonald	Glace Bay	Cape Breton.
283—	Mary McNeil	Reserve Mines	Cape Breton.
284—	Katherine Francis Gillen	Conv. Sacred Heart	Halifax.
285—	Edith Murray Creighton	Halifax	Halifax.
286—	Fannie Burris	Middle Musquodoboit	Halifax.
287—	Bessie Matilda MacLoed	Six Mile Brook	Pictou.
288—	Mary Dorothy Cameron	Springhill	Cumberland.
289—	Gladys Mary Dukeshire	Kempt	Queens.
290—	Winifred Barbara MacNeil	Forks Baddeck	Victoria.
291—	Annie Margaret McGrath	Ketch Harbor	Halifax.
292—	Beryl Sophia Lipsett	Guysboro	Guysboro.
293—	Thelma Claude Davidson	Amherst	Cumberland.
294—	Ellen Eliza Smith	Mosherville	Hants.
295—	Laura May Sanford	Centre Burlington	Hants.
296—	William Joseph MacDonald	Fraser's Mills	Antigonish.
297—	Margaret McLellan	Glenville	Inverness.
298—	Annie Ester Comeau	Port Gilbert	Digby.
299—	Hazel Jean Rafuse	Lunenburg	Lunenburg.
300—	Lula Jean Fraser	E. Sheet Harbor	Halifax.
301—	Carrie Agnes McDonnell	Dunmore	Antigonish.
302—	Annie Edwina Elliott	Clarence	Annapolis.
303—	Cassie May Livingstone	Whitney Pier	Cape Breton.
304—	Edith Franklin Moore	Sydney	Cape Breton.
305—	Dougald Archie Gillis	S. W. Margaree	Inverness.
306—	John Randall Brannen	McGrays'	Shelburne.
307—	Gertrude Jean Ellis	Brookvale	Halifax.

Mechanic Science.

1912.

37—	Walter C. Lawson	Wolfville	Kings.
38—	Dara Mason Cochrane	Fox River	Cumberland.

1913.

39—	Russell E. Ripley	Fenwick	Cumberland.
40—	Simon Peter Gillis	Sydney	Cape Breton.

Domestic Science.

1913.

67—Laura Margaret MacDonell.....	New Minas.....	Kings.
68—Nettie Leach Baltzer.....	Middleton.....	Annapolis.
69—Edna Irene Lightbody.....	Masstown.....	Colchester.
70—Etta Beatrice Andrews.....	Middleton.....	Annapolis.
71—Nina May Neily.....	Nictaux West.....	Annapolis.

Rural Science.

1913.

10—Wenona Abbot.....	Forbes Point.....	Shelburne.
11—Marie E. Calder.....	Somerset.....	Kings.
12—William A. Doane.....	Truro.....	Colchester.
13—James H. Fitch.....	Truro.....	Colchester.
14—Merna M. Franke.....	Pleasant River.....	Queens...
15—Pearl L. Kedy.....	Mahone Bay.....	Lunenburg.
16—Winnifred M. G. Lavers.....	Parrsboro.....	Cumberland.
17—F. Eugene Lent.....	Freeport.....	Digby.
18—Annie M. MacLoed.....	South Gut.....	Victoria.
19—Lalia Mauzer.....	Bridgewater.....	Lunenburg.
20—Effie T. Mott.....	West Brook.....	Cumberland.
21—Ida L. Mitchell.....	Wall Brook.....	Kings.
22—Albert E. McCormick.....	Granville Center.....	Annapolis.
23—Estelle J. MacKenzie.....	Up. Nine Mile River... ..	Hants.
24—Leonia MacMillan.....	Amherst.....	Cumberland.
25—Mildred MacMurtery.....	Margaretville.....	Annapolis.
26—Leslie C. Nickerson.....	Lr. Woods Harbor.....	Shelburne.
27—Crandell P. Nodwell.....	Advocate Harbor.....	Cumberland.
28—Ellen A. O'Regan.....	Parrsboro.....	Cumberland.
29—Nellie Sinclair.....	South River Lake.....	Guysboro.
30—Margaret I. Wright.....	Montague.....	P. E. Island.

PASS LIST, 1913.

EVENING TECHNICAL SCHOOLS, NOVA SCOTIA.

AMHERST.

Stenography and Typewriting—(Myrtle A. Black, Instructor).

Pearl Ashton; Emma Baker; Catherine Black; Mrs. Loretta Cogswell; Alice Cameron; Muriel Grant; Ada Harrison; Beatrice Nicol; Laura Page, ($\frac{1}{2}$ prize); Mary Sumara; Nellie Steeves; Annie Sutherland, ($\frac{1}{2}$ prize); Pearl Ashton; Bessie A. Bent; Catherine Black; Muriel Grant; Ada Harrison; Laura Page; Annie Sutherland.

Elements of Electricity—(W. W. Casey, Instructor).

Otto Walsh, (Prize); Thomas W. Broughton; Leslie Flett; Stanley Parks; Ernest Brundage; Blair White; Mont Corey; W. Y. Chapman; Arthur McEachern, Edison Bryenton; Warren Rae; John Godfrey; Edison Fisher; Carl Pipes; Herman Goldstein; Edgar Reid.

Mechanical Drawing—(W. F. Colchester, Instructor).

Raymond Black; John Griffiths; Charles Backman; Bradford Hilton; William Archibald; Willard Weatherbee; James Donalds; Fred. Ferguson; Edward J. Morris, ($\frac{1}{2}$ Prize); William Allan; John Flanagan; William McLeod; James Burns; Hugh Logan; Garnet White ($\frac{1}{2}$ Prize); Wesley Fulmer.

Preparatory Class—(C. A. Pugsley and E. C. Glennis, Instructors).

Harold Brownell; Irving Bickerton; Homer Betts; Melbourne Cole; Robert Donaldson, ($\frac{1}{2}$ prize); Emmerson Kent; John MacKinlay, ($\frac{1}{2}$ prize); Victor Scott.

Dressmaking—(Miss L. J. Harrison, Instructress).

Georgie Morash II; Flora Johnson II; S. Moser II; Margaret Bland I; Rachel Nicholson I; Gertie Reeves I; Ethel Neal I; Annie Dalton II; Bessie McKay II; Mrs. Bradford Hilton II; Mrs. James Burns II; Mrs. G. L. Styles II; Rosie Lowe I; Bernice Page II; Gwen McEachern II; Leita McNeil II; Miss McLean II; Marion Campbell I; Mary Tibbets I; Helen Campbell I; Lillian Carter I; Bertie Fales II;

Architectural Drawing—(Geo. C. Brown, Instructor).

Ronald Babcock; Roy Cogswell; Wm. Curry; C. C. Chambers; Herbert Hatfield; Edward LeBlanc, (prize); Norman Musgrave; Russell McLean; Delbert Pettis; Vaughan Weldon; Ambrose Wheeler.

Business English—(R. D. Crawford, Instructor).

English III—William Hilm; Fred. Silliphant; Alfred Pormeir; English IV—Bessie Smith; Laura Page; Lorna Allen.

Automobile Engineering I—(Arnold S. Larder, Instructor).

Ira McKeen; William Nelson; F. Cuthbertson; Max Schurman; Vaughn Harrison; J. E. Barss.

Arithmetic—(H. M. Fife, Instructor).

II.—Fred Young. III—Alfred S. Cormier; Roy Facey; Alex. Belliveau; Wm. Helem; Calbert Loomer; Carol Welch; IV—Percy Reeves.

D. E. Bookkeeping I—(R. D. Crawford, Instructor).

Thomas W. Broughton; Leslie Noyles; William Black; Gordon Kent; Roy Allen; John A. Gould; Alfred Corner.

HALIFAX.**Preparatory Course—(H. D. Brunt, Instructor).**

William Latter; Albert Taylor; Charles Canteloupe; Albert Nensler; Richard Burnham; Raymond Turner.

Preparatory Course—(G. M. Huggins, Instructor).

Reginald Young; James Kinnear; Arthur Flinn; Robert Grant; Michael Keating; Alvin Marsden; Sydney Roberts; George Malthus; Percy Wright; Albert Evans; Vincent Bowser.

Preparatory Course—(W. P. Nichols, Instructor).

Mary Mountain; Mary Sullivan; Dorothy Horne; Winnifred Tanner; Eilleen Sullivan; May Brackett; Annie Bailey; Lottie Ellis; Sadie Davis; Marjorie Cough-ton.

English I—(D. S. McCurdy, Instructor).

Thomas Chisholm; Lawrence Saul; John F. Wheby; Wm. J. DeVan; W. E. Bigger; Mary Sullivan; Edward Barry; F. B. O'Neil; Harold Fisher; Hugh McDonald; Emma Green; Helen Tully; Lily B. Webber.

English II—(P. A. McAulay, Instructor).

Frank Sheridan; Milton Hilpert; Mary Sugden; Katie Gibson; Albert Fry; Harold Baker; Edgar Joudric; James Griffin; Sadie Lowry; Sidney Laidlaw. Clyde Baker.

English III—(A. T. MacKay, Instructor).

Irving J. Behie; Leonard Blois; Muriel Tracey; Daisy McEachern; Herbert Woodall; Lottie Lee; Albert McEachern; Emma Redmond.

English V—(E. T. Parker), Instructor.

Percy Butler; Katherine Marr; W. A. Adams; Cyril Chislett; Mary Sheehan; Eva Wambolt; Geraldine Tobin; S. D. Sampson; E. J. Doyle; Susie Barrett; T. Holmes; Myrtle Sireman; Edna Messervey; Marion Ripley; Mabel Wolfe; Nettie Stoddard; Eva Hill; Lyall MacNamara.

Arithmetic I—(J. M. S. McCabe, Instructor).

William Moriarty; Edward Barry; E. Rafuse; D. R. Flemming; Thomas Caithness; Robert Day; William Mason; Lawrence Saul; Thomas Doherty; Ralph McElmon; Percy Gannon; Fred Wilson; Albert Wilson; H. Kilroy; C. Lahey; H. Doyle; Roy Gibb.

Arithmetic II—(C. W. Parker, Instructor).

Clyde Baker; Frank Condon; Ralph Pitcher; Marion Ripley; William Bigger; Miss Mary Desgrange; Harold Baker; Walter Share; William Goss; Patrick Dowd; Fulton Fahie; Josephine Franklin; Edna Messervey.

Arithmetic III—(Graham Creighton and H. G. McLeod, Instructors).

Charles Colter; James Martin; L. Graves; F. A. Gordon; Stanley Dauphinee; W. Adams; G. Glennister; F. Milgate; Alex. Robertson; E. Shaffer; C. Beazley; Gilbert Wilson.

JOURNAL OF EDUCATION.

Arithmetic IV—(J. D. Vair, Instructor).

William Keating; John Fultz; Frank Hefferman; John Martin; Thomas Holmes; William Aronoff.

S. E. Bookkeeping—(J. E. Rutledge, Instructor).

George A. Payne; Lela Crist; Percy Fraser; Edwin Hawkins; John Holderoff; Edna Moore; William Holmes; Susie Barrett; John Connolly; Francis Daine; Victor Hawkins; Daisy McEachern; Hilda Mahar; Ivan Rosborough; Mary Young.

S. E. Bookkeeping—(A. E. Jubien, Instructor).

John J. Egan; Harold Floyd; James A. Graham; Lawrence Griffen; James Hickey; W. M. Horner; Phyllis LeBrun; James Marr; Lyall McNamara; Arthur Tait; Harry Nicol (D. E. 1).

D. E. Bookkeeping—(G. E. Holder, Instructor).

Alice VanMalder; Walter Raftus; John J. Napier; Earle Shields; Arthur W. Nickerson; Harry Murphy; Wm. T. Peckham; Grace Somers; Albert Oxley.

D. E. Bookkeeping—(J. W. Mont, Instructor).

Lily Brady; Grace Conrod; Winnifred Conrad; May Dauphinee; Susie Schnare; A. L. Beazley; Percy Cooper; Fred Keddy; Obed Nickerson; George Yates.

D. E. Bookkeeping—(W. H. Studd, Instructor).

Amy Stone; Mary Laidlaw; Mary O'Neil; Vera Lessin; May Taylor; Catherine Shea; Augustus Syverston; Gerald Lynagh; Chas. Owen; Gerald Young; A. Bowes; Clarence Barnhill.

Dressmaking—(Miss Mary Dee, Instructress).

Mrs. W. C. Archibald; Burton Ruby; Sadie Calnen; Ida Coolen; Grace Edwards; Laura Fisher; Mary Fisher; Florence Fry; Mrs. W. Gallagher; Mrs. Mary Hawes; Sarah Hill; Mrs. H. D. Holloway; Annie Laracy; Lillian Lockward; Mary Myette; Agnes Roma; Florence Stevenson; Josie Tynan.

Dressmaking—(Mrs. J. J. Burns, Instructress).

Muriel Butler; Addie Covey; Ella Covey; Mrs. W. Cuvelier; Mrs. J. M. Cunningham; Laura Graham; Mrs. W. LeCain; Carrie Lusher; Sophia Martell; Agnes Murphy; Mary Murphy; Maud Murphy; Mary O'Toole; Elizabeth Payne; Jean Publicover; Charlotte Sampson; Marion White; Sadie Wight.

Dressmaking II—(Miss E. McCawley, Instructress).

E. N. Crook; Lillian Clark; G. Curtis; Hilda Davis; Beatrice Enslan; Muriel Finlay; Mary Mitchell; B. Gossip; K. Haley; Harriett Harrison; Mrs. Johnson; Margaret Lahie; Lottie Munroe; B. Onslow.

Dressmaking III—(Miss S. L. Norton, Instructress).

Blanche Bishop; Carrie Boutilier; Georgina Calnen; Drucilla Conrod; Mrs. Catherine Creighton; Mrs. Richard Dunsworth; Mrs. Frank Farquharson; Anna Fry; Margaret Gillis; Mrs. Jane Graves; Mrs. Robert Taple; Mrs. William McDonald; Miss Ella McDonald; Mrs. Mary McHale; Mrs. William Myers; Mrs. Charles Myra; Mrs. John Sage; Miss Lucy Spike; Mrs. John Tanner; Mrs. Edwin Tracey; Mrs. Henry Tully.

Dressmaking I—(Mrs. Jane Fader, Instructress).

May Coombes; Mary Calahan; Mary Henrion; Laura Wentzell; Lottie Lee; Ella Sheperd; Muriel King; Katie Smith; Mrs. Mary Stewart; Mary Desbrisay; Ida Ordway; Josephine Dowd.

Dressmaking—(Mrs. George Hunt, Instructress).

Laura Carten; M. Caithness; F. McLean; Mrs. W. Turner; Jean Ewing; N. Fox; G. Lynagh; M. McDonald; M. C. Isles; Gladys Jewers; E. Smith; Viola Bezanson; Mrs. L. Bezanson; E. Chisholm; Mildred Donovan; Mrs. W. E. Donovan, Jennie Fraser; Mrs. S. Fraser; E. M. Herman; M. Hubley; D. Kane; E. McLeod; H. Sterns.

Elements of Electricity—(C. A. Anderson, Instructor).

T. Holmes; R. J. Marvin; D. J. Maxwell; W. L. Ryan; W. T. Spillane; W. A. Mitchell; C. H. Creighton; C. A. Fancy; R. Stensrude; R. Pepper; A. A. Bent.

Electricity II—(P. R. Colpitt, Instructor).

Leslie Southgate; John Harley; Donald Ferguson; Arthur Greig; M. Doyle; John Hire; L. C. Woodworth.

Household Economics—(Miss S. Archibald, Instructress).

Blanche Bishop; Dora Freeman; Myrtle Siteman; Mrs. James Woods; Rae Starratt.

Machine Drawing—(I. P. McNab, Instructor).

H. Fluck; F. J. Hogan; J. Kilroy; C. Dares; D. F. Warner; H. Fisher; C. Keating; T. J. Henderson; D. Cameron; W. M. Ray.

Machine Design—(I. P. McNab, Instructor).

J. Power; M. R. McDonald; P. O. Zwicker; Louis Kilcup; W. G. McDonald.

Elements of Chemistry—(G. R. Bancroft, Instructor).

Margaret MacKenzie; Maurice B. Zwicker; Robie F. Osman.

Practical Mathematics—(B. Gavin, Instructor).

John Purcell; Joseph Purcell; J. H. Clarke; Frank Hall; W. Smith; P. Conrod; E. Doyle; L. Haugen.

Garment Making—(W. M. Dickson, Instructor).

Leo Neary; John Cox; W. Young; Isaac Kravis; O. Worthen.

Mechanical Drawing—(L. N. Seaman, Instructor).

J. O. Stevens; F. Henderson; E. Lamphier; P. L. Nickerson; N. R. Ogilvie; M. L. Robinson; William Russell; F. E. Saltman; Fred. Hagell; Levi Peter; F. L. Green; E. L. Cote; C. J. McPhee; C. McConkey; Louis Lloyd; F. W. Bowie.

Architectural Drawing—(H. J. Knight, Instructor).

John Young; C. Heckler; A. Barrett; J. Gully; W. W. Bobbett; Arthur Anderson; A. Stevens; L. Kennedy; A. Priest; H. G. Bauld; G. Walsh; A. Skerry; C. Sweeney; H. O'Brien; W. Blackman; C. Leahy; E. Kelley; A. Nicol; R. Webber; W. Knox.

Building Construction Drawing—(R. A. Johnson, Instructor).

O. Gibbons; H. Carmichael; K. Cunningham; S. Case; B. H. Drake; B. Palmer; J. W. Moland; A. R. Giles; J. F. Silver.

Architectural Design and Estimating—(R. A. Johnson, Instructor).

Gordon Wolfe; J. A. Petre; F. Bishop; J. J. Duggan; W. Wilson.

Surveying I—(G. R. Haight, Instructor).

B. H. Drake; C. M. Crooks; J. H. Clark; W. F. Kettle.

NEW GLASGOW.

Machine Drawing—(John S. Watts, Instructor).

Hyland W. Fraser (prize); A. L. McLean; Robert Pallen; W. J. Davies; Hugh McPherson; J. Murray; James Sutherland.

Arithmetic—(A. G. Baillie, Instructor).

Grade III—David D. Ross; Frank Fraser; William Ford (prize); Elno Meikle; Frank Herring; Hugh Cameron; Daniel Ross; Grade IV—Osbourne McDonald; Fred Graham; Thomas McNeil; Frank Matheson.

English—(L. R. Skinner, Instructor).

English I—Paul Keating; Hugh Cameron. English II—Frank Herring (prize); Albert Fraser; Frank Fraser.

Architectural Drawing—(H. G. Clark, Instructor).

First Year—Hilford Mullins; Thomas A. Blair; Ernest Carmody; James McLean; Leonard Sutherland; G. W. Cunningham; G. R. McLean; Thomas A. Fraser; Second Year—John Johnson; Harold Horne; Edison Fraser; William D. Fraser; James Bannerman.

Dressmaking—(Annie F. Grant, Instructress).

Afternoon Class.

Isabel Cavanagh; Neta Ritchie; Hilda Eastwood; Marion McColl; Hazel Douglas; Mrs. Wm. Johnston; Isabel Marshall; Rosie Wight; Helen Townsend; Mrs. J. Cameron; Mrs. Wm. Lithgow; Mrs. Trotter; Kit McGregor; Clara Fraser; Katie Garrett; Rose Cameron; Rena Murray; Eva Doull; Mrs. Nellie Cooke; Mary Oliver.

Evening Class.

Ruth Anderson; Martha Henderson; Hazel Henderson; Hazel Christy; Annie McDonald; Eva McLean; Florence McKinnon; Mary McCarron; Lizzie McDougall; Minnie McDonald; Edythe Philip; Tillie Murray; Jessie McKinnon.

S. E. Bookkeeping—(Jas. Olding, Instructor).

G. B. Bruce, ($\frac{1}{2}$ prize); Albert Fougere; Sidney Turnbull ($\frac{1}{2}$ prize); Edward McLaren.

Elements of Electricity—(E. C. Koch, Instructor).

Robert W. Wilkes, (prize); John L. Flemming; W. D. Blackie; Zeph Murdock.

Practical Mathematics—(John T. McLeod, Instructor).

Clarence Wadden; Elmer Scott; Fenwick McKenzie, (prize).

Mechanical Drawing—(Arthur C. Priest, Instructor).

Wayne Donaldson; Donald S. Fraser; Gordon Herring; John E. Muirhead; Howard Berry; James E. Fraser; Roy Ford; George McInnis; Stanley G. Roberts; Clarence MacKay; Harold Fraser; John A. MacKintosh ($\frac{1}{2}$ prize); John A. Gordon; Perceval McDonald; Ernest Humphreys; F. A. Hardy; Joseph Gordon; Wilfred Ward ($\frac{1}{2}$ prize); Chester MacMillan; Craydon Seamon; Harold A. Brennan; Archie MacKenzie; Daniel J. Chisholm; Levi Lewgrow.

Electricity II—(C. B. Hills, Instructor).

James Russell; E. E. MacLeod.

SYDNEY.

Elementary Electricity—(John Murphy, Instructor).

Gordon Whitlock, (prize); Leslie Bagnall; Alex. Morrison; John Roberts; Andrew Wenning; Angus Ferguson; George Crowell.

Arithmetic (Whitney Pier)—(John T. Archibald, Instructor).

Arithmetic II—Stanley Prescott; Clarence Smith; Frank Smith; Willard McFadgen. Arithmetic III—Stewart Ford, ($\frac{1}{2}$ prize); Thomas Hynes, ($\frac{1}{2}$ prize); Thomas Madigan.

English (Center)—(J. L. Trask, Instructor).

English I—George Edwards; Alex. Morrison; Rita McDonald; Isaac Kyte; Florence McDonald. English II—Raymond D. Reid; Mary McDonald; Angus Ferguson; Edward McLeod; Eric McDonald; Ernest McCarthy; Murray Cossitt; English III—G. B. Reid; Josephine McDonald; Wilfred Greenwell.

English (Whitney Pier)—(J. L. Trask, Instructor).

English I—Willard McFayden; Norman McLeod. English II—Harold Morris; Gordon McKinnon. English III—Benjamin Smith, ($\frac{1}{2}$ prize); Stewart Ford, ($\frac{1}{2}$ prize).

Arithmetic (Center)—(C. A. Oulton, Instructor).

Arithmetic II—Dennis Peters; Harry Pipe. Arithmetic III—Albert Crowe; James Grant; J. H. McDonald; Murray Cossitt; Francis Mombourquette (prize); Frank L. Travers; Frank Lapholder; Dan. McCormick. Arithmetic IV—Leslie Bagnell.

Dressmaking—(Miss Luella Trask, Instructress).

Christena McInnis; Bessie Bearse; Florence McNeil; Juliet Raymond; Mrs. Norman McSween; Miss Minnie Carlin; Bessie Carlin; May MacDonald, ($\frac{1}{2}$ prize); Mrs. U. Brean; Albion Brean; Blanche Bearse; Mrs. Wellington Bagnall; Minnie Fraser; Lizzie Gallivan; May McIsaac.

Mechanical Drawing, (Mark W. Booth, Instructor).

Gordon MacKinnon; L. Thurston; Frank Johnston; Obed E. Hamm, (prize); Paul Mackley; Finlay MacDonald; William Forsberg; Thomas E. Walker.

Bookkeeping—(E. W. James, Instructor).

Double Entry—Katie A. McNeil; Irene Farquharson; Single Entry—F. G. Liscombe; Belle Bearse; M. U. McLellan; G. Kennedy; Margaret Curry.

Architectural Drawing—(W. E. Tomes, Instructor).

W. F. Lake; D. J. MacRitchie; Bert Grantmyer; J. W. Barrett; Reuben Pretty, (prize); J. E. McInnes; John Strickland.

Machine Drawing—(A. D. Jost, Instructor).

George Bearse; Harold Miller; Rufus Hines; Gordon Fogo; Edward Forsberg; Alex. Farquharson.

Practical Mathematics—(R. Ellis, Instructor).

John K. McLeod; Wilfred Greenwell; Stanley Freehairn.

TRURO.

Architectural Drawing—(E. D. Vernon, Instructor).

H. A. McElhinney; Frank Carroll; Ben Cullen; Harry E. Creelman; Ernest McNutt; Ora Hicks; Rod McNutt; Fred. S. Miller.

YARMOUTH.

Arithmetic—(A. W. Horner, Instructor).

Arithmetic I—Mabel DeVilliers; Earl Rankin; Herbert Duncan. Arithmetic II—Percy Hamilton Ray Moores; Frank Saulnier; Georgina Surette; Walter Cann; Murray McGray; John Murphy; Robert Hubbard; Fred. Rossiter. Arithmetic III—Reginald Nickerson; Victoria Deveau; Harry Butler; Bennie Gallant; Agnes Seagers; Neta Kenney; John Hogg. Arithmetic IV—John Wells; Harold Crosby; Willie Currier.

English I—(Geo. D. Blackadar, Instructor).

Edward Devo; Laurence Doucette; Karl Larsen; John Wells; John Allen; Sam. Nichols; Louis Coutreau; Lucy Amire; Sarah LaBerge; Julia D'Entremont.

D. E. Bookkeeping—(F. T. Burrill, Instructor).

Archibald B. Foote; Bradford H. Wetmore; John Hanley; Wilfred H. Gross.

Electricity—(John C. Ross, Instructor).

Melford Grant, II; Harry Wyman, II; Clyde Redding, I; Albinus Norne Jr., I; Nicholas Power, II.

Dressmaking I—(Miss Jennie A. Hunter, Instructress).

Florence Hall; Grace Pelton; Amy Ellenwood; Grace Gayton; Grace Lewis; Mrs. L. J. Adams; Ethel Adams; Bertha Foote; Jean Ferguson; Laura Kinney; Margaret Cameron; Margaret Scott; Lota Foote; Hilda Pugh; May Churchill.

Mechanical Drawing—(Melford Grant, Instructor).

Daniel Ashe; John Ferguson; Clyde Wyman; Willie Rogers; Edwin Herkes; Wallace Vickery.

Building Construction Drawing—(R. H. Davis, Instructor).

A. B. Little; Roy Ross; Pearl Allen; Everett Crosby; L. S. Haley; Winston Porter; L. Allen; A. C. Porter.

PASS LIST FOR PREPARATORY CLASSES MINING SCHOOLS, 1913.

Reserve Mines, C. B.—(Lindsay Finnigan, Instructor).

Samuel Hachie; Dimock Cormier; Stephen McKenzie; Delphen Perrier.

Dominion No. 1—(H. G. Douglas, Instructor).

John McLean; Dan F. Cameron; Thos. Day; Joseph Johnson; Fred. Ryan; Joseph Boone; Allan Caldwell.

New Aberdeen—(John McDougall, Instructor).

Alfred McInnis; Ernest Beaton; Michael Steele; Cecil Cudhea; Andrew Lynch; Burr Esshi; James Carlo; Andrew Neary; Harry Reynolds; Earl Gratto; Joseph Carrigan; Albert Downey; Neil McKinnon.

New Waterford—(C. E. Aikins, Instructor).

Simon deVeau; Allan McNeil; Avarid McDonald; Peter Cormier; Joseph F. Boudreau; Arthur Chiasson; Joseph Boudreau; Pat Muisse; Chas. Guthro; Allan McNeil; John J. McPhee.

Port Morien—(H. C. Woodbury, Instructor).

Charlie McLeod; Robert Peach; John McAulay; Duncan Curry; Clyde Shepherd; James Madden.

Glace Bay—(J. M. Macritchie, Instructor).

James D. McGillivray; Chas. McCuish; Norman McIssaac; Alex. McDonald; Patrick Keefe; James Chew; John A. Fraser; Rod McLean.

Sydney Mines—(W. E. Haverstock, Instructor).

Thomas Proctor; John Birmingham; Jas. Baxandale; Matthew Brown; Alex. Bond; James Turner; Wm. Hadley; Frank Miller; James Curtis Brown.

Florence, C. B.—(R. S. McLeod, Instructor).

Samuel Thompson; Joseph McFarlan; John Mann; Arch. Morrison; Benj. Marten; John Griffiths.

Inverness—(R. J. MacInnis, Instructor).

Weldon A. Ray; Norey Chiasson; John D. Ferguson; Dan David McDonald; Francis Xavier Cahill; John Napier.

Stellaraton—(C. A. Oulton, Instructor).

Collin Fraser; John Forest; Dan. J. Campbell; Herbert Partner; George Sharpe; John Withers; Thomas Isaacs; Alfred Partner; Cyril Partner.

Westville—(F. I. Lent, Instructor).

Thos. Harris; Wm. Collins; George Ruddle; Clarence Fisher; Tupper Hale; George McLeod.

Thorburn—(Rod. C. McLeod, Instructor).

John D. McLeod; Hugh Cameron; John Ross.

Springhill—(Robt. McCleave, Instructor).

Arch. Landry; Herman Hayward; Christopher Davis; James Gogan; Herbert Cook.

Joggins Mines—(E. J. Reynolds, Instructor).

John McKeigan; Richard Hall.

Glace Bay—(Mechanical Drawing).

George McAuley; Harry Brehant; Tom Roach; Bernard Walsh; John A. Ferguson.

Sydney Mines—(Mechanical Drawing).

James Dickson; Ronald A. McDonald; Roderick Barkley; Chas. McDonald; John E. Horsfield; Vincent Strojca; A. C. Day; Geo. M. McLean; Jas. Cashen; Harold Dorsay; J. C. Peck.

(Electricity I).

Peter Slavin; John C. Horsfield.

(Electricity III).

John Stephenson; James Dickson.

CADET INSTRUCTION.

A six weeks course to qualify male teachers as Cadet Instructors will be held in Halifax, Nova Scotia, commencing about the *first* of July.

Free transportation will be granted to the place of training, and return transportation to those who obtain a certificate. The usual pay and allowances will be given those in attendance.

Applications.

As only a limited number can take the course, preference will be given to those most likely to be of some value in the Corps of School Cadet Instructors. Only those candidates who express their intention to teach in Canada, and their determination to establish a Cadet Corps in any school where it is possible, will be accepted.

Applications, in the subjoined form, showing full name and Militia rank (if any) of the candidate, together with the name and address of the school in which the applicant is now engaged, should be sent to the Superintendent of Education thru the Inspector of the Division, not later than June 1st. The Inspector will forward the application with a minute as to the probable value of the applicant for Cadet work, having regard to his ability, as a teacher. Blank forms can be obtained from the Education Office.

FORM OF APPLICATION.

Place.....

Date.....

To The Superintendent of Education,
Province of Nova Scotia.
Halifax.

Sir,
I hereby make application to attend the Cadet Instructor's Course to be held at Halifax, N. S., during July and August of this year.

(a) I am in possession of a Grade "B" Physical Training certificate No.....

Or

(b) I am undergoing a Physical Training Course at.....

I intend to engage in teaching within the Dominion of Canada; and if granted a certificate, will endeavor to organize and instruct a Cadet Corps in my school, whenever sufficient boys are available.

Transport will be required from.....

I have the honor to be sir,

Your obedient servant,

I recommend the above applicant as a person likely to prove valuable as a Cadet Instructor.

Inspector of Schools for.....

The Course.

The Course will include:—

- (a) The Syllabus of training for Lieutenants (Infantry).
- (b) Scouting, (The Canadian Boy Scout).
- (c) Physical Training for Schools.
- (d) An elementary knowledge of Signalling.
- (e) Ability to instruct in the use of the Sub-target Gun.

No application for this course will be considered unless the applicant already holds a Grade "B" Physical Training Certificate.

School of Musketry.

A three weeks course in Musketry for Militia Officers and qualified Cadet Instructors will be held in Ottawa or Halifax commencing about the *first* of July. Should a large number of applications be received, preference will be given to those Cadet Instructors who are actually engaged in instructing a Cadet Corps. Free transport to the place where the school is held will be given to those who attend the course and return transport to those who obtain certificates. The usual pay and subsistence allowances will be given those who attend.

Applications for this course should reach the Superintendent of Education, Halifax, not later than the *first* of June.

Corps of School Cadet Instructors.

Teachers who qualify as Cadet Instructors and who are actually instructing a *bona-fide* organized and gazetted Cadet Corps, will be appointed to the Corps of School Cadet Instructors with the rank of a Lieutenant in the Militia. The mere fact of holding a Cadet Instructor's certificate, will not, however, be considered sufficient qualification for according Militia rank.

A Lieutenant in the Corps of School Cadet Instructors after having for three years successfully instructed a Cadet Corps, may be permitted to attend a Mil.

tary School of Instruction in order to qualify for the rank of Captain, and to receive the same pay and allowances as qualified Lieutenants of the Militia for similar attendance.

A Lieutenant in the Corps of School Cadet Instructors may be promoted to the rank of Captain, after having been a Lieutenant in the Corps for five years, and having for five successive years satisfactorily instructed a Cadet Corps, provided he has passed the qualifying course required for promotion to Captain in the Active Militia and qualified at the Canadian School of Musketry.

Uniform for Corps of School Cadet Instructors.

JACKET.—Reefer of double breasted pattern of blue black cloth or serge, of ordinary civilian sack coat length; fastened in front by two rows of four buttons each, of Canadian Militia pattern.

Sleeves to be plain, with two small buttons of Canadian Militia pattern at bottom of back seam. Shoulder straps, blue cloth, with gilt metal rank badges.

TROUSERS.—Of serge to match color of jacket; no stripe at seams.

CAP.—Forage, N. P.

As an alternative the Khaki service Uniform, officers' pattern, may be worn.

Uniform and equipment to be provided by the officers of the corps, as is done by other officers.

Allowances to Cadet Instructors.

For the training of a Cadet Corps during the school year, subject to the certificate of a Military Inspecting officer that the Cadet Corps has been well instructed in the course of military training laid down for it, allowances may be paid to qualified Cadet Corps instructors as follows:

(a) To a school teacher possessing a Cadet Instructor's certificate, or its equivalent, as may be determined by Militia Headquarters, who is a Lieutenant in the Corps of School Cadet Instructors or a member of some other Corps of the Active Militia, and who instructs a Cadet Corps affiliated with his school:—

\$1.00 per Cadet up to a maximum of 50.
 .75 per Cadet over 50 and up to 100.
 .50 per cadet over 100.

(b) A Captain in the Corps of School Cadet Instructors will receive the allowance he would be entitled to as a Lieutenant in the Corps of School Cadet Instructors, under the above regulations, plus an increase of 50 per cent.

Sub-Target Gun Machines.

(1) It is the desire of the Militia Department to place sub-target gun machines in those educational institutions which may have a teacher qualified as a military instructor.

(2) The space required in which to set up a sub-target rifle machine is 61½ feet from the centre of the base of the target, plus 5 or 10 feet for the recruits and instructor.

In many cases this accommodation is not available and it is suggested that these machines might be usefully employed in smaller space by,

(a) placing the target at the prescribed distance outside the building and aiming thru a window;

(b) by placing the target beside or behind the machine and aiming at the reflection of the target in a mirror placed on the wall at half the prescribed distance.

(3) Forms for application for these machines may be obtained from the Organizer and Inspector, Cadet Corps, Halifax, N. S.

(4) When sub-target gun machines are out of working order, and the instructor is not able to make the repairs, a report to this effect should be made to the Senior Ordinance Officer, Halifax, N. S., so that an expert may be sent to place the machine in working order.



CADET UNIFORMS.

The authorized Cadet Uniform consists of Felt Hat, Jacket, Service pattern of Khaki Serge or Olive Green Denim; Breeches, semi-riding; Serge Puttees or Khaki Stockings. Hats and Belts are furnished by the Department of Militia and Defence. Jackets, Breeches and Puttees or Stockings are purchased by the Cadet Corps or individual members of the Corps. Suits cost from \$2.75 to \$4.35 according to size and quality. Puttees 45 cents per pair, Stockings 35 cents per pair.

The Department of Militia and Defence gives a bonus of \$1.00 per Cadet for each smart and serviceable uniform shown at the Annual Inspection, to assist in paying for it. This very generous allowance enables the corps to practically pay for their uniforms in three years, and has the advantage of having the uniforms made for the individual boys and owned by them, instead of being interchangeable as a government issue would be, to which objection might be taken by some parents.

This illustration of the uniform is from a photo of a sealed pattern furnished Messrs. Clayton & Sons of Halifax, N. S., by the Militia Department. For detailed description see page 82, April *Journal of Education*, 1913.

Cadet Corps Camp.

A six days Cadet Camp for Cadets and school boys of Cadet age in Nova Scotia was held at Aldershot, N. S., August 15th to 20th. The Camp was commanded by Major J. A. Harris, 14th Kings Canadian Hussars. About 600 Nova Scotian school boys attended the Camp and were taught discipline, Physical and Military Drill, Scouting, Signalling, First Aid to the Injured and other useful subjects.

Intoxicating liquors and tobacco were excluded from the Camp, and the use of profane or improper language was forbidden.

Several Clergymen were present and assisted in the supervision of the boys.

The Department of Militia and Defence again granted free transportation, tents, food and bedding for the boys.

The Camp was inspected by Colonel R. W. Rutherford, Officer Commanding 6th Division, and he expressed himself well satisfied with the conduct of the cadets and the camp generally.

Field sports were held on the afternoon of the 19th and a number of team contests carried on. It was the aim in these contests to teach the individual boy to contend not merely for himself but for his corps. Silver cups were awarded to the winning corps in each case.

The winners were.—

Musketry.	Inverness Cadet Corps.
Scouting.	Liverpool Cadet Corps.
Cross Country Run.	Bear River Cadet Corps.
Relay Race.	St. Marys Cadet Corps, Halifax, N. S.
Marching.	St. Josephs Cadet Corps, Sydney, C. B.
Tug of War.	Inverness Cadet Corps.

Cadet Training Certificates.

List of those who passed successful examination at course held in Halifax, from 18th July to 13th August 1913, for Cadet Instructors Certificate (Grade "A").

- No. 24887—Mr. J. C. Kedy.
- No. 24888—Mr. C. W. MacIntosh.
- No. 24889—Mr. A. F. Craig.
- No. 24890—Mr. W. M. Ray.

- No. 24891—Mr. N. A. Burrell.
 No. 24892—Mr. H. G. McLeod.
 No. 24893—Mr. R. L. Reeves.
 No. 24894—Mr. H. H. Heal.
 No. 24895—Mr. H. A. Butler.
 No. 24907—Mr. E. R. Davies.

Military Drill, 1912-13.

The following prizes for Military Drill have been awarded to the fifteen best Cadet Corps in the Province on the report of the Inspecting Officer at the end of the school year:—

Cadet Corps.	Instructor.	Amount of Prize.
"A" Co'y. Halifax County Academy	Lieut. J. W. Logan	\$50.00
Halifax Industrial School	Mr. W. J. Johns	45.00
Annapolis Royal School	Lieut. J. W. Tanch	40.00
Yarmouth Academy	Lieut. G. D. Blackadar	35.00
The Oakdene, Bear River	Lieut. W. K. Tibert	30.00
Liverpool Academy	Lieut. R. F. Morton	25.00
"B" Co'y. Halifax County Academy	Lieut. J. H. Trefry	20.00
North Sydney High School	Lieut. C. W. Finck	15.00
The Stellarton	Lieut. M. Oulton	10.00
Inverness Public School	Capt. H. G. Johnstone, 94th Regt.	10.00
St. Joseph's School, Sydney	Lieut. J. L. Trask	10.00
"C" Co'y. Halifax County Academy	Lieut. H. D. Brunt	10.00
The Sydney Academy	Lieut. W. A. Creelman	10.00
The Seminary, Yarmouth	Lieut. A. W. Horner	10.00
The Londonderry	Lieut. E. P. Morse	10.00

Of these amounts one-half goes to the Instructor and the other half is invested for the benefit of the school.

Cadet Corps in Schools.

It is to be regretted that in some High Schools and Academies the opportunity for the organization and carrying on of a Cadet Corps is not embraced. The fact that schools in which are the most efficient Cadet Corps, usually stand highest also in scholastic attainments, is not only an answer to those who say they have no time for such work but should be an added incentive to the carrying on of this very important branch of education.

School Boards should also realize that a definite bargain has been made with the Militia Department, and financial assistance received from that Department for our teachers in both Physical and Military drill, in consideration of the encouragement of Cadet Corps in the schools. Some schools are living up to the agreement. Others are profiting by the increased efficiency of the teachers in physique and disciplinary ability imparted by the Physical Training Courses which they have undergone, but are not successful in completing their side of the bargain by training Cadet Corps.

Standing of School Cadet Corps, 1912-13.

The following Cadet Corps in Nova Scotia were active during the school year 1912-13 and were passed as efficient at the Annual Inspection:—

Grants varying according to the number of cadets passed—from \$35 to \$60—were qualified for by their respective instructors.

- No. 35—Halifax Academy Cadet Battalion.
- No. 110—Yarmouth Academy.
- No. 117—Middleton School.
- No. 124—The Londonderry.
- No. 167—North Sydney High School.
- No. 206—Halifax Common Schools.
- No. 232—Liverpool Academy.
- No. 233—Yarmouth Common School.
- No. 237—Stellarton High School.
- No. 244—Lockeport School.
- No. 249—Halifax Industrial School.
- No. 250—Louisburg School.
- No. 251—Bear River School.
- No. 254—Kings Collegiate School.
- No. 264—Annapolis Academy.
- No. 266—Kings County Academy.
- No. 267—Acadia Academy.
- No. 273—Chester High School.
- No. 285—Antigonish School.
- No. 287—Digby Academy.
- No. 288—Inverness High School.
- No. 297—Central School, (Sydney).
- No. 299—St. Joseph, (Sydney).
- No. 306—Sydney Academy.
- No. 307—Holy Redeemer, (Sydney).
- No. 308—St. Joseph's, (Sydney).
- No. 319—Chebucto School, (Halifax).
- No. 330—Dominion School.
- No. 345—St. Mary's, School, (Halifax).

The following Cadet Corps, inactive during school year 1912-13 were without an available instructor:—

- No. 201—Bridgewater High School.
- No. 261—Reserve Mines School.
- No. 265—Canning School.
- No. 272—Amherst Academy.
- No. 290—Port Hawkesbury.
- No. 295—Port Hood High School.

The following schools failed to keep up their Cadet Corps although they had qualified Instructors on their staffs during 1912-13:—

- No. 174—Colchester Academy.
- No. 236—New Glasgow High School.
- No. 268—Wolfville High School.
- No. 274—Lunenburg Academy.
- No. 283—N. S. Agricultural College.
- No. 286—White School, New Glasgow.
- No. 289—Pictou Academy.
- No. 309—Westville High School.

PHYSICAL TRAINING.

Strathcona Physical Training Prizes, 1914.

The present twelve inspectorates of the Province are the Provincial sub-divisions for supervision of, and competition in, Physical Training for the Strathcona prizes which will be apportioned for 1913-1914 to each inspectorate in proportion to the annual school enrolment of the previous year.

The inspector shall award the prizes for physical training within his own inspectorial division. The total amount of each prize shall be paid to the teacher who shall apply *one third*, with the approval of the inspector and trustees, to some appropriate object to be permanently displayed in the school room as a memento. The following list of competition sub-divisions and prizes in each inspectorial division is announced for the present school year, 1913-1914.

No. 1. Total amount to be divided into four equal sums each for (1) Halifax City, (2) West Halifax, (3) East Halifax, and (4) rural Halifax. First, second, third and fourth prizes in each respectively, in the ratio of 9, 8, 7, 6.

No. 2. Eight prizes of equal values: District of Lunenburg and New Dublin 4 prizes of equal value; district of Chester 1 prize; district of South Queens 2 prizes of equal value; district North Queens 1 prize. Sections having Cadet Corps not eligible for competition.

No. 3. Two prizes to each of the following four sub-divisions, (a) Yarmouth, (b) Argyle, (c) Barrington, and (d) Shelburne. Sections having a Cadet Corps to be excluded.

No. 4. A first and second prize to each of the four sub-divisions of the inspectorate, (a) Annapolis East, (b) Annapolis West, (c) Digby and (d) Clare. Two third prizes, one for Annapolis Co., and one for Digby Co. Sections having Cadet Corps to be excluded from the competition.

No. 5. One first prize, open to all teachers in the entire inspectorate. A first and second prize in each of the following sub-divisions of the inspectorate (a) Hants East, (b) Hants West, (c) Kings East, (including Kentville, Blue Mt., Lake

Mills, Alton, Pine Woods, Centreville, and East Hall's Harbor), and (d) Kings West. No teacher to receive more than one prize, and sections with Cadet Corps excluded.

No. 6. Three prizes, first, second and third to each of the Districts of Antigonish and Guysboro; and two, a first and second, to the District of St. Mary.

No. 7. Three prizes in the ratio of 5, 4, 3 to South Inverness District, and three similar prizes to Richmond District.

No. 8. Two prizes each for (a) Inverness South, south of the Margaree River, and (b) Inverness North, north of the Margaree, (c) Three prizes for Victoria Co. Sections with Cadet Corps excluded.

No. 9. Three prizes of equal value for (a) West Pictou and, (b) East Pictou. Sections with Cadet Corps excluded.

No. 10. Eight prizes of equal value. Three for the incorporated towns, one of which will be for grades I to VI inclusive, one for grades IV to VI, and one for grades VII to XI.

Two prizes to the graded schools not included in the above. Three prizes to the rural (ungraded) schools.

No. 11. Two-thirds of the total amount to be awarded to the graded schools of the Division in ten prizes in the proportion of 19, 18, 17, 16, 15, 14, 13, 12, 11, and 10; and one-third of the total amount to be awarded to the ungraded schools of the Division in six prizes in the proportion of 15, 14, 13, 12, 11, and 10.

Departments, any of whose pupils belong to cadet corps, to be excluded.

No. 12. North Colchester two prizes. West Colchester two prizes. South Colchester three prizes. Sections having a Cadet Corps will not be eligible for competitions.

STRATHCONA PRIZES FOR EXCELLENCE IN PHYSICAL TRAINING, SCHOOL YEAR, ENDED JULY, 1913.

List of Strathcona Prize Winning Schools in each County of Nova Scotia arranged according to Inspectorial Divisions for the School Year, ended July, 1913.

Graham Creighton, Division No. 1 (City and County of Halifax).

Miss A. C. Harlow, Halifax	\$ 8.76	
Miss Matilda Cunningham, Halifax	7.80	
Miss Hannah Flowers, Halifax	6.82	
Miss Annie L. Bayer, Halifax	5.85	
Miss Mildred Callagher, Woodside	8.76	
Miss Hilda Balcom, Indian Harbor	7.80	
Miss Tena McCarthy, Fall River	6.82	
Miss Annie Luscombe, Hammond's Plains	5.85	
Miss Joyce Webby, Lower Lakeville	8.76	
Miss Alice Smith, N. Ship Harbor	7.80	
Miss Annie Mae Jewers, Moser River	6.82	
Miss Anna B. Siteman, Newcombe's Bank	5.85	
Miss Vera B. Dowell, North	8.76	
Miss Alice Murchy, South	7.79	
Miss Bessie Bentley, North	6.82	
Miss Pearl E. Cruikshank, Carroll's Corner	5.84	
		\$116.90

H. H. Macintosh, Inspector, Division No. 2 (Lunenburg and Queens).

Miss Grace Getson, Lunenburg	\$ 11.87	
Miss Bessie Mader, North West School	11.86	
Miss Bertha I. Hirtle, Conquerall Bank School	11.87	
Miss Frances A. Locke, Centreville School	11.86	
Miss Nellie B. Freeman, Hunt's Point School	11.87	
Miss Gladys MacQuarrie, Charleston School	11.86	
		\$ 71.19

C. S. Bruce, Inspector, Division No. 3 (Shelburne and Yarmouth).

Miss Lizzie V. Hatfield, Brooklyn, Yarmouth Co.	\$14.78	
Miss Laura F. D'Eon, Upper West Pubnico	14.78	
Miss Sylvie H. Morse, Baccaro, Shelburne Co.	14.78	
Miss Myra Frellick, Sable River	14.77	
		\$ 59.11

L. S. Morse, Inspector, Division No. 4 (Digby and Annapolis).

Miss Estella N. Brooks, Williamston South, Annapolis Co.	\$ 7.50	
Miss May T. Davis, Granville Ferry	7.50	
Miss Lena A. Keans, North Springfield	6.50	
Miss Alice M. Troop, Belle Isle	6.00	
Miss Bessie E. MacLean, Victoria Vale	4.74	
Miss Nellie Irene Lent, Freeport, Digby Co.	7.50	
Miss Eugenie M. Comeau, Ohio	7.50	
Mr. Gordon H. Churchill, Weymouth, Digby Co.	6.00	
Miss Rose A. Melanson, Corberrie, Digby Co.	6.00	
Miss Antoinette Belliveau, Crosses Coques, Digby Co.	4.75	
		\$ 63.49

E. Robinson, Inspector, Division No. 5 (Kings and Hants).

Miss Gladys West, Wolfville, Kings Co.	\$16.72	
Miss Winnifred Robinson, Nicholasville, Kings Co.	16.72	
Miss Emory Langille, Walton, Hants Co.	16.72	
Miss Mary H. Shipley, Noel, Hants Co.	16.73	
		\$ 66.89

A. G. Macdonald, Inspector, Division No. 6 (Antigonish and Guysboro).

Sister Rose Berchmans, Harbour au Bouche, Antigonish Co.	\$ 7.50	
Miss Kate McInnis, Antigonish, Antigonish Co.	5.40	
Miss Sadie Macdonald, St. Andrews, Antigonish Co.	3.82	
Miss Florence E. Kavanagh, Hazel Hill, Guysboro Co.	7.50	
Miss Ruth W. Haward, Guysboro, Guysboro Co.	5.40	
Miss Stella M. McEachern, Pirate Harbor, Guysboro Co.	3.81	
Miss Elizabeth K. Chisholm, Upper Caledonia, Gouysboro Co.	7.50	
Miss Sadie D. Stewart, Still Water, Guysboro Co.	5.40	
		\$46.33

M. J. T. Macneil, Inspector, Division No. 7 (Richmond and South Inverness).

Miss Joan A. Weatherbee, Hastings, Inverness South.	\$11.20	
Sister St. Zephyrin, Mabou, Inverness South.	7.48	
Sister Marie Ste. Firmine, Arichat, Richmond Co.	11.20	
Miss Charlotte S. Currie, Richmond Mines, Richmond Co.	7.47	
		\$37.35

James MacKinnon, Inspector, Division No. 8 (Inverness North and Victoria).

Miss Annie M. McLellan, Belle Cote, Inverness Co.	\$ 8.50	
Miss Christena J. Miller, Margaree Ford, Inverness Co.	5.50	
Miss Louise Macdonald Baddeck, Victoria Co.	8.50	
Miss Belle C. Sellon, Englishtown, Victoria Co.	5.00	
Miss Belle C. MacLeod, South Gut, Victoria Co.	5.00	
Miss Joanna B. Morrison, North Gut, Victoria Co.	4.29	
		\$36.79

E. L. Armstrong, Inspector, Division No. 9 (Pictou).

Mr. Fraser MacDonald, Pictou Landing, (West).	\$8.09	
Miss Elsie Dickson, Lyons Brook, (West).	8.09	
Miss Mary A. Campbell, Heathbell, (West).	8.08	
Miss Myrtle G. Lewis, Trenton, (East).	8.09	
Miss Ada S. MacDonald, Hopewell, (East).	8.08	
Mr. Lewis S. Balcome, Trenton, (East).	8.08	
		\$ 48.51

I. C. Craig, Inspector, Division No. 10 (Cumberland).

Mr. Lorne T. Titus, Advocate.	\$14.13	
Miss Margaret Beaton, Lr. Shinimicas.	14.13	
Miss Helen Landels, Beckwith.	14.13	
Miss Ethel J. MacIvor, Amherst.	14.13	
Miss Emma I. Glennie, Amherst.	14.13	
		\$70.65

T. M. Phelan, Inspector, Division No. 11 (Cape Breton).

Sr. St. Bernard, Whitney Pier, (Graded).	\$12.31	
Sr. St. Alexander, Sydney Mines, (Graded).	11.66	
Sr. St. Marcella, New Waterford, (Graded).	11.01	
Sr. St. Francis, Sydney, (Graded).	10.36	
Miss Florence C. Downing, Glace Bay, (Graded).	9.72	
Sr. M. Stephen, Glace Bay, (Graded).	9.07	
Miss Josephine MacKenzie, North Sydney, (Graded).	8.42	
Miss Grace MacIntosh, Old Bridgeport, (Graded).	7.77	
Miss Lottie M. Morrison, Sydney, (Graded).	7.13	
Miss Annie Gunn, Sydney, (Graded).	6.48	
Miss Rachael I. MacLean, Catalone, (Ungraded).	9.40	
Miss Janet MacArthur, Coxheath (Ungraded).	8.77	
Miss Minnie Gillis, Beaver Cove, (Ungraded).	8.14	
Miss Minnie A. MacNeil, East Bay (Ungraded).	7.51	
Miss Mamie Currie, East Bay, North Side (Ungraded).	6.89	
Mr. Breton M. Holmes, Horn's Road, (Ungraded).	6.26	
		\$ 141.10

W. R. Campbell, Inspector, Division No. 12 (Colchester).

Miss Ruth R. Peppard, Central Economy (West).....	\$ 7.00
Miss Mildred Main, Upper Economy, (West).....	5.00
Miss Carrie Drysdale, Tatamagouche, (North).....	7.00
Miss Olive T. Forbes, French River, (North).....	5.00
Mr. Miles A. O'Brien, Gay's River, (South).....	7.00
Miss Ottie Caddell, Shubenacadie East, (South).....	5.00
Miss Carletta Whidden, Old Barns, (South).....	4.57
	\$ 40.57
Total.....	\$798.88

Physical Training Imperative in all Schools.

Altho third class teachers are not required to have a certificate of qualification to give physical training in school as it should be given, they are nevertheless required to qualify as far as possible, and to give the most suitable exercises to the conditions of the school from the prescribed text. This is one of the health precautions imperative in every school.

Every teacher of class higher than third must satisfy the Inspector that the exercises suitable to the conditions of the school are being regularly given to the pupils according to the prescribed text. Neglect or inefficiency in this respect on the report of the Inspector will render the teacher liable to a reduction of Provincial Aid to the next lower class.

To assist the Inspectors in making the allotment of Prizes for Physical Training from the Strathcona Trust, a report in the subjoined form should be sent by each Principal (or Teacher in case of ungraded schools) to the Inspector on or before the 1st of June.

Report of Physical Training, in..... school
 Section No. District of for school year
 beginning August 191.....

Name of Teacher.	No. of lessons P. T. per week.	No. of minutes per week given to recreation exercises.	Remarks.

.....Principal.

Note.—Column 2 "lesson" means the period of 20 minutes or more, devoted to teaching a Table of exercise.
 Column 3, "Recreative Exercise" is the short break in each long period during which the pupils are vigorously put through one or more familiar exercises.

Physical Training Text Books.

In all the Schools of the Province, the Physical Training will follow the "Syllabus of Physical Exercises for Schools," Canadian edition, 1911, published by the Executive Council, Strathcona Trust. It is designed to furnish a uniform standard of training in this subject thruout the Dominion and is practically a reprint of the Syllabus authorized by the British Board of Education.

The following amendments in the prescribed text should be noted:—

Table 30, group 5,—The detail of this exercise is as follows: Arms forward—*Raise*: Arms upward—*Swing*: Arms forward—*Lower*: Arms backward—*Swing*.

Table 64, group 1, (b).—"With Turning Feet—Change" is performed in four motions.

The explanatory Note should read "First the Left Foot is brought back, then the usual Right Turn is made in two motions; the Right Foot then lunges outward on the fourth motion."

Wherever the expression "Half Right (or Left) Turn" occurs as in Table 64 and following, Substitute "Right (or Left) *In-cline*."

Physical Training Courses.

Physical Training Courses for teachers will be conducted at the Rural Science School, Truro, N. S., and at the Atlantic Summer School of Science, during the Mid-summer vacation. At least two hours drill per day will be required in these courses.

Candidates in these courses as well as at the Normal College, will be required to furnish themselves with gymnasium shoes and clothing appropriate to the work. Ladies who take the course will find that a one-piece dress which allows freedom of movement, will add greatly to the comfort of the pupil and success of the instruction.

GRADE "B" PHYSICAL TRAINING CERTIFICATES.

AWARDED 1912-1913.

Normal College, Truro, (24th September to 29th January, 1913).

6555—	Jessie May Aalders.....	South Waterville.....	Kings.
6556—	Mathilda Arseneau.....	Belle Cote.....	Inverness.
6557—	Margaret May Comeau.....	Meteghan River.....	Digby.
6558—	Edith Amelia Crittenden.....	Mulgrave.....	Guysboro.
6559—	Hilda Gertrude Crooks.....	Spanish Ship Bay.....	Guysboro.
6560—	Isabel Jean Decker.....	East Ragged Island.....	Shelburne.
6561—	Anna Evelyn Clawson.....	Pleasant Harbor.....	Halifax.
6562—	Gertrude Florence Greene.....	Midville.....	Lunenburg.
6563—	Viva Evelyn Halfpenny.....	Sand Point.....	Guysboro.

6564—Mary Ann Laurie	Rhimes Creek	Hants.
6565—Helena Jane Levandier	Frankville	Antigonish.
6566—Lizzie May McIntosh	Central New Annan	Colchester.
6567—Agnes May MacKay	Kempt Head, Bouladarie, Cape Breton	
6568—Carrie Estelle V. MacKenzie	Plainfield	Pictou.
6569—Sarah Mary MacFayden	Malagawatch	Inverness.
6570—Sadie May McLellan	S. S. Harbor	Antigonish.
6571—Mary Elizabeth Miller	Mira Gut	Cape Breton.
6572—Josie Anne Morrison	Bouladarie	Cape Breton.
6573—Edith Frances Somers	Middle Melford	Hants.
6574—Kathleen Georgina Spanks	Crows Mills	Colchester.
6575—Ruey Elizabeth Teed	Oxford	Cumberland.
6576—Mary Elsie Thimot	Little Brook	Digby.
6577—Ruth Underwood	Windsor	Hants.
6578—Margaret Walters	Lunenburg	Lunenburg.
6579—Sadie Belle Zinck	Lunenburg	Lunenburg.

[Grade "C."]

88—Isabella Rogers	East Roman Valley
89—Christena McInnis	Shenacadie

(Truro, 4th February, 1913).

6580—Mary Isabella Davidson	Amherst	Cumberland.
6581—Ella Geraldine Holder	488 Robie St., Halifax	Halifax.
6582—Christine McKinnon	Antigonish	Antigonish.
6583—Edith May Blackie	Allan St., Halifax	Halifax.
6584—Bernice Curry Wilson	Waverley	Halifax.
6585—Annie Isabel Rettie	Stillman	Pictou.
6586—S. B. Trerice	Truro	Colchester.

(Normal College, Truro, 28th September to 6th May, 1913).

Colchester Academy, Truro, (19th January to 6th May, 1913).

6636—Wenona Abbott	Forbe's Point	Shelburne.
6637—Alice Marion Boulby	Aylesford	Kings.
6638—Elsie Calder	Springville	Pictou.
6639—Marie Calder	Somerset	Kings.
6640—Florence Chisholm	Five Islands	Colchester.
6641—Gladys Mae Coulter	Wallace Station	Cumberland.
6642—Bertha Catherine Decker	Swanburg	Shelburne.
6643—Alma Margaret Doucett	Tusket	Yarmouth.
6644—Vera Harris Eaton	Granville Center	Annapolis.
6645—Merna Myra Franke	Pleasant River	Queens.
6646—Gladys May Jackson	Paradise	Annapolis.
6647—Pearl Louise Kedy	Mahone Bay	Lunenburg.
6648—William Allison Doane	Truro	Colchester.
6649—James Harold Fitch	P. O. Box 277, Truro	Colchester.
6650—Avery George Hawboldt	Marriott's Cove	Lunenburg.
6651—Frederick Eugene Lent	Freeport	Digby.
6652—George William Etienne	D'Escousse	Richmond.
6653—Leslie Clifford Nickerson	Lower Wood's Harbor	Shelburne.
6654—Crandle Prescott Nodwell	Advocate Harbor	Cumberland.
6655—Ida Lillian Mitchell	Wallbrook	Kings.
6656—Effie Thelma Mott	West Brook	Cumberland.
6657—Laliah Anne Mauzar	Bridgewater	Lunenburg.
6658—Mary Teresa McGuire	Whiteburn	Queens.
6659—Annie Margaret McLeod	South Gut	Victoria.
6660—Estelle Jean MacKenzie	Upper Nine Mile River	Hants.
6661—Mildred Elizabeth McMurtery	Margaretville	Annapolis.
6662—Rena Blanche Nauss	Chester	Lunenburg.
6663—Hildred Bessie Stoddard	Musquodoboit Harbor	Halifax.
6664—Elsie Wentzell	Pleasant Point	Lunenburg.
6665—Marguerite Bishop West	Lawrencetown	Annapolis.

6666—Margaret Isabelle Wright	Montaque	P. E. I.
6667—Leonia Nellie McMillan	Amherst, Box 705	Cumberland
6668—Katherine Roscoe Dawson	Avonport	Kings
6669—Elizabeth Ellen Ellis	Box 12, Truro	Colchester
6670—Ellen Jeanetta Kent	Truro	Colchester
6671—Agnes Eleanor Sugatt	Box 405, Truro	Colchester
6672—Helen Mary Layton	Box 217, Truro	Colchester
6673—Ethelyn Mary Christie	River Hebert	Cumberland
6674—Alice Louise King	Box 803, Truro	Colchester
6675—Bessie Kay MacDonald	Box 570, Truro	Colchester
6676—Aileen Letitia Armstrong	Summerville	Hants
6677—Annie Florence Archibald	Great Village	Colchester
6678—Lena Maud Bambrick	Elderbank	Halifax
6679—Bessie Christie Brenton	Brookfield	Colchester
6680—Edith Sarah Brown	Windsor	Hants
6681—Edna Reynolds Card	Center Burlington	Hants
6682—Ella May Clarke	Stake Road	Cumberland
6683—Marie Lucie Comeau	Grosses Coques	Digby
6684—Laura Margaret Cunningham	Bay Head	Colchester
6685—Kathleen Davis	Box 123, Sydney Mines	Cape Breton
6686—Isilda Vaughan Allan	Allandale	Shelburne
6687—Leta Grace Eaton	Granville Center	Annapolis
6688—Bessie Jane Edwards	Hilden	Colchester
6689—Clara Evangeline Elliott	Clarence	Annapolis
6690—Hilda May Feindel	Bridgewater	Lunenburg
6691—Natalie Freeman	15 Carleton St., Halifax	Halifax
6692—Viola Amelia Fulmer	Bridgetown	Annapolis
6693—Janet Mary Grant	Meagher's Grant	Halifax
6694—Mabel Johnston	Sydney Mines	Cape Breton
6695—Ruby Jennie Kaulbach	Lunenburg	Lunenburg
6696—Vera Minerva Kelly	River Hebert	Cumberland
6697—Verta Pauline Lantz	New Ross	Lunenburg
6698—Elverina Langille Carter	DeBert Station	Colchester
6699—Annie Copland Macdonald	Lr. Barney's River	Pictou
6700—Gwendolyn Frances Lynch	Shibenacadie	Colchester
6701—Katherine MacAulay	Glace Bay	Cape Breton
6702—Iola Emma McCulley	DeBert Station	Colchester
6703—Irene Laxton McCurdy	Box 481, Truro	Colchester
6704—Annie Anderson McDonald	Grand River	Richmond
6705—Eva Marion McDonald	Box 303, New Glasgow	Pictou
6706—Margaret McKenzie McDonald	Churchville	Pictou
6707—Mary McDonald Lennox	Antigonish	Antigonish
6708—Settie Viola McKenzie	Hazel Hill	Guysboro
6709—Annie McInnis	S. S. Cape George	Antigonish
6710—Hattie Laurence McLeod	Strathlorne	Inverness
6711—LeEtta Jane McPherson	Box 414, Springhill	Cumberland
6712—Mary Ann McSavanev	Box 425, Springhill	Cumberland
6713—Faye Marshall	Spa Springs	Annapolis
6714—Lelia Gertrude Melanson	Joggins Mines	Cumberland
6715—Emily Mills	Granville Ferry	Annapolis
6716—Lena Margaret Muller	Martock	Hants
6717—Ella Marguerite Munn	Leitches Creek	Cape Breton
6718—Lexie Victoria Murray	Springhill	Cumberland
6719—Williamina Murray	Greenhill	Pictou
6720—Frances Alfretta Noiles	Springhill, Box 444	Cumberland
6721—Vera Glisson Ogilvie	Glace Bay	Cape Breton
6722—Juene Irene Pace	411 Brunswick St., Hfx	Halifax
6723—Edith Courtney Paget	Hazel Hill	Guysboro
6724—Anna Heath Parsons	Springhill, Box 458	Cumberland
6725—Mary Elizabeth Potter	Clementsale	Annapolis
6726—Rose Frances Lawlor	Guysboro	Guysboro
6727—Jessie McKenzie	Box 313, North Sydney	Cape Breton
6728—Daisy Prime	Freeport	Digby
6729—Myra Ring	Freeport	Digby
6730—Mildred Irene Ripley	Maccan Station	Cumberland
6731—Mary Ellen Rogers	East Roman Valley	Guysboro

6732—Annie Irene Roney	Granville Center	Annapolis.
6733—Jacobine Lock Smith	Lockeport	Shelburne.
6734—Lida Marie Smith	Kirkhill	Cumberland.
6735—Florence Etta Stoddard	Clam Harbor	Halifax.
6736—Gladys Blanche Strong	Lakeville	Kings.
6737—Blanche Mary Surette	Wedgeport	Yarmouth.
6738—Sadie Olivia Tait	Amherst	Cumberland.
6739—Edith Louise Trenholm	Grand Pre	Kings.
6740—Susan Eilsine Troop	Granville Center	Annapolis.
6741—Nellie Minerva Trevo	Brighton	Digby.
6742—Merynie Louise Veneau	Lunenburg	Lunenburg.
6743—Marjorie Warr	Falmouth	Hants.
6744—Ethel Blanche Withrow	Millford Station	Hants.
6745—Jessie Arline Wolfe	Dartmouth	Halifax.
6746—Ermina Vesta Young	Brighton	Digby.
6747—Rita May Young	Freeport	Digby.
6748—Florence Hillard Zinck	Chester	Lunenburg.
6749—Jessie Jane Zinck	East Chester	Lunenburg.
6750—Elsie Vivian Simpson	Truro, Box 194	Colchester.
6751—Gladys Ryan	Box 954, Truro	Colchester.
6752—Margaret Helen Harrison	Dartmouth	Halifax.
6753—Mary Alberta Ellis	682 George St., Sydney	Cape Breton.
6754—Janet Gordon Graham	New Glasgow, Box 2	Pictou.
6755—Stella Mabel Higgins	Crowes Mills	Colchester.
6756—Evangeline Hynes	Descousse	Richmond.
6757—Marion Emily Martin	Port Hawkesbury	Cape Breton.
6758—Alice Isabelle O'Brien	Noel	Hants.
6759—Gladys Geraldine Stephens	Tenecape	Hants.
6760—George Reuben Underwood	Five Mile River	Hants.
6761—Severin LeBlanc	Margaree Forks	Inverness.
6762—Charles William McIntosh	Pleasant Bay	Inverness.
6763—James Percy Scott	East Gore	Hants.
6764—Winnifred Blackman	35 Willow St., Halifax	Halifax.
6765—Erma McLaughlin	Londonderry	Colchester.
6766—Harrison Flint Lewis	Wolfville	Kings.
6767—Melville Gordon Cruikshank	Eldersbank	Halifax.
6768—Frank Scott Cleveland	Chester	Lunenburg.
6769—Percy Alvin Benjamin	Gay River	Colchester.
6770—Harold Keith McKay	Shubenacadie	Colchester.
6771—John Allister Ross	Truro Box 648	Colchester.
6772—John Ernest Logan	Box 242, Truro	Colchester.
6773—Harriett Louise Lindsay	Box 423, Truro	Colchester.
6774—Ada Brooklin Matheson	Springhill	Cumberland.
6775—Annie Elizabeth McLean	Margaretville	Annapolis.
6776—Dora Evelyn McNutt	Truro	Colchester.
6777—Annie Isabel McIntosh	North Earltown	Colchester.
6778—Ida Helen MacLeod	New Haven	Victoria.
6779—Elizabeth Allen McCallum	Noel	Hants.
6780—Elsie McLeod	Millford Station	Hants.
6781—Ada Hennigar McDonald	South Maitland	Hants.
6782—Myrtle Blanche Lynds	Glenholme	Colchester.
6783—Ella Elizabeth Rankin	Gays River W.	Halifax.
6784—Edith Lavenia Hennigar	Hennigar's P. O.	Hants.
6785—Harriett Catherine McDonald	Riversdale	Colchester.
6786—Mary Christine Sutherland	Old Barns	Colchester.
6787—Myrtle Thelma Johnson	Box 410, Truro	Colchester.
6788—Flora Jane Upham	Box 95, Truro	Colchester.
6789—Amy Cassfield Purdy	Wentworth Station	Cumberland.
6790—Alice Amelia Etter	Shubenacadie	Colchester.
6791—Hattie Clare Putnam	Lower Onslow	Colchester.
6792—Erma Etta Carter	Box 358, Truro	Colchester.
6793—Marguerite Elizabeth Foote	Box 939, Truro	Colchester.
6794—Evelyn Louise McLennan	Noel Shore	Hants.

[Grade "C".]

95—Sarah Jane Wyllie.....Glenholm.....Colchester.

NORMAL COLLEGE, TRURO.

(9th February to 18th June, 1913).

6922—Beulah Acker.....	Springfield.....	Annapolis.
6923—Louise Blanche Anthony.....	Kennetcook Corner.....	Hants.
6924—Bessie Arseneau.....	Belle Cote.....	Inverness.
6925—Pearl Marion Archibald.....	Great Village.....	Colchester.
6926—Florence Lily Awalt.....	Hemford.....	Lunenburg.
6927—Lottie Myrtle Benedict.....	Martock.....	Hants.
6928—Sadie Lelia Berry.....	Lower Economy.....	Colchester.
6929—Ethel Mina Berry.....	Lower Economy.....	Colchester.
6930—Ethel Fawcett Blenkhorn.....	Maccan Station.....	Cumberland.
6931—Mary Theresa Boudreau.....	Eel Brook.....	Yarmouth.
6932—Estelle Bourque.....	Eel Brook.....	Yarmouth.
6933—Louise Bourque.....	Eel Brook.....	Yarmouth.
6934—Mary Boyle.....	Afton.....	Antigonish.
6935—Catherine Boyle.....	Beaulieu.....	Antigonish.
6936—Augusta Bruce.....	Shelburne.....	Shelburne.
6937—Alma Louise Buckley.....	W. Dalhousie.....	Annapolis.
6938—Hazel Belle Cameron.....	Linacy.....	New Glasgow
6939—Elizabeth Cash.....	Irish Cove.....	Cape Breton.
6940—Florence Chisholm.....	Glassburn.....	Antigonish.
6941—Sadie Chisholm.....	Heatherton.....	Antigonish.
6942—Sarah Christina Chisholm.....	Summerside.....	Antigonish.
6943—Mary Lane Colter.....	River John.....	Pictou.
6944—Annie May Colter.....	Hartford.....	Cumberland.
6945—Miss A. Comeau.....	Meteghan River.....	Digby.
6946—Annie Esther Comeau.....	Little Brook.....	Digby.
6947—Grace V. Conrad.....	Hubbards.....	Halifax.
6948—Lulu Gertrude Cook.....	Bridgewater.....	Lunenburg.
6949—Ida May Crittenden.....	Mulgrave.....	Guysboro.
6950—Charlotte Evangeline Dargie.....	Bridgetown.....	Annapolis.
6951—Mary Ellen DeVeau.....	Mavillette.....	Digby.
6952—Mary Eveline Doucette.....	Cape St. Marys.....	Digby.
6953—Lena G. Downie.....	Margaretville.....	Annapolis.
6954—Minnie Kathleen Farrel.....	Barrington.....	Shelburne.
6955—Ethel May Gilvrey.....	Springhill, Box 186.....	Cumberland.
6956—Mabel Eveline Goodwin.....	Wood's Harbor.....	Shelburne.
6957—Lilian Elizabeth Gouthro.....	French Vale, Sydney.....	Cape Breton.
6958—Leona Gurda Hagar.....	Round Bay.....	Shelburne.
6959—Ella Cook Hall.....	Burlington.....	Kings.
6960—Lottie Violet Harrington.....	Lower Economy.....	Colchester.
6961—Carrie May Hart.....	Boyleston.....	Guysboro.
6962—Helen C. Mayford.....	Westport.....	Digby.
6963—Winnifred Hemmeon.....	Arnold.....	Shelburne.
6964—Jean Aileen Henderson.....	Box 105, Truro.....	Colchester.
6965—Helena Mae Higby.....	Beaver River.....	Digby.
6966—Carrie Ellen Himmelman.....	Rose Bay.....	Lunenburg.
6967—Catherine Horner.....	Pleasant Valley.....	Antigonish.
6968—Cecelia Frances Jenkins.....	Guysboro.....	Guysboro.
6969—Sarah Brown.....	Sydney Mines, Box 85.....	Cape Breton.
6970—Margaret Mills Shaffner.....	Karsdale.....	Annapolis.
6971—Charles R. Dyas.....	Parrsboro.....	Cumberland.
6972—Beatrice Eugenie Mumford.....	Dartmouth.....	Halifax.
6973—Ethel Johnston.....	Red Islands.....	Richmond.
6974—Hazel F. Joudrey.....	Mahone.....	Lunenburg.
6975—Ella Lamina Kaulbach.....	Dalhousie Road.....	Kings.
6976—Edith May Kilcup.....	Windsor.....	Hants.
6977—Florence Marion Lent.....	Freeport.....	Digby.
6978—Annie Elizabeth LeBlanc.....	Grosse Coque.....	Digby.
6979—Hattie Jane LeBlanc.....	Margaree Forks.....	Inverness.
6980—Annie Rose LeBlanc.....	Friars Head.....	Inverness.
6981—Elizabeth Alice Lowe.....	Moser's River.....	Halifax.
6982—Phoebe May Luddington.....	New Harbor.....	Guysboro.
6983—Nola Pearl McGuire.....	Steep Creek.....	Guysboro.

6984—Minnie Evangeline McMillan.....	Sheet Harbor.....	Halifax.
6985—Nina Annie May Marshall.....	Burlington.....	Kings.
6986—Jennie Muir.....	Westville.....	Pictou.
6987—Christena Laura McClair.....	Newport Corner.....	Hants.
6988—Velma Viella McCulley.....	Bible Hill.....	Colchester.
6989—Christina McDonald.....	Mull River.....	Inverness.
6990—Katherine McDonald.....	Box 570, New Glasgow.....	Pictou.
6991—Mary Catherine McDonald.....	Box 212, Inveness.....	Inverness.
6992—Mary Cassie McDougall.....	Broad Cove Marsh.....	Inverness.
6993—Catherine Bessie McDougall.....	Christmas Island.....	Cape Breton.
6994—Mary Agnes McDougall.....	Harbour au Bouche.....	Antigonish.
6995—Penelope McEachern.....	S. S. Cape George.....	Antigonish.
6996—Florence Mae McFayden.....	River Dennis.....	Inverness.
6997—Catherine MacInnis.....	West Bay.....	Inverness.
6998—Dolina McIvor.....	Barney River.....	Pictou.
6999—Jennie McKay.....	East Branch.....	Pictou.
7000—Jean McKay.....	Baddeck.....	Victoria.
7001—Gertrude MacKenzie.....	Maitland.....	Hants.
7002—Marjorie McLellan.....	Inverness.....	Inverness.
7003—Mary Cecelia McNeil.....	Box 135, Glace Bay.....	Cape Breton.
7004—Sarah Ann McNeil.....	Glace Bay.....	Cape Breton.
7005—Sarah McPherson.....	Clydesdale.....	Antigonish.
7006—Eva M. Nichols.....	Lochaber.....	Antigonish.
7007—Hattie Iona Outhouse.....	Tiverton.....	Antigonish.
7008—Lola Elizabeth Perry.....	Round Island.....	Shelburne.
7009—Winnifred Maud Philips.....	Wentworth.....	Hants.
7010—Elva Christie Rutherford.....	Upper Stewiacke.....	Colchester.
7011—Laura Eva Saulnier.....	Corberrie.....	Digby.
7012—Mildred Marion Spencer.....	Mira Gut.....	Cape Breton.
7013—Sadie Mildred Spidell.....	Parkdale.....	Lunenburg.
7014—Lillian Taylor.....	Swansburg.....	Shelburne.
7015—Sadie Thompson.....	81 Argyle St., Halifax.....	Halifax.
7016—Laura H. Townsend.....	Louisburg.....	Cape Breton.
7017—Emma May Underwood.....	Three Mile Plains.....	Hants.
7018—Mary Katherine Walker.....	W. Lake Ainslie Chapel.....	Inverness.
7019—Della Eloise Wallace.....	Shubenacadie.....	Hants.
7020—Dora Adelia Wile.....	Midville.....	Lunenburg.
7021—Joseph Alphonsus Webb.....	Havre au Bouche.....	Antigonish.
7022—Joseph Raymond Meuse.....	Eel Brook.....	Yarmouth.
7023—Edgar Willard Mingo.....	Denmark.....	Colchester.

Summer School of Science, Halifax.

(8th July to 29th July, 1913).

7097—Etta Beatrice Andrews.....	Middleton.....	Annapolis.
7098—Mary Willis Armstrong.....	Granville Ferry.....	Annapolis.
7099—Ruby Douglas Archibald.....	Murdock Square, City(Glen Margaret).....	Halifax.
7100—Pearl Collins.....	Waverley.....	Halifax.
7102—Alma Grace Hoben.....	436 Robie St., Halifax.....	Halifax.
7104—Winnifred Mary Kennedy.....	26 John St., Halifax.....	Halifax.
7106—Margaret W. Nicholl.....	137 Edward St., Halifax.....	Halifax.
7107—Annie C. L. MacDonald.....	West Mid. River.....	Victoria.
7108—Judith Forbes Piers.....	130 Jubilee Rd., Halifax.....	Halifax.
7109—Hilda Irene Sheenan.....	119 Morris St., Halifax.....	Halifax.
7110—Pearl Amanda Sellars.....	W. Lawrencetown.....	Halifax.
7114—Mamie B. Webber.....	Chester.....	Lunenburg.
7116—Bessie A. Rice.....	Bear River.....	Digby.
7118—Norah E. O'Brien.....	45 Fenwick St., Halifax.....	Halifax.
7122—I. C. Freeman.....	15 Carleton St., Halifax.....	Halifax.
7124—Nancy C. Lamont.....	Billtown.....	Kings.
7126—Clara Murray Martin.....	Gaspereaux.....	Kings.
7131—Terry McGregor Knox.....	Riversdale.....	Lunenburg.
7133—Laurie Browne.....	Springhill.....	Cumberland.
7134—Beulah Elderkin.....	Wolfville.....	Kings.
7135—Helen Bancroft.....	Pleasant Valley.....	Yarmouth.

7136—Violet Evelyn Mailman.....	Bridgewater.....	Lunenburg.
7137—Mary Josephine Kyte.....	St. Peters.....	Richmond.
7138—Mary Alfreda Kirkpatrick.....	Shubenacadie.....	Hants.
7143—Nina Beryl M. March.....	Bridgewater.....	Lunenburg.
7144—Hazel Hildreth Smith.....	Baccars.....	Shelburne.
7145—Gladys May Hutchinson.....	Berwick.....	Kings.
7146—Gladys Beatrice Durland.....	New Germany.....	Lunenburg.
7147—Catherine MacDonald.....	Malon.....	Inverness.
7148—Leda Beatrice Cook.....	Bridgewater.....	Lunenburg.
7149—Myrtle Frances Thompson.....	Musquodoboit Harbor.....	Halifax.
7150—Lizzie Pentz McGill.....	Shelburne.....	Shelburne.
7152—Agnes B. Baxter.....	Maitland.....	Halifax.
7153—Mary Emma Mailman.....	Bridgewater.....	Lunenburg.
7154—Minnie Innes Verge.....	New Germany.....	Lunenburg.
7155—Marion Park.....	McPherson's Mills.....	Pictou.
7157—Malcolm Nicholson.....	196 Lockman St., Hfx.....	Halifax.
7159—William Joseph Perry.....	1 Wright Ave., Halifax.....	Halifax.
7160—Henry Arthur Mosley.....	Rose St., Dartmouth.....	Halifax.
7161—Annie May Shupe.....	Second Peninsula.....	Lunenburg.
7163—Mary Evelyn Slack.....	Windsor.....	Hants.
7166—Helen L. Spinney.....	Greenwood.....	Kings.
7167—Catherine Winnifred Kent.....	Centre Musquodoboit.....	Halifax.
7173—Harris Charles Eisenhaur.....	Lunenburg.....	Lunenburg.
7174—Alexander Fraser Craig.....	Truro.....	Colchester.
7175—Daniel A. Macdonald.....	Fraser's Mills.....	Antigonish.
7177—Mrs. Margaret Newman Kennedy.....	25 Brenton St. Halifax.....	Halifax.

[Grade "C."]

130—Henrietta Jackson.....	St. Peters.....	Cape Breton.
----------------------------	-----------------	--------------

Halifax, (8th August, 1913).

7178—Wm. H. Ray.
7179—Harold H. Heal.

RURAL SCIENCE SCHOOL, TRURO.

(July 9th to August 6th, 1913).

7288—Louise Vaughn Brownell.....	Northport.....	Cumberland.
7289—Seldon Cummings Bryson.....	Box 721, Truro.....	Colchester.
7280—Hattie Ann Burke.....	Cannes.....	Richmond.
7291—Katherine E. Butler.....	French River.....	Pictou.
7292—Marion McLaren Butler.....	French River.....	Pictou.
7293—Mary Munroe Cameron.....	Pleasant St. N. Glasgow.....	Pictou.
7294—Myrtle Campbell.....	New Glasgow.....	Pictou.
7295—Lavola Camilla Cox.....	Cheverie.....	Hants.
7296—Dorothy Margaret Crowdis.....	Baddeck.....	Cape Breton.
7297—Sara Beatrice Crowell.....	Crowell's P. O.....	Shelburne.
7298—Edith Maie Dullio.....	Maitland.....	Hants.
7299—Duncan K. Finlayson.....	Grand River.....	Richmond.
7300—Sadie Flynn.....	Thorburn.....	Pictou.
7301—Ellen Gunn.....	Tatamagouche.....	Colchester.
7302—Agnes Cecelia Keefe.....	Sydney.....	Cape Breton.
7303—Lois Bertha Kennedy.....	Mahone Bay.....	Lunenburg.
7304—Sara Christena Kennedy.....	Thorburn.....	Pictou.
7305—Eva C. Kavanagh.....	Canso.....	Guysboro.
7306—John J. LeBlanc.....	Belle Cote.....	Inverness.
7307—Beryl Sophia Lipsett.....	Guysboro.....	Guysboro.
7308—Stella May Logan.....	Stewiacke Cross Roads.....	Colchester.
7309—Marion Ellis Lynch.....	Shubenacadie.....	Hants.
7810—Carrie Waugh Lynds.....	DeBert Station.....	Colchester.
7811—Evelyn Morse Marsters.....	Berwick.....	Kings.
7812—Dolina Pearl Munroe.....	Thorburn.....	Pictou.
7813—Catherine Tena Munroe.....	Thorburn.....	Pictou.

7314—Marie Margaret MacDonald	River John	Pictou.
7315—Annie Margaret Macdonald	Eden Lake	Pictou.
7316—Margaret Ann MacGregor	Westerly	Pictou.
7317—Mary Belle MacGregor	River John	Pictou.
7318—Jennie Florence MacIntosh	Lismore	Pictou.
7319—Christena MacIver	Upper Washabuck	Victoria.
7320—Christena Annie MacKenzie	Crescent Grove	Baddeck.
7321—Florence C. McLellan	Belle Cote	Inverness.
7322—Marion McLeod	The Falls	Colchester.
7223—Isabel Esther McLennar	River John	Pictou.
7324—Elsie Myrtle McNutt	Truro	Colchester.
7325—Annie Catherine McPherson	Landsdowne Station	Pictou.
7326—Margaret Jean MacQueen	Kings Head	Pictou.
7327—Leon L. Nichols	Union Square	Lunenburg.
7328—Margaret Ellen Reeves	Thorburn	Pictou.
7329—Annie Ella Rice	Baddeck Forks	Victoria.
7330—Edna Catherine Robertson	Thorburn	Pictou.
7331—Myrtle Enid Webber	Oyster Pond, Jeddore	Halifax.
7332—Mary Permillia Wentzell	Riverport	Lunenburg.
7333—Ralph H. Wetmore	Box 597, Yarmouth	Yarmouth.
7334—Jean Eliazbeth Whitman	Pugwash	Cumberland.
*7335—Minnie MacMillan	Sheet Harbor	Halifax.

*This Student's name was omitted in the list sent in for June Examination.
Attendance from February 9th to June 17th, 1913 H. F. M.

Municipal School Fund

For the support of Public Schools, appropriated to Trustees of School Sections named below for the year ended July 31st, 1913.

The Asterisk (*) indicates the Poor Sections.
(Con) = Consolidation.
(S G) = School Garden.

Paradise West	206	5264	55 86
Springfield	206	2339	38 72
Lake Pleasant	170½	3039	38 51
Falkland Ridge	204	4823	53 05
Torbrook Mines	206	5700	58 42
Crossburn	197	2005	35 67
Hastings	201	4510	50 84
N. Springfield	206	5814	58 09

Poor Sections.

Douglasville	206	898	45 40
West Inglisville	201	923	44 71
Inglewood	98	1113	27 63
Torbrook East	190	1562	48 31
Morse Road	103	706	24 96
Durling's Lake	206	2455	58 98
Albany Cross	111	460	24 26
Dalhousie West	172	1541	44 84
Dalhousie Cen.	201	2528	58 82
Stoddart's	200	386	39 80
Cherryfield	187	2569	56 54
Hunter's Lodge	102	474	22 74

Legally authorized days schools were open.
Grand total days attendance of pupils.
Total amount from Municipal Fund.

ANNAPOLIS EAST.

School for the Deaf		\$300 00	
School for the Blind		100 00	
Melvorn	412	7878	96 20
Forest Glade	192	2426	37 54
Margaretville E.	200	3832	46 74
Margaretville	206	4014	48 54
Prince Albert	192	1555	32 41
Victoria Vale	206	4440	51 04
Mosher's Corner	206	1860	35 90
Port George	191	2166	35 89
Mount Hawley	181	2614	37 30
Outram	132	1332	23 83
Port Lorne	205	5598	57 61
Arlington	206	1896	36 12
St. Croix Cove	197	4534	50 79
Hampton	201	6516	62 58
Clarence West	206	2432	39 27
Clarence Centre	205	3834	47 36
Clarence	206	2378	41 88
Brooklyn West	206	2036	36 95
Spa Springs	206	2420	39 20
So. Farmington	205	5700	58 30
Wilmot	206	1655	34 70
Middleton	1004	28586	288 87
Brickton	206	5038	54 55
Lawrencetown	618	16382	170 96
Paradise	410	10768	113 01
Bridgetown	1182	37722	359 55
Meadowvale	204	2723	40 73
Torbrook	198	8000	70 94
Nictaux Falls	206	3327	44 51
Nictaux South	205	2331	38 56
Nictaux	201	5454	56 37
Williamston S.	206	3613	46 19
Williamston N.	205	2898	41 88
Carleton	398	9218	102 36
Centrelea	185	2907	39 50
Tupperville	201	2556	39 38
Bloomington	206	2736	41 05
Inglesville	179	2193	34 59
Albany North	197½	1358	31 93
Albany South	206	1796	35 53

ANNAPOLIS WEST.

Young's Cove	149	3649	39 47
Parker's Cove	188	3771	44 92
Hillsburn	206	4262	49 99
Litchfield	197	4878	52 52
Victoria Beach	390	9848	105 08
Port Wade	200	7011	65 39
Karsdale	206	2628	40 42
Lower Granville	187	1770	33 06
Stoney Beach	182	3990	45 48
Granville Ferry	412	10358	110 74
Granville Center	206	4091	49 00
Belle Isle	206	4925	53 89
Gesner	206	5816	59 11
Chesley	193	5052	53 04
Round Hill	412	9485	105 43
Moschelle	206	3430	45 12
Annapolis Roy'l	1015	31455	306 83
Upper Clements	205	1803	35 45
Clementsport	412	6530	88 29
Deep Brook	412	6824	90 01
Waldeck East	172	1581	30 14
Bear River East	179	2753	37 86
Clements Vale	368	6627	83 42
Prince Dale	204	3174	43 37
Greywood	123	1180	21 85
Milford	201	2505	39 08
Maitland	205	4243	49 76
Lake LaRose	163½	1733	30 00
Perotte	200	3124	42 59
Perotte (Con)	Sec. 5		18 57
L'Equille	412	11605	118 05
Waldeck West	206	3512	45 59
Allen River	206	1599	34 37
Beaconsfield	154½	2154	31 38

Poor Sections.

Phinney Cove	180	2125	51 46
Greenland	191	2300	55 00

Virginia	139	779	30	69	Union Centre	202	2451	39	31
Lake May	191	1408	47	16	St. Joseph	203	3143	43	62
Victory	107	917	27	55	College Grant	206	1938	36	70
West Spring Hill	101	324	21	23					
Guinea	201	1042	45	73					
East Victory	206	4353	75	70					
Lake Munro	58	230	12	43					

Border Sections.

Dalhousie East	206	361	6	74
*Northfield	206	615	10	24
Bear River	1233	15526	160	35
*Albany New	204	1607	47	36
New Grafton	206	748	9	22
Kingston	205	612	7	02

ANTIGONISH.

School for the Blind			320	00
W. River (Con) 2 M.			49	50
Bailey's B'k (Con) 2 M.			50	00
Antigonish	3179	57909	735	53
North River	200	1770	34	96
Harbour Road	206	2390	39	43
Morristown	184	2303	36	24
Lakevale	197	2887	41	35
S.S. Cape George	201	4314	50	44
Morar	201	4280	50	24
Georgeville	189	2772	39	68
Malignant Cove	194	5078	54	21
Arisaig	203	4275	50	46
Pleasant Valley	192	1075	29	79
Clydesdale	188	1645	32	74
Lr. So. River	203	3386	45	09
S. Side Harbour	202	2540	39	85
Monk's Head	180	3089	40	49
Pomket	201	9185	79	86
Heatherton	400	5638	82	59
Bayfield	162	1821	30	66
Afton	202	2742	41	07
West Tracadie	206	6013	61	31
Big Tracadie	206	4010	49	22
East Tracadie	181	1834	33	05
Linwood	206	3669	47	16
Havre Bouche	618	16638	175	48
E. Havre Bouche	180	2622	37	67
Fraser's Grant	206	3603	46	76
Caledonia Mills	192	2476	38	25
Marydale	204	4203	50	13
St. Andrews	206	5525	58	37
Dunmore	206	2817	42	01
Fraser's Mills	206	3426	45	69
Up. So. River	206	891	30	38
North Lochaber	205	3468	45	82
West River	204	5536	58	18
Beaver Meadow	202	2294	38	36
Cross Rds. Ohio	201	5193	55	75
James' River	187	2717	39	10
North Grant	206	2302	38	90
Fairmont	192	4346	49	55
Maryvale	188	1893	34	24
Frankville	206	7564	70	68
Cape Jack	191	3808	46	18

Poor Sections.

Cape George	192	1663	50	01
Macra's Brook	204	1665	52	21
William's Point	137	1244	36	21
Glassburn	192	2474	57	36
Lochaber	188	1395	46	85
Up. Glen Road	175	1197	42	70
Stewart's Mills	176	1129	42	26
Morvan	193	1194	45	94
Brierly Brook	206	1708	52	97
Pinevale	192	743	41	68
Springfield	206	2129	56	78
Cloverville	99	1031	27	36
Hallowell Grant	191	853	42	50
Copper Lake	192	2107	54	03
Black Avon	205	2337	58	49
New France	206	2088	56	41
West Lakevale	205	2309	58	23

Border Sections.

North Merland	151	2012	27	70
Auld's Cove	199	1731	25	15
Grosvenor	206	419	8	74
Argyle	192	486	10	29
Baillie's Brook	206	446	6	74

CAPE BRETON.

School for the Blind			1860	00
School for the Deaf			1400	00
Sydney	14298	567722	5703	47
South Bar	201	6214	67	82
Low Point	405	8999	112	05
New Waterford	2391	93445	943	33
Lingan	204	3962	52	45
Lakevale	201	2071	38	87
Gardiner	201	5773	64	74
Reserve	1854	78693	775	05
Dominion	2010	70759	738	52
Glace Bay	11994	487153	4860	70
Big Glace Bay	809	25598	277	10
Gowrie	618	18206	202	25
Birch Grove	192	3846	50	18
Homeville	179	2014	35	80
South Head	204	1991	38	68
Milton	202	3385	48	17
Round Island	202	1102	32	21
Mira Gut	189	2231	38	58
Horn's Road	138	1604	27	96
Marion Bridge	206	5495	63	41
The Meadows	199	2156	39	22
The Meadows (Con)			48	30
Sydney Forks	205	2019	38	99
Coxheath	206	5705	64	88
Edwardsville	204	2118	39	56
Point Edward	172	3494	45	29
Ball's Bridge	204	3731	50	84
Ball's Creek	162	1250	28	40

Leitche's Creek	196	2920	44	20
Up. No. Sydney	206	4955	59	63
North Sydney	4312	177122	1761	35
Sydney Mines	5948	214465	2220	91
Florence	824	28959	302	42
Alder Point	190	7641	76	47
Little Brasd'Or	206	8000	80	92
Lit. Bras d'Or W.	205	5148	60	86
George's River	201	4372	54	95
Long Isl'd Main	204	2758	44	04
Big Bank	186	2218	38	07
Eureka	87	375	13	18
Grove's Point	206	2799	44	56
Mill Creek	206	5332	62	27
Point Aconi	205	2021	39	01
Millville	206	3359	48	48
Union	201	1946	37	99
Brickyard	175	1474	31	54
Catalone	199	3546	48	93
Bateston	175	4266	51	06
Mainadien	206	5972	66	74
Baleine	177	1097	29	15
Little Lorraine	206	3674	50	68
Big Lorraine	205	1374	34	48
Louisburg	1026	38615	394	42
W. Louisburg	198	5045	59	29
Kennington C'Ve	78	553	13	33
New Boston	205	3297	47	92
French Road	192	2271	39	17
Gabarus	412	10705	124	83
Gabarus Lake	205	3522	49	50
Upper Gr. Mira	197	4132	52	79
Victoria Bridge	206	3176	47	20
Salmon River	175	1270	30	12
East Bay	201	3567	49	32
East Bay (Con)			73	18
Ben Eoin	188	2343	39	19
Brack's Brook	206	3823	51	72
Big Pond	202	2984	45	37
Irish Vale	192	3482	47	64
Portage	201	3774	50	77
N. Side East Bay	204	2575	42	76
Eskasoni	197	1683	35	67
Eskasoni (Con)			23	91
Benacadie	206	6087	67	55
Grand Narrows	206	1511	35	56
Christmas Isl'd	206	5348	62	38
Beaver Cove	204	2259	40	55
Boisdale	202	5277	61	39
Barachois	205	5604	64	05
Frenchvale	98	1671	23	57

Grand Mira	191	1567	51	20
Gr. Mira N'rth	190	2073	56	33
Caledonia	194	907	44	82
Macadam's L'k	34	720	13	74
Big Beach	195	3148	68	50
Shenacadie	136	883	34	02
Beechmont	179	1727	50	69
Catalone Gut	190	1123	46	37

Border Section.

Irish Cove	177	2988	35	12
------------	-----	------	----	----

COLCHESTER SOUTH.

School for the Deaf			200	00
Truro	5643	198440	2025	43
Bible Hill	411½	15983	157	92
Bible Hill (S G)				15 00
Upper Onslow	202	5011	58	37
Central Onslow	204	1902	37	60
Lower Onslow	205	5975	65	24
Belmont	198	5042	58	09
Upper Belmont	206	3607	48	36
Crow's Mills	177	3906	47	88
Onslow Mt.	206	4806	57	46
Cen. N. River	200	2178	38	97
Lower N. River	197	3812	49	65
Salmon River	197½	4568	54	81
Valley	205	4126	52	74
Margaree Mines	206	2749	43	56
Kemptown	102	967	19	89
Riversdale	206	1396	34	41
Greenfield	203	6079	65	70
Harmony	200½	5066	58	55
Lower Truro	204	4510	55	21
Old Barns	206	3941	51	62
Old Barns (S G)				14 00
Clifton	83	360	12	47
Princeport	206	2769	43	70
Beaver Brook	206	4115	52	78
Green Oaks	206	3231	46	82
Green's Creek	182	2200	36	95
Lr. Pleasant Val.	206	1221	33	24
Up. Pleasant Val.	206	2630	42	76
Hilken	206	4638	56	32
Brookfield	412	11423	127	16
Brookfield (S G)				10 00
Forest Glen	201	1218	32	63
Alma	201	3801	50	07
Fort Ellis	205	2012	38	47
Lr. Stewiacke	607	25412	245	22
Landor	206	4414	54	81
Shubenacadie	205	4721	56	76
Gay's River	201	5384	60	77
Coldstream	206	2939	44	85
W. St. Andrews	192	1560	33	82
South Branch	181	3825	47	79
Meadowvale	205	2260	40	14
Meadowvale (Con)				12 00
Newton Mills	206	4605	56	10
Eastville	206	4547	55	71
Pembroke	205	2586	42	34

Poor Sections.

Hillside	95	497	22	50
Front Lake				
Caribou Marsh	182	2450	58	82
Victoria	186	2030	55	15
Scatarie	192	1880	54	66
Trout Brook	196	4066	78	31
Bid Ridge	192	2129	57	27
Ocean View	178	2011	53	49
Ocean View (Con)	192	1675	52	51
Gull Cove				23 30
Belfry	231	2220	65	33
Canoe Lake	184	2859	63	47
	191	2650	62	55

Burnside	206	2962	45	00
Cross Roads	206	6251	67	22
Up. Stewiacke	329	6731	85	34
Otter Brook	200	3910	50	67
Mid. Stewiacke	199	4333	53	75
Birch Hills	203	2375	40	67
Alton	205	3304	47	19

Poor Sections.

McCallum Sett.	141	1024	35	96
Nuttby	200	1805	54	67
Up. North River	142	736	33	18
Camden	197	2383	60	00
Riverside	136	1114	36	00
Wittenberg	202	1882	55	83
Lanesville	181	1455	47	67
Smithfield	187	874	41	92

COLCHESTER NORTH.

Tatamagouche	411	13331	139	94
Tarbet	206	3317	47	39
Forest	206	3762	50	40
Waugh's	203½	4025	51	89
Middleton	206	5032	59	00
French River	205	3205	46	52
Tatamag'he Bay	177	2837	40	65
Murphy's	206	2150	39	52
Mill Brook	147	2801	36	77
Oliver's	204	3148	46	01
McLeod's	147	1380	27	16
Byers	206	3972	51	83
Wilson's	206	3412	48	04
West Earltown	206	1367	34	22
Balmoral	187	1802	34	87
Earltown	206	3836	50	90
Slade's	169	2125	34	86
Brule	203	4272	53	50
Conkey	206	2283	40	42
Falls	206	1966	38	27
East Earltown	206	1029	31	94
Brule Point	200	2709	42	56
Denmark	206	3100	45	93

Poor Sections.

Lake Road	204	2668	64	17
New Truro Rd.	184	975	43	37
Clydesdale	88	246	18	50
Truro Road	192	2519	60	45
Keble	206	3191	69	82

COLCHESTER WEST.

Five Islands	411	7292	99	14
Up. Five Islands	385	9117	108	32
Lower Economy	206	4567	55	84
Gen. Economy	412	8342	106	35
Upper Economy	206	5617	62	94
Pleasant Hills	142	1047	24	32
Bass River	405	8687	107	83
Montrose	206	3269	47	08
Highland Village	201	2826	43	48
Great Village	618	21351	219	24
Great Village (Con)			25	00

G. Village (S G)				11	00
Lornevale	144	2021		31	15
Londonderry	824	23090		255	98
West Folly Mt.	205	3022		45	29
East Village	204	1547		35	20
Folly Village	206	5714		63	59
DeBert	204	3147		46	01
Masstown	206	4904		58	13
DeBert Station	412	6809		96	00
East Folly Mt.	190	3583		47	25
Londonderry Sta.	201	3263		46	43
Portaupique	187	2767		41	41
Hardwood Hills	206	5310		60	86
Little Bass Riv.	206	5740		65	77
Portaupique Mt.	206	2155		39	54

Poor Sections.

Lynn	204	2372		61	17
Castlereagh	206	910		46	71
Folly Lake	178	1983		52	53

CUMBERLAND.

School for the Deaf				500	00
School for the Blind				420	00
Malagash Point	204	4081		49	38
North Shore	206	3590		46	65
Malagash	191	2824		40	23
Stake Road	188	4259		48	51
East Wallace	206	2048		37	38
Linden	168	3487		41	43
Richmond	186	2534		37	85
Wallace	412	10369		112	60
6 Mile Road	191	3294		43	04
West Amherst	206	2830		42	07
S. Middleboro	201	4478		51	43
Wentworth	206	3290		44	84
Wentworth (Con)				25	00
East Amherst	203	5660		58	80
Wentworth Sta.	206	2333		39	07
North Wallace	206	5165		56	16
Fox Harbor	153	1610		28	29
Lr. Gulf Shore	196	1866		35	02
Up. Gulf Shore	204	1742		35	25
Pugwash	617	16161		172	41
N. Wallace Bay	204	2070		37	25
S. Wallace Bay	205	943		30	59
Pugwash Jct	204	4781		53	59
E. Pugwash Riv.	187	1206		29	96
W. Pugwash Riv.	170	2348		34	82
Wallace Bridge	184	2953		40	14
Rockly	187	1712		33	02
Roslin	199	2322		38	19
Victoria	201	1046		30	72
Hartford	206	3844		48	18
Port Howe	205	4886		54	35
Up. Linden	206	4017		49	24
Shinimacas Bdg.	153	962		24	98
Shinimacas Low.	206	5252		56	70
Northport	412	9585		107	85
Tidnish	206	4954		54	90
Amherst Head	192	4252		48	95
Truemanville	199	3178		48	38

Warren	205	4133	49	82
Amherst	6914½	260575	2412	09
Frt. Lawrence	205	3850	48	10
Amherst Point	201	2176	37	52
N. Middleboro	179	2387	36	11
Nappan	410	6820	90	91
Maccan	205	7041	67	38
Maccan Lower	205	2149	37	88
Lr. River Hebert	192	5517	56	59
Barronsfield	194	1757	34	14
Lower Cove	176	4787	50	22
Minudie	206	3599	46	72
Joggins Mines	1030	46382	405	00
Two Rivers	187	1315	30	63
Shulec	206	5947	60	90
Lorneville	206	3710	47	38
Amherst Shore	187	848	27	81
Chapman Sett.	192	2435	38	00
Tidnish Bridge	185	4000	46	59
Riv'r Heb'rt Hd.	200	2035	36	57
Athol	206	1958	36	83
Southampton	206	6765	65	82
West Brook	174	2745	37	71
East Mapleton	182	1673	32	18
Mapleton	196	2607	39	56
Leamington	206	4447	51	85
South Athol	206	2969	42	92
Windham	206	3282	44	80
Herrett Road	206	5729	59	58
Glenville	204	3308	44	71
Brookdale	200	4648	52	33
Salem	200	2862	41	53
Fenwick	206	4073	49	58
Up. Nappan	204	4432	51	50
Streets Ridge	205	2488	39	90
West Leicester	195	3385	44	08
East Leicester	201	2735	40	90
Little River N.	103	1120	19	28
Mt. Pleasant	200	2885	41	67
Oxford	1436	53416	496	68
River Philip	204	2719	41	16
Riv'r Philip Cen.	206	4981	55	06
Wyvern	192	3311	43	30
Williamsdale	201	1936	36	07
Westchester Mt.	193½	2473	38	40
Westchester Sta.	201½	7298	68	51
Hastings	204	3018	42	95
Chignecto Mines	412	9867	109	55
Henderson Sett.	197	2413	38	46
Sand River	136½	1726	26	96
Carrington	195	2800	40	56
East Hansford	204	1760	35	36
Millvale	205	2073	37	39
Mt. Pleasant S.	201½	3186	43	68
River Hebert	823	32681	297	15
West Pugwash	201	3759	47	08
East Wentworth	195½	3342	43	89
Killarney	169	1507	29	60
Little Forks	204	1966	36	61
Clifton	205	4574	52	48
Springhill	4594	206742	1805	52
Thompson	186½	4070	47	18
Mansfield	177	1416	30	02
South Brook	192	2090	35	91
Little River	186	1124	29	36
Springhill Jct.	206	4660	53	12

Rodney	200	4149	49	31
Conn's Mills	175	2041	33	55
Beckwith	205	3668	47	01
South Pugwash	199	2981	42	15
Collingwood	197	6319	62	04

Poor Sections.

West Hansford	201	2459	58	86
Lr. Greenville	93	873	24	82
Farmington	154½	950	36	70
Appleton	190	1196	45	41
South Victoria	192	1607	49	49
Greenville C. Rds.	187	1740	49	76
North Greenville	179½	1309	44	50
Rushton	195	2773	60	58
Greenville Sta.	191	2721	59	40
Black River	205	1778	53	40
Salt Springs	191	2427	56	74
Valley Road	175	2152	51	30
Westchester Val.	199	2400	57	95

PARRSBORO.

Parrsboro	2265½	75280	729	34
Port Greenville	605½	14787	162	71
New Prospect	179	1866	32	97
Cross Roads	206	4365	51	34
Diligent River	203	7262	68	45
Cannonsville	195	5042	54	10
Fox River	618	13127	154	21
Brookville	192	1361	31	51
Fraserville	206	4977	55	03
Spencer's Island	196	6748	64	52
Spencer's Island (Con)			2	67
Advocate	820	21309	228	17
Advocate (Con)			25	00
Apple River	412	12753	126	97
New Salem	206	6676	65	28
Lakelands	206	5190	56	32
Halfway River W.	199	4328	50	27
New Canaan	154	1898	30	12
Gilbert's Mt.	78	330	11	46
Halway River E.	206	3780	47	80
Wharton	184	1735	32	80
Harrison Sett.	181½	1764	32	65
Moose River	180	3317	41	83

Poor Sections.

Green Hill	190½	1211	45	63
Black Rock	206	3503	69	20
New Yarm'th	187	879	41	97
W. Apple River	182	2493	55	67

DIGBY.

School for the Deaf			100	00
School for the Blind			300	00
Milford Corner	206	2437	39	68
Landsdowne	204	2694	40	99
Morganville	205	3070	43	38

Cross Road	206	3014	43	16
Smith's Cove	412	6574	89	61
Acadiaville	206	5065	55	52
Hill Grove	206	2899	42	46
North Range	206	6772	65	81
Marshalltown	206	4067	49	51
Brighton	410	8336	100	00
Plympton	206	5568	58	55
Port Gilbert	206	5021	55	26
Ashmore	206	5315	57	03
Fort Point	206	3323	45	03
Weym'th North	411	8421	100	63
Weymouth	618	20309	197	38
Weym'th Mills	201	5235	55	94
Doucetville	201	5896	59	92
Digby	1426	44517	441	33
Culloden	192	2775	40	02
Mount Pleasant	192	2337	37	38
Rossway	195	5209	55	06
Waterford	192	2569	38	77
Centreville	412	13182	129	43
Sandy Cove	206	6333	63	17
Mink Cove	206	3646	46	98
Little River	206	6750	65	68
Tiverton	605	16991	175	81
Central Grove	206	3918	48	61
Freeport	824	26315	258	58
Westport	810	15239	190	13
Lake Jolly	198	2125	36	83

Poor Sections.

Joggin	186	3218	62	95
S. Range East	206	1837	54	10
Weym'th Falls	175	4469	72	23
Sissiboo Falls	97	877	25	57
Plympton Sta.	103	1335	30	82
Riverdale	205½	1427	50	31
Bay View	192	3182	63	70
Roxville	206	1724	53	08
Lakeside	77	444	18	02
Tiddville	178	2924	58	81
East Ferry	186	2748	58	69
S. Range West	147	2562	49	90

Border Sections.

*Southville	206	1199	24	45
*Danvers	203	2882	58	22
Bear River	1233	17856	187	64
Ohio	206	341	4	12
*Harlem	94	195	7	54

CLARE.

School for the Blind			200	00
New Edinburgh	206	8000	71	35
Belliveau's Cove	611	21956	201	36
St. Joseph	206	5836	58	81
Grosses Coques	412	13934	130	68
Church Point	412	11601	117	22
Combeauville	412	15614	140	47
Saulnierville	412	11484	116	53
Meteghan River	412	13478	128	10

Meteghan	824	30068	274	22
Cheticamp	204	5483	56	53
Mavilette	412	8549	99	53
Salmon River	412	7432	93	06
Hassett	192	2260	36	40
Havelock	202	2925	41	47
New Tusket	206	4393	50	46
Corberrie	206	6868	64	80
Concessions	206	12000	94	53
Theriault	206	9933	82	56
Meteghan Sta.	206	2750	40	94
St. Martin	204	4410	50	32
St. Benoni	206	5811	58	68
Central	206	8013	71	43
Bear Cove	206	3379	44	58
Cape St. Mary	203	7082	65	68
Doucet Lake	205	5988	59	58

Poor Sections.

Mayflower	188	4261	71	17
Brier Lake	201	3090	63	38
Easton	178	1550	45	87
Hectanooga	206	2458	58	87
Richfield	191	2416	55	77
L. Brook Station	206	5973	89	43

Border Sections.

Beaver River	206	1751	26	27
Cedar Lake	198	2202	34	56
Ohio	206	3795	44	93
*Harlem	94	379	14	62
*Southville	206	2104	42	16
*Danvers	203	428	8	51

GUYSBORO.

School for the Blind			690	00
School for the Deaf			300	00
Guysboro	824	16562	194	55
So. Intervale	197	740	28	13
Cook's Cove	206	3775	46	55
Ogden	206	1514	33	64
Erinville	206	5420	55	94
Up. New Harbor	182	4438	47	43
Halfway Cove	177	3613	42	11
Queensport	206	6339	61	19
Half Isl'd Cove	201	5703	56	95
Hazel Hill	618	15583	163	96
Canso	1236	54056	458	60
L. White Head	206	7146	65	79
North Intervale	206	1675	34	56
Middle Melford	197	2432	37	79
Sand Point	205	3120	42	69
Up. Manchester	205	2020	36	41
Middle Manch'r	206	3337	44	05
Lr. Manchester	206	5600	56	97
Port Shoreham	206	3960	47	61
St. Francis Har.	158	1052	25	17
Boylston	206	3441	44	64
Mulgrave	412	15237	136	98
Pirate Harbor	412	15725	189	77
Oyster Ponds	192	2693	38	67

Cou. Har. Mines	206	4596	51	24
Stormont	197	4569	49	99
Lr. New Harb'r	183	4290	46	70
Isaac's Harbor	412	10678	110	96
Goldboro	408	13402	126	02
Seal Harbor	103	2602	27	35
Giant's Lake	202	3288	43	28
Lakedale	203	1876	35	35
Dover	206	6629	62	84
Est. Port Felix	197	4877	51	75
West Port Felix	206	4886	52	89
Cole Harbor	173	3214	39	35
Charles' Cove	203	7674	68	45
Larry's River	299	11429	101	53

Poor Sections.

Smithfield	180	2861	70	85
L. Caledonia	206	2855	75	50
Lower Liscomb	204	2031	64	17
St. Marys River	197	1793	59	74

Border Sections.

Newtown	186	1545	33	46
Port Bickerton	206	2584	35	43
Cross Rds. C. Hr.	206	154	2	87
Argyle	192	712	14	90

Poor Sections.

Riverside	187	1884	50	17
Havendale	162	1260	40	28
W. Roman Val.	131	1532	36	97
Prospect	189	1751	49	47
Sandy Cove	89	547	20	88
Black Point	59	845	17	98
Up. White Head	197	2234	55	00
Tompkinsville	192	1794	50	31
Steep Creek	206	2298	57	17
Coddle's Har.	163	2104	47	69
E. Roman Val.	93	798	23	76
North Ogden	189	1770	49	55
Fisherman's Hr.	206	2043	54	99

Border Sections.

Grosvenor	206	1951	29	92
Cross Rds. C. Hr.	206	5407	54	37
Argyle	192	363	9	43
Port Bickerton	206	1474	20	91
North Merland	151	267	4	30
Auld's Cove	199	575	12	73

ST. MARY.

Retained for New Chester			20	00
Section No. 18			1	83
School Board Minute Book			50	
Sherbrooke	612	13876	197	41
Stillwater	194	1835	39	82
Glennel	185	2344	43	25
Caledonia Up.	206	2591	47	99
Aspen	206	3696	57	80
South Lochaber	148	1167	28	32
Ecum Secum	197	4925	67	61
Marie Joseph	205	3400	55	05
Liscomb	206	4208	62	34
Wine Harbor	199	7486	90	58
Port Hilford	205	3916	59	63
Indian Har. Lake	206	3941	59	97
Sonora	206	6442	82	16
Goldenville	205	5635	74	88
Goshen	176	2917	47	25
Cheggogin	122	1968	32	27
Spanish Ship Bay	190	3865	57	36

HALIFAX WEST.

School for the Deaf			900	00
School for the Blind			440	00
Hubbards	410	6674	101	72
Black Point	188	5347	64	43
Ingram River	191	5395	65	18
St. James	206	5850	70	54
East River	179	3081½	45	72
Tantallon	206	4036½	56	42
Victoria	205	5287½	66	04
Albert	194	2939	46	43
Glen Margaret	206	4301	58	48
Hackett's Cove	176	3745	50	52
Indian Harbor	412	11852½	142	27
Peggy's Cove	206	2607	45	29
West Dover	187	4196½	55	37
East Dover	206	5756½	69	81
Upper Prospect	204	6927	78	68
Terrence Bay	188	8000	85	10
Pennant	195	4913	61	91
Sambro	178	3562½	49	34
Harrietsfield	37	346½	7	19
Spryfield	119	1900	29	23
Ketch Harbor	206	7744½	85	29
Portuguese Cove	201	3634	52	68
Herring Cove	375	7301	102	36
Cunard	206	2937	47	86
North West Arm	206	6338½	74	34
Rockingham	206	5586½	68	48
Bedford	399	13767½	155	60
Hammond's Plns.	204	7277	81	41
Pockwock	201	2370½	42	91
Upper Sackville	206	1732½	38	48
Lower Sackville	206	3673	53	59
Beaver Bank	205	3510	52	20
Windsor Junction	206	3874½	55	16
Oakfield	205	2208	42	07
Oldham	122	3278½	40	33
Fall River	204	4780½	61	97
Waverly	204	5579½	68	19
Dartmouth	4304	169750	1843	80
Eastern Passage	206	8000	87	28
South E. Passage	203	8000	86	92
Cow Bay	205	3634½	53	17
Cole Harbor	202	4556	59	98
Preston Road	201	4721½	61	15
W. Lawrencetown	206	3315	50	80
E. Lawrencetown	205	1612½	37	43

Porter's Lake	184	2258½	39	92
Graham	104	1144½	21	54
Seaforth	200	4100	56	19
W. Chezzetcook	402	10733	132	35
Grand Desert	188	6983	77	18
Hd. Chezzetcook	206	4442	59	58
Hope Ridge	182	8000	84	37
Lr. E. Chezzetcook	206	4798½	62	35
West Petpeswick	205	3126½	49	21
Musquodoboit Har	411	7443	107	82
Bayers Settlement	201	2540½	44	17
East Petpeswick	206	2816½	46	92
Stevens	189	1140	31	81
Ostrea Lake	78	1456	20	80
West Jeddore	190	5338	64	61
Head Jeddore	206	8000	87	28
Woodside	618	16457	203	11
Woodlawn	205	3473½	51	92

Poor Sections.

Bayside	60	938	21	87
Shad Bay	197	2720½	67	64
Greehead	99	825½	27	64
Brookside	108	1126	32	80
Falkland Village	206	4154	86	00
Hammonds Plains	206	4232	86	91
Kempton	193½	1661	54	61
Lucasville	58	716½	18	92
N. Beaver Bank	172	1785½	52	16
Grand Lake	118	660½	29	19
Goff's	176½	3453	72	45
Montague	148	2535	56	53
Devil's Island	206	3858	82	54
Lake Loon	195	3297	73	99
New Road Preston	124	2927½	56	77
Partridge River	124	2324	49	72
Middle Porters Lake	93	1226	31	23
Pleasant Point	171	1599½	49	81

HALIFAX EAST.

Oyster Pond, Jeddore	205	8000	87	16
East Jeddore	204	4395	58	97
Clam Harbor	206	5471	67	59
Lr. Ship Harbor	206	5574	68	39
N. Ship Harbor	204	7077	79	85
Newcombe Brook	185	1623½	35	10
E. Ship Harbor	206	4936	63	42
Murphy's Cove	192	4515½	58	45
Pleasant Harbor	205	4713½	61	57
Tangier	192	8000	85	58
Mooseland	198	2046	39	95
Pope's Harbor	206	4525½	60	23
Spry Harbor	203½	3910½	55	14
Spry B. Henleys	83	1660½	22	99
Spry Bay	177	2579½	41	56
Mushaboom	44	664	10	50
W. Sheet Harbor	412	12291½	145	68
E Sheet Harbor	411	5977	96	41
Lewiston	197	2330	42	04
Watts	196	3641	52	13
Beaver Harbor	206	2517½	44	59
Port Dufferin	407	11302	137	38

West Quoddy	205	6482	75	34
Harrigan Cove	204	5570½	68	12
Moser River	407	8587	116	24
Necum Teuch	205	4697½	61	44
Ecum Secum W.	83	1802½	24	10

Poor Sections.

Upper Lakeville	206	2858	70	87
Lower Lakeville	206	3524½	78	65
Owls Head	205	3926	83	16
Lochaber Mines	177	1072½	44	75
Sober Island	28	647	12	15
Sheet H. Passage	206	3959½	83	73

HALIFAX RURAL.

Dutch Settlement	201	4732	61	23
Landell's	205	3319	50	71
Cook's Brook	206	3735½	54	08
Lake Egmont	199	3530	51	63
Meagher's Grant	195	5815	68	94
Sibley	206	4209½	57	77
Elderbank	408	1773½	63	32
South	204	3994½	55	85
North	404	8840	117	85
Chaswood	195	2877	46	06
Glenmore	132	1843½	30	37
Brookvale	205	3736	54	35
Higginsville	205	4124½	56	98
Sedgewick	200	3971	55	19
Greenwood	205	2907	47	50
Hutchinson	205	3986	55	91
Henry	206	6205½	73	30
Dean	206	3102	49	15
Chaplin	206	2013½	40	67
Cariboo	196	2933	46	62
Moose River	160	3444½	46	23

Poor Sections.

Atkin	28	280	7	86
Kerr's	108	466½	25	10
McKenzie	187	2472½	62	91
Lindsay Lake	187	1431½	50	75

Border Sections.

Enfield	195	6	4	29
Elmsdale	398	29	31	68
Mt. Pleasant	411	10	1476	

HANTS WEST.

School for the Deaf			100	00
School for the Blind			80	00
Windsor	2500	94078	997	55
Wentworth	206	6006	69	32
Three Mile Plains	400	7812	106	16
Martock	202	5950	68	41
Forks	206	2825	45	85
Falmouth Vill.	200	4890	57	66
Falmouth Center	400	10390	125	19

Mt. Denson	208	5700	66	68
Hantsport	790	24000	273	30
Avondale	370	8190	105	32
Belmont	206	4359	59	32
Pop. Grove	205	4799	60	34
Brooklyn	396	8070	107	60
Kennetcook Dyke	205	3987	54	37
Burlington	410	6990	101	33
Summerville	340	7790	98	72
Cheverie	410	7054	103	80
Brookville	585	9691	144	46
Cambridge	168	3041	42	82
Pembroke	201	3719	51	83
Cogmagun	182	1196	33	03
Se. Village	206	6060	69	75
Woodville	206	2277	41	80
McKay's	206	4053	54	90
Newport Cor.	205	4700	59	57
St. Croix	400	8740	113	02
Ellershous	395	10030	121	96
Riverside	127	1254	25	79
Union	206	3472	50	61
Fal. Valley	182	3595	48	63
Sweet's Cor.	193	6610	72	21

Maitland	400	7108	91	09
Noel Road	200	2826	41	31
Up. Selma	412	10093	110	45
Lr. Selma	202	3613	46	13
Noel Shore	206	3806	47	80
East Noel	197	5057	54	19
West Noel	412	7691	96	06
Burncoat	201	2137	37	12
Moosebrook	206	4528	52	12
Tenecape	205	3810	47	70
S. Noel Rd.	191	7125	65	82
Kennetcook	206	6450	63	63
Northfield	206	3632	46	75
Hd. Kennetcook	206	3452	45	67
Five Mile River	206	3058	43	32
Whale Creek	192	1091	33	45
Gore	120	1735	24	92
Uniacke Mines	158	2316	33	02

Poor Sections.

Vaughan's	206	1647	55	70
So. Waterville	191	1274	49	24
Greenhill	152	1688	47	03
Ardoise	183	1608	52	30
Five Mile Plains	204	5684	100	04
Mt. Summerville	182	1767	52	82
Mills	183	1772	53	20
W. Branch Fal.	181	710	41	79

Border Sections.

Walton	412	1455	21	20
Newp't & Douglas	205	2525	33	00
Hillsvale	182	857	22	12
Halfway River	172	153	9	79

Poor Sections.

Birch Brook	204	2494	59	51
East Uniacke	44	516	12	62
Renfrew	84	697	21	53
New Dublin	205	2440	59	23
N. Noel Road	203	4264	75	17
Georgfield	206	2830	62	92
Milford	187	3648	66	78
Greenfield	190	1450	47	58
E. Tenecape	167	1552	44	31
Grand Lake	206	2548	60	38

Border Sections.

Newp't & Douglas	205	1842	21	53
Enfield	195	6229	59	62
Elmsdale	412	8610	88	01
Mt. Pleasant	411	9000	96	81
Walton	412	6910	80	87
*Hillsvale	182	1393	33	00
*S. Uniacke	62	266	13	65
*N. Bearer Bank	172	256	6	78

HANTS EAST.

School for the Deaf		300	00	
School for the Blind		100	00	
Rawdon Church	204	4526	51	84
South Rawdon	196	2695	39	90
Pleasant Valley	187	2444	37	32
West Gore	206	6324	62	80
East Gore	206	3454	45	68
Up. Rawdon	206	5433	57	53
Mt. Uniacke	203	4583	52	06
Up. 9 Mile River	206	6689	65	06
W. Indian Rd.	191	1378	31	40
E. Indian Rd.	199	3908	47	50
Lr. 9 Mile River	206	1445	33	64
Balnan	201	1407	32	80
Hardwoodland	206	1751	35	48
Shubenacadie	412	12844	126	73
Mill Village	198	5186	55	06
North Salem	203	3240	44	02
Rines Creek	195	1662	33	60
Urbana	206	3881	48	24
Rockville	410	6463	88	45

INVERNESS NORTH.

School for the Deaf		500	00	
School for the Blind		300	00	
Pleasant Bay	159	4481	55	79
Little River	206	6476	77	74
Muise	206	8000	90	15
Prairie	206	6524	78	13
Cheticamp Chapel	193	6147	73	48
Eastern Harbor	412	14737	170	00
Eastern Har.(Con)			23	79
Plateau	205	5789	72	02
LeFort	206	8000	90	15
LeBlanc	206	7872	89	10
Russeau-du-Lac	206	8000	90	15
Grand Etang	204	5606	70	41
Friar's Head	206	7530	86	32
White	206	4487	61	54
Belle Cote	412	9333	126	00
Ford	206	3726	55	34
Margaree Forks	206	8000	90	15

Rossville	201	4351	59	83	Baden	182	3058	46	46
Mill Brook	189	1928	38	63	Glencoe Station	186	2922	45	85
Munro	206	4372	60	60	Mabou	614	9777	151	27
Brookside	205	3197	50	91	N. E. Mabou	190	2828	45	96
Margaree Harbor	206	5916	73	17	Mabou Harbor	190	3724	53	20
St. Rose	201	3687	54	42	Alexander	192	1345	34	27
Broad Cove Marsh	192	4308	58	38	Smithville	206	4623	62	22
Brook	197	2402	43	46	Hillsboro	191	1387	34	57
Broad C. Chapel	206	3483	53	36	Brook Village	206	4602	54	00
Big River	201	5073	65	71	Rankin	159	807	25	82
Inverness	2264	84851	965	68	Eden	190	2150	40	50
Broad C. Banks	195	3062	48	59	Glencoe	191	2950	47	07
Strathlorne	192	2910	47	00	S. W. Ridge	198	2156	41	39
Glenville	206	2624	46	37	Riv. Dennis Rd.	201	2852	47	36
North Ainslie	206	3014	49	54	Centennial	202	2551	45	06
Capt. Allans	202	6154	74	62	Queensville	206	2622	46	11
McFarlane	196	3254	50	27	N. W. Arm	179	2194	39	40
Scotsville	184	4687	60	49	Princeville	206	5205	66	91
Hamilton	204	4096	58	11	Kingsville	187	3009	46	67
McMillan's Mills	189	3567	51	93	Glenvale	206	5301	67	69
Tulloch	206	3326	52	09	Melford	206	2555	45	57
Hay's River	192	1772	37	73	Macpherson	204	2959	48	58
Centreville	22	156	3	94	Caribou	102	2046	28	85
Skye Glen	206	4438	61	14	Portage	155	712	24	57
Roseburn	177	1462	33	38	Victoria	159	2368	38	37
Stewartdale	151	642	23	55	Orangedale	206	6542	77	68
Whycocomagh	206	6566	78	47	McLean's Bridge	206	3848	55	98
South Lake	206	5031	65	97	Church	192	2313	42	06
South Lake(1912)	33	805	10	56	S. S. Riv. Dennis	187	1245	32	46
Aberdeen	202	3327	51	59	Little Harbor	200	2505	44	45
Kenloch	183	1022	30	53	Marble Mt.	401	12931	152	80
Vernier	118	5606	59	97	Ross' Mills	206	1732	38	95
					W. Bay Road	191	2288	41	73

Poor Sections.

Cape Rouge	206	3260	77	32
Murphy	189	919	45	61
Big Brook	206	1673	57	94
Chimney Corner	203	1587	56	34
Sight Point	158	714	37	49
Walker	205	2342	65	92
Miller	139	899	36	28
S. W. Egypt	171	1514	49	62
Widow Lords	198	2017	60	68
Kiltarlity	201	1219	51	47
Campbellton	103	751	27	92
Glenmore	177	1404	49	37
North Highlands	137	1118	38	59

INVERNESS SOUTH.

Hawkesbury	824	24618	298	22
Hastings	407	11983	145	88
Troy	206	1816	39	82
Albion	206	6506	77	39
Lorne	196	4095	56	77
Judique	191	5155	64	82
Judique Intervale	204	3178	50	34
Hillsdale	192	2423	42	94
Little Judique	103	2348	31	40
Dumbarton	204	4067	57	51
Seaside	201	7281	85	02
Port Hood	1236	27840	374	16
Port Hood Island	206	1582	37	74
Kear Kudique	171	3560	49	19
W. Mabou Har.	206	5095	66	02

Poor Sections.

Creignish	206	3305	77	43
Craigmore	194	3003	71	59
Dunmore	200	1520	54	78
Rocky Ridge	191	1620	54	33
Little Mabou	171	1216	45	46
U. S. W. Mabou	96	825	27	24
Maple Ridge	192	3051	47	79
Lake Horton	192	862	45	35
Big Brook	180	1141	46	17
Mill Brook	151	2694	59	70
Skye Mountain	189	2043	59	08
Maple Hills	87	1018	27	94
Ashfield	177	2322	59	91
Big Hardor Isl	190	587	41	70

Border Sections.

Duff	206	762	12	92
West Bay	200	2795	48	08
Cleveland	206	2261	38	50

KINGS.

School for the Deaf			500	00
School for the Blind			80	00
Greenwood	199	4243	54	25
Harmony	205	4439	56	34
Nicholsville	201	3973	52	54

Millville	203	5197	61	44
Morristown	206	4988	60	35
Sand Hill	206	3281	48	25
Dempsey's Cor.	199	6825	72	51
Brooklyn (a)	197	3777	47	81
St. Mary's	204	5150	61	25
Piedmont	206	5587	64	59
Ormsby Road	191	2348	39	79
Weston	407	5311	87	00
Welsford	200	4622	57	02
Somerset	412	6767	97	96
Berwick	581	12400	158	38
So. Berwick	407	6881	98	13
Waterville	405	11922	133	64
Grafton	138	2885	37	18
Woodville	400	6106	91	80
Harborville	200	2482	41	84
East H. Harbor	205	3887	52	43
Lakeville	412	6355	95	05
Northville	186	926	29	13
Brooklyn (c)	192	1077	30	91
Cambridge	206	5450	63	63
Coldbrook	201	3952	52	39
North Alton	205	3503	49	71
Lake Mills	152	1279	27	86
Canaan	191	4476	54	89
Kentville	1790	60086	642	77
Steam Mill	201	1736	36	68
Centreville	204	6132	68	21
Sheffields Mills	386	5493	85	76
N. Scott's Bay	206	1980	39	03
Lr. Pereaux	206	3931	52	86
Pereaux	197	5718	64	43
Medford	206	5188	61	76
Habitant	200	1638	35	86
Canning	779	19262	232	03
Woodside	200	2522	42	13
Up. Canard	412	6561	96	50
Lr. Canard	405	7233	100	39
Town Plot	198	1974	37	99
Church Street	204	3876	52	23
Up. Ch. Street	205	4269	55	13
Pt. Williams	410	6573	96	36
New Minas	206	3556	50	20
Greenwich	204	5601	64	45
Wolfville	1402	40473	457	01
Black River	206	4857	59	42
Gaspereaux	400	6893	97	37
Lr. Gaspereaux	410	4446	81	26
Lr. Wolfville	197	3216	46	69
Avonport	206	4962	60	17
Lockhartville	201	5323	62	11
N. Grand Pre	200	1844	37	32
Bloomfield	412	9315	116	05
Grand Pre	201	3092	46	30
S. Scott's Bay	134	2756	35	78
Delharen	206	2467	42	48
W. Black Rock	192	2591	41	64
Tremont	204	3045	46	33
White Rock	206	3742	51	52
Rockland	206	1813	37	85
Hants Border	196	6763	71	72
Billtown	206	2362	41	74
Horton Landing	193	3481	48	07
Highbury	191	4313	63	73
Kingsport	201	5478	63	20

Windermere	204	2586	43	07
Aylesford	206	5838	66	38

Poor Sections.

Lake George	99	878	27	33
Clermont	192	1112	46	74
Marden	201	3576	74	58
Fairview	201	1870	56	45
Long Point	206	2545	64	56
Lakeview	191	1269	48	21
E. Black Rock	205	3750	77	19
W. Halls Harbor	201	1816	55	95
Blue Mt.	190	3239	68	98
Baxter's Har. Mt.	192	1813	54	19
Baxter's Har.	192	3030	67	14
Pereaux Mt.	188	2548	61	29
Scott's Bay Rd.	143	2180	48	46
Davison St.	156	2877	59	94
Prospect	189	1611	51	61
Pine Wood	206	5581	96	84
Woodlawn	189	1067	45	72
Up. Gaspereaux	200	2320	61	05
Pleasant View	147	1224	39	73
Lake Paul	151	1497	43	36
White Waters	162	1071	40	84
Aylesford Mt.	206	1449	52	89
Garland	132	932	33	90
Dalhousie Rd.	193	854	44	27
West Brooklyn	191	2976	66	36
So. Waterville	136	1027	35	16

Border Sections.

Kingston Vil.	205	3825	47	65
Dalhousie	206	4060	53	78
Half Way River	172	522	29	75
Aldersville	204	1073	13	33
E. Dalhousie	206	1591	31	65

LUNENBURG.

School for the Deaf		300	00	
School for the Blind		300	00	
Printing, etc.,		5	00	
Lunenburg	2845	111720	1060	46
1st Peninsula	206	4413	53	25
2nd Peninsula Up.	204	4950	56	43
Centre	206	5077	57	50
Garden Lots	206	7265	71	51
Blue Rocks	408	11213	121	28
Black Rocks	204	7009	69	62
Heckmap's Island	205	1050	31	60
First South	407	10823	118	66
Middle South	206	4471	53	61
Feltzen South	196	4048	49	69
Upper Rose Bay	412	12362	129	13
Lower Rose Bay	201	3648	47	74
Upper Kingsburg	133	1991	28	87
Lower Kingsburg	206	3469	47	20
Riverport	618	15197	172	29
Lower LaHave	206	4405	53	19
Park's Creek	412	11346	122	63
Middle LaHave	412	11397	122	95

St. Matthew's	201	8000	75	60	Chelsea Upper	206	2385	40	26
Summerside	412	12874	132	41	Chelsea Lower	206	6507	66	65
Snyder's	205	4855	55	95	Lapland	203	3879	49	65
North West	206	4880	56	22	Camperdown	205	2717	42	27
Fauxbourg	206	3837	49	56	Nineveh	203	3869	49	39
Wynacht's	187	1937	35	06	W. Conquerall	206	5594	60	81
Mader's Cove	205	6626	67	30	Pine Grove	83	381	12	51
Mahone Bay	1227	49520	465	92	Middleton	206	3337	46	36
Oakland	206	8000	76	21	Little Tancook	153	2014	31	46
Indian Point	206	6948	69	48	East Dublin	198	5445	58	87
Martin's River	197	8000	75	12	Herman's Island	206	1595	35	21
Blockhouse	410	10602	117	62	Corkum's Island	205	2322	39	74
Lower Cornwall	97	367	14	11	Bush's Island	118	1158	21	73
Mid. Cornwall	206	3877	49	82	Farmville	94	555	14	95
Upper Cornwall	206	4376	53	01	Union	206	3926	50	13
New Burn	206	5825	62	29					
Parkdale	191	3803	47	50					
Maplewood	206	5225	58	45					
Farmington	206	4500	53	80					
Centreville	203	4490	53	37					
Stanbourne	205	2890	43	38					
South Rosedale	206	7633	73	86					
North Rosedale	206	8000	76	21					
Meisner's	166	984	26	43					
North River	142	2693	34	46					
Riversdale	206	3952	50	30					
W. Northfield	87	3593	33	55					
Cookville	201	2174	38	30					
Maitland	206	3135	45	07					
Sweetland	206	2717	42	38					
Lower Northfield	200	1723	35	30					
Up. Northfield	205	6213	64	65					
New Canada	206	4650	54	76					
Branch LaHave	206	3765	49	10					
Branch Lower	178	3772	45	73					
Simpson's	175	4728	51	48					
Hemford	206	8000	76	21					
Upper Branch	83	1270	18	18					
Midville	206	2766	42	70					
Penny's	196	1738	35	90					
2nd Peninsula Lr.	201	1630	34	82					
Tancook	526	21736	202	94					
Watford	205	3671	48	38					
Clearland	206	6595	67	22					
Bridgewater	2005	73429	713	39					
Conquerall Bank	410	8431	103	72					
Pleasantville	198	6501	65	63					
Fralie's	206	7154	70	80					
Pentz's	204	6549	66	68					
Getson's	410	10426	116	49					
West Dublin	404	7652	98	01					
Bell's Island	196	4457	52	31					
New Cumberland	206	4746	55	37					
Mt. Pleasant	206	4447	53	47					
Petite Riviere	391	9482	108	15					
Broad Cove	206	5915	62	86					
Cherry Hill	107	2157	26	78					
Vogler's Cove W.	206	5862	62	52					
Crousetown	206	3931	50	16					
New Italy	206	2308	39	77					
Conquerall Mills	172	2208	34	99					
Hebb's Mills	201	3087	44	15					
Baker's Sett.	206	7296	71	70					
Newcombville	203	2245	39	00					
Wileville	202	3568	47	35					
Lakeville	206	1174	32	51					
Chelsea Upper	206	2385							
Chelsea Lower	206	6507							
Lapland	203	3879							
Camperdown	205	2717							
Nineveh	203	3869							
W. Conquerall	206	5594							
Pine Grove	83	381							
Middleton	206	3337							
Little Tancook	153	2014							
East Dublin	198	5445							
Herman's Island	206	1595							
Corkum's Island	205	2322							
Bush's Island	118	1158							
Farmville	94	555							
Union	206	3926							
Poor Sections.									
Oakhill	206	2516	61	63					
Eastern Points	199	2850	63	56					
Big Lots	204	1433	50	86					
Cross Island	99	1038	27	96					
Fancy's	201	1792	53	77					
Indian Path	206	1901	55	75					
Lakefield	192	4260	76	84					
Lakeview	192	1180	45	27					
Up. Woodstock	197	2098	55	99					
Crouse's	206	1525	52	14					
Low. Woodstock	192	1855	52	75					
Stanley	123	915	31	16					
Millipsesgate	133	766	31	55					
CHESTER.									
School for the Deaf			100	00					
Printing, etc.			2	00					
Chester	1021	37721	350	97					
Chester East	246	6510	64	19					
Marratt's Cove	411	9190	105	20					
Chester Basin	412	15488	143	53					
Windsor Road	206	1515	34	12					
Chester Grant	197	1086	30	44					
Charing Cross	412	9370	106	41					
Mill Road	187	2836	39	76					
Back of Lake	205	5318	56	89					
Forties	204	8000	72	91					
Gold River N.	205	6335	63	02					
Gold River S	352	9990	102	85					
Martin's Point	412	11928	121	80					
Indian Point	206	3300	44	86					
Blandford	201	7205	67	76					
Bayswater	206	4088	49	61					
Fox Point	206	8000	73	16					
Mill Cove	167	4930	49	94					
Pine Plain	206	3206	44	30					
Deep Cove	206	2510	40	11					
Poor Sections.									
Sherwood	97	467	21	84					
Leville	192	2216	54	92					
Beech Hill	173	2282	52	06					
Lewiston	204	2132	56	87					
Border Sections.									
*Aldersville	204	3560	60	67					

PICTOU WEST.

Pictou	2445	94180	1093	81	Union Centre	195	3478	53	20
Caribou River	202	3721	56	11	White Hill	204	2058	42	24
Toney River	206	2761	48	44	Marshdale	163	483	23	89
Seafoam	205	1277	35	72	Glengarry	206	2960	50	13
Melville	183	631	27	59	Lorne	203	3750	56	48
Cape John	206	2075	42	63	Hopewell	412	9113	127	37
Hedgeville	204	3077	50	88	Riverton	198	2302	43	58
Marshville	189	1948	39	48	Fox Brook	191	1776	38	26
Louisville	200	2870	48	63	Island E. R.	198	1957	40	65
Mountain Road	206	1628	38	83	Stellarton	2237	82500	971	83
River John	608	17195	219	76	Springville	206	2780	48	60
Hodson	206	3405	53	91	Bridgeville	409	5610	97	28
Bigney	206	3397	53	84	Glencoe	198	2940	48	99
Welsford	206	2240	44	02	Sunnv Brae	183	6250	75	28
W. Branch, R. J.	206	4125	60	02	Blue Mountain	201	4233	60	33
Diamond	205	2402	45	28	Garden of Eden	153	2077	36	21
Millsville	206	1657	39	08	East R. St. Marys	197	2110	41	81
Elmfield	192	1588	36	80	Elgin	184	3006	47	86
Plainfield	206	3454	54	32	Macpherson Mills	202	2590	46	52
Meadowville	200	2125	42	31	Greenwood	203	5028	67	26
Scotsburn	205	1412	36	87	McLellan's Brook	206	5433	71	13
Heathbell	206	2776	48	56	Linacy	204	2337	44	61
Cross Roads	205	2628	47	20	Churchville	203	2800	48	41
Rogers Hill Cen.	206	2475	46	01	Trenton	824	34836	39	57
6 Mile Brook	206	1500	37	74	Abercrombie	204	4516	63	11
Brookland	188	1357	34	34	Fraser's Mount.	191	1046	32	07
Salt Springs	200	4184	59	79	Kings Head	206	1792	40	21
Up. Mt. Thom	129	1374	27	32	Pine Tree	205	3594	55	39
Lr. Mt. Thom	206	1566	38	30	Sutherland's Riv.	206	1888	41	03
Watervale	193	2372	43	57	West Merigomish	206	3805	57	30
West River Sta.	206	2661	47	60	Merigomish	206	3350	53	45
New Gairloch	189	1366	34	54	Piedmont	188	2456	43	68
Lansdowne	201	2030	41	62	Avondale	188	1780	37	93
Mill Brook	192	1690	37	66	Lr. Barney's Riv.	194	3410	52	51
Loch Broom	205	971	33	12	Lismore	206	3184	52	03
Pleasant Valley	196	1355	35	29	Bailey's Brook	206	4079	59	63
Levat	200	701	30	22	Big Island	192	1826	38	81
Green Hill	206	3568	55	30	Laggan	145	1663	31	73
Lime Rock	133	926	24	00	Kenzieville	206	730	31	20
West River	206	1749	39	83	Broadway	116	1564	27	36
Durham	206	3661	56	09	French River	202	1061	33	53
Lyons Brook	410	7273	111	50	New Lairg	195	1413	35	67
Scotch Hill	189	1045	31	81	Meiklefield	206	2416	45	52
Pictou Landing	206	6867	83	30	Little Harbour	206	1981	41	82
Central Caribou	206	2883	49	48	Rocklin	205	2561	46	63
Bay View	206	2545	46	61	Plymouth Road	193	4299	59	93
Three Brooks	204	2320	44	46	Upper Hopewell	206	3554	55	18
Pictou Island	206	3711	57	27	Telford	192	419	26	88
Waterside	204	1132	34	37	Barney's Riv.Sta.	147	1510	30	67
					Westville	3213	140250	1580	56
					Mt. William	206	1188	35	09
					Thorburn	583	23501	270	28
					Centredale	187	1207	32	95
					Eureka	408	12906	158	09
					Newton (Border)		270	2	30

Poor Sections.

Poplar Hill	191	3358	63	31
East Branch R. J.	167	1430	42	54
Loganville	191	3480	64	34
Dalhousie	189	2628	56	73
Lower Green Hill	147	924	34	60
Sundridge	187	1552	47	24
Caribou Island	191	2220	53	64

PICTOU EAST.

New Glasgow	3862	152460	1762	99
Alma	197	2169	42	33

Poor Sections.

Blanchard Road	192	2997	60	40
Moose River	181	3231	60	82
Rocky Mt.	175	2795	55	50
Kirkmount	206	2893	62	06
Brookville	184	554	38	22
Chance Harbor	203	2212	55	74
Marshy Hope	184	3610	64	16
Marsh	197	1660	49	96

Greenvale	191	1430	46	94
S. McLellan's Mt.	155	714	34	28
Woodfield	192	1744	49	76
Black Brook	194	2898	59	92
Green's Brook	166	2320	49	91

Border Sections.

Baileys Brk.(Con)	206	4079	59	63
Newtown	186	270	2	30

QUEENS SOUTH.

Institution for Deaf and Dumb	100	00		
Printing, etc.		3	00	
Port Joli	204	4285	52	25
Pt. Mouton Cen.	124	3191	35	33
Pt. Mouton N.	204	6531	66	70
Hunt's Point	206	6563	67	16
Western Head	103	1434	21	71
Moose Harbor	206	2155	38	85
Liverpool	1834	65466	643	18
Milton	1228	32913	360	48
Brooklyn	616	15652	175	32
Beach Meadows	204	6682	67	67
Eagle Head	204	4772	55	40
West Berlin	206	3295	46	16
Port Medway	518	10608	131	00
E. Port Medway	186	4045	48	54
Mill Village	824	16946	208	87
White Point	205	1812	36	52
Summerville	188	3432	44	84
S. W. Pt. Mouton	197	5158	57	04

Poor Sections.

St. Catherine R.	206	842	45	60
Pt. Mouton Isle	205	1705	53	74
Dock Cove	174	2139	52	27
E. Pt. L'Herbert	191	2490	58	74
Denmark	206	1608	52	99

QUEENS NORTH.

Pleasant River	206	6235	65	05
N. Brookfield	408	10188	114	96
Westfield	178	1255	29	65
Kempt	205	3824	49	44
W. Caledonia	191	2578	39	72
C. Caledonia	177	2085	34	85
Harmony	204	2545	41	10
Caledonia Corner	412	10205	115	56
S. Brookfield	206	7235	71	48
Greenfield	206	5150	58	08
Buckfield	171	1820	32	43

Poor Sections.

Whiteburne	98	1102	28	42
Hibernia	195	1355	48	53
Middledale	206	1605	52	97
LaBelle	187	1572	49	16
Bang's Falls	121	2241	43	60
Molega	206	4334	79	27

Border Sections.

Albany New	204	190	5	76
New Grafton	206	3112	40	13
Northfield	206	2568	54	99

RICHMOND.

School for the Deaf			200	00
School for the Blind			500	00
Acadiaville	412	12656	131	27
Port Royal	206	8000	76	50
Janvrin's Island	185	3240	43	08
Arichat	824	22308	243	41
Poulaumont	407	12120	127	47
Martinique	179	2121	35	40
D'Escousse	398	10641	116	86
Poirierville	206	7462	73	04
Cape La Ronde	206	5870	62	79
Rocky Bay	194	2434	39	32
Pondville	206	3627	48	35
Petit-de-Grat	206	7102	70	72
P-de-Grat-South	412	8267	103	10
Orange	201	3422	46	43
Cape Auguet	206	6911	69	49
Louisdale	412	11127	121	50
Whiteside	206	2623	41	89
Walkerville	206	5629	61	23
Richmond Mines	206	3053	44	65
Port Richmond	206	1196	32	70
Port Malcolm	174	3261	41	85
Sunnyside	206	1966	37	66
Point Tupper	206	7512	73	25
Hureauville	206	2894	43	63
St. Geo's Channel	206	1914	37	32
Lakeside	204	4007	50	55
MacDougall	618	17010	134	30
River Bourgeois	400	9218	107	90
Cannes	412	8606	105	40
Salmon River	204	2318	39	67
Soldier's Cove	206	4744	55	55
Hay Cove	203	2627	41	55
Peter's Mount	192	2318	38	21
Fourche	206	3790	49	40
Framboise	203	3300	45	89
St. Esprit	191	2062	36	55
L'Archeveque	138	1260	24	97
Grand River	182	3164	42	47
Grand Falls	172	2272	34	52
Point Micheau	206	2819	43	14
L'Ardoise H'lds	206	3077	44	80
Brymer	206	4418	53	43
L'Ardoise	412	13090	134	17
L'Ardoise West	412	12359	129	44
Rockdale	201	5263	58	30
Grand Greve	206	4055	51	10
Louisdale (Conveyance).			25	00

Poor Sections.

Kempt Road	191	1968	53	76
Brae	182	1340	45	70
Balmoral	191	360	38	25
Seaview	206	1296	53	00

The Points	204	2394	60	25	Port Clyde	191	4613	50	46
Roberta	190	1415	48	25	Cape Negro	204	3625	46	11
Cape George	206	1475	51	75	Blanche	193	1921	34	62
Lynch's River	188	1503	48	75	Up. Port La Tour	205	7572	69	77
Macnab	172	1096	41	56	Port La Tour	411	3268	98	64
Loch Lomond N.	201	3444	69	85	Baccaro	359	7748	89	30
West L. Lomond	158	1359	41	57	Hibbards Brook	204	4450	51	03
Loch Lomond	178	2152	52	80	Barrington Head	404	11566	117	47
Cape Breton	177	1426	45	60	Barrington Passage	400	7743	94	19

Border Sections.

Cleveland	206	1450	19	07
Irish Cove	177	1518	17	25
Duff	206	2045	31	40
West Bay	200	515	7	10

SHELBURNE.

School for the Blind				100
L' Pt. L' Hebert	186	1096	29	22
Sable River	197	6364	63	59
Louis Head	191	2960	41	50
Little Harbor	206	4003	50	13
Mathews Point	202	1831	35	74
Rockland	206	3454	46	68
Allendale	205	2684	41	44
Osborne	191	1876	34	70
Lockeport	1014	27538	294	55
West Head	206	4286	51	90
E. Green Harbor	206	3593	47	56
W. Green Harbor	197	6407	63	86
E. Jordan	191	4797	53	04
Jordan Falls	412	6418	90	30
Up. W. Jordan	206	3007	43	87
Jordan Ferry	190	3403	43	46
Jordan Bay	206	4086	50	65
Lr. Sandy Point	206	8000	75	22
Sandy Point	201	4901	54	89
Shelburne	1236	42635	417	64
Lr. Ohio	206	6513	65	88
Mid. Ohio	191	1382	31	62
Up. Ohio	187	1757	33	47
Up. Clyde	206	1482	34	31
Port Saxon	206	3325	45	87
N. E. Harbor	206	2502	40	70
Black Point	151	5085	50	06
Roseway	205	1471	33	85
Gunning Cove	206	6066	63	08
Churchover	189	2079	35	73
Birchtown	187	2163	36	00
Big Port L' Hebert	96	398	21	03
E. Sable	201	2958	64	03
W. Sable	186	1767	50	13
McNutt's Island	190	1149	45	02

Border Section.

Clyde River	412	4887	69	28
-------------	-----	------	----	----

BARRINGTON.

School for the Blind			60	00
School for the Deaf			200	00

Doctors Cove	205	6474	63	22
Bear Point	178	3095	39	83
Shag Harbor	205	8000	72	32
Woods Harbor	824	29697	277	13
Up. Woods Harb.	206	8000	72	74
Forbes Point	195	3382	43	58
Charlesville	190	2659	38	63
Centreville	151	5665	51	91
Newellton	403	12533	123	12
Clarks Harbor	1182	34249	346	12
Hawk	196	5652	57	23
South Side	175	4560	48	20
Stony Island	404	12146	122	54
Cape Negro Is'd	190	2484	56	27
Villagedale	206	1591	51	75
Oak Park	191	1118	44	38

Border Section.

Clyde River	412	1441	19	99
-------------	-----	------	----	----

VICTORIA.

Baddeck	824	17370	261	83
Red Head	196	2570	47	73
Nyanza	184	2962	49	91
Baddeck Bridge	206	3096	53	85
Baddeck Forks	190	2887	49	94
Big Baddeck Cen.	188	1885	40	41
Upper Baddeck	48	278	8	42
W. Middle River	206	3221	55	01
Church	206	4025	62	50
MacLennan's	206	1385	37	90
Upper M. River	177	1695	37	28
St. Patrick's Chan.	192	1594	48	15
Grant	190	1846	40	25
Gilli's Point	203	4593	67	43
Iona	166	5203	68	62
McKinnon's Har.	187	6813	86	16
Baddeck Bay	191	2766	48	95
South Gut	206	4465	66	60
Englishtown	206	4923	70	87
Englishtown 1912	53½	1171	17	40
Indian Brook	199	2083	43	55
Plaster	128	1885	33	09
French River	192	4707	67	16
South Bay	189	5738	76	40
Clyburn's Brook	200½	3900	60	67
East Ingonish	200	4776	68	77
Neils Harbor	190	1797	39	80
South Harbor	199	4478	65	87
Middle Ridge	21	350	5	81
Dingwall	206	4652	68	34
Sugar Loaf	22	606	8	33
Tarbot	197	4949	70	03

North River	83	2378	32	22	W. Kempt	206	5952	58	81
Goose Cove	206	5122	72	72	N. Kempt	196	6244	59	02
Cape Dauphin	167	3176	49	86	Carieton	412	8534	98	50
Big Bras d'Or	155	1682	34	48	Pleasant Valley	190	2040	34	40
Boulardarie East	187	1691	38	46	Deerfield	81	1070	15	78
Boulardarie Cen.	205	2748	50	48	Pinkneys Pt.	201	5987	87	21
Munro	189	1206	34	18	Cape Forchu	149	2188	45	44
Kempt Head	206	4939	71	01	Greenville	192	2041	51	96
Island Point	191	1718	39	17	Somerville	102	1395	30	26
Kempt Head (Con)			25	00	Canaan	176	2470	53	08
					Forest Glen	206	3500	67	33

Poor Sections.

Hunters Mt.	206	2357	70	44
Bucklaw	191	1141	50	73
Narrow's Village	68	318	16	82
Little Narrows	189	1648	57	45
Upper Washabuck	147½	2446	61.	04
St. Columba	206	893	49	97
Lower Washabuck	103	2704	56	53
Barra Glen	183	4147	91	27
Estmere	198	2134	65	86
Plaster Mines	196	2192	66	31
Big Hill	174½	2712	69	67
Eel Cove	165	2697	67	73
Wreck Cove	153	2034	56	27
North Smokey	206	3020	79	70
West Ingonish	194	1627	58	06
New Harris	49	463	15	39
North Gut	205	2723	75	37
Jubilee	192	1661	58	17
Garloch Mt.	203	1581	59	05
Cain's Mt.	192	1077	50	01

Border Sections.

Melbourne	171	5834	50	95
Pleas. Lake	200	3438	34	88
Gavelton	148	706	10	02
Beaver River	206	965	14	58
Cedar Lake	198	225	3	47

ARGYLE.

School for the Deaf			400	00
School for the Blind			560	00
Lr. East Pubnico	318	8848	58	70
Mid E. Pubnico	412	9124	70	89
East Pubnico	360	9173	64	48
Pubnico	341	7223	57	74
Up. W. Pubnico	412	13460	80	82
Mid W. Pubnico	618	17947	116	10
Lr. W. Pubnico	412	14766	83	80
Arg. Sound	205	8000	42	90
Lr. Argyle	206	5998	38	78
Arg. Harbor	206	4501	35	30
Cent. Argyle	205	4094	33	97
Argyle	206	993	27	28
Arg. Head	205	2480	30	28
Glenwood	206	2012	29	60
Lr. Eel Brook	206	8000	43	32
Eel Brook	410	10752	74	10
Abram's River	206	6525	39	92
Surettes l'd	204	8000	42	79
Sluice Point	412	9578	71	91
Amiro's Hill	412	12595	78	84
Hubbards Pt.	206	7775	42	80
Tusket	411	8683	69	47
Mid. Belleville	206	5958	38	62
W. Quinan	194	4703	34	03
E. Quinan	187	8000	40	75
Cent. Kempt	205	4123	34	01
Plymouth	205	7586	41	95
Wedgeport	1414	51713	279	70
Comeau's Hill	206	5650	37	92
Morris l'd	172	5384	49	43
N. Belleville	206	4490	52	91
S. Belleville	206	4291	52	22
Bell Neck	163	1204	33	47
Springhaven	182	3057	43	26
Rockingham	89	1155	19	98
Hawthorn	99	584	19	82

YARMOUTH.

School for the Deaf			200	00
School for the Blind			300	00
Refund to Canaan, No. 30, under Sec. 141			80	00
Arcadia	393	13963	126	79
Cent. Chebogue	200	2591	38	71
Rockville	204	8000	69	93
Sand Beach	199	4361	48	64
Yarmouth	6529	203113	1946	48
Overton	206	2911	41	52
S. Chegoggin	201	2787	39	93
Pembroke	206	6474	61	80
N. Chegoggin	205	3167	42	61
Sandford	204	5339	54	80
Port Maitland	617	18420	179	27
Richmond	206	3678	45	90
Norwood	192	1418	31	08
Lake Annis	205	3827	46	32
Brazil Lake	71	142	9	34
Bloomfield	205	2456	38	53
Brenton	201	3490	43	94
Ohio	412	9853	106	00
Wellington	203	5425	55	18
Hebron	405	8097	94	89
Dayton	206	3128	42	75
Brooklyn	411	7927	94	65
Reynardton	206	3328	43	90

Border Sections.

Gavelton	148	1384	14	92
Melbourne	171	894	4	76
Pleas. Lake	200	1940	13	09

PROVINCIAL AID

To Teachers employed in the Public Schools for the half year ended, June 30th, 1913.

The Asterisk (*) = in poor sections.
(R S) = Rural Science Grant.
(Lib) = Library Grant.

	Number of Teaching Days employed.	Am't paid to Teachers from Provincial Treasury		
Potter, Effie M.	102	59 41		
Ritcey, Adelaide M.	102	59 41		
Ritcey, Mac T.	103	60 00		
Ruggles, Annie B.	51	29 70		
Ruggles, Florence L.	102	59 41		
Snow, Delma	103	60 00		
Spinney, Theodore H.	98	57 07		
Sproule, Anna D.	48	27 95		
Tibert, Walton K.	106	61 75		
Troop, Alice M.	103	60 00		
Troop, Beatrice E.	103	60 00		
Wade, Edna M.	103	60 00		
Wambolt, Gertrude V.	103	60 00		
Wheelock, Mildred E.	103	60 00		
Withers, Lulu B.	103	60 00		
Wood, Bernard G.	103	60 00		
Woodworth, B. May	103	60 00		
Young, Marguerite E.	103	60 00		
Adams, Mildred L.	103	45 00		
Banks, Ida B.	103	45 00		
Bruce, Mrs. Grace L.	48	20 96		
Chesley, Sadie B.	24	10 47		
Ennis, Hilda B.	103	45 00		
Foster, L. Winnifred	103	45 00		
Goodspeed, Clarie V.	103	45 00		
Hall, Mrs. Eunice A.	94½	41 28		
Hebb, Maud G.	103	45 00		
Hutchinson, Nina B.	103	45 00		
Jackson, Annie L.	103	45 00		
Laird, Elizabeth H.	103	45 00		
Letteney, Edith P.	103	45 00		
Longley, Annie G.	47	20 52		
Longmire, Rosa T.	34	14 84		
MacKay, Hazel G.	103	45 00		
Margeson, Hanna L.	103	45 00		
McBride, Bessie V.	103	45 00		
Mills, Hattie G.	103	45 00		
Myers, Tillie A.	54	23 58		
Nauglar, Lilla M.	102	44 56		
Nichols, Lola M.	103	45 00		
Pentz, Harriet M.	102½	44 78		
Phinney, Jennie D.	103	45 00		
Phinney, Mary S.	103	45 00		
Sawler, Pearl M.	103	45 00		
Simpson, Lizzie M.	54	23 58		
Spurr, Annie M. W.	58	25 33		
Travis, Winola	76	33 19		
Trimper, Catherine R.	103	45 00		
Troop, Bessie L.	103	45 00		
Tupper, Frances C.	103	45 00		
Whitman, Minnie C.	103	45 00		
Armstrong, Mary M.	103	30 00		
Baker, Hallie J.	103	30 00		
Bent, Rhoda M.	103	30 00		
Calnek, Anna A.	40½	11 80		
Daniels, Gladys K.	103	30 00		
Elliott, Mabel I.	103	30 00		
Fairn, Henrietta M.	102	29 70		
Frost, Laura E.	103	30 00		
Gates, Lilla L.	103	30 00		
Gilliatt, Helen V.	92	26 79		
Hamilton, Louis G.	71½	20 82		
Harnish, Mrs. Lloyd L.	62½	18 20		
Hayes, Annie V.	103	30 00		
Hines, Celia G.	63	18 34		
Hunt, Gladys M.	103	30 00		

ANNAPOLIS.				
	Number of Teaching Days employed.	Am't paid to Teachers from Provincial Treasury		
Ruggles, Lenfest	102	105 00		
Tanch, Jos. W.	103	105 00		
Whitman, Elbert J.	97	56 49		
Bishop, Anneta C.	103	75 00		
Armstrong, Mrs. C. S.	24	13 97		
Balcom, Irene C.	103	60 00		
Banks, Beriah S.	103	60 00		
Banks, Beriah S. (R S)		30 00		
Banks, Wilford E.	103	60 00		
Banks, Wilford E. (R S)		30 00		
Bowly, Jessie I.	103	60 00		
Brooks, Estella M.	103	60 00		
Bustin, Harry L.	103	60 00		
Charlton, Mabel E.	103	60 00		
Chivers, Gladys P.	103	60 00		
Chipman, Emma W.	103	60 00		
Chute, Edith E.	103	60 00		
Cochrane, Florence M.	103	60 00		
Coffin, Eunice R.	94	54 74		
Coumans, Emily R.	103	60 00		
Cox, Dora F.	103	60 00		
Davis, May T.	103	60 00		
Durling, Ina	7	4 07		
Elliott, S. E. Primrose	103	60 00		
Fancy, Lydia A.	103	60 00		
Fulton, Sarah R.	103	60 00		
Gesner, Agnes P.	103	60 00		
Gormley, Katherine I.	49	28 53		
Harris, C. Louise	103	60 00		
Keans, Lena A.	103	60 00		
Knowlton, Cassie O. R.	103	60 00		
Lloyd, Constance S.	103	60 00		
Longley, Hilda M.	103	60 00		
Longmire, Flora C.	103	60 00		
McCormick, Albert E.	103	60 00		
McCormick, Albert E. (R S)		15 00		
McCormick, Gladys R.	103	60 00		
McGinnis, Gladys C.	103	60 00		
McLean, Bessie C.	103	60 00		
McWhinnie, Elizabeth	49	28 53		
Morrison, Myrtle A.	103	60 00		
Morse, Ethel E.	39	22 71		
Palfrey, Mary M.	103	60 00		
Phinney, M. Gwendoline	103	60 00		

Lambertson, Myrtle F.	103	30 00	McGlashen, Isabel.	103	60 00
Long, Etta M.	101	29 41	McLean, William.	103	60 00
Messinger, Lizzie M.	103	30 00	Somers, Alex M.	103	60 00
Munro, Ida M.	99	28 82	Sr. M. Leonora	103	60 00
Newcombe, Florence B.	103	30 00	Boyd, Effie Ann	102	44 56
Phinney, Annie M.	103	30 00	Cameron, Agnes M.	103	45 00
Ritchie, Florence M.	102	29 70	Chisholm, Teresa B.	103	45 00
Robbins, Mildred F.	103	30 00	Donohue Catherine G.	103	45 00
Slocomb, Louis W.	102	29 70	Gillis, Margaret	100	43 68
Snow, Helen M.	103	30 00	Henderson, Mary I.	19	8 28
Snow, Minnie L.	103	30 00	LeBlanc, Leo J.	103	45 00
Tosh, Ivy I. M.	65	18 92	Morgan, Edith	103	45 00
Watson, Annie S.	103	30 00	Mullins, Annie J.	99	43 24
Winchester, Dora M.	98	28 53	MacDonald, Sadie E.	103	45 00
Wright, Hazel G.	103	30 00	MacDonald, Margaret J.	103	45 00
Woodbury, Ada M.	103	30 00	MacDonald, A. T.	89	38 87
Woodbury, Hazel M.	52	15 14	MacDonald, Donnie	103	45 00

Poor Sections.

Balcom, Hazel E.	103	39 45	McDonald, John	103	45 00
Bayer, Olivia L.	103	39 45	McDougall Hyacintha	103	45 00
Berry, Lottie B.	103	39 45	McEachern, Elizabeth	103	45 00
Buckler, Kathleen R.	103	39 45	MacGillivray, A. J.	101	44 12
Covert, Stella M.	103	39 45	MacGillivray, Rose	101	44 12
Duckshire, Gladys M.	102	39 07	McIntosh, Margaret E.	81	35 37
Eisenhour, Hilda P.	103	39 45	McKenzie, Gertrude	103	45 00
Garber, Mildred E.	32	12 26	Pettipas, Walter A.	103	45 00
Hinds, Elsie L.	103	39 45	Stewart, Catherine E.	102	44 56
Kempton, Muriel V.	103	39 45	Sr. Rose Berchmans	103	45 00
Mapplebeck, Elizabeth D.	103	39 45	Sr. M. Pelagia	103	45 00
Morrison, Florence H.	103	39 45	Sr. Waeburga	103	45 00
Nixon, Goldie M.	101	38 69	Sr. St. Hugh	103	45 00
Saunders, Ruth H.	62	23 75	Sr. John Aepomucen	103	45 00
Simpson, Esther M.	103	39 45	Sr. Mary Matilda	103	45 00
Todd, Mabel G.	103	39 45	Beaton, Janet	102	29 70
Wright, Mrs. Etta M.	101	38 69	Chisholm, Mary C.	85	24 75

Annuitants.

Shaffner, Samuel C.	198	53	Crispo, Sadie E.	103	30 00
Brown, Alfred D.	60	00	Cruikshank, Alice P. *	103	30 00
McGill, Geo. B.	60	00	Doucett Adele S.	98	28 53
Munro, Henry	60	00	DeCoste, Florence R.	91	26 50
Richardson, Rebecca A.	60	00	Dunlavy Jennie	103	30 00
Vidito, Helen A.	60	00	Forrestall, Evelyn C.	101	29 41
Jones, Watson C.	45	00	Macdonald, Rose M.	103	30 00
Sanders, Arthur W.	45	00	Maddonald, Sadie	103	30 00

Consolidation.

Perotte Con. under Sec. 5 (21)	19	68
--------------------------------	----	----

ANTIGONISH.

Boyd, Donald D.	94	82 12	MacGillivray Bessie	103	29 41
Coady, Moses M.	70	61 14	MacGillivray, Margaret	101	30 00
Martin, O. McN.	102	89 12	McInnis, Annie	103	30 00
Sr. St. Thomas, Des Anges	103	75 00	McKeough, Mary	102	29 70
Tompkins, J. J.	94	95 80	McLean, Josephine	103	30 00
Cameron, Sarah	103	60 00	McLeod, Christina M.	102	29 70
Chisholm, Wm. J.	102	59 41	McMillan, Elizabeth C.	103	28 53
McAmis, Katie	103	60 00	McPhie, Mabel	98	28 00
MacDonald, Sadie	103	60 00	Purcell, Anna	103	30 00
			Ross, Christena M.	99	28 82
			Sr. St. Thomas de'S. Coeur	103	30 00
			Somers, Elizabeth	103	30 00
			Somers, Annie J.	103	30 00

Poor Sections.

Bray, Margaret N.	103	40 00
Chisholm, Helen B.	99	38 45
Chisholm Catherine M.	103	40 00

Chisholm Margaret A.	103	40	00	Donovan, Catherine	102	59	41
Macdonald, Mary F.	103	40	00	Donovan, Josie	103	60	00
Macdonald, Catherine J.	39	15	15	Doyle, Cecilia J. M.	102	59	41
Macdonald, Cassie	103	40	00	Edgecomb, Ethel L.	102	59	41
Macdonald, Mary A.	89	34	56	Egan, Carlotta	102	59	41
MacGillivray, Margaret A.	103	40	00	Elderkin, A. Laura	48	27	95
McIsaac, Louise A.	98	38	06	Fife, Annie M.	103	60	00
McLean, Anna	12	4	66	Finigan, Lindsay M.	103	60	00
McLellan, Catherine E.	103	40	00	Foley, Mary E.	103	60	00
McPherson, Elizabeth	102	39	61	Fownes, Grace M.	102	59	41
Watkins, Elizabeth	103	40	00	Fraser, Gertrude C.	102	59	41

Special Poor Section.

Wadden, John	103*	60	00
--------------	------	----	----

Consolidation.

West River (2 D.)	101	58	82
-------------------	-----	----	----

Annuitants.

Gillis, Angus	60	00
Boyd, Angus A.	45	00
Cameron, William D.	45	00
Fraser, William	45	00
Macdonald, Donald	30	00

Assistants.

McKinnon, Christina	51	24	75
Connolly, C. J.	70	27	18
Chisholm, Christina	47	13	68
Cormier, A. H.	94	27	37
Tompkins, M. N.	94	27	37

CAPE BRETON.

Archibald, John T.	102	94	41	Donovan, Catherine	102	59	41
Bingay, James	102	103	97	Donovan, Josie	103	60	00
Creelman, William	102	105	00	Doyle, Cecilia J. M.	102	59	41
Davidson, Milton D.	103	105	00	Edgecomb, Ethel L.	102	59	41
Dodds, Agnes A.	102	74	26	Egan, Carlotta	102	59	41
Ellis, Russell	102	94	41	Elderkin, A. Laura	48	27	95
Haverstock W. Ernest	102	105	00	Fife, Annie M.	103	60	00
Smith, Gertrude O.	101	88	24	Finigan, Lindsay M.	103	60	00
Trask, J. Logan	102	94	41	Foley, Mary E.	103	60	00
Whyte, Earle T.	102	105	00	Fownes, Grace M.	102	59	41
Douglas Havelock G.	103	75	00	Fraser, Gertrude C.	102	59	41
McKinnon, Christine	101	73	53	Fraser, Greta B.	102	59	41
Oulton, Charles A.	102	74	26	Fulton, Edith Irene	102	59	41
Smith, Lenore	102	75	00	Fulton, Lillian M.	102	59	41
Aikins, Charles E.	102	59	41	Fulton, M. Eurella	102	59	41
Anderson, Isabel M. L.	102	59	41	Gannon, Mary J.	102	59	41
Arsenault, M. Teresa	102	59	41	Gates, Lena M.	96	55	91
Bars, Muriel J.	102	59	41	Gillis, Katherine	103	60	00
Bown, Eleanor F.	103	60	00	Gillis, Mary D.	103	60	00
Bruce, Bessie W.	102	59	41	Goode, Myrtle M.	101	58	83
Burke, Domatilla	102	59	41	Graham, Bessie F.	102	59	41
Burrill, Harold Q.	82	47	76	Grant, Jessie M.	102	59	41
Campbell, Lizzie M.	102	59	41	Grant, Maria	102	59	41
Cann, Lillian B.	102	59	41	Gray, Jennie V.	101	58	83
Chisholm, Jean	103	60	00	Greenwell, Bertha L.	53	30	86
Courteen, Violet	98	57	07	Gunn, Annie	102	59	41
Crowell, Annie E.	102	59	41	Hartigan, J. Helen	103	60	00
Curry, Delila Pearl	41	23	88	Hennessey, Martha J.	103	60	00
				Henry, Jessie E.	102	59	41
				Johnston, Joan	103	60	00
				Kay, Mary E.	102	59	41
				Kilpatrick, Harriett	102	59	41
				Kinley, Florence	101	58	83
				Knox, S. Edna	102	59	41
				Lawley, James H.	19	11	05
				Macdougall, Jean	102	59	41
				Macintosh, Anna B.	102	59	41
				McIntosh, Grace	103	60	00
				MacKenzie, Daniel A.	102	59	41
				MacKenzie, Josephine	103	60	00
				McLean, Katherine	102	59	41
				McLean, S. Agnes	102	59	41
				MacLennan, Florence	101	58	83
				McLennan, Josephine	102	59	41
				McLeod, Kathleen R.	102	59	41
				McLeod, Roger S.	103	60	00
				MacMillan, Katherine	103	60	00
				MacMillan, V. H. (H. S.)	100	58	25
				MacNeil, Katie	103	60	00
				McNeil, Jennie E.	102	59	41
				McPhee, Annie	102	59	41
				McWilliam, Janie	102	59	41
				Matheson, Maude H.	101	58	83
				Miller, Katherine F.	103	60	00
				Mingo, Irene E.	90	52	42
				Munn, Nina A.	103	60	00
				Munroe, Mary C.	103	60	00
				Reeves, Annie W.	102	59	41
				Robinson, Stewart I.	101	58	83
				Ryerson, Elizabeth	99	57	66
				Schurman, Sadie	102	59	41
				Simpson, A. Olive P.	102	59	41
				Sister Agnes Maria	102	59	41
				Sister M. Ambrosia	103	60	59
				Sister M. Andrea	101	58	83
				Sister M. Annette	102	59	41

Sr. M. Chrysostom	102	59	41	MacDonald, Katherine A.	102	44	56
Sister M. Clarissa	103	60	00	Macdonald, Nellie	103	45	00
Sister M. Cleophas	92	53	58	Macdonald, Theresa	95	41	49
Sister M. Josita	99	57	66	McDonald, Mary	102	44	56
Sister M. Lawrence	103	60	00	McDonald, Mary A.	103	45	00
Sister M. Margaret	103	60	00	McDonald, Mary L.	102	44	56
Sister M. Vincent	64	37	27	Macdonald, Sarah	102	44	56
Sister Rose Maria	20	11	64	McDougall, Mabel	102	44	56
Sister St. Bernard	102	59	41	MacEwen, Mary C.	92	40	18
Sister St. M. Alvysins	102	59	41	McIntyre, Mary E.	102	44	56
Sis. St. Mary Asc	102	60	00	MacIsaac, Agnes	102	44	56
Sister Teresa Joseph	103	60	00	MacIsaac, Margaret	102	44	56
Stalker, Elizabeth J.	101	58	83	MacIsaac, Margaret	102	44	56
Strachan, Katherine	102	59	41	McIsaac, Mary C.	89	38	87
Stropole, Gwladys	103	60	00	McKeough, Anna	41	17	90
Sullivan, Marie	102	59	41	MacKinnon, Jessie M.	102	44	56
Sutherland, Mary	102	59	41	MacKinnon, Katie	102	44	56
Titus, Lawrence L.	102	59	41	MacKinnon, Sayde E.	101	44	12
Townsend, Tillie F.	102	59	41	MacLean, Christine V.	98½	43	02
Walker, Jean R.	103	60	00	McLean, Dolena	102	44	56
Weldon, Augusta	103	60	00	McLean, Rachael, I.	97	42	37
Withrow, H. H.	103	60	00	McLeod, Cecilia,	103	45	00
Woodbury, Harola C.	103	60	00	McLeod, Margaret	103	45	00
Woodill, Arthur W.	103	60	00	MacLeod, Teresa	102	44	56
Bissett, Clarence	102	44	56	McNeil, Annie L.	53	23	15
Boutilier, Alice	103	45	00	Macneil, Florence A.	103	45	00
Bown, Violet E.	103	45	00	Macneil, Minnie A.	103	45	00
Boyd, Laura E.	100	43	68	Moore, Elizabeth	102	44	56
Broderick, Annie	102	44	56	Morrison, Lottie M.	101	44	12
Browner, Florence	103	45	00	Morrison, Margaret	102	44	56
Chisholm, Christine	52	22	71	Mulcahey, Dennis	102	44	56
Chisholm, Margaret M.	103	45	00	Nicholson, Mary	103	45	00
Chisholm, Marguerite	103	45	00	O'Connell, Mary A.	90	39	31
Currie, Donald J.	103	45	00	O'Keefe, Margaret M.	102	44	56
Currie, Michael D.	98	42	80	Phalen, Annie J.	103	45	00
Currie, Teresa	102	44	56	Phoran, Alice	103	45	00
Curry, Alice B.	80	34	94	Read, Pearl B.	101	44	12
Coady, Sarah J.	102	44	56	Robinson, Hattie L.	101	44	12
Daley, Annie S.	102	44	56	Sampson, Mary E.	103	45	00
Downing, Florence	102	44	56	Simpson, Margaret J.	102	44	56
Egan, Anna M.	103	45	00	Sister M. Ambrose	103	45	00
Farquharson, Annie	102	44	56	Sr. M. Annina	95	41	49
Fyfe, Honora	49	21	40	Sr. M. Canvillius	101	44	12
Fyfe, Magdalen M.	102	44	56	Sr. M. Eulalia	83	36	25
Gillis, Margaret	102	44	56	Sr. M. Isidora	102	44	56
Gillis, Margaret	103	45	00	Sr. M. Leocadia	103	45	00
Gillis, Minnie	103	45	00	Sr. M. Leonard	102	44	56
Goodwin, Leda M.	103	45	00	Sr. M. Lucina	103	45	00
Hamilton, Agnes E.	101	44	12	Sr. M. Osivala	103	45	00
Harris, Gladys E.	102	44	56	Sr. M. Stephen	102	44	56
Holmes, Katherine M.	103	45	00	Sr. M. Thomas	102	44	56
Kavanagh, Eva C.	103	45	00	Sr. M. Veronica	101	44	12
Kelly, Amy R.	103	45	00	Sr. M. Wilfrid	8	3	48
Kerr, Annie F.	103	45	00	Sr. St. Aldric	102	44	56
King, Ada A.	102	44	56	Sr. St. Alexander	102	44	56
Kyte, Angela E.	103	45	00	Sr. St. Augustine	102	44	56
Lamb, Leah M.	33	14	41	Sr. St. Casilda	102	44	56
Leydon, Anastasia	103	45	00	Sr. St. Francis	102	44	56
MacAulay, Ida	61	26	64	Sr. St. Genevieve	102	44	56
McCormick, Catherine	102	44	56	Sr. St. Henedine	102	44	56
Macdonald, Annie C.	22	9	59	St. St. John C.	102	44	56
Macdonald, Ethel M.	102	44	56	Sr. St. Marcella	102	44	56
McDonald, Genevieve	102	44	56	Sr. St. Osmond	102	44	56
McDonald, Jean F.	102	44	56	Sr. St. Pancratius	102	44	56
MacDonald, Joanna	102	44	56	Sr. St. Reginald	102	44	56
				Slaven, Elizabeth M.	102	44	56

Vickers, Matilda M.	102	44	56
Watson, Ella M.	102	44	56
Wentzell, Lois E.	93	40	62
White, Mary M.	63	27	52
Armstrong, Minnie K.	13	3	78
Barrigan, Lila	103	30	00
Battersby, Ethel E.	103	30	00
Baxendale, Annie	102	29	70
Bona, Mary A.	99	28	28
Boudreau, Claire	103	30	00
Boyle, Emma	102	29	70
Boyle, Frances M.	103	30	00
Brownell, Viola E.	103	30	00
Campbell, Flo D.	102	29	70
Campbell, Florence M.	102	29	70
Campbell, Katie	102	29	70
Campbell, Margaret	102	29	70
Coady, Margaret A.	103	30	00
Currie, Jessie	103	30	00
Currie, Mamie	102½	29	85
Dillon, Agnes W.	102	29	70
Forbes, Florence	102	29	70
Fraser, Josephine	102	29	70
Gillis, Margaret E.	103	30	00
Gillis, Mary E.	102	29	70
Gillis, Sadie	103	30	00
Hines, Margaret	101	29	41
Holmes, Brenton M.	103	30	00
Hurst, Clare C.	103	30	00
Ingraham, Grettie I.	103	30	00
Jameson, Ona M.	103	30	00
Jessome, Susie M.	103	30	00
Johnston, Catherine	103	30	00
Keats, Mary K.	103	30	00
Keefe, Agnes C.	54	15	72
King, Alice B.	102	29	70
Lewis, Clifford	78	22	71
MacArthur, Janet	103	30	00
Macaulay, Annie F.	77	22	42
Macaulay, Nina	102	29	70
MacCormick, Mary	102	29	70
McDaniel, Alice	103	30	00
McDermott, Mabel R.	39	11	35
Macdonald, Florence C.	102	29	70
McDonald, Margaret M.	100	29	12
McDonald, Mary	103	30	00
Macdonald, Mary	20	5	82
McDonald, Mary A.	103	30	00
McDonald, Mary S.	102	29	70
Macdonald, Nellie	102	29	70
Macdonald, Teresa B.	102	29	70
McGillivray, Margaret	102	29	70
McInnes, Margaret M.	103	30	00
MacIsaac, Margaret	101	29	41
McKay, Georgina M.	102	29	70
MacKenzie, Ethel	102	29	70
MacKenzie, Margaret	102	29	70
MacKenzie, Mary	103	30	00
McKinnon, Helen E.	102	29	70
McKinnon, Sadie M.	102	29	70
McLellan, Mary	98	28	53
McLellan, Stella I.	103	30	00
McNeil, Katie J.	102	29	70
McNeill, Loretta	102	29	70
MacVicar, Annie	103	30	00
Macdower, Henrietta	103	30	00

Matheson, Flora C.	103	30	00
Matheson, Sarah	82	23	88
Meager, Stella	102	29	70
Miller, Mary E.	101	29	41
Nicholson, Katie	103	30	00
Nicholson, Mary A.	102	29	70
Nickerson, Margaret	77	22	42
O'Handley, Joan	102	29	70
Power, Elizabeth M.	101	29	41
Reid, Annie E.	103	30	00
Roach, Mary A.	102	29	70
Sampson, Clara M.	102	29	70
Sister Francis Paula	103	30	00
Sister M. Ursula	62	18	05
Sister St. Alexander C.	102	29	70
Sister St. Ann	102	29	70
Sis. er St. Gregory	102	29	70
Sister St. Mary	102	29	70
Smith, Mary A.	101	29	41
Sullivan, Kathryn	102	29	70
Trask, Edith W.	95	27	66

Poor Sections.

Bagnell, Viola M.	103	40	00
Brown, Elizabeth C.	93½	36	30
Gillis, Margaret	101	39	22
Gillis, Rose A.	102½	39	80
LeVatte, Myrtle	95	36	89
Livingstone, Cassie M.	101	39	22
McArthur, James E.	103	40	00
MacDonald, Eva R.	103	40	00
McDonald, John	103	40	00
McInnis, Christena	63	24	46
MacKeigan, Christene	102	39	61
MacLennan, Rod. A.	103	40	00
MacLeod, Christine	100	38	83
McMullin, Elizabeth A.	103	40	00
MacPherson, Loretta	103	40	00
Morrison, Perle T.	103	40	00
Scott, Christena	101	39	22

Rural Science Teachers.

Fulton, Edith Irene	15	00
Harris, Gladys E.	15	00

Special Poor Sections.

Caledonia	194	56	49
Beechmont	179	52	12

Consolidations.

The Meadows, 1D.	103	30	00
Ocean View, 1D.	103	30	00
East Bay, 3D.	103	90	00
Eskasoni, 1D.	103	30	00

Annuitants.

McDonald, Joseph	60	00
Garrett, Charles V.	45	00
McDougall, Philip	45	00
McKenzie, Archibald J.	45	00
McMillan, Fanny	30	00

COLCHESTER SOUTH.

Davis, D. G.	102	105	00
England, H. E.	102	90	00
Hibbert, T. M.	102	90	00
Richardson, L. A.	102	90	00
Caldwell, L. A.	102	75	00
Mosher, Amy	102	74	26
Doane, Margaret	102	74	26
Nelson, Eda	29	21	11
Linton, Alice Audrey	102	59	41
Bissett, Amy	102	59	41
Blackmore, Hortense	103	60	00
Bryson, Myrtle	103	60	00
Bryson, Myrtle (Lib)		10	00
Chambers, Flora	63	36	69
Creelman, Laura	103	60	00
Dickson, Hattie	102	59	41
Dickie, Annie K.	102	59	41
Doyle, S. Mabel	102	59	41
Fitzrandolf, Mary	102	59	41
Fraser, Annie	102	59	41
Fulton, Beatrice	102	59	41
Laurence, Gladys	102	59	41
Lodfe, Myrta C.	102	59	41
Lockhart, Edna C.	103	60	00
McDonald, Jean C.	102	59	41
McIntosh, Agnes	102	59	41
McLennan, Jennie	102	59	41
Ogilvie, Phoebe	103	60	00
Pineo, Ida B.	20	11	64
Smith, Evelyn	102	59	41
Smith, Jennie J.	101	58	83
Stevens, Georgie	103	60	00
Stevens, Georgie (R S)		30	00
Terrice, Samuel B.	102	59	41
Turner, Ida DeT.	102	59	41
Waddell, Margaret D.	120	59	41
Whyte, Juanita M.	99	57	66
Wright, Jessie N.	102	59	41
Archibald, Minnie	102	44	56
Archibald, Bertha May	103	45	00
Archibald, Bertha Inez	103	45	00
Bates, Edwina	102	44	56
Bishop, Johanna Margaret	102	44	56
Caddell, Outie	103	45	00
Carter, Medora	103	45	00
Cox, Jean R.	102	44	56
Fraser, Lulu F.	83	36	25
Graham, Elfrida	102	44	78
Grant, Elizabeth B.	102	44	56
Jennison, Mary	102	44	56
Lindsay, Stella Lee	103	45	00
Miller, Agnes M.	103	45	00
McCleave, H. A.	102	44	56
McKay, Beatrice	102	44	56
McNutt, Elsie	102	44	56
McNutt, Elsie (R S)		15	00
O'Brien, Miles A.	99	43	24
Roy, Beatrice A.	103	45	00
Robbins, Violet	102	44	56
Ross, Bessie B.	103	45	00
Shortt, Mary A.	103	45	00
Sutherland, Jessie C.	103	45	00
Treen, Lulu B.	100	43	68
Turner, Josephine	102	44	56

Vance, Luella	103	45	00
Whidden, Carletta	103	45	00
Whidden, Carletta (Lib)		5	00
Blackmore, Evelyn	103	30	00
Bradley, Nina	103	30	00
Clarke, Edith.	103	30	00
Cox, Amelia J.	103	30	00
Cooke, Myrtle Lena	103	30	00
Dickie, Ada B.	103	30	00
Erskine, Alexandra	103	30	00
Finlay, Ida	103	30	00
Fraser, Roxie May	103	30	00
Kelly, Jennie C.	103	30	00
Lynds, Carrie W.	94	27	37
Langille, Hazel	99	28	82
McKay, Anna M.	103	30	00
McLeod, Susie	102	29	70
Stevens, Minirva	103	30	00
Swinehamer, Lila	103	30	00
Sparks, Kathleen	103	30	00
Vance, Flora B.	102	29	70
Wright, Bertha	103	30	00
Wright, Bertha (RS)		15	00

Poor Sections.

Blaikie, Florence	84	32	62
Cavanagh, Alice	102	39	61
Ellis, Marguerite	103	40	00
Hayman, Henrietta	83	32	23
Jollymore, Agnes	54	20	97
Lockhart, Florence	99	38	45
Mason, Sadie J.	97	37	67
Simpson, Mildred	68	26	40

Annuitants.

Calkin, J. B.	270	00	
Archibald, Janet		45	00

COLCHESTER NORTH.

Borden, Isabel	103	60	00
McKay, Lena Annie	103	60	00
Thompson, Libbie May	103	60	00
Drysdale, Carrie M.	102	44	56
Gray, Mary Ethel	103	45	00
Harris, Mattie T.	103	45	00
Matheson, Georgie C.	103	45	00
Mattatall, Violet	103	45	00
McIntosh, Laura	103	45	00
McKay, Minnie	103	45	00
McKay, Marion	103	44	12
McRae, Roderick	101	27	62
Nelson, Nancy	63	30	00
Carter, Ralph	103	29	56
Currie, Marjorie	101	11	39
Forbes, Olive T.	39	30	00
Hamilton, Edyth	103	10	76
Jollymore, Agnes	37	30	00
Little, Bertha	103	29	41
McKay, Janetta A.	101	30	00
McLeod, Christina	103	30	00
McLeod, Marion	103	30	00

Nelson, Etta V.	101	29	41
Semple, Cecelia J.	103	30	00
Thompson, Ada K.	97	28	24
Wilson, Anna M.	30	8	73

CUMBERLAND.

Lay, E. J.	102	105	00
Logan, Bessie	102	94	41
Morehouse, F. G.	102	94	41
Evans, Laura	102	78	68
Rafuse, Gertrude	101½	73	89
Atkinson, Florence	102	59	41
Blanche, Julia	102	59	41
Boss, Maud	102	59	41
Brannen, W. E.	102	59	41
Brownell, Grace	103	60	00
Campbell, Helen J.	74	43	09
Carter, Lillian G.	102	59	41
Chandler, Isabella I.	102	59	41
Chapman, Myra	102	59	41
Clarke, Adelia M.	103	60	00
Conway, Isabella	102	59	41
Craigie, A. W.	103	60	00
Crawford, R. D.	101	59	83
Custance, Sara	103	60	00
Giles, Estella	102	59	41
Glennie, Emma	102	58	41
Gunn, Helen C.	103	60	00
Gunn, Helen C. (Lib)		5	00
Harrison, Ruby	102	59	41
Harrison, Edna M.	102	59	41
Hill, Clara	94	54	74
Landells, Erminia G.	103	60	00
Marston, Hazel	102	59	41
McCleave, R. D.	102	59	41
McLean, Pearl	70	40	77
McLean, Viola B.	103	60	00
McNeill, Bessie	102	59	41
McPherson, Leona	102	59	41
Moore, Ralph B.	103	60	00
Murray, Alexandra	102	59	41
Nichol, Leon L.	78	45	42
Patton, Mary E.	102	59	41
Pugsley, Chester	23	13	39
Purdy, Pearl	103	60	00
Reade, Elizabeth	102	59	41
Reynolds, E. J.	103	60	00
Ring, V. M.	103	60	00
Sinclair, Willena	101	58	83
Smith, Margaret	103	60	00
Sproule, Lottie	100	58	25
Suthergreen, Elaine	98	57	07
Tanner, Gladys I.	103	60	00
Travis, Agnes	102	59	41
Trerice, Marv	89	51	83
Watt, Beatrice	102	59	41
Webb, Hattie	102	59	41
Whitman, Carrie	103	60	00
Baird, Jean	102	44	56
Beaton, Margaret	103	45	00
Brown, Mabel E.	103	45	00
Brownell, Myrtle	103	45	00
Brundage, Katherine	101	44	12
Clarke, Elizabeth J.	102	44	56
Craig, Muriel E.	102	44	56
Creelman, Jean	102	44	56
Crossman, Edna	103	45	00
Davison, Nina E.	102	44	56
Fillmore, Bessie M.	97	42	37
Fraser, Ida J.	102	44	56

Poor Sections.

Cameron, Ethel E.	98	38	06
Mattatall, Greta M.	103	40	00
McKinnon, Margaret E.	103	40	00
Roberts, Katherine	101	39	22

COLCHESTER WEST.

Brown, Bertha M.	103	60	00
Baizley, Abbie B E	49	28	53
Brown, Delia	103	60	00
Brown, Delia (Lib)		5	00
Davidson, Edna	103	60	00
Main, Mildred	103	60	00
Morse, E. P.	103	60	00
McGregor, Edith	103	60	00
McGregor, Edith (Lib)		10	00
Peppard, Ruth R.	103	60	00
Crowe, Elizabeth R.	53	23	15
Drysdale, Janet R.	103	45	00
Fulmore, Della M.	102	44	56
Grant, Etta W.	103	45	00
Lewis, Hattie B.	102	44	56
Morash, Isabel L.	103	45	00
Morrison, Ida M.	102	44	56
O'Connell, Mary J.	103	45	00
Ripley, Jennie C.	96	41	93
Blackhouse, J. A.	103	30	00
Brown, Rosie O.	103	30	00
Crittenden, Edith A.	103	30	00
Campbell, Margaret P.	103	30	00
Fisher, Marion	103	30	00
Huntley, Ida M.	103	30	00
Johnson, Pearle	98	28	53
Cail, Deborah	39	11	35
Moore, Fred L.	103	30	00
McCully, Florence J.	103	30	00
McLellan, Rose A.	103	30	00
McLellan, Ada Jean	89	25	91
McLaughlin, Erma	54	15	72
Patriquin, E. Muriel	103	30	00
Reid, Ida May	103	30	00
Smith, Alberta I.	103	30	00
Spencer, Robt. A.	101	29	41
Spencer, Robt. A. (Lib)		5	00
Laggart, Lily M.	103	30	00
Vance, Emma Maud	48	13	97

Poor Sections.

Boyd, Margaret	102	39	61
Urquhart, Gertrude	101	39	22
Wilson, Bertha M.	103	40	00

Consolidation.

Great Village	103	30	00
---------------	-----	----	----

Freeman, Jennie	69	30	13	Chapman, Eva	103	30	00
Gallager, Adelaide	101	44	12	Christie, Stella S.	102	29	70
Glennie, Edith	102	44	56	Crossman, Irene	103	30	00
Graham, Agnes G.	103	45	00	Crawley, Madeline H.	103	30	00
Hall, Mabel	102	44	56	Davidson, Enid K.	103	30	00
Hennesey, Elva G.	103	45	00	Davidson, Edith	103	30	00
Jeffers, Myrtle	103	45	00	DeMings, Isa C.	103	30	00
Jones, Edna	21	9	16	Dench, Susie	103	30	00
Langille, Annie M.	103	45	00	DeWolfe, Hazel	102	29	70
Langille, Hilda B.	102	44	56	Dickinson, Carrie E.	102	29	70
Lockhart, Annie J.	103	45	00	Dickson, Elva M.	98	28	53
Lockhart, Annie J. (R S)		10	00	Donalds, Elizabeth	103	30	00
MacDonald, Mary	102	44	56	Donkin, Nellie E.	103	30	00
Matheson, Mary C.	102	44	56	Edgett, Minnie	102	29	70
Matheson, Laura	102	44	56	Elderkin, Winnifred	103	30	00
McCullum, Alberta M.	98	42	80	Fage, Lillie	103	30	00
McEachern, Katherine	102	44	56	Farrell, Annie	102	29	70
McGregor, Jean	102	44	56	Fullerton, Sydney	3		87
McIntosh, Jessie B.	69	30	13	Gray, Edna A.	103	30	00
McIvor, Ethel J.	99	43	24	Harpell, Annie B.	103	30	00
McKim, Rachel	103	45	00	Harrison, Gwendoline	103	30	00
McLeod, Georgina	101	44	12	Herrett, J. Leigh	103	30	00
McPhee, Teresa	102	44	56	Hickey, Lizzie E.	103	30	00
Milner, Mildred	103	45	00	Hunter, Eva	103	30	00
Morash, Georgina B.	102	44	56	Hunter, Winnifred	24	6	98
Morris, Annie F.	101	44	12	Isenor, Cora B.	102	29	70
Mosher, Susie	102	44	56	Jarvis, Myrtle	100 $\frac{1}{2}$	29	27
Moss, Winnie	102	44	56	Keith, Ethelberta J.	103	30	00
Murray, Christina	103	45	00	Landels, Helen	102	29	70
O'Brien, Agnes	103	45	00	Lawson, Edith	102	29	70
O'Brien, R. B.	102	44	56	Lorrimer, Minnie	102	29	70
O'Rourke, Mary	102	44	56	Lowther, Anna H.	103	30	00
Ripley, Ada E.	102	44	56	Marsh, Edith G.	102	29	70
Roach, Bessie	103	45	00	Marsh, Edith G. (R S)		15	00
Roach, Lena	103	45	00	Matheson, Maude	102 $\frac{1}{2}$	29	85
Roberts, Minnie E.	103	45	00	Mattinson, Bertha	103	30	00
Slade, Almira F.	101	44	12	McDonald, Annie	102	29	70
Smith, Mamie G.	98	42	80	McDougall, Margaret	101 $\frac{1}{2}$	29	56
Sproule, Kathleen	92	40	18	McIntosh, Lulu M.	92 $\frac{1}{2}$	26	94
Stevenson, Dora	102	44	56	McIvor, Edith P.	103	30	00
Tabor, Clara	102	44	56	McKeil, Linda B.	100	29	12
Tait, Nellie	102	44	56	McKenzie, Carrie E. V.	103	30	00
Trerice, Ruth	66	28	83	McLelan, Hazel	103	30	00
Watt, Daisy	102	44	56	Miller, Lillian G.	101	29	41
Atkinson, G. C.	24	6	98	Morris, Mayzod, B.	103	29	70
Angus, Edith M.	103	30	00	Newcombe, Lauris J.	102	29	70
Archibald, Violet	103	30	00	O'Brien, Lena J.	99	28	82
Austin, Florence	103	30	00	Parker, Hettie E.	101	29	41
Ayer, Violet B.	47	13	68	Paul, Susie	102	29	70
Baillie, Mary J.	102	29	70	Paul, Gertrude	102	29	70
Beaton, Henrietta	102	29	70	Peacock, Jennie	101	29	41
Beattie, Jean	103	30	00	Pettygrew, Ellen	103	30	00
Beebe, May S.	102	29	70	Rooney, Lottie	102	29	70
Plack, Grace	103	30	00	Rose Anna M.	103	30	00
Brenton, Florence	102	29	70	Scott, Henrietta B.	103	30	00
Brownell, Emma	103	30	00	Seaman, Mildred	102	29	70
Brownell, Alice M.	102	29	70	Smith, Minerva G.	103	30	00
Brownell, Etta	98	28	53	Smith, Bessie K.	101	29	41
Campbell, Lulu	102	29	70	Steele, Beatrice	100	29	12
Cameron, Mary I.	96	27	95	Stewart, Margaret	101	29	41
Cameron, Mayme D.	103	30	00	Tabor, Grace	102	29	72
Canning, Minnie C.	103	30	00	Taggart, Evelyn	103	30	00
Carter, Lulu	103	30	00	Thompson, Flora	102	29	70
Chapman, Annie	103	30	00	Welsh, Roxie	103	30	00

Poor Sections.

Brundage, Teresa	103	40	00
Gordon, Gaynelle	103	40	00
Jeffers, Gussie	99 $\frac{1}{4}$	38	64
McDougall, Iva M.	99	38	45
McLaughlin, Bertha E.	101	39	22
McLeod, Fauletta	96	37	28
McNutt, Lucy D.	103	40	00
McPherson, Edna M.	93	36	11
Patton, Lottie	102	39	61
Rogers, Lena	102	39	61
Teed, Ruby E.	97	37	67
Yorke, Lillian E.	103	40	00

Slocum, Leah	103	40	00
Ward, Nema C.	102	39	61

Special Poor Sections.

New Yarmouth	60	00
West Apple River	50	00

Consolidation.

Wentworth	30	00
Advocate	30	00

Annuitants.

Charman, Mary E.	60	00
Charman, Eliza G.	45	00

PARRSBORO.

Foster, M. C.	103	105	00
Roy, Lida J.	102 $\frac{1}{2}$	74	62
Atkinson, Ruby E.	103	60	00
Cameron, Emily W.	103	60	00
Cameron, E. W. (Lib)		5	00
Gallagher, Violet L.	103	60	00
Hemmeon, Elizabeth	103	60	00
Kennedy, Gladys B.	102	59	41
Lavers, Winnifred G.	103	60	00
Lavers, W. G. (R S).		15	00
Leitch, Holly A.	103	60	00
O'Regan, Ellen A.	103	60	00
O'Regan, E. A. (R S)		15	00
O'Mullin, Mary E.	103	60	00
Smith, Mamie K.	103	60	00
Smith, Ada H.	103	60	00
Titus, Lorne F.	102	59	41
Titus, L. F. (Lib)		10	00
Walton Lillian	103	60	00
Bird, Vera	102	44	56
Challen Minnie	103	45	00
Copp, Mary E.	103	45	00
Kerr, Minnie G.	103	45	00
Marshall, Lettie	103	45	00
Patterson, Florence	100	43	68
Salter, Vivian	103	45	00
Salter, V. (R S)		10	00
Ward, Cora B.	103	45	00
Barteaux, Florence	103	30	00
Benjamin, Robert	103	30	00
Boyd, J. Blanche	103	30	00
Bird, Elsie E.	102	29	70
Canning, Fannie E.	103	30	00
De Mille Beulah M.	60	17	47
Graham, Iva M.	103	30	00
Hunter, W. P.	78	22	71
Knowlton, Rose P.	103	30	00
MacKay, Ethel A. M.	103	30	00
Newcombe, Kate	103	30	00
Quinn, Dora M.	103	30	00
Quinn, D. M. (R S)		15	00
Roberts, Vivian A.	103	30	00
Patterson, Clare	102	29	70
Sutherland, Jean S.	97	28	24
Wood, Walter, A.	102	29	70

DIGBY.

Coulter, Christina S.	103	90	00
Belliveau, Marie Ann	101	58	83
Bowly, Lila M.	103	60	00
Churchill, Gordon H.	103	60	00
Churchill, Gordon H. (Lib)		10	00
Chute, Flossie H.	103	60	00
Crawford, Florence M.	101	58	83
Crowell, Deborah (C H)	102	59	41
d'Entremont, Hattie L.	103	60	00
Franklin, Alma M.	103	60	00
Gower, Ina L.	103	60	00
Hayford, Albert C.	103	60	00
Hicks, Blanche G.	103	60	00
Hines, Bertha M.	103	60	00
Hogg, Nathaniel W.	103	60	00
Lent, Minnie C.	103	60	00
Lent, Nellie I.	103	60	00
Lombard, Marie A.	103	60	00
Melanson, Frank E.	103	60	00
Nichols, Harriet E.	103	60	00
Parker, Lottie C.	103	60	00
Parker, Lottie C. (Lib)		5	00
Payson, H. Francklin	102	59	41
Payson, H. Francklin (Lib)		5	00
Robbins, Myrtle J.	103	60	00
Sister M. Cecile	103	60	00
Sister M. Madeline	103	60	00
Sister M. Norbert	103	60	00
Troop, Winnifred G.	103	60	00
Turnbull, Bessie B.	103	60	00
Amirault, Ambrosine J.	103	45	00
Amirault, M. Isabelle	103	45	00
Belliveau, Antoinette	103	45	00
Bishop, Josephine	103	45	00
Bourneuf, Emma	103	45	00
Bower, Elizabeth F.	103	45	00
Comeau, M. Aimce	103	45	00
Comeau, M. Eugenie	103	45	00
Doucet, M. Adele	103	45	00
Doucet, Jos. P.	102	44	56
Doucet, M. Elizabeth	102	44	56
Dugas, Aggie	103	45	00
Harris, Nellie M.	103	45	00
LeBlanc, M. Sara	103	45	00

Poor Sections.

Bowden, Rose E.	102	39	61
Canning, Harold	103	40	00

Murphy, Annie O	103	30	00
Mitchell, Britt	103	30	00
Myers, Marion S.	103	30	00
McLellan, Addean	103	30	00
McLean, Catherine A.	99	28	82
McLean, Catherine	102	29	70
O'Brien, Evelyn M.	50	14	56
O'Connor, Gladys M.	103	30	00
Renny, Margaret M.	91	26	50
Reynolds, Cynthia	103	30	00
Smith, Eva I.	43	12	52
Stewart, Catherine J.	103	30	00
Tate, Catherine A.	103	30	00
Worth, Anna B.	103	30	00

Poor Sections.

Fitzgerald, Annie	59	22	91
Hattie, Viola J.	95	36	89
Halfpenny, Viva	78	30	29
Horton, Myrtle C.	98	38	06
Kennedy, M. Teresa	103	40	00
Lawlor, Monica	102	39	61
Murphy, Elizabeth C.	102	39	61
Rogers, Isabella	93	36	11
Strahan, Mary A.	103	40	00
Wilson, H. Florence	103	40	00

Special Poor Sections.

McLean Hugh	29	71	
Hannifen, Maggie	30	00	

ST. MARY'S.

Irwin, Margaret J.	103	60	00
Langley, Hebert E.	103	60	00
McLeod, Gretha L.	103	60	00
Murray, Annie L.	103	60	00
Deckman, Clara E.	103	45	00
Hewitt, John D.	103	45	00
Hewitt, Martha	103	45	00
McNaughton, D. P.	103	45	00
Pye, Hazel Willena	103	45	00
Stewart, Sadie D.	97	42	37
Cameron, Flora E. M.	102	29	70
Chisholm, Elizabeth K.	103	30	00
Fenton, Annie M.	103	30	00
Hartling, Mary A.	101	29	41
Hartling, Minnie F.	103	30	00
Jollata, Edna M.	102	29	70
Jones Clara M.	103	30	00
McKay, Catherine	102	29	70
McGregor, Minnie	102	29	70
Manson, Agnes K.	99	28	82
Worth, Josie L.	103	30	00

Poor Sections.

Cameron, Ruth I.	103	40	00
Fisher, Clara I.	92	35	72
Fisher, Clara I.	88	34	17
McConnell, Myrtle L.	103	40	00
Smith, Laura E.	103	40	00

Special Poor Section.

Solomon, Craft	103	30	00
----------------	-----	----	----

HALIFAX CITY.

McKay, A.	103	105	00
Morton, S. A.	98	90	00
Logan, J. W.	98	90	00
Mackintosh, S. K.	98	90	00
Trefry, J. H.	98	90	00
Bancroft, G. R.	98	90	00
Peters, F. A.	98	60	00
Freeman, I. C.	98	30	00
MacDonald, E. M.	98	45	00
Agnes, Sr.	39	28	38
Bayer, H. M.	103	75	00
Blois, H. H.	103	90	00
Brunt, H. D.	103	90	00
Butler, G. K.	99	90	00
Cummings, E.	103	75	00
Evaristus, Sr.	103	90	00
Fitzgerald, Mme	103	75	00
Gervase, Sr.	59	42	94
Haverstock, A. M.	103	75	00
Huggins, G. M.	103	75	00
Maria, Sr.	103	75	00
Marshall, G. R.	103	90	00
Matheson, D. J.	103	90	00
Matheson, D. M.	102	75	00
Murray, Mme	103	75	00
O'Hearn, P.	103	90	00
Rosaire, Sr.	103	75	00
Vincent, Sr. M.	103	75	00
Agnes, Sr.	103	60	00
Agnita, Sr.	103	60	00
Allen, M. E.	103	60	00
Archibald, S. M.	103	60	00
Armitage, H. D. A.	103	60	00
Berchmans, Sr.	103	60	00
Blakeney, B. H. V.	103	60	00
Bowden, I. M.	103	60	00
Bowden, L. J.	103	60	00
Brims, M. C.	103	60	00
Brodie, I.	103	60	00
Brown, M. L.	40	23	30
Burgoyne, A. V.	103	60	00
Cecilia, Sr.	103	60	00
Clark, L. G.	103	60	00
Concepta, Sr.	103	60	00
Conrad, E. M.	103	60	00
Cunningham, A. M.	103	60	00
De Chantal, Sr. F.	103	60	00
De Chantal, Sr. M.	74	43	09
Delhanty, K.	103	60	00
Dempsey, I. B.	103	60	00
Distant, M. L.	103	60	00
Dolorita, Sr.	103	60	00
Dwyer, M. T.	103	60	00
Edwina, Sr.	103	60	00
Ernestine, Sr.	103	60	00
Ethelbert, Sr.	74	43	09
Ethelred, Sr.	103	60	00
Florence, Sr.	103	60	00

Flowers, E. M.	103	60	00	Felix, Sr.	103	45	00
Flowers, H. L.	103	60	00	Finn, Mme.	51	22	27
Francis, Sr.	40	23	30	Gualbert, Sr.	103	45	00
Fraser, W. M.	103	60	00	Grierson, F.	103	45	00
Fry, B. E.	103	60	00	Grierson, M. H.	103	45	00
Greig, L. C.	103	60	00	Hamilton, H. H.	103	45	00
Harlow, A. O.	103	60	00	Hartigan, Sr.	103	45	00
Hazle, E. M.	84	48	92	Hartling, N. J.	103	45	00
Hennigar, M.	103	60	00	Healy, K. E.	103	45	00
Hiltz, A. S.	103	60	00	James, C. A.	103	45	00
Holder, E. G.	99	57	66	Jamieson, H. I.	103	45	00
Ignasia, Sr.	103	60	00	J. Baptist, Sr.	103	45	00
Kelly, Mme	103	60	00	Joseph, Sr.	103	45	00
Kenny, M. B. D.	103	60	00	Kennedy, M. C.	103	45	00
Keirstead, D. F.	103	60	00	Leo, Sr.	103	45	00
Laracy, A. X.	103	60	00	Logan, A.	103	45	00
Leontine, Sr.	103	60	00	Lyall, B. H.	103	45	00
Lockward, G. E.	103	60	00	Lyons, M.	44	19	21
Longueil, E.	103	60	00	McArthur, J. R.	103	45	00
Marshall, L. E.	103	60	00	McDermott, Mme.	49	21	40
Mason, B. E.	103	60	00	McDonnell, Mme.	103	45	00
Morrison, E. J.	103	60	00	McGill, F.	103	45	00
Mosher, C. M.	103	60	00	McGillivray, F. G.	103	45	00
O'Brien, M. A.	103	60	00	MacLean, A.	103	45	00
Palmer, G. L.	103	60	00	Marryatt, I. M.	103	45	00
Peart, A. H.	103	60	00	Martin, M. I.	103	45	00
Phelan, M. F.	103	60	00	Mary, Sr.	103	45	00
Phillips, C. B.	64	37	27	Maskell, E. A.	103	45	00
Pius, Sr.	103	60	00	Maxwell, J. M.	103	45	00
Publicover, L. D.	103	60	00	Mitchell, L. E. J.	103	45	00
Pye, E. C.	103	60	00	Mooney, E. M.	103	45	00
Ross, E. J.	103	60	00	O'Donohue, M. T. T.	103	45	00
Saunders, A. C.	103	60	00	Perpetua, Sr.	103	45	00
Sanders, K. O.	103	60	00	Phelan, F. J.	99	43	24
Shields, E. G.	103	60	00	Publicover, J. E.	103	45	00
Shields, S. W.	103	60	00	Putnam, A. F.	103	45	00
Sims, S. A.	103	60	00	Remigius, Bro.	103	45	00
Smith, S. B.	103	60	00	Rita, Sr.	103	45	00
Sullivan, Mme.	103	60	00	Rockett, M. M.	103	45	00
Sylvester, G. M.	103	60	00	Ross, Carrie E.	103	45	00
Theakston, H. S. F.	103	60	00	Strattan, E.	103	45	00
Thompson, F.	103	60	00	Sullivan, M.	103	45	00
Tulloch, M. E.	103	60	00	Sullivan, M. T.	103	45	00
Trefry, E. C.	103	60	00	Sullivan, M. T. R.	103	45	00
Tynan, J. C.	103	60	00	Theakston, S. E.	103	45	00
Vincent, Sr. T.	103	60	00	Travis, A. A.	103	45	00
Wakeley, A. C.	103	60	00	Trivett, M. E.	103	45	00
Wallace, E. M.	103	60	00	Vaughan, E.	103	45	00
Wickwire, A. L.	103	60	00	Vincent, Sr. R.	103	45	00
Wiswell, I. M.	103	60	00	Walsh, A. M.	103	45	00
Wolfe, H. F.	103	60	00	Warner, M. F.	103	45	00
Woolrich, M. E.	103	60	00	Wells, C.	103	45	00
Ackhurst, M. L.	103	45	00	Wells, M. H.	103	45	00
Angelorum, Sr.	103	45	00	Willis, E. J.	103	45	00
Bayer, A. L.	103	45	00	Foley, I.	29	8	44
Bernard, Sr.	103	45	00	Gerald, Sr.	64	18	63
Blakeney, E. M.	103	45	00	Jemmott, M. F.	103	30	00
Blois, E. H.	102	44	56	Kennedy, W. M.	103	30	00
Carmel, Sr.	103	45	00	O'Brien, N. E.	59	17	17
Catherine, Sr.	103	45	00	Patrick, Bro.	103	30	00
Christina, Sr.	103	45	00	Sweeney, M.	103	30	00
Cunningham, E. S.	103	45	00	Umlah, A. L. B.	40	11	65
Curren, E. M.	103	45	00				
DePazzi, Sr.	103	45	00				
Delphine, Sr.	39	17	03				
Devine, M. E.	103	45	00				
				Assistant.			
				Phinney, E. C.	51	14	85

Annuitants.

Hall, H. McG.	60	00
Torrey, C. E.	45	00
Gossip, C. M.	30	00
Creighton, I. M.	60	00
Johns, M. A.	45	00
Gaul, R. E.	60	00
Wier, Lewis	45	00
Harrigan, Catherine	45	00
Coleman, Hannah E.	45	00
Lyle, Emily R.	45	00
Waddell, W. H.	75	00
Broadhurst, M. E.	45	00

HALIFAX COUNTY.

Stapleton, W. C.	102	105	00
Walker, Mabel R.	103	75	00
Balcom, Hilda B.	103	60	00
Bell, Mary F.	102	59	41
Cameron, S. E.	102	59	41
Creighton, Frances G.	102	59	41
Cunningham, M. Jane	103	60	00
Davis, Mabel Louise	103	60	00
DeVan, Nano	101	58	83
Dowell, Vera B.	100½	58	54
Elliott, Vera Elizabeth	103	60	00
Hamilton, Mary A.	102	59	41
Hiltz, Ethel M.	102	59	41
Hiltz, Mary C.	102	59	41
Miller, Florence M.	102	59	41
Moseley, Mabel C.	102	59	41
Murchy, B. Alice	103	60	00
Ogilvie, Bessie Rosamond	103	60	00
Prescott, Alice	102	59	41
Shaffelburg, Ada L.	102	59	41
Smith, Gladys May	103	60	00
Scott, Catherine	97	56	49
Archibald, Gertrude	103	45	00
Balcombe, Florence C.	103	45	00
Barron, Margaret	103	45	00
Bates, Esther S.	98	42	80
Bentley, Bessie Creighton	103	45	00
Cox, Jeanetta	103	45	00
Cox, Sara Elizabeth	103	45	00
Craig, Jean M.	53	23	15
Cruikshank, Pearl E.	103	45	00
DeVan, Eileen Margaret	102	44	56
Dickie, Gertrude	103	45	00
Dickie, Mabel B.	103	45	00
Fahie, Margaret	103	45	00
Faulkner, Melissa A. O.	103	45	00
Findlay, Sadie	101	44	12
Foley, Ethel	103	45	00
Fraser, Mrs. Ellen J.	103	45	00
Fulton, Elivia Jean	101	44	12
Gallagher, Mildred Jean	103	45	00
Garrison, Vera G.	103	45	00
Graham, Myrtle E.	26	11	34
Guild, Ethel V.	98	42	80
Hamilton, Janet	103	45	00
Hume, Bessie W.	102	44	56
Hume, Mary Emma	102	44	56

Hurley, Kathleen V.	103	45	00
Laidlaw, Elizabeth	102	44	56
Lawrence, Jessie L.	103	45	00
Luscombe, Annie C.	103	45	00
Morash, Sara M.	103	45	00
Moseley, E. Ruth	103	45	00
Murray, Bertha F. J.	102	44	56
Myers, Jeanetta A.	103	45	00
Myers, Jeanetta A.	10	4	36
MacCarthy, Katherine	102	44	56
MacCarthy, Tena J. M.	102	33	46
McKenzie, M. Annie	102	44	56
McLeod, Beatrice	102	44	56
Noonan, Gertrude	103	45	00
Park, Marion	103	45	00
Parke, Nellie L.	103	45	00
Partridge, Ethel	102	44	56
Perry, Wm. Joseph	103	45	00
Roche, Mary	103	45	00
Siteman, Anna Belle	102	44	56
Smith, Alice M.	102	44	56
Smith, Isabella	102½	44	78
Thomas, Bessie	102	44	56
Tolson, Elizabeth A.	103	45	00
Vaughan, Kathleen	102	44	56
Webber, Joyce T. G.	103	45	00
Wier, Amelia	100	43	68
Allen, Effie V.	77	22	42
Archibald, Nellie	103	30	00
Balcombe, Rosa Kate	102	29	70
Blakney, Laura	103	30	00
Boutilier, Adelaide C.	103	30	00
Brady, Esther	103	30	00
Brown, Jessie Margaret	103	30	00
Burris, Annie	103	30	00
Campbell, Verna C.	103	30	00
Christie, Margaret A.	102	29	70
Conrad, Hazel B.	103	30	00
Cooke, Annie Edith	103	30	00
Corkum, Florence J.	31	9	02
Cornor, Bessie	103	30	00
Cox, Blanche Edith	103	30	00
Creighton, Lois Sutherl'd	49	14	26
Crooks, Hilda Gertrude	83	24	17
Cruikshank, Ida May	103	30	00
Cruikshank, Mary M.	103	30	00
Curry, Emma A.	103	30	00
Dickie, Maude I.	103	30	00
Drysdale, Annie J.	103	30	00
Etter, Florence Evelyn	103	30	00
Gillis, Emma C.	37	10	76
Goff, Flora M.	98	28	53
Gourley, Margaret J.	102	29	70
Gray, Cecilia, Jane	103	30	00
Greenough, Sophia C.	98	28	53
Guild, Ethel G.	103	30	00
Harpell, Cora May	98	28	53
Hawboldt, Ida E.	103	30	00
Hawcs, Susan	100	9	12
Hilchie, Nellie M.	83	24	17
Hilchie, Stella B.	102	29	70
Hublely, Minnie M.	103	30	00
James, Cora Viola	103	30	00
Jewers, Annie Mae	103	30	00
Josey, Ansel L.	103	30	00
Julien, Emma B.	103	30	00

Keeler, Celia Constance	103	30 00
Kennedy, Irene Lucy	103	30 00
Kent, Adella	53	15 43
Kent, C. Winnifred	102	29 70
Killen, Marguerite E.	103	30 00
Leslie, Esther L.	103	30 00
Lowe, Katherine	103	30 00
Lowndes, Vera E.	17	4 94
Martin, Katie L.	102	29 70
Mason, Guy	98	28 53
Moren, Laura Bell	103	30 00
Murphy, Clarence D.	103	30 00
Murphy, Edna Florence	103	30 00
Myers, Florence	24	6 98
Myers, Roxie Elizabeth	103	30 00
MacDonald, Laura M.	102	29 70
MacKay, Katherine M.	103	30 00
MacKintosh, M. Bessie	103	30 00
McLean, Helen Jean	102	29 70
McLeod, Ellen Jean	103	30 00
McPhail, Annie	103	30 00
MacPherson, Gertrude	103	30 00
Owen, Hilda	103	30 00
Punch, Katherine	103	30 00
Ritcy, Augusta O.	102	29 70
Ritcy, Jean Lois	102	29 70
Saulnier, Pauline M.	103	30 00
Schultz, Jessie E. M.	103	30 00
Shaw, Selena E.	97	28 24
Sibley, Mary G.	98	28 53
Stoddard, Lena S.	86	25 04
Sutherland, Grace	102	29 70
Thompson, Sadie	30	8 73
Townsend, Dorothy	103	30 00
Urquhart, Nellie L. I.	103	30 00
Webber, Myrtle E.	102	29 70
White, Emma Louise	102	29 70
Yeadon, Ida Mae	103	30 00
Yeadon, Vera May	103	30 00
McPhail, Marg. Grace	34	9 89
Smith, Eunice G.	65½	19 07
Moseley, Mabel C. (R S)		15 00
Hiltz, Ethel M.		15 00
McKenzie, M. Annie (R S)		15 00

Poor Sections.

Beck, Estella May	103	38 30
Benvie, Annie May	103	38 30
Campbell, Christena	90	33 45
Clattenburg, Melda	103	38 30
Corkum, Florence J.	100	37 18
Cornor, Ella	103	38 30
Creighton, Edith M.	53	19 69
Elliott, Ruth	48	17 83
Godwin, Edith Louise	60	22 30
Havill, Mary B. S.	99	36 78
Hawkins, Florence Adelia	35	13 00
Isenor, Thelma A.	46	17 09
Jones, M. Eleanor	103	38 30
Josey, Leona Nancy	103	38 30
Kearns, Mary Elizabeth	88	32 70
Lay, Marguerite	28	10 40
Marsman, Keren I.	99	36 78
Myers, Bertha F.	98	36 41
McPhail, Margaret	103	38 30

Parlee, Alwilda M.	103	38 30
Scott, Annie M.	64	23 78
Upshaw, Ethel I.	103	38 30
Veith, Jennie C. L.	28	10 40

Annuitants.

Miller, George J.		240 48
Herdman, W. C.		60 00
Mary Ann, Sister		60 00
Bacon, Amelia		30 00
Gibbons, John		30 00

HANTS WEST.

Dill, Geo. W.	103	105 00
Patterson, Mabel A.	102	90 00
Smith, John A.	102	105 00
Lawrence, Abbie B.	27	19 64
Scott, Agnes B.	102	74 26
Angus, Edgar I.	100	58 25
Black, Pearl McK.	102	59 41
Crawford, C. Rae	103	60 00
Davidson, Bieco J.	103	60 00
Davies, Kathleen	103	60 00
Demmons, Mona	100	58 25
Dodge, Lila J.	103	60 00
Lantz, Helena M.	103	60 00
Lantz H. M. (R S)		15 00
Lockhart, Eva Bessie	103	60 00
Lockhart, E. Bessie (Lib)		5 00
Lockhart, Bessie B.	100	58 25
Marshall, Mabel	103	60 00
Munro, Mary E.	103	60 00
McCurdy, Helen	102	59 41
McLellan, Mary	102	59 41
Nowlin, Elsie M.	67	39 02
Munn, May E.	103	60 00
Simm, Ada A.	103	60 00
Baxter, Mabel C.	103	45 00
Bennett, Hannah	99½	43 46
Boyle, Harriett	103	45 00
Burgoyne, Naomi	102	44 56
Caldwell, Melda	103	45 00
Caldwell, Winnie	94	41 06
Campbell, Margaret	103	45 00
Dimock, Annie A.	102	44 56
Fraser, Daisy R.	103	45 00
Goudey, Emily F.	102	44 56
Jenkins, Gerald	102	44 56
Kelly, Minnie, A.	102	44 56
Lynch, Jessie A.	102	44 56
Lantz Elsie C.	103	45 00
Lantz, Elsie C. (R S)		15 00
Lawrence, Lilie F.	103	45 00
Marshall, Ida M.	103	45 00
Mariette Emma	97	42 37
McDonald, Katherine	103	45 00
Palmer, Queenie	103	45 00
Parsons, Harriett	102	44 56
Salter, Hattie M.	103	45 00
Smith, Eva N.	103	45 00
Sturk, John N.	103	45 00
Sweet, Annie E.	102	44 56

Underwood, Elizabeth	103	45	00
Card, Marjorie F.	64	18	63
Crouse, Gertrude	103	30	00
Davidson, Rebecca	102	29	70
Duff, Jessie J.	103	30	00
Haley, Edythe, M.	103	30	00
Hale, Sadie E.	102½	29	85
Hanna Ellen B.	103	30	00
Laws, Lillian	102	29	70
McCallum, Mabel	103	30	00
Platt, Gwladys M.	91	26	50
Reynolds, Georgie	103	30	00
Sanford, Gracie	100	29	12
Vaughan, Cora	103	30	00

Poor Sections.

Ballou, Stella	102	39	61
Barrett, Mary E.	95	36	89
Brown, Sarah	103	40	00
O'Donnell, Teresa	103	40	00
Turpel, Viola	102	39	61
Underwood, Ruth	103	40	00

HANTS EAST.

Logan, Jessie B.	103	75	00
Beckwith, Florence	101	58	83
Chase, Gertrude M.	103	60	00
Dickie, Lillie A.	98	57	07
Fox, Miriam	103	60	00
Fulton, Elsie L.	102	59	41
Goodwin, Alberta	103	60	00
Holesworth, Mabel	103	60	00
Langille, Emory	103	60	00
MacDougall, Myrna	103	60	00
McKinnon, J. J.	103	60	00
O'Brien, Ellen J.	103	60	00
Webster, Abbie, R.	101	58	83
Weldon, Georgie	103	60	00
Blois, Cassie	103	45	00
Fisher, Mildred	103	45	00
Loughead, Annie C.	103	45	00
McDougall, Lorine	103	45	00
McDougall, Lois	37	16	15
McDougall, Edith	102	44	56
McLellan Annie	103	45	00
O'Brien Hazel B.	99½	43	46
Phillips, Janet R.	103	45	00
Shipley, Mary H.	103	45	00
Spares, Sadie J.	103	45	00
Wallace, Ellen	102	44	56
Weatherhead, Jessie	103	45	00
Withrow, Elsie	103	45	00
Withrow, Mary L.	103	45	00
Withrow, Adelia	103	45	00
Bradshaw, Janet	103	30	00
Bradshaw, Isobel	103	30	00
Bryson, Sadie	103	30	00
Cole, Lydia M.	102	29	70
Crowell, Gertrude	95	27	66
Dechman, Marion	102	29	70
Fox, Evelyn Vera	103	30	00
Harvey, Florence M.	101	29	41
Isenor, Olive A.	103	30	00
Laurie, Mary A.	98	28	53

Melvyn, Wilhemina	102	29	70
MacDonald, Jean B.	103	30	00
MacDonald, Elizabeth	103	30	00
McCulloch, Lucy	102	29	70
McLearn, Elizabeth	103	30	00
McNutt, Orpha	102	29	70
MacPhee, Rose	103	30	00
Ogilvie Gertrude	102	29	70
Parker, Laura D. B.	102	29	70
Reid, Annie	98	28	53
Sinclair, Margaret	101	29	41
Wood, Muriel L.	103	30	00

Poor Sections.

Brown, Helen F.	74	28	73
Grant, Sadie	44	17	09
Lynch, Pearl	24	9	32
Moore, Bertha	103	40	00
Parker, Inez M.	103	40	00
Reynolds Gertrude	100	38	83
Sim, Jennie P.	101	39	22
Sheehy, John Earl	103	40	00
Underwood, Josephine	102	39	61

Annuitants.

Goudey, Theodosia	60	00
Scott, Lily A.	60	00
Smith, Letson	60	00
Scott, Annie E.	45	00

INVERNESS SOUTH.

MacDonell, Pauline	103	105	00
Weatherbee, John A. T.	103	75	00
Hennessey, Eva	103	60	00
Hirtle, Roy J. E.	98	57	07
MacLellan, Mary Florence	103	60	00
Millett, R. Murray	103	60	00
Sister, St. Zephyrin	103	60	00
Smyth, Nora	103	60	00
Grant, Bertha A.	103	45	00
Grant, Edith E.	103	45	00
MacDonald, Mary	103	45	00
McDonald, Jessie	103	45	00
MacDonnell, Christina E.	103	45	00
MacDougall, Agnes	103	45	00
McLean, Edgar H.	99	43	24
Murphy, Mary M.	101	44	12
Sister, St. Mary	103	45	00
Sister, St. Olga	103	45	00
Sr. St. Philip	103	45	00
Beaton, Sarah Ann	98	28	53
Cameron, Mary Isabel	103	30	00
Cameron, William J.	103	30	00
Campbell, Katherine	103	30	00
Campbell, Lucy J.	103	30	00
Campbell, Margaret	103	30	00
Forbes, Wm. Kenneth	103	30	00
Gillis Mary Belle	103	30	00
Gillis, Mary C.	103	30	00
Graham, Katie M.	98	28	53
Hennigar, Grace D.	101	29	41

Holland, Catherine N.	103	30 00	Boudreau, Anselm C.	103	60 00
Kennedy, Mary M. A.	103	30 00	Gillis, Malcolm H.	103	60 00
Langley, Edna G.	103	30 00	Gillis, James D.	103	60 00
Langley, Gertrude	103	30 00	LeBlanc, John J.	103	60 00
MacDonald, A. Josephine	103	30 00	MacInnis, Robert J.	103	60 00
MacDonald, Flora E.	103	30 00	McLellan, Annie M.	103	60 00
MacDonald, Mary Bell	103	30 00	Sr. Mary St. Stephen	103	60 00
MacDonald, Alexander	103	30 00	Sr. St. Andrew	103	60 00
MacDonald, Katherine	103	30 00	AuCoin, James H.	103	45 00
MacDonald, Mary C.	103	30 00	AuCoin, Charles E.	49	21 40
MacDonald, Margaret F.	93	27 08	Blanchard, Annie J.	41	17 90
MacDonald, Mary Jane	103	30 00	Cameron, Christena	103	45 00
MacDonald, Mary A.	118	34 36	Chiasson, Ephraim	103	45 00
McDougall, Mary C.	103	30 00	Chisholm, Arch'd A.	103	45 00
MacGregor, Mary Annie	103	30 00	Coady, Francis P.	103	45 00
McIntosh, Catherine	101	29 41	Coady, Rebecca E.	102	44 56
McIntosh, Jessie A.	102	29 70	Doucet, Cecilia	101	44 12
MacKichan, K. Eva	103	30 00	Doucet, Dillina	103	45 00
McKinnon, Katherine M.	103	30 00	Doucet, D. 1st half year		14 86
MacLean, Effie Barbara	97	28 24	Gillis, Katherine	103	45 00
McLellan, Johanna	102	29 70	Gillis, Michael	103	45 00
MacNeill Mary A.	103	30 00	LeBlanc, Margaret H.	103	45 00
MacNeil Catherine	100	29 12	LeBlanc, Mary	103	45 00
MacPhail, Ellen S.	102	29 70	McDaniel, Sadie B.	103	45 00
McPherson, Sadie	103	30 00	MacDougall, Margaret	103	45 00
MacQueen, Alice	103	30 00	McDonald, Margaret M.	103	45 00
Martin, Cassie A.	102	29 70	McDougall, Katherine	103	45 00
Matheson, Katie S.	101	29 41	McKinnon, Mary C.	103	45 00
Ross, May Belle	103	30 00	MacLellan, J. Ronald	103	45 00
Watts, Ada Myrtle	103	30 00	McLellan, A. N.	103	45 00
Williams, Margaret	103	30 00	McLellan, Mamie	103	45 00
			MacQuarrie, Annie	103	45 00
			MacQuarrie, Annie 1st hf yr		15 00
			Sr. St. Mary Michael	103	45 00
			Tompkins, Rose Ellen	103	45 00
			Watson, Melissa	98	42 80
			AuCoin, Charles J.	103	30 00
			Cameron, Florence	103	30 00
			Cameron, F. (1st hlf yr)	89	25 91
			Campbell, Edward W.	103	30 00
			Chisholm, Christena Ann	103	30 00
			Chisholm, John A.	103	30 00
			Delaney, Matilda	103	30 00
			Forbes, Jessie A.	103	30 00
			Gillis, Ronald, A.	98	28 53
			Keenan, Katherine	103	30 00
			Kennedy, Murdoch D.	98	28 53
			LeBlanc, Paul F.	103	30 00
			Le Fort Michael C.	103	30 00
			LeVert, John	103	30 00
			MacGregor, Willena R.	99	28 82
			MacInnis, William H.	103	30 00
			McIsaac, Bessie	103	30 00
			McKinnon, Rod A.	103	30 00
			McLean, Duncan	103	30 00
			McLellan, Mary C.	103	30 00
			MacLellan, Sara A.	103	30 00
			McLellan, Josephine	102	29 70
			McLellan, J. (1st h. yr.)	93	27 08
			McLeod, Mary A.	103	30 00
			Miller, Christine J.	103	30 00
			Nicholson, Christena A.	102	29 70
			Ross, Jennie Hilda	103	30 00
			Sr. Mary Margaret	103	30 00
			Smith, S. Lorena	103	30 00
Poor Sections.					
Breen, Frances E.	77	27 29			
Chisholm, Cassie	99	35 08			
Chisholm, Mary	98	34 48			
Forbes, Margaret I.	103	36 53			
McDonald, Florence	103	36 53			
McDonald, Anna M.	103	36 53			
MacDonneld Katherine	103	36 53			
McKay, Sadie Belle	102	36 17			
McLean, Jessie Flora	94	33 32			
MacLeod, Annie T.	103	36 53			
Robertson, Mamie	86	30 48			
“ First Half Year		8 48			
Somers, Edith Frances	96	34 02			
Smyth, Philomena	101	35 81			
Annuitants.					
Chisholm, Duncan		60 00			
McQuarrie, Angus		30 00			
Davis, Mrs. Mary		30 00			
Special Poor Sections.					
Lake Horton.		50 00			
Skye Mountain		60 00			
Big Harbor Island		40 00			
INVERNESS NORTH.					
Arseneau, Florence	103	60 00			
Bishop, Emma E.	103	60 00			

Poor Sections.

Coady, Mary E.	100	35	46
Collins, Sadie K.	103	36	53
Doucet, Lucy F.	99	35	08
LeBlanc Thomas	103	36	53
McDonald, Christena	102	36	17
McKenzie, William D.	65	23	03
MacLean, Malcom H.	103	36	53
McLellan, Hugh	103	36	53
Mealing, Henry Cyril	88	31	18
Rankin, Mary J.	101	35	81

Martin, Clara	103	60	00
McRae, Alice	100	58	25
McKenzie, Marjorie	67	39	02
Neiley, Myrtle C.	103	60	00
O'Brien, Annie B.	103	60	00
O'Brien, Annie B. (Lib)		5	00
Ogilvie, Bertha C.	103	60	00
Parker, Ida A.	102	59	41
Parker, Millie B.	63	36	69
Purdy, Agnes L.	103	60	00
Reddy, Gertrude E.	103	60	00
Robinson, Winnifred	103	60	00

Special Poor Sections.

Kiltarlity	45	00
Campbellton,	40	00

Consolidations.

Eastern Harbor, D. 1912	64	18	63
Eastern Harbor, D. 1913	48	13	97

Annuitants.

McLean, Donald E.	60	00
McDonald, Teresa	45	00
McDougall, Arch S.	45	00
McKinnon, Malcolm	45	00
McLean, L. E.	45	00
Nicholson, A. G.	45	00

Shields, Dorinda	103	60	00
Staples, Elsie	103	60	00
Strong, May S.	102	59	41
Trenholm, Olga	103	60	00
VanBuskirk, John L.	103	60	00
Webster, Elsie	103	60	00
Westcott, Eva B.	103	60	00
West, Gladys I.	103	60	00
Woodward, Grace	103	60	00
Wright, Joanna J.	99	57	66
Wylde, Sara	103	60	00
Bancroft, Helen	99	43	24
Bigelow, Mabel Spicer	11	4	79
Boutilier, May C.	103	45	00
Borden Leah A.	102	44	56
Borden, Leah A (R S)		15	00
Browne, Mertie B.	102	44	56
Campbell, Margaret	103	45	00
Chesley, Ella M.	103	45	00
Cochrane, Pearl A.	103	45	00
DeWolfe, M. (1st term)	103	45	00
DeWolfe, M. (2nd term)	103	45	00
Dow, Margaret	103	45	00
Eaton, Bertha M. L.	103	45	00
Fairweather, Winnie	103	45	00
Ford, S. J.	5	2	18

KINGS.

Beattie, Frank H.	49	36	66
Ford, Robie W.	103	110	13
Campbell, Jessie B.	68	69	30
Osborne, Norman A.	29	29	54
Swanson, P. I.	103	105	00
Webster, Winnifred	103	90	00
Barrett, Lillie D.	103	75	00
Davidson, Mary I.	98	71	33
Baker, Maude B.	103	60	00
Benjamin, Harriett	103	60	00
Bligh, Annie D.	103	60	00
Chambers, Flora E.	39	22	71
Coggins, Adelaide	103	60	00
Faulkner, Ellen B.	103	60	00
Franey, Janet Mary	103	60	00
Hall, Bradford	103	60	00
Harvey, Bessie B.	103	60	00
Healy, Lidy	12	6	98
Hird, Cassie B.	102	59	41
Jacques, Violet	103	60	00
Kent, Mary Alice	103	60	00
Lewis, Harmon F.	54	31	44
Letson, Marguerite	103	60	00
Lewis, Dora F.	103	60	00
Lockhart, Lena M.	103	60	00
Lockhart, L. M. (Lib)		5	00
Loomer, Estella	98	57	07
Lutz, Carrie May	103	60	00
Marchant, Laura	103	60	00
Margeson, Susie	103	60	00

Franey, Bertha	103	45	00
Harris, Mary H.	103	45	00
Harris, Mildred L.	102	44	56
Jewers, Beatrice	103	45	00
Kendall, J. ssie C.	99	43	24
Kent, Bessie E.	103	45	00
King, Mildred E.	102	44	56
Lamont, Nancy	103	45	00
Loomer, Elizabeth	103	45	00
Mappleback, Idella	103	45	00
Mitchell, Kathleen	64	27	95
Morrison, Madge	99	43	24
Morse, Kate O.	103	45	00
McLeod, Ethel	103	45	00
McCully, Laurel	102	44	56
McGarrey, Annie Smith	103	45	00
Neary, Stella B.	101	44	12
Neary, Stella B. (Lib)		10	00
Parker, Essie B.	101	44	12
Plant, Thos. W.	103	45	00
Quigley, Mary E.	103	45	00
Rand, Harriette Z.	103	45	00
Robbins, Cecil	103	45	00
Rodgerson, Pearl	103	45	00
Sanford, Alida	103	45	00
Sawler, Merinda	103	45	00
Smith, Nellie A.	103	45	00
Strong, Gertrude	102	44	56

Spinney, Edith	101	44	12	Bruhm, Muriel	103	60	00
Swindell, Charlotte	103	45	00	Crandall, Ella	84	48	92
Wambolt, Ethel	103	45	00	Corkum, Inez	102	59	41
Weaver, Mabel	101	44	12	Creighton, Lucy	102	59	41
Woodworth, Cora E.	103	45	00	Ernst, Rhoda	103	60	00
Woodworth, Alfreda	101	44	12	Feindell, Addie	102	59	41
Blackburn, Laura V.	102	29	70	Fraser, Margaret	102	60	00
Boylan, Olive	83	24	17	Freeman, Winnie	101	58	83
Condon, Kathryn	103	30	00	Getson, Grace	102	59	41
Congdon, Florence	103	30	00	Hebb, Bessie C.	102	59	41
Davison, Nellie L.	103	30	00	Hines, Nora	102	59	41
Henderson, Elizabeth	97	28	24	Herman, Bertha	102	59	41
Hutchinson, Gladys	103	30	00	Millett, Susie	103	60	00
Illsley, Lila B.	102	29	70	MacLeod, Annie	103	60	00
Jamieson, Bessie	98	28	53	Rafuse, Eva	102	59	41
Levy, Addie G.	103	30	00	Silver, Lottie	103	60	00
Kinnie, Mary McL.	103	30	00	Veinotte, Alice	102	59	41
McMahon, Gertrude	103	30	00	Whitney, Lois	103	60	00
Porter, Angela	103	30	00	Wentzell, Mary	103	60	00
Porter, Freda	103	30	00	Wynacht, Margaret	35	20	38
Robinson, Ethel DeS.	102	29	70	Young, Helen	102	59	41
Robinson, Victor B.	44	12	81	Young, Mary E.	102	59	41
Thrope, Catherine	102	29	70	Arenburg, Grace	103	45	00
Ward, Edith R.	103	30	00	Bolivar, Alma	103	45	00
Wood, Mildred May	103	30	00	Bolivar, Minnie	102	44	56

Poor Sections.

Aulderson, Jessie	103	37	17	Brooks, Blanche	103	45	00
Burgess, Erma	102	36	80	Countway, Blanche	100	43	68
Coldwell, Mary E.	97	34	99	Crawford, Florence	102	44	56
Eaton, Laura J.	103	37	17	Croft, Margaret	103	45	00
Hiltz, Muriel C.	103	37	17	Dauphinee, T. M.	102	44	56
Keddy, Annie J.	103	37	17	Deal, Bernice	103	45	00
Kerr, Sadie Ellen	103	37	17	Dolliver, Olive	102	44	56
Lonergan, Annie	63	22	81	Fralic, Elsie	101	44	12
Lyons, Elizabeth	100	36	08	Gaul, Ethel	103	45	00
Lyons, Everett Mayhew	103	37	17	Hanley, Ruth	102	44	56
Mathews, Kathleen M.	103	37	17	Hawboldt, Gertrude	103	45	00
Meek, Kathleen Edna	93	33	54	Hawksworth, Eva	103	45	00
McDonald, Neva	103	37	17	Hebb, Jennie L.	86	37	55
Newcombe, Avery	94½	34	08	Hebb, Arthur W.	103	45	00
Parker, Maude S.	103	37	17	Hirtle, Bertha I.	102	44	56
Power, Ina F.	102	36	80	Hirtle, Ethel	102	44	56
Rafuse, Ruth	103	37	17	Hitle, Nora	103	45	00
Ritchie, Hazle	103	37	17	Langille, Edith	103	45	00
Sanford, Ida M.	103	37	17	Langille, Myrtle	103	45	00
Swindell, Laura M.	86	31	01	Locke, Francis A.	101	44	12
Warr, Evangeline	103	37	17	Lohnes, Minnie	103	45	00
Wickwire, Carrie V.	78	28	13	Lohnes, Stella	103	45	00

Annuitants.

Godfrey, John	192	88	
Banks, Alonzo	60	00	
Craig, James	45	00	

LUNENBURG AND NEW DUBLIN.

McKittrick, B.	102	105	00	Manning, Myra	102	45	00
Hewitt, M. C.	102	90	00	Mason, Jessie	103	45	00
Bell, H. P.	102	75	00	Millett, Sadie	103	45	00
Craigie, J. H.	102	75	00	MacIntosh, D. S.	102	45	00
Bailey, Hazel	102	59	41	Naugler, Agnes	103	44	56
				Nicol, Minnie	102	45	00
				Richards, Edith	103	44	56
				Ritcey, Geraldine	68	29	70
				Robar, Hilda	102	44	56
				Romkey, Mary C.	103	45	00
				Silver, Florence	103	45	00
				Smith, Eva	103	44	56
				Smith, Lola	102	44	56
				Smith, Minnie	103	44	56
				Tobin, Ellen	102	44	12
				Tobin, Mary	101	44	56
				Wile, Dora D.	102		

Poor Sections.

Boylan, Frances	103	40	00
Gray, Nellie	101½	39	41
Rafuse, Meta	102	39	61

PICTOU EAST.

MacLeod, John T.	103	105	00
Baillie, A. G.	103	75	00
Morgan, S. Christie	103	75	00
Skinner, L. R.	103	75	00
Amos, R. Maud	16	9	31
Ballantyne, Esther	103	60	00
Ballantyne, Ina M.	103	60	00
Balcom, L. S.	103	60	00
Baltzer, Adelaide	103	60	00
Chisholm, Christena	103	60	00
Douglas, Irene	103	60	00
Freeman, Dorothy	103	60	00
Fraser, Annie	80	46	59
Fraser, Louise	103	60	00
Gray, Maude	103	60	00
Grant, Clara A.	103	60	00
Gould, Lulu J.	103	60	00
Jacques, G. V.	103	60	00
Lent, Frank I.	103	60	00
Lewis, Myrtle G.	103	60	00
MacLeod, Isabelle	100	58	25
MacLean, Jessie	103	60	00
MacLean, Eva	103	60	00
MacPherson, Eliza	103	60	00
Murray, Sadie	103	60	00
O'Brien, Bessie	102	59	41
Oulton, Millage	103	60	00
Patterson, Mary E.	103	60	00
Philip, Maud	103	60	00
Ross, Annie L.	103	60	00
Russell, Martha	103	60	00
Savage, Martha	103	60	00
Strople, Stella M.	103	60	00
Thompson, Elizabeth	103	60	00
Walker, Jennie	103	60	00
Wright, Catherine	103	60	00
Young, Nettie	103	60	00
Archibald, Caroline	103	45	00
Archibald, Ann	102	44	56
Ballantyne, Jean	101	44	12
Brenton, Mabel	103	45	00
Cameron, Mary M.	103	45	00
Colquhoun, Christena	101	44	12
Crockett, Annie C.	103	45	00
Crockett, Annie C. (RS)		10	00
Chisholm, Florence	103	45	00
Chisholm, Mary M.	103	45	00
Davies Bertha H.	103	45	00
Elliott, Laura	102	44	56
Finlayson, D. K.	91	39	75
Harris, Margaret	5	2	18
Inglis, Clara M.	85	37	12
Inglis, Alice F.	103	45	00
Keith, Sylvia	103	45	00
Kirk, Gertrude	103	45	00
MacDonald, Maisie	103	45	00

MacDonald, Ada	103	45	00
Macgillivray, Jane R.	103	45	00
MacIntosh, Jennie	103	45	00
MacKay, Ethel	103	45	00
MacKay, Helen H.	99	43	24
MacKenzie, Charlotte	103	45	00
MacKnight, Jessie	103	45	00
MacLean, Margaret	102	44	56
MacLean, C. Myrtle	54	23	58
MacQueen, Margaret	103	45	00
Maxwell, Bessie B.	103	45	00
Meikle, Anna B.	103	45	00
Munro, Annie W.	95	41	49
O'Connell, Edith	103	45	00
O'Neil, Annie H.	103	45	00
Robertson, Susan	103	45	00
Robertson, Sarah	103	45	00
Ross, Annie M.	103	45	00
Ross, Annie M. (Lib)		5	00
Smith, Clara M.	103	45	00
Smith, Isabel C.	103	45	00
Sylvester, Mary	103	45	00
Sutherland, Lexie	103	45	00
Sutherland, Mary M.	103	45	00
Sutherland, J. D.	101	44	12
Titus, Elva B.	103	45	00
Ballantyne, Agnes	103	30	00
Ballantyne, Elizabeth	103	30	00
Baylee, Susie	103	30	00
Butler, Katherine E.	96	27	95
Chisholm, Margaret	100	29	12
Christie, Ruth	97	28	24
Cameron, Hannah	103	30	00
Cruikshank, Ruth	49	14	26
Fraser, Alice E.	103	30	00
Grant, Ethel V.	102	29	70
Gunn, Jennie C.	99	28	82
MacDonald, Ella	98	28	53
MacDonald, M. Jessie	101	29	41
MacDonald, Annie M.	88	25	62
MacGregor, Margaret	63	18	34
MacKay, Margaret K.	99	28	82
MacKay, Ella	69	20	09
MacKenzie, Ethel	103	30	00
MacKenzie, N. W.	98	28	53
MacLean, Eva K.	102	29	70
MacLellan, Barbara	103	30	00
MacLeod, Dolenna	103	30	00
MacNeil, Mary A.	101	29	41
Mills, Martha	103	30	00
Munro, C. Tena	100	29	12
Reeves, Margaret	103	30	00
Ross, Isabella C.	103	30	00
Smith, Laura E.	103	30	00
Sutherland, Jean A.	95	27	66
Wilson, Jean	103	30	00

Poor Sections.

Fraser, Barbara	103	38	04
MacDonald, Eva B.	103	38	04
MacKinnon, Isabel	102	37	66
Mason, Annie M.	102	37	66
Matheson, Alex. M.	101	37	29
Munro, Catherine	101	37	29
Munro, Dolena	87	32	11

Pushie, Janet L.	100	36	94
Stewart, Alex. D.	103	38	04
Sutherland, Mary R.	92	33	96
Sutherland, Hattie	103	38	04
Sutherland, Elizabeth	83	30	64
Thompson, Mary B.	101	37	29

Special Poor Sections.

Greenvale	25	00
Greens Brook	30	00
Black Brook	30	00

Consolidation.

Baileys Brook (3D)	90	00
--------------------	----	----

Annuitants.

Cameron, Jessie	45	00
Cruickshank, Jessie	45	00
Ross, Maggie	45	00

PICTOU WEST.

Inglis, R. E.	102	75	44
MacDonald, J. C.	102	75	30
MacLellan, Robt.	102	103	97
Mussells, H. H.	102	75	30
Dickson, Elsie B.	101	58	83
Dunn, Maude E.	103	60	00
Gunn, Jessie	103	60	00
Johnson, Amy	102	59	41
MacArthur, Olive	102	59	41
Murdock, Louise	102	59	41
Robinson, Sadie	103	60	00
Sutherland, Chris.	102	59	41
Stewart, Florence	103	60	00
Baillie, Jennie B.	102	44	56
Brown, Isabelle	10	4	36
Bryden, Almira	103	45	00
Campbell, Margaret	103	45	00
Christie, Margaret	102	44	56
Collie, Annie M.	53	23	15
Davies, E. Ross	103	45	00
Ferguson, Ruth R.	103	45	00
Fraser, Elsie	97	42	37
Gilchrist, Christena	103	45	00
Haley, Mary	102	44	56
Hamilton, Mary	103	45	00
Langille, J. A.	33	14	41
MacDonald, Fraser	103	45	00
MacDonald, Marion	24	10	47
MacBain, Ellen E.	73	31	88
MacBain, Jennie	103	45	00
MacKay, Janette	103	45	00
MacQuarrie, Christena	103	45	00
Mattatall, Lottie C.	103	45	00
McCunn, Isabel M.	103	45	00
Moran, Sadie	103	45	00
Mosher, Leona	99	43	24
Murray, Grace A.	103	45	00
Rogers, Marion	103	45	00
Rose, Jessie	102	44	56
Sillers, Annie T.	103	45	00
Sutherland, Mina	103	45	00

Allen, Elizabeth	101	29	41
Baillie, Isabelle	102	29	70
Beckwith, Lloyd	103	30	00
Bigney, Clara	96	27	95
Bickers, Ethel	103	30	00
Clark, Olivetta	103	30	00
Fullerton, Irene	5	1	45
Graham, Margaret	103	30	00
Hamblen, Elsie	102	29	70
Johnson, Lillian	102	29	70
Langille, Agnes	102	29	70
MacCara, Mary J.	102	29	70
MacLean, Christianna	63	18	34
MacKay, Mary E.	102	29	70
MacLean, Lillian	102	29	70
MacCoull, Sadie	64	18	63
McPhe, Martha C.	103	30	00
MacQueen, Susan R.	103	30	00
Matheson, Gladys	90	26	21
Morris, H. S.	99	28	82
Murray, Anna M.	100	29	12
Redmond, Annie M.	103	30	00
Redmond, Ada F.	88	25	62
Reid, Catherine	102	29	70
Sutherland, Mary C.	103	30	00
Smith, M. Lois	100	29	12

Poor Sections.

Cotter, Chris	103	38	04
Johnson, Mary E.	102	37	66
Langille, Cora	103	38	04
Langille, Clara	64	23	63
MacKenzie, Christena	103	38	04
Murray, Elizabeth	102	37	66
Sutherland, Blanche	64	23	63

Annuitants.

Fraser, William	60	00
Gollan, John	60	00
MacArthur, Alex.	60	00
MacKay, John	60	00
McDonald, D. W.	60	00

QUEENS SOUTH.

Morton, R. F.	102	105	00
Mullins, Jennie	102	90	00
Wetmore, R. H.	103	75	00
Baltzer, Mary H.	102	59	41
Chute, Frances	102	59	41
Dexter, Mattie	103	60	00
Eldridge, Jennie	21	12	23
Freeman, Jessie E.	103	60	00
Ford, Gertrude	103	60	00
Harrington, E. B.	103	60	00
Mader, Annie A.	103	60	00
Parker, Lillian	102	59	41
Parker, Lillian (Lib)		5	00
Ritcey, Lillas A.	103	60	00
Wylde, Mary A.	103	60	00
Baxter, Mary I.	100	43	63
Bell, Marie R.	101	44	12
Churchill, Gretchen	69	30	13

Chute, Zephina	34	14 84	LeBlanc, Sabine Rose	103	60 00
Freeman, Allene	102	44 56	Samson, George F.	103	60 00
Freeman, Juna	102	44 56	Samson, Florence A.	103	60 00
Freeman, Nellie B.	103	45 00	Sr. M. Ste. Firmine	103	60 00
Godfrey, Bessie	102	44 56	Burke, Eva M.	103	45 00
McGinty, Katherine	103	45 00	Burke, Mabel H.	103	45 00
MacQuarrie, Gladys	103	45 00	Cameron, Janet F.	103	45 00
Reinhardt, Mildred	103	45 00	Coffey, Julia B.	103	45 00
Reinhardt, Alma	102	44 56	Currie, Charlotte S.	103	45 00
Kedy, Elva M.	103	45 00	Devereux, Charlotte M.	103	45 00
Corkum, Ethel	103	30 00	Forgeron, Eva May	103	45 00
Dexter, Vera	103	30 00	Gagnon, Alfred G.	103	45 00
Freeman, Grace D.	103	30 00	Jackson, Henrietta E.	103	45 00
Harding, P. S.	103	30 00	Johnston, Agatha A.	103	45 00
Harlow, Jennie M.	103	30 00	Leslie, Alfreda M.	103	45 00
Hiltz, Ella M.	102	29 70	MacKillop, Ewen D.	69	30 13
Hupman, Effie R.	103	30 00	MacLeod, Tena H.	103	45 00
Mack, Winifred	102	29 70	MacNeil, Minnie P.	103	45 00
McGuire Annie V.	103	30 00	Mauger, Lina	103	45 00
MacKay, Gertrude	103	30 00	Murphy, Margaret A.	103	45 00
Rhynard, Gertrude	102	29 70	Mury, Simon	103	45 00
Smith, Henrietta	101	29 41	Nelson, J. Scott	103	45 00

Poor Sections.

Colp, Mildred	98	38 06
Godfrey, Marion	103	40 00
Hupman, Iona	102½	39 80
Latham, Hattie	103	40 00
MacKinnon, Marie	95	36 89

QUEENS NORTH.

Acker, Hattie	103	60 00
Armstrong, Georgie	103	60 00
Armstrong, George (Lib)		5 00
Freeman, Nettie	103	60 00
Ramey, J. Marie	103	60 00
Ramey, J. Marie (Lib)		5 00
Freeman, Blanche	103	45 00
Joudrey, Eva M.	103	45 00
Kempton, Abbie	103	45 00
Wharton, Zella M.	103	45 00
Baxter, Agnes	103	30 00
Crouse, Georgina	101	29 41
Crouse, Lettie	93	27 08
Hartlen, Maude	103	30 00
Kempton, Florence	103	30 00
Manthorn, Mildred	101	29 41
Rafuse, Lavinia	102	29 70
DeRoche, Gertrude W.	103	30 00
Doucet, Alvena E.	98	28 53
Ferguson, Annie M.	103	30 00
Gagnon, Evangeline	83	24 17
Gillis, Annie	103	30 00
Jackson, Annie J.	103	30 00
Kemp, Annie	103	30 00
Kyte, Josephine	103	30 00
LeBlanc, Yvonne	103	30 00
McDonald, Catherine	103	30 00
McDonald, Christina	103	30 00
MacKichan, Annie B.	103	30 00
MacLean, Lena	95	27 66
McLeod, Catherine M.	103	15 44
MacNeil, Mary Ella	103	30 00
Martel, Mary C.	103	30 00
Maynes, Grace Dorothy	103	30 00
Monbourquette Clara B.	103	30 00
Morrison, Christy Ann	103	30 00
Morrison, Ella H.	103	30 00
Murphy, Gertrude	103	30 00
Poirier, Hortense	100	29 12
Poirer, Mabel	103	30 00
Samson, Mary Louise	103	30 00
Sister, M. duCenacle	103	30 00

Poor Sections.

Boland, Susie	103	40 00
Dukeshire, Elizabeth	103	40 00
Kaulback, Louise	103	40 00
Robinson, Eleanor	101	39 22
Snow, Florence	103	40 00

RICHMOND.

MacLeod, Jeanette	103	105 00
Bissett, Clara V.	103	60 00
Boyd, Christina	103	60 00
Grady, Alice Maud	103	60 00
LeBlanc, Andrew A.	103	60 00

Poor Sections.

Cameron, Katie A.	103	40 00
Fougere, Hattie Jane	103	40 00
McKay, Flora Catherine	102	39 61
MacKenzie, Sadie A.	103	40 00
MacLeod, Daniel A.	103	40 00
McLeod, William D.	102	39 61

McNeil, Martha	95	36	89
For the last half year		7	47
Mauger, Agnes Jane	103	40	00
Morrison, Gertrude C.	103	40	00
Ross, Annie L.	103	40	00
Ross, Cassie A.	94	36	50
Sutherland, Don A.	102	39	61
Thibeau, Peter	103	40	00

Annuitants.

Boyle, D. R.	60	00
McLeod, Malcolm	60	00
Louisdale, Conveyance	60	00

SHELBURNE.

MacLeod, A. M.	103	105	00
Ruggles, A. J.	101	73	53
Capstick, Grace	101	58	83
Freeman, Grace D.	103	60	00
McGill, Lizzie P.	103	60	00
Turner, Flora A.	103	60	00
Churchill, Allie M.	103	45	00
Etherington, Lillian	103	45	00
Frellick, Myra	101½	44	34
Goodick, J. B.	103	45	00
Hamilton, Mary A.	103	45	00
Mamilton, M. A. (R S)		15	00
Kean, Evelyn S.	102½	44	78
Lambertson, Minnie	103	45	00
MacKay, Nettie	103	45	00
McGinnis, A. H.	103	45	00
Pennington, J. G.	103	45	00
Shaw, Mildred	91	39	75
Smith, Myrtle	101	44	12
Webber, Ola B.	103	45	00
Crosby, F. B.	103	30	00
Dicker, Nellie I.	98	28	53
Decker, Isabel J.	99	28	82
Doty, F. G.	103	30	00
Fancey, E. A.	103	30	00
Gibbons, J. Miles	103	30	00
Greenwood, M. B.	103	30	00
Hardy, Florence	102	29	70
Hilton, Muriel K.	102	29	70
Hogg, Laura	101	29	41
Janes, E. Dora	102½	29	85
Laing, Isabel	103	30	00
Lloyd, Florence V.	102	29	70
MacDonald, Kathleen	103	30	00
MacKay, Margaret	103	30	00
MacKay, Myrtle	103	30	00
McKenne, Lulu	101	29	41
McMillan, Bernice	102	29	70
Morton, Jean S.	103	30	00
Nickerson, Lelia F.	102	29	70
Rawlings, Isabel A.	103	30	00
Ross, Nara A.	103	30	00
Smith, Daisy W.	103	30	00
Swimm, Hazel O.	103	30	00

Poor Sections.

Decker, N. D.	103	40	00
Pierce, M. J.	98	38	06
Snowe, N. E.	103	40	00

Annuitants.

Goodick, J. D.	45	00
McMillan, Elizabeth	45	00

BARRINGTON.

Bellivue, Winnifred	100½	58	54
Brannen, Lottie G.	102	59	41
Doane, Dorothy A.	103	60	00
Fos, A. D.	101	58	83
Fox, A. D. (Lib.)		10	00
Fraser, S. L.	103	60	00
Fraser, S. L. (Lib.)		10	00
Morse, Slyvie H.	103	60	00
Perry, Emma F.	103	60	00
Reynolds, A. E.	103	60	00
Sears, Louise F.	103	60	00
Atwood, Maude	103	45	00
Bethune, A. B.	102	44	56
Christie, Katherine	36	15	71
D'Entremont, E. J.	98½	43	02
Freeman, Louise W.	102	44	56
Grant, Estella V.	103	45	00
Hopkins, Bella L.	103	45	00
Hopkins, Bella L. (Lib)		10	00
Murphy, C. Helena	99	43	24
Nickerson, K. K.	100	43	68
Nickerson, Mildred	103	45	00
Smith, Elsie B.	101	44	12
Thomas, Ida M.	103	45	00
Walsh, M. M.	103	45	00
Brannen, Esther	62	18	05
Cameron, Mildred	103	30	00
Golden, Lola D.	101	29	41
Goodwin, B. A.	103	30	00
Goreham, Nettie A.	103	30	00
Killam, G. A.	98	28	53
Knowles, Meda	60	17	47
MacKay, E. B.	101	29	41
McGuire, M. I.	103	30	00
Nickerson, Ruth M.	93	27	08
Porter, Herman L.	103	30	00
Smith, Nora E.	98	28	53
Thomas, G. B.	103	30	00
Whitman, Georgia R.	102	29	70
Wilson, Edna W.	98	28	53
Wilson, Lois E.	102	29	70

Poor Sections.

Bethell, Lucy A.	102	39	61
Black, Elsie C.	103	40	00
Swaine, Bessie H.	102	39	61

Annuitant.

Matheson, W. H. C.	45	00
--------------------	----	----

VICTORIA.

Porter, Sadie E.	103	105 00
Porter, Sadie E. (1st hlf yr)	5	5 13
Bruce, Anna May	103	60 00
McDonald, M. B.	103	60 00
MacLeod, Belle C.	103	60 00
Ritcey, Edith A.	103	60 00
Sellon, Belle C.	103	60 00
Watson, Anna M.	103	60 00
Young, N. E.	103	60 00
Brennan, Maude E.	103	45 00
MacDonald, Louise	103	45 00
MacKenzie, Margaret M.	103	45 00
McLeod, John D.	102	44 56
Lent, Georgic A.	22	9 59
Montgomery, Sadie	103	45 00
Smith, Mary C.	102	44 56
Stevens, Maude	21	9 16
Stropole, Janie I.	103	45 00
Anderson, Carrie G.	103	30 00
Arseneau, Mathilda	103	30 00
Buchanan, Kenneth N.	100	29 12
Campbell, Jean E.	103	30 00
DeVeau, Lilian M.	103	30 00
Forrestall, Mary	103	30 00
Fraser, Archie C.	103	30 00
Horton, Annie	103	30 00
Ingraham, Carmita M.	103	30 00
MacDonald, Hannah C.	102	29 70
MacDonald, Mammie	100	29 12
McDonald, Dan John	83	24 17
MacGillivray, Mildred F.	103	30 00
MacGillivray, Mary A.	103	30 00
MacKenzie, Barbara M.	103	30 00
MacKenzie, Arabelle C.	103	30 00
MacLennan, Alfred	103	30 00
MacLennan, Jessie M.	103	30 00
MacLennan, Margaret R.	103	30 00
MacLeod, Katherine	103	30 00
McLeod, Roderick N.	103	30 00
MacNeil, Mary L.	103	30 00
MacRae, Mae D.	103	30 00
Matheson, Wilfrid L.	100	29 12
Montgomery, Christene	103	30 00
Morrison, Joanna B.	103	30 00
Old, James G.	72	20 97
Watson, Mary K.	93	27 08

Poor Sections.

Buchanan, Margaret V.	103	40 00
Buchanan, Margaret V. 1st half year)		10 00
Coady, Rebecca E. (1912)	102	39 61
Horton, Katherine	49	19 03
MacDermid, Rachel J.	103	40 00
McDonald, Annie C.	103	40 00
MacIver, Annie C.	103	40 00
MacIver, Annie A.	103	40 00
MacIver, Annie	101	39 22
MacIver, Florence W.	103	40 00
McIvor, Hannah	103	40 00
MacLachlan, Annie M.	95	36 89
McLean, Euphemia	103	40 00

MacLeod, Malcolm	103	40 00
McLeod, Donald F.	102	39 61
McNeil, Margaret	98	38 06
Morrison, Josie Anne	103	40 00
Sutherland, Andrew D.	103	40 00

Consolidation.

Kempt Head	103	30 00
------------	-----	-------

Special Poor Aid.

St. Columba		45 00
-------------	--	-------

YARMOUTH.

Blackadar, G. D.	103	90 00
Horner, A. W.	103	90 00
Kempton, W. F.	103	105 00
McGray, M. W.	102	74 26
Tooker, Beatrice	16	11 62
Wyman, H. J.	103	90 00
Allen, E. C.	102	74 26
Hall, F. B.	20	14 60
Spinney, Mary E.	102	75 00
Allen, S. B.	102	59 41
Allen, Georgie W.	102	59 41
Bond, Mary G.	102	59 41
Cameron, Margaret	96	55 91
Churchill, Nelson	103	60 00
Crocker, Nina B.	103	60 00
Crocker, Nina B. (Lib)		5 00
D'Eon, J. Octave	102	59 41
Durland, Addie	102	59 41
Floyd, A. Pearle	103	60 00
Floyd, A. Pearle (Lib)		10 00
Goodwin, Effie B.	102	59 41
Goudey, A. A.	103	60 00
Gray, Eva I.	102	59 41
Grierson, J. E.	102	59 41
Hatfield, Lizzie V.	102	59 41
Hopkins, M. J.	102	59 41
Huestis, Hannah	102	59 41
Kinney, Laura	102	59 41
Maxner, M. O.	103	60 00
Maxner, M. O. (Lib)		10 00
McGray, J. D.	86	50 08
McLeod, A. J.	102	59 41
McKay, Robetta	89	51 83
Moses, Della B.	103	60 00
Patten, Mabel E.	100	58 25
Platt, Bessie H.	102	59 41
Potts, Louise S.	103	60 00
Raymond, Luella	102	59 41
Scott, Margaret	102	59 41
Scott, Martha	103	60 00
Smith, Charlotte G.	102	59 41
Winter, Maude E.	103	60 00
Allen, F. L.	102	44 56
Bain, Ethel M.	103	45 00
Brown, Maude S.	102	44 56
Bryant, Arletta	102	44 56
Chipman, A. J.	102	44 56
Corning, Nellie R.	103	45 00
Delamere, S. P.	102	44 56

Firth, Alice W.	103	45 00	Belliveau, Matilda	103	45 00
Hopkins, A. W.	103	45 00	Bourque, Mary A.	103	45 00
Hurlbert, Bessie R.	103	45 00	Bourque, Elizabeth	103	45 00
Kavanagh, E. A.	102	44 56	Carver, Ida N.	96½	42 15
Kavanagh, E. A. (Lib)		10 00	D'Entremont, E. C.	103	45 00
MacKay, J. MacP.	102	44 56	D'Eon, Laura F.	103	45 00
Moses, Agnes	103	45 00	Firth, E. Louisa	103	45 00
Platt, Ada M.	102	44 56	Grant, Ellen E.	102	44 56
Porter, Flo H.	100	43 68	Hipson, Jessie G.	103	45 00
Reeves, F. D.	103	45 00	Mius, M. Nellie	103	45 00
Saunders, Flo L.	5	2 18	Pottier, Louise	103	45 00
Seeley, Mary G.	6	2 61	Randall, Eva A.	103	45 00
Wyman, C. W.	102	44 56	Raynard, K. S.	103	45 00
Crocker, C. E.	103	30 00	Rose, I. M.	98½	43 02
Goodwin, Rosa P.	102	29 70	Sr. M. Seraphia	101	44 12
Horner, N. B.	103	30 00	Sr. M. Eugenie	103	45 00
King, Fannie H.	103	30 00	Surette, Ada	103	45 00
Lambertson, Pearle E.	103	30 00	Surette, Rose D.	103	45 00
Pitman, Marion	103	30 00	Thibodeau, Beatrice	103	45 00
Pitman, Helen	102	29 70	Amirault, Celestine	103	30 00
Purney, Maria I.	103	30 00	Amirault, M. A.	103	30 00
Sabine, Ethel R.	103	30 00	Amirault, Rose I.	103	30 00
Saunders, Luella M.	103	30 00	Babin, Rose A.	103	30 00
Spinney, Amy L.	102	29 70	Babin, Chantale	101	29 41
Westcott, A. P.	103	30 00	Baker, Genie A.	103	30 00
Poor Sections.			Belliveau, M. S.	103	30 00
Doane, Lavina	103	40 00	Bourque, M. E.	103	30 00
Earle, Mildred	103	40 00	Bourque, Rosie	103	30 00
Robbins, F. W.	93	36 11	Cook, Belle J.	103	30 00
Robichand, Emily	95	36 89	Cunningham, E. S.	88	25 62
Trefry, Mamie G.	103	40 00	D'Entremont, Clara	103	30 00
Annuitant.			Durkee, Marion	103	30 00
Hilton, Mary M.		45 00	Gavel, W. B.	76	22 13
ARGYLE.			Hopkins, Jane W.	103	30 00
Belliveau, Catherine	103	60 00	LeBlanc, J. B.	103	30 00
D'Entremont, Rhoda M.	103	60 00	Moode, R. M.	102½	29 85
Frost, Isabel F.	103	60 00	Moode, R. M. (Lib.)		10 00
Hall, H. E.	103	60 00	Pothier, Martha	103	30 00
Locke, Helen C.	102	59 41	Pottier, Marguerite	103	30 00
Sr. M. Victoire	103	60 00	Ricker, Annie L.	103	30 00
Amirault, S. A.	103	45 00	Sr. Gonzaga	103	30 00
Amirault, Edith S.	103	45 00	Surette, Anne E.	103	30 00
Babin, Mary T.	103	45 00	Surette, Mary	103	30 00
			Poor Sections.		
			Babin, Bertha	103	40 00
			Babin, Laura	94	36 50
			Hamilton, Stella	103	40 00
			Reeves, Elaine W.	49	19 03

(To be handed promptly on its receipt by the Secretary of every School Board to each Teacher employed within the School Section).

LOCAL "NATURE" OBSERVATIONS.

(To be sent in to the Inspector with the Returns in February and July).

This sheet is provided for the purpose of aiding teachers to interest their pupils in observing the times of the regular procession of natural phenomena each season. First, it may help the teacher in doing some of the "Nature" lesson work of the Course of Study; Secondly, it may aid in procuring valuable information for the locality and province. Two copies are provided for each teacher who wishes to conduct such observations, *one* to be preserved as the property of the section for reference from year to year; the *other* to be sent in with the Return to the Inspector, who will transmit it to the Superintendent for examination and compilation.

What is desired is to have recorded in these forms, the dates of the *first* leafing, flowering and fruiting of plants and trees; the *first* appearance in the locality of birds migrating north in spring or south in autumn, etc. While the objects specified here are given so as to enable comparison to be made between the different sections of the Province, it is very desirable that other local phenomena of a similar kind be recorded. Every locality has a *flora, fauna, climate*, etc., more or less distinctly its own; and the more common trees, shrubs, plants, crops, etc., are those which will be most valuable from a local point of view in comparing the characteristics of a series of seasons.

Teachers will find it one of the most convenient means for the stimulation of pupils in observing all natural phenomena when going *to* and *from* the school, and some pupils radiate as far as two miles from the school room. The "nature study" under these conditions would thus be mainly undertaken at the convenient time, without encroaching on school time; while on the other hand it will tend to break up the monotony of school travel, fill an idle and wearisome hour with interest, and be one of the most valuable forms of educational discipline. The eyes of a whole school daily passing over a whole school section will let very little escape notice, especially if the first observer of each annually recurring phenomenon receives credit as the first observer of it for the year. The observations will be accurate, as the facts must be demonstrated by the most undoubted evidence, such as the bringing of the specimens to the school when possible or necessary.

To all observers the following most important, most essential principles of recording are emphasized: Better *no date, no record*, than a *wrong one* or a *doubtful one*. Sports out of season due to very local conditions not common to at least a small field, should not be recorded except parenthetically. The date to be recorded for the purposes of compilation with those of other localities should be the *first* of the *many* of its kind following immediately after it. For instance, a butterfly emerging from its chrysalis in a sheltered cranny by a southern window in January would not be an indication of the general climate, but of the peculiarly heated nook in which the chrysalis was sheltered; nor would a flower in a semi-artificial, warm shelter, give the date required. When these sports out of season occur, they might also be recorded, but within a parenthesis to indicate the peculiarity of some of the conditions affecting their early appearance.

These schedules should be sent in to the Inspector with the school returns in July and February, containing the observations made during the Spring (January to June) and the Fall (June to December respectively).

The new register has a page for a duplicate of such records.

Remember to fill in carefully and distinctly the date, locality, and other blanks at the head of the schedule on the next page; for if either the date or the locality or the name of the responsible compiler should be omitted the whole paper is worthless and cannot be bound up for preservation in the volume of The Phenological Observations.

By the aid of the table given at the top of pages 3 and 4, the date, such as the 24th of May for instance, can be readily and accurately converted into the *annual date*, "the 144th day of the year," by adding the day of the month given to the annual date of last day of the preceding month (April in this case), thus $24 + 120 = 144$. The annual date can be briefly recorded, and it is the only kind of dating which can be conveniently averaged in phenological studies. When the compiler is quite certain that he or she can make the conversion without error, the day of the year instead of the day of the month will be preferred in recording the dates.

PHENOLOGICAL OBSERVATIONS, CANADA.
(1914 Schedule).

(For the months July to December, 19 ; or the months January to June 19)
Province County District
Locality or School Section No.

[The estimated length and breadth of the locality within which the following observations were made X miles. Estimated distance from the sea coast miles. Estimated altitude above the sea level feet. Slope or general exposure of the region General character of the soil and surface Proportion of forest and its character Does the region include lowlands or intercales? and if so name the main river or stream Or is it all substantially highlands? Any other peculiarity tending to affect vegetation?

The most central Post Office of the locality or region

Name and Address of the Teacher or other Compiler of the Observations responsible for their accuracy.

	When First Seen.	When Becoming Common.
	1912	1912
Average date for the year		

(Wild Plants, etc.—Nomenclature as in "Spotton" or "Gray's Manual").

1. Alder (<i>Alnus incana</i>), catkins shedding pollen	109	117
2. Aspen (<i>Populus tremuloides</i>),	121	129
3. Mayflower (<i>Epigaea repens</i>), flowering	108	116
4. Field Horsetail (<i>Equisetum arvense</i>), shedding spores	129	134
5. Blood-root (<i>Sanguinaria Canadensis</i>), flowering	133	138
6. White Violet (<i>Viola blanda</i>), flowering	126	132
7. Blue Violet (<i>Viola plamata, cucullata</i>), flowering	129	135
8. Hepatica (<i>H. Triloba</i> , etc.), flowering	133	139
9. Red Maple (<i>Acer rubrum</i>), flower shedding pollen	131	137
10. Strawberry (<i>Fragaria Virginiana</i>), flowering	127	136
11. " " " " fruit ripe	163	172
12. Dandelion (<i>Taraxacum officinale</i>), flowering	131	139
13. Adder's Tongue Lily (<i>Erythronium Am.</i>), flowering	124	145
14. Gold Thread (<i>Coptis trifolia</i>), flowering	134	140
15. Spring Beauty (<i>Claytonia Caroliniana</i>), flowering	132	137
16. Ground Ivy (<i>Nepeta Glechoma</i>), flowering	139	146
17. Indian Pear (<i>Amelanchier Canadensis</i>), flowering	140	145
18. " " " " fruit ripe	201	228
19. Wild Red Cherry (<i>Prunus Pennsylvanica</i>), flowering	144	149
20. " " " " fruit ripe	205	213
21. Blueberry (<i>Vaccinium Can. and Penn.</i>), flowering	143	150
22. " " " " fruit ripe	194	211
23. Tall Buttercup (<i>Ranunculus acris</i>), flowering	150	158
24. Creeping Buttercup (<i>R. repens</i>), flowering	155	161
25. Painted Trillium (<i>T. erythrocarpum</i>), flowering	144	149
26. Rhodora (<i>Rhododendron Rhodora</i>), flowering	146	152
27. Pigeon Berry (<i>Cornus Canadensis</i>), florets opening	150	156

PHENOLOGICAL OBSERVATIONS—(Continued).

Day of year corresponding to the last day of each month.						When First Seen.	When Becoming Common.
Jan.	31	April	120	July	212			Oct.	304
Feb.	59	May	151	Aug.	243	Nov.	334
March	90	June	181	Sept.	273	Dec.	365
[For Leap years increase each number except that for January by 1]							
28.	Pigeon Berry (<i>Cornus Canadensis</i>), fruit ripe					203	222
29.	Star Flower (<i>Trientalis Americana</i>), flowering					148	154
30.	Clintonia (<i>Clintonia borealis</i>), flowering					152	158
31.	Marsh Calla (<i>Calla palustris</i>), flowering					158	164
32.	Lady's Slipper (<i>Cypripedium acaule</i>), flowering					157	162
33.	Blue-eyed Grass (<i>Sisyrinchium ang.</i>), flowering					158	164
34.	Twinflower (<i>Linnæa borealis</i>), "					165	171
35.	Pale Laurel (<i>Kalmia glauca</i>), flowering					154	158
36.	Lambkill (<i>Kalmia augustifolia</i>), flowering					161	164
37.	English Hawthorn (<i>Crataegus oxyacantha</i>), flowering					158	164
38.	Scarlet fruited Thorn (<i>Crataegus coccinea</i>), flowering					159	163
39.	Blue Flag (<i>Irus versicolor</i>), flowering					167	170
40.	Ox-eye Daisy (<i>Chrysanthemum Leucanthemum</i>), flowering					151	158
41.	Yellow Pond Lily (<i>Nuphar advena</i>), flowering					163	169
42.	Raspberry (<i>Rubus strigosus</i>), flowering					157	165
43.	" " fruit ripe					203	213
44.	Yellow Rattle (<i>Rhinanthus Crista-galli</i>), flowering					170	176
45.	High Blackberry (<i>Rubus villosus</i>), flowering					165	172
46.	" " fruit ripe					224	235
47.	Pitcher Plant [<i>Sarracenia purpurea</i>], flowering					168	170
48.	Heal-All (<i>Brunella vulgaris</i>), "					167	174
49.	Common Wild Rose (<i>Rosa lucida</i>), "					174	182
50.	Fall Dandelion (<i>Leontodon autumnale</i>), "					167	173
51.	Butter-and-Eggs (<i>Linaris vulgaris</i>), "					168	173
52.	Expanding leaves in spring made trees appear green—(a) first tree, (b) leafing trees generally					137	147
(Cultivated Plants, etc.)							
53.	Red Currant (<i>Ribes rubrum</i>), flowering					142	148
54.	" " fruit ripe					190	203
55.	Black Currant (<i>Ribes nigrum</i>), flowering					144	150
56.	" " fruit ripe					203	215
57.	Cherry (<i>Prunus Cerasus</i>), flowering					146	151
58.	" " fruit ripe					214	
59.	Plum (<i>Prunus domestica</i>), flowering					146	151
60.	Apple (<i>Pyrus Malus</i>), flowering					149	155
61.	Lilac (<i>Syringa vulgaris</i>), flowering					156	162
62.	White Clover (<i>Trifolium repens</i>), flowering					158	167
63.	Red Clover (<i>Trifolium pratense</i>), "					157	165
64.	Timothy (<i>Phleum pratense</i>), "					161	168
65.	Potato (<i>Solanum tuberosum</i>), "					180	191
(Farming Operations, etc.)							
66.	Plowing begun					119	128
67.	Sowing begun					129	137
68.	Planting of Potatoes begun					130	138

PHENOLOGICAL OBSERVATIONS—(Continued).

69. Shearing of Sheep.....	128	140
70. Hay Cutting.....	196	206
71. Grain Cutting.....	238	245
72. Potato Digging.....	263	279

(Meteorological Phenomena).

	(a)	(b)
73. Opening of (a) Rivers, (b) Lakes without currents.....	83	106
74. Last Snow (a) to whiten ground, (b) to fly in air.....	109	119
75. Last Spring Frost (a) "hard" (b) "hoar".....	130	150
76. Water in Streams, Rivers, etc., (a) highest, (b) lowest.....	97	208
77. First Autumn Frosts, (a) "hoar" (b) "hard".....	260	278
78. First Snow (a) to fly in air, (b) to whiten ground.....	287	305
79. Closing of (a) Lakes without currents, (b) Rivers.....	333	353
80. Number of Thunder Storms (with dates of each).....		

January, none; February, none; March, 18; April, 19; May, 29; June, 23; July, 10; August, 9; September, 17; October, 6; November, none; December, none.

Day of year corresponding to the last day of each month.							
Jan.	31	April	120	July	212	Oct.	304
Feb.	59	May	151	Aug.	243	Nov.	334
March	90	June	181	Sept.	273	Dec.	365

[For Leap years increase each number except that for January by 1.]

(Migration of Birds, etc.)

	Going North or coming in Spring	Going South or leaving in Fall.
81. Wild Duck migrating.....	90	
82. Wild Geese migrating.....	88	
83. Song Sparrow (<i>Melospiza fasciata</i>).....	97	
84. American Robin (<i>Turdus migratorius</i>).....	88	
85. Slate coloured Snow Bird (<i>Junco hiemalis</i>).....	97	
86. Spotted Sand Piper (<i>Actitis macularia</i>).....	131	
87. Meadow Lark (<i>Sturnella magna</i>).....	139	
88. Kingfisher (<i>Ceryle Alcyon</i>).....	123	
89. Yellow Crowned Warbler (<i>Dendroeca coronata</i>).....	130	
90. Summer Yellow Bird (<i>Dendroeca aestiva</i>).....	138	
91. White Throated Sparrow (<i>Zonotrichia alba</i>).....	125	
92. Humming Bird (<i>Trochilus Colubris</i>).....	145	
93. King Bird (<i>Tyrannus Carolinensis</i>).....	135	
94. Bobolink (<i>Dolichonyx oryzivorus</i>).....	132	
95. American Gold Finch (<i>Spinus tristis</i>).....	142	
96. American Redstart (<i>Setophaga ruticilla</i>).....	141	
97. Cedar Waxwing (<i>Ampelis cedrorum</i>).....	148	
98. Night Hawk (<i>Chordeiles Virginianus</i>).....	130	
99. Piping of Frogs.....	107	
100. Appearance of Snakes.....	115	

(Other Observations or Remarks.)

101. *Senecio Jacobaea* (St. James Ragwort); Is it found within the school section If so, to what extent? etc.
102. The Brown Tail Moth, etc.

NOTICE.

Change of Dates for the Phenological Schedules.

It is decided to have the schedules of observations henceforward sent in twice a year (with the semi-annual returns). This arrangement will enable the Education Department more easily to compile the information in periods of the *calendar* year so as to be more readily comparable with phenological observations in other countries, and with the voluminous meteorological statistics collected, compiled and published by the Dominion.

The schedule sent in at the end of the first half of the school year is intended to cover the time from the 1st of July to the end of December—thus completing the Calendar year.

The schedule sent in at the end of the school year in July is intended to cover the observations from the 1st January to the end of June.

Where the same teacher is employed in the section during the *whole* calendar year, the schedule sent in during the first week of February is commended to cover the whole calendar year, from the 1st of January to the 31st of December. Such a schedule will be complete in itself for the whole calendar year, and the fact of its repeating the contents of the June schedule will be no inconvenience to the compilers, while it will reflect favorably on the teacher.

This course should be followed by a teacher new to the section, provided the previous teacher left the record on file or in the register. *Whenever the observations for the Calendar year can be given complete, there is an advantage in giving it Complete in the schedule sent in with the February returns.*

A schedule without the half year or year which it covers being entered in the *first* line of the second page, or without the compiler's name and address must be rejected—no matter how good the observations may appear.

PHENOLOGICAL OBSERVATIONS.

List of Schools Sending in Schedules of Local Observations for the School Term ended July, 1913.

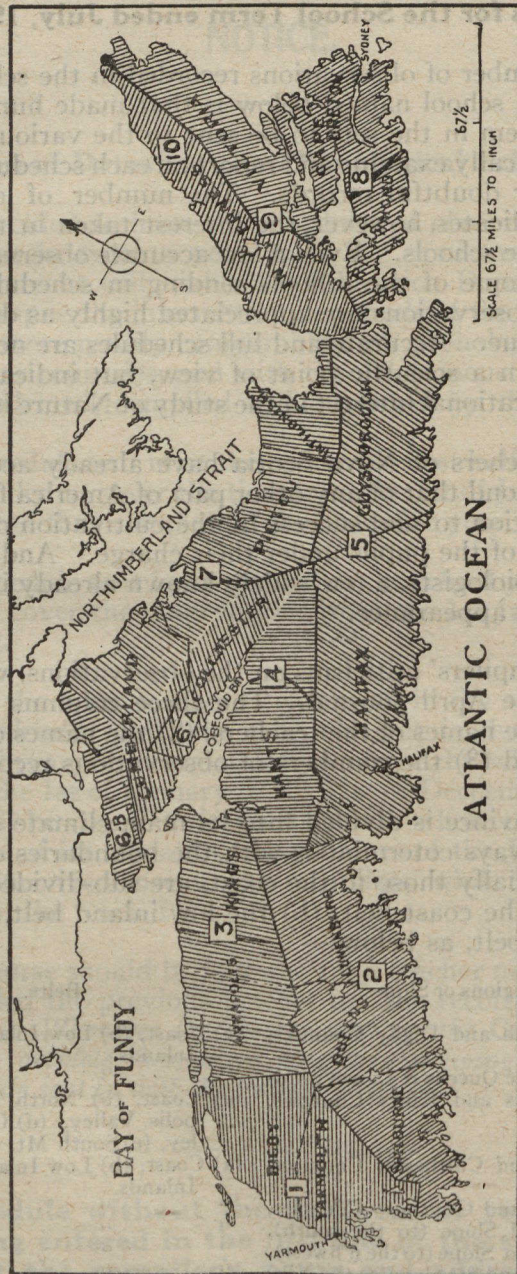
The number of observations recorded in the schedules sent in from each school named below is that made hurriedly while arranging them in the sets to be sent to the various compilers, who will critically examine and report on each schedule to eliminate errors or doubtful records. The number of observations generally indicates, however, the interest taken in the work by the respective schools. Even a few accurate observations are of value; and some of the schools sending in schedules of a low number of observations are appreciated highly as documents of scientific value. Accurate and full schedules are not only more valuable from a scientific point of view, but indicate generally a strong educational interest in the study of Nature in the school.

The teachers of Nova Scotia have already acquired a reputation beyond that of any other part of America for their voluntary devotion to and success in the cultivation of the observing faculties of the pupils under their charge. And already our first line of biologists, a few widely known already in the world, has made its appearance.

The compilers' criticisms on the observations, will, as usual appear in the April Journal. The three columns give respectively, (1) the names of the teachers, (2) the names of the school sections, and (3) the numbers of observations recorded.

The Province is divided into its main climate slopes or regions not always coterminous with the boundaries of countries. Slopes, especially those to the coast, are sub-divided into belts, such as (a) the coast belt, (b) the low inland belt, and (c) the high inland belt, as below:—

No.	Regions or Slopes.	Belts.
I.	Yarmouth and Digby Counties,	(a) Coast, (b) Low Inlands, (c) High Inlands.
II.	Shelburne Queens & Lunen'g Cos.	" " "
III.	Annapolis and Kings Counties,	(a) Coast, (b) North Mt., (c) Annapolis Valley, (d) Cornwallis Valley, (e) South Mt.
IV.	Hants and Colchester Counties,	(a) Coast, (b) Low Inlands, (c) High Inlands.
V.	Halifax and Guysboro Counties,	" " "
VI.A.	Cobequid Slope (to the south),	" " "
VI.B.	Chignecto Slope (to the n'west),	" " "
VII.	North'rland Sts Slope (to the N'h),	" " "
VIII.	Richmond & Cape Breton Co's.,	" " "
IX.	Bras d'Or Slope (to the southe't),	" " "
X.	Inverness Slope (to Gulf, N. W.),	" " "



THE TEN PHENOLOGICAL REGIONS OF NOVA SCOTIA.

REGION I.

Yarmouth and Digby Counties.

1. (a) Coast.

Marie I. G. Purney...	Yarmouth...	303
C. E. Crocker.....	Melbourne...	48
Eleanor Kavanagh..	S. Canaan...	95
Laura D'Eon.....	W. Pubnico..	55
Annie L. Ricker....	Glenwood...	75
Alice W. Firth.....	Jordan Ferry	108
Emily L. Firth.....	Jordan Ferry	102
J. M. Rose.....	Pubnico Hd..	50
Marjorie C. Smith..	N. E. Point..	58

1. (b) Low Inland.

Eva A. Randall.....	N Kemptville	46
Mabel E. Patten....	Wellington..	78
Audrey A. McCrae..	Pt. Maitland	55
Marie E. Thimot...	Little Brook	57

1. (c) High Inland.

Olive A. Rice.....	Bear River	146
--------------------	------------	-----

REGION II.

Shelburne, Queens and Lunenburg Counties.

II. (a) Coast.

Sylvie H. Morse....	Baccaro.....	73
Dorothy A. Doane..	Barrington..	79
Ethel D. Jones....	Upper Ohio..	147
Elsie C. Black....	Villagedale..	49
M. B. Greenwood..	Round Bay..	36
Estella V. Grant..	Weymouth...	92
Manta D. Decker..	Rockland....	79
Lola D. C. Golden..	Birchtown...	81
Annie B. Bethune..	Jordan Ferry	105
Jeanne Pierce....	Lockeport...	50
Ira M. Thomas....	Port LaTour..	76
Evelyn S. Kean....	Jordan Bay..	125
Avis E. Reynolds..	Brass Hill...	89
Hattie E. Latham..	Port Mouton	164
Juna P. Freeman..	Greenfield...	111
Mary A. Wyld....	Brooklyn....	86
Millie B. Freeman..	Sable River..	199

S. H. Smith.....	Port Joli...	169
J. E. Freeman.....	Greenfield...	101
Effie R. Huphman..	Black Point..	187
Sadie E. Miller....	Lunenburg...	51
Cora E. Mossman..	Lr Kingsb'g..	40
A. E. Wilson.....	East River...	109
Effie Stevens.....	East Chester	41
Beatrice H. Wolfe	E P Medway..	79
Laura P. Richards..	LaHave.....	85
Arnold A. Ernst...	Lunenburg...	74
Annie J. McLeod...	Lunenburg...	52
Lottie M. Silver...	Dayspring...	51
Eva Sarty.....	Pleasantville.	73
Winnie Freeman...	Brookfield...	83
Cora D. Fleet.....	East River...	102
Ethel L. Hirtle...	Mahone Bay..	111
T. M. Dauphinee..	Mahone.....	125
Emma M. Strumm..	Mader's Cove	42

II. (b) Low Inland.

M. M. Frellick.....	Hunts Point	125
---------------------	-------------	-----

II. (c) High Inland.

Jean S. Morton....	Shelburne...	97
E. A. Fancy.....	Upper Clyde.	50

Eva M. Joudrey....	Bangs Falls..	90
E. F. Dukeshire...	Kempt.....	137
Nettie T. Freeman..	Greenfield...	90
S. M. Boland.....	Bangs Falls..	117
Lettie P. Crouse..	Lapland.....	91
J. Marie Ramey...	Greenfield...	137
Abbie P. Kempton..	Kempton.....	98
B. J. W. Freeman..	Harmony M...	106
Hattie Acker.....	N Brookfield.	89
V. M. Hartlen....	Kempton.....	115
L. M. Kaulbach...	Bridgewater	97
Belle M. Wharton..	Chelsea.....	79
Bernice L. Deal...	Laconia.....	137
Clara E. Hiltz....	Dalhousie R.	46
Arthur W. Hebb...	Hebb's Cross	155
Ruth Murphy.....	New Ross....	106
Isabel Chesley...	N. Germany..	50
Flora M. Ernest...	Blockhouse..	81
Annie M. Shupe...	Lunenburg...	129
Minnie Selig.....	W. Clifford..	93
Minnie Lohnes...	N. Germany..	67
Ruth H. Hanley...	Greenfield...	108
Rhoda E. Sperry...	Crosetown...	135
F. M. Slaughenwhite	Conquerall M	132
Gladys B. Durland..	N. Germany..	47

Sadie B. Zinck	Lunenburg	50
Jessie Brooks	Bridgewater	130
Agnes V. Naugle	Bridgewater	110
Marion Silver	Dayspring	85
-Katie J. Whynot	Mahone Bay	68
Gladys St. C. Zwicker	Lapland	106
Gertrude Hawboldt	Marriotts C	111
Gladys I. Hirtle	Dayspring	79
Leda B. Cook	Bridgewater	87
Katie J. Heckman	Lunenburg	80
Margaret Corkum	Bridgewater	54

REGION III.

Annapolis and Kings Counties.

III. (a) Coast.

L. M. Simpson	Victory	94
F. B. Newcombe	Newcomb's	81
G. M. Dukshire	Kempton	157
G. K. Daniels	Clementsvalle	38
C. R. Trimper	Clementsvalle	32
Lydia A. Fancy	Hastings	40
M. F. Robbins	Bear River	73
Elbert J. Whitman	New Albany	59
Annie S. McGarry	Blue Mt.	35
Jessie Kendall	Lake George	107

III. (b). North Mountain.

D. May Naugler	E. Annap	115
E. McC. Potter	Clem'ntsv'le	108
A. G. Longley	Bridgetown	67
B. V. McBride	Maitland	116
Mabel E. Charlton	Nictaux Falls	83

III. (c).

Alice MacRae	Horton Ldg	59
A. D. Blich	Lakeville	112
Beatrice Jewers	Delhaven	127
M. K. Matthews	Lake Paul	107

III. (d). Cornwallis Valley.

Maud. C. Hebb	Hampton	29
Mrs. M. Parker	Fairview	82

REGION IV.

Hants & Colchester.

IV. (a). Coast.

Harriet M. Boyle	Sweets Cor.	75
Annie McLellan	Moosebrook	46
W. B. Caldwell	Summerville	117
E. B. Lockhart	L. Falmouth	109
M. A. Caldwell	Un. Corner	49
G. E. Reynolds	Cogmagun	61
H. M. Lantz	Cheverie & Kempton	59
E. C. Lantz	Pembroke	85
I. M. Finlay	Bass River	56
N. F. Bradley	Princeport	25
M. J. Barkhouse	Bass River	37
D. J. Brown	Hartford	102
M. Main	Noel Shore	99
A. J. Smith	Masstown	95
R. A. McLellan	Portaupique	81
Anna M. McKay	Waugh's Riv.	51
R. McKay	Marshville	50
Edythe Hamilton	Brule Shore	99

IV. (b). Low Inland.

J. Underwood	Greenfield	105
O. A. Isenor	Hardw'd Lds	56
M. L. Fisher	Urbania	41
R. Underwood	W.B. Falm'th	31
E. Wallace	S. Noel Rd.	138
E. M. Smith	Woodville	87
I. M. Parker	Georgefield	100
Miles A. O'Brien	East Gore	98
Luella Vance	Masstown	53
Flora B. Vance	U. Stewiacke	61
Alton School	Alton	71
A. J. Cox	S. Branch	106
E. C. Lockhart	Otter Brook	97
Bertha A. Wright	Hilden	76
M. McKinnon	Denmark	80

REGION IV.

IV. (c). High Inland.

Elsie McNutt	C. N. River	77
L. Swinhamer	Springville	32
G. M. Mattatall	E.N. Annan	108
Ethel Gray	W.N. Annan	97
L. B. Treen	Greenfield	62
A. M. Cavanagh	E. Mines Sta	39
Ada W. Thompson	Tatamag'che Mt.	114

F. J. MacCully.....	Masstown...	106
F. Blaikie.....	U. Stewiacke	
M. Campbell.....	E. Folly Mt	63
S. A. Grant.....	E. Uniacke..	81
Lydia M. Cole.....	S. Rawdon..	52
Emma M. Mariette	Ardoise.....	144
Stella M. Ballov.....	Greenhill..	121
Miriam Fox.....	U. 9 M. Riv	90

REGION V.

Halifax and Guysboro Counties.

V. (a). Coast.

Annie L. Murray...	Sherbrooke..	52
Beatrice Girrior...	L. Manches'r	116
M. F. Hartling.....	Marie Joseph	97
M. S. Worth.....	Boylston....	187
Myrtis C. Horton...	Riverside....	72
B. Mitchell.....	Boylston....	29
Hazel W. Pye.....	Liscomb....	69
Laura E. Smith.....	L Liscomb....	72
H. F. Wilson.....	Fisherman's	
	Harbor.....	74
Florence C Balcombe	P. Dufferin	79
K. M. Lowe.....	Beaver Har..	107
A. M. Parlee.....	Owl's Head..	113
S. M. Morash.....	Clam Har...	83
Joyce Webber.....	Lr Lakeville	102
Jeanette A Myers...	Hd Jeddore..	68
Esther Brady.....	W Chezzet'k.	39
R. K. Balcombe....	Cole Harbor.	64
Jessie M. Brown....	WLawrence'n	75
E. L. Goodwin.....	Bayside.....	71
Emma B. Julian....	East Dover..	183

V. (b). Low Inland.

Mary Strahan.....	U. White Hd	82
C. Winnifred Kent...	Cariboo G M	116
Annie E. Cooke....	Lewiston....	54
Nellie L. Urquhart..	Higginsville	113
J. E. M. Schultz...	Beaver Bank	94
G. H. Dickie.....	Up. Sackville	127

REGION VI. A.

Cobequid Slope.

VI. A. (a).

Mary O'Mullon.....	Parrsboro ...	93
Rivian Salter.....	Fox River ...	29
R. Benjamin.....	Wallace Sta..	57

Chignecto Slope.

VI. B. (a).

L. L. Fage.....	|Hastings....|	83
-----------------	--------------	----

VI. B. (b).

Ada F Ripley.....	|Fenwick....|	85
-------------------	-------------	----

VI. B. (b and c).

E. A. MacKay.....	|Balmoral M .|	106
-------------------	--------------	-----

VI. B. (c).

Edith G. Marsh.....	|Economy....|	29
Roxie N. Welsh.....	|Pt. Greville..|	85
C. Murray.....	|N. Earltown..|	112
K. E. Davison.....	|S. Brook....|	71
E. Suthergreen.....	|Advocate....|	85

REGION VII.

VII. (a). Coast.

G. MacLeod.....	|W.N. Annan...|	83
A. M. McCullum....	|Hastings....|	95
A. F. Slade.....	|W. Tatama-	
	|gouche....|	121
M. M. Cameron....	|W. Merig'sh	96
C. Munroe.....	|Chance Hbr..	98
B. H. Davies.....	|Sutherlands	
	|River.....|	74
L. MacLean.....	|Caribou Isl..|	30
J. MacIntosh.....	|Lismore....|	72
S. K. MacDonald...	|Harbor Rd...|	71

VII. (b). Low Inland.

M. Crowley.....	|Streets Ridge	91
M. I. Cameron.....	|U. Pugwash..	56
M. C. Canning.....	|Pt. Greville..|	188
E. M. Dixon.....	|Oxford.....|	118
H. B. McLellan....	|E. Leicester..|	84
Ruth Trerice.....	|E. Leicester..|	61
R. B. O'Brien.....	|Pt. Philip...|	100
B. Smith.....	|W. Mid'eb'ro	89
M. E. Patton.....	|Pt. Philip...|	70
F. MacLeod.....	|Valley Rd...|	118
W. J. Chisholm....	|Black Avon...|	96
Laura Elliot.....	|Rocklin.....|	187
A. F. Sellers.....	|Hodson.....|	140

G. A. Murray.....	Plainfield.....	98
Ada S. MacDonald..	Hopewell.....	410
Edith Morgan.....	Antigonish.....	92

VII. (b and c).

E. M. Pettigrew....	Williamsd'le	136
---------------------	--------------	-----

VII. (c).

H. DeWolfe.....	Carrington ..	36
E. MacPherson.....	L. Greenville	36
Catherine Tate....	Grosveror ..	144
J. L. Pushee.....	Marshy Hope	53
A. F. Inglis.....	Barney's Riv	122
E. K. McLean.....	Island.....	82
C. C. Cotter.....	Meadowville	
	Sta.....	102
C. T. Munroe.....	French Riv..	102
M. B. Thompson...	Brookville ..	82
C. V. Wright.....	Montaque....	119
A. M. Mason.....	L. Barney's	
	River.....	170
H. A. Sutherland ..	Birch Brook ..	82
S. R. MacQueen....	King's Head ..	120
C. M. Inglis.....	N. Lochaber ..	77
M. J. Bryden.....	Green Hill...	103
Ada Redmond.....	N. Gairloch..	107
A. E. Fraser.....	Springville ..	206
M. J. MacDonald...	Churchville..	41
J. H. MacBain....	Mountain R.	70
R. P. Ferguson....	6 M. Brook..	298

REGION VIII.

Richmond & Cape Breton Counties.

VIII. (a). Coast.

Mary C. Martell....	Pt. Micheau ..	33
C. M. J. Doyle....	Dominion 4..	102
M. A. Coady.....	S. Pt. Morien	105
M. E. Miller.....	Rhd. Island ..	57
W. W. Trask.....	Sydney.....	81
J. Macbrother....	Coxheath....	37
E. Power.....	Edwardsville	39
C. Lewis.....	Pt. Edward ..	40
M. MacDonald....	Beechmont ..	61
L. M. Goodwin....	Jacksonville	11
M. A. Nicholson...	Alder Point ..	61
Mary Nicholson...	Bras d'or Bdg	56
Nina A. Munn....	Little Bras d'	
	or Bridge..	89
O. M. Jameson....	Scotch Lake ..	75
M. P. McLeod....	Geo. Rvr. St	75
A. M. Fife.....	Groves Point	95

A. McDaniel.....	Mill Creek ..	53
A. B. King.....	Point Aconi ..	37
M. M. Chisholm...	Bateson.....	13
M. E. Foley.....	Gabarus.....	45
A. E. Reid.....	Garabus.....	31
M. D. Currie.....	Ben Eoin.....	98
Mamie Currie....	N.S.E. Bay ..	97
Jessie Currie....	Eskasoni ..	84
M. C. Munroe....	Benacadie ..	4
E. C. Kavanagh...	G. Narrows ..	111
C. MacInnis.....	Shenacadie ..	51
Minnie Gillis....	Beaver Cove ..	82
M. A. McDonald...	Barrach's Hb	71
C. Scott.....	Catal'ne Gut	46
Christy Morrison..	L'Arch'veq'e	81

VIII. (b). Low Inland.

K. Nicholson.....	Birch Grove ..	41
M. McKenzie.....	Broughton...	50
B. M. Holmes.....	Horn's Rd....	157
B. M. Livingstone	Caribou Msh	55
C. McLeod.....	Caribou Msh	31
M. A. Bond.....	Ball's Creek ..	45
E. A. McMullin...	G. Mira S....	80
M. E. Gillis.....	Vict'ria Bdg	79
M. M. McDonald ..	Salmon Riv.	132

VIII. (c). High Inland.

C. I. Ingraham....	Millville.....	77
M. V. MacNeil....	L'Ardoise ..	
	Hlds.....	94
Everett Nicholle..	Hureauville ..	94
F. C. Matheson....	N. Boston ..	100
J. McDonald.....	French Rd....	90

REGIONS IX & X.

Inverness & Victoria.

IX & X. (a). Coast.

A. M. McLellan....	Belle Cote...	96
J. R. McLellan....	Margaree Hb.	129
M. M. McKenzie...	St. Patrick's	
	Channel....	106
J. B. Morrison....	Tarbot.....	136
C. M. Ingraham...	Big Bank P.	
	O.....	67
Cassie Chisholm...	Craigmore....	14

X. (b). Low Inland.

Jessie A. McIntosh	Caribou.....	62
--------------------	--------------	----

COMMENTS ON THE OBSERVATIONS OF 1912.

REGION II.

Lunenburg, Queens and Shelburne Counties.

Principal B. McKittrick, B. A., Lunenburg Academy.

Eighty-three observation schedules were received from Region II. These were from the following belts:—

- Lunenburg,—Coast, (a) 11, High Inlands (c) 27;
 Queens,—Coast (a) 11, High Inlands (c) 13;
 Shelburne,—Coast (a) 17, Low Inlands (b) 2, High Inlands (c) 2.

All of these have been used in the Summary appended.

I am glad to report that the majority of these observations have been carefully made and accurately recorded. Several schedules were nearly complete and in neatness and correctness reflect credit upon the observer. Eighty teachers used the "year day" instead of the day of the month. There is no reason, however, why *all* should not have done so. Some neglected to fill in the blanks at the top of the schedule and a few forgot to give their names.

While the number of errors is gradually becoming smaller, yet some defects still exist. The following points should be observed.—

(1). Use the "year day", not the day of the month. Check the year day thus:—March 31 is 90; "Victoria Day," May 24 is 144. These are excellent guiding dates and should prevent teachers from being *thirty* days too late, as was the case in two schedules. These two teachers must have thought, March 90, May 151, etc, meant the first day of these months, instead of the *last*, as is clearly stated in the blank schedule.

(2) Do not write, st, nd, rd, th, after the days, nor the name of the month with the year day. The following is a poor entry—"Mayflower, April 102nd," Enter the day—"May Flower 102."

(3) Place the year *exactly opposite* the name of the plant, not between the names of two plants, and dash omitted dates. If the date is not exactly opposite the name of the plant, the compiler can only guess the intention. This serious fault can easily be avoided.

(4) Schedule work requires very great care in copying figures as mistakes are so easily made. Evidence is seen in too many schedules of carelessness in this respect.

(5) There is still some confusion in the observations of the following:—

(a) No. 1. Alder (*Alnus incana*) is confused with *A. virides*. The former sheds pollen early, about 90 to 110; the latter at least a month later.

(b) Blood-root (*Sanguinaria Canadensis*), Adder's Tongue Lily (*Erythronium Americanum*), and Spring Beauty (*Claytonia Caroliniana*), are not reported in this Region.

(c) N.o 8. Hepatica (*H. triloba*) is correctly reported from Cookville. It grows abundantly at Bridgewater.

(d) Red Maple (*Acer rubrum*) and Pigeon Berry (*Cornus Canadensis*) are reported too early. Probably the red buds on the maple and the white involucre of the *Cornus* were accepted as blossoms. No plant, however, should be reported "in blossom" until the stamens begin to shed pollen.

(e) Rhodora (*R. Rhodora*), Pale Laurel (*Kalmia glauca*) and Lambkill (*K. angustifolia*) are still confused. A very slight study of any good key to the flora would prevent this common mistake.

(f) No 50. Fall Dandelion (*Leontodon autumnale*) is reported too late. It is common in June.

(6) While nearly all use the year day for Plants, Meteorological phenomena, and Migration of Birds, etc, yet, strange to say, in recording the Thunderstorms they revert to the day of the month. The year day should be used entirely.

(7) The observations upon "Water in Streams," "last spring frosts," "closing of lakes and rivers" etc. shew great diversity of records.

(8) The recording of the migration of birds is very imperfect. Such a wide difference in the dates is given that it is very difficult to obtain any average at all. As the appearance of the birds does not indicate climatic differences in different sections, I feel that the earliest reliable date given should be accepted as the first sight of birds "coming in spring."

(9) St. James Ragwort (*Senecio Jacobaea*) is reported in Lunenburg county at Lakeville and Fralic's. It has not been observed in Queens nor Shelburne

(10) The Brown Tail Moth is reported from Lower Cornwall and Conquerall Mills, Lunenburg county, as "very, very few", from one section in Queens; and from Birchtown, Shelburne county. Like the Scotchman, "I hae ma doots" about the accuracy of some of these reports.

PUBLIC SCHOOL PROGRAM.

201. Three distinct terms seem to be needed:

- (1) *Program of studies*, which includes *all the studies* in a given school;
- (2) *Curriculum*, which means the *group* of studies schematically arranged for *any pupil or set of pupils*;
- (3) *Course of study*, which means the quantity, quality and method of the work in *any given subject* of instruction.

Thus the *program of studies* includes the *curriculum*, and may indeed furnish the material for the construction of an indefinite number of curriculums. The *course of study* is the unit, or element, from which both the program and the curriculum are constructed.

202. The public school program may be considered under its sub-divisions of the common school program and the high school program. These furnish a basis for the classification of pupils by the teachers and for the examination of schools by the inspectors; while they also secure a definite co-ordination of all the grades of work attempted in the public schools, thus fostering the harmonious interaction of the various educational forces of the province.

These programs are to be followed in all schools, particularly with reference to (1) the order of succession of the subjects and (2) the simultaneity of their study. The fulness of detail with which they can be mastered in each school must depend upon local conditions, such as the size of the school, the number of grades assigned to the teacher, etc. As suggestive to teachers with little experience, contracted forms of the detailed common school program for miscellaneous and partially graded schools are appended.

The public school program developed originally from the traditional systems of Great Britain and the earlier Eastern States of America, is the result of the observation and experience of representative leading teachers of the province, under the suggestion of the experiments of other countries, and the criticism of our teachers in provincial conventions assembled for many years in succession. A system developed in such a manner must necessarily in some points be a compromise, and presumably therefore at least a little behind what we might expect from the few most advanced teachers. But it is also very likely to be a better guide than the practise of a majority mechanically following methods which do not adapt themselves to changing conditions, and which vary merely according to the accident of local and uncoordinated caprice. The orderly development of each study is intended to keep pace with the child's mental growth while the simultaneous progression of studies is designed to prevent monotony and one-sidedness, to render possible the orderly and systematic organization of knowledge, and to produce a harmonious and healthy development of the physical, mental and moral powers of the pupil. The apparent multiplicity of the subjects is due to their sub-division for the purpose of emphasizing leading features of the main subjects which might otherwise be over-looked by inexperienced teachers. The courses have been demonstrated to be adapted to the average pupil under a teacher of average skill. The teacher is, however, cautioned to take special care that pupils (more especially any prematurely promoted or in feeble health) should not run any risk of "over-pressure" in attempting to follow the average class-work.

Any subject deemed desirable on account of local conditions may be added to the general program by the local school board with the approval of the Education Department.

Changes in these courses of study must always be expected from year to year, but to a very small extent, it is hoped, except in the prescription of certain texts in the high school program. These will be published from time to time in the bulletin of the Department, the **Journal of Education**, published in April and October of each year.

GENERAL PRESCRIPTIONS.

203. To make the best use of the program, the teacher must interpret it not as a mere list of perfunctory studies but as an endeavor to indicate the nature and scope of such intellectual, moral, social, and physical activities as are calculated to fashion satisfactory types of Canadian manhood and womanhood. He must regard his duty as that of cultivating human beings, not merely teaching 'subjects.' He must accordingly, keep in mind that culture comes not so much thru knowing as thru feeling and doing; that education is not so much a process of instructing as of directing the activity of childhood and the growth of desirable personality.

In respect of method, the teacher must convince himself that the healthiest and surest growth comes thru self-activity, and that self-activity—the spontaneous activity of the child—can be derived only thru interest. Interest in a subject or phenomenon being, in its turn, dependent upon the child's stock of ideas or experiences cognate to the ones sought to be presented, it follows as a principle of the highest importance that instruction should, wherever possible, proceed by the use and in the light of those concrete realities, experiences, facts, or ideas, already in possession of the child or obtainable within his near environment.

No *written* exercise should be accepted from any pupil unless the evidence is clear that a serious and more or less successful attempt has been made to have the writing carefully neat, with due attention to good form in every detail—margins, paragraphs, indents, punctuation, spelling and grammar, etc. Otherwise, a possibly brilliant pupil may be accidentally developed into a bungler.

204. Reading and Elocution. Properly conducted, the reading lesson will influence beneficially all the recitation and conversation of the school, and will have a permanent effect upon the language of the pupil. The teacher should, in the first-place, see to it that his own speech and reading furnish an example of deliberate, well-uttered language, and of meaningful, expressive reading. He must, therefore, cultivate the power of hearing himself as well as his pupils; and he must be constant in the correction of faults of utterance, tone, and expression. Correct accentuation is but a slight element in the pronunciation of a word. Faults of pronunciation will be found to consist more often in false quality of vowels, suppressed or obscured syllables, nasality, and throatiness. The teacher should never leave his desk in order to catch what a pupil has read or spoken. It is the pupil's business to make himself heard by the whole school. In so doing, he will have, too, all the better opportunity to hear his own voice and to profit by criticism. Easy but correct bodily posture is important.

It should not be overlooked that a reading book loses interest with each review. Accordingly, where it is not intended to use a supplementary book, it is better that the reading should proceed with thoroughness and with only moderate rapidity.

The emotional and literary element in the prescribed readers increases with each grade. This is of purpose. The reading-class is a literature class, and is intended to provide a medium for emotional expression. In this connection, the careful study and memorizing of choice passages suitable to each grade is important. These, thru study, contemplation, and recitation, will not only give pleasure and afford training to the learner, but will serve later as touchstones of literary merit. In high school grades, choice passages should be memorized and recited in every foreign language studied, from the earliest stage possible.

205. Spelling and Dictation. It must be kept in mind that spelling is learned solely for purposes of writing, and that ability to spell aloud is sometimes associated with inability to spell with a pen. Some pupils are ear-minded, some

eye-minded. Drill them in writing from dictation, and confine effort to such words as are likely to be used. Practise in the early grades should center around the words and sentences of the reading lesson, with special attention to words of similar sound but different spelling. Learning word-lists with meanings, has little value. Far better, practise the pupils in making expressions in which each of the words is properly used. While not called upon to teach any other forms of spelling than those of the school reading-books, the teacher should not mark down or in any way penalize a pupil who uses any spellings authorized in preceding numbers of the *Nova Scotia Journal of Education*. Special exercises should be provided for practise in all words which the pupil is likely to use in correspondence.

206. English Language. By the end of the sixth year, pupils should be able to express their thoughts grammatically, in finished sentences, and coherently. This result will be achieved, however, only where from the first grade onward the teacher is diligent in maintaining standards of correct thinking and speaking. An answer that is only a hint should not be accepted from a pupil; let him complete his statement. If his answer is a series of incomplete and disconnected thoughts, indicate to him a better order, a means of connection. Following this practise, every lesson becomes in some measure a lesson in language, in oral composition. But do not correct the pupil while he is in process of thinking; and do not correct the same pupil too often or to the point of discouragement.

Written composition is not a distinct and separate subject. Where oral composition is attended to, the written composition is merely the added matters of penmanship, punctuation, capitals, and, later, paragraphs. Written composition attains its chief end in the common school when the pupil is able to write ordinary business, private and social letters, correctly and with the customary forms of courtesy. Written exercises should always be brief; otherwise, it is impossible to examine them. As far as practicable, errors or deficiencies should be merely indicated by the teacher, the correction or completion being assigned to the pupil as a new exercise.

207. Writing. The earliest efforts in making letters and words are efforts in drawing. At this stage, therefore, except for blackboard exercises, the finger movement must be relied upon. When the pupil's perception of the forms and connections of the letters is fairly definite, transition should be made from the finger to either the wrist or the forearm movement—preferably to the latter. In the meantime, freearm practise should be given as indicated in the special prescriptions for grades II, III and IV. This movement required that the whole length of the forearm be upon the desk, its weight resting upon the pad of muscle as the pivot upon which the arm should move.

Ornament, shading, and flourish in writing, are no part of the requirements. Penmanship must be pronounced excellent when the letters are correctly formed, when the movement is fluent, and when there is uniformity of height and of slant.

There are twenty-six small letters and twenty-six capitals. Do not, therefore, increase the child's difficulties by introducing new or bizarre characters. Choose the simplest and most legible forms; use these and these only; and insist upon these being used by the pupils. Do not allow the school to see any untidy or careless writing on blackboard or elsewhere. Take pains with your own writing and be vigilant and exacting with pupils. If shorthand is taught, it should be the Sir Isaac Pitman system only.

208. Drawing. The purposes of school drawing are, (a) to develop in the pupil perception of form and color thru practise in reproducing these; (b) to continuously increase his capacity for enjoyment of form, color, arrangement, etc., in nature, industry, and art; (c) to train him to use pencil and simple mathematical instruments to express on paper both approximately and with geometrical accuracy his conceptions of form and dimension, original and derived; and, conversely, to enable him to interpret sketch-plans and simple working-drawings.

Teachers lacking gift or training will do well to have some good drawing series as a guide; e. g., Prang's series. Where the teacher's art is sufficient to make drawing attractive and interesting, no book is needed by pupils except a

blank-book of coarse textured paper. But if the teacher's example and instruction fail to attract and hold, pupils should have a book of drawings of graduated difficulty.

209. Arithmetic. The first essential is accuracy in the fundamental processes; the second, rapidity in applying them; the third, clearness in expression. Absolute accuracy must be insisted on from the outset. Proceed slowly and only from thoro mastery of what has gone before. Observe that the Unitary Method is not an end in arithmetical teaching; it is only the basis of those quick methods or rules which at the proper time, should displace it. 'Mental' arithmetic is the primary process, and it should be abundantly practised in every grade and with every sort of operation and problem.

Above all things, start from concrete objects, dimensions, relations, and keep your problems for the most part within the field of the familiar and the generally useful. In this connection, it will be found possible, by dealing with the problems of farm, trade, industrial process, shop, bank, etc., to impart incidentally a good deal of knowledge concerning costs and values, weights of substances, quantities of materials requisite in construction or decoration, and the like.

Note that a new lesson or process is never entirely new, even to the child. Last day's lesson, or some former lesson or experience may have prepared the child. In every new topic you introduce make use of the child's previous knowledge or experience. Note, also, that the approximate result of a problem should first be sought mentally; for the learner will thus be provided with an efficient corrective to glaring error in written calculation, especially if decimals are involved.

210. Nature Study. It is inherent in our character and our culture to desire to comprehend man's relations to the universe, organic and inorganic. Interest in nature is spontaneous, even in childhood. Again, material and social progress are concurrent with increase of knowledge and increased control of nature and natural agencies. Thus, we are furnished with two motives to nature-study—the purely cultural and the cultural-utilitarian. Whichever motive impels us, the one true method of study is thru direct contact and observation. The aim is not to amass *statements of fact* or even to gather *facts* about nature, but rather to cultivate an attitude toward nature, a disposition to inquire at first-hand, and a habit of caution in forming judgments about things.

In the early grades, the teacher need not bother much about consecutiveness and coherence in the lessons, or with trying to reveal the principles at the basis of phenomena. He may rest content with providing interesting material for observation; with bringing the child into the presence of phenomena appropriate to his powers of observation; with directing and maintaining attention; with stimulating inquiry; with encouraging his proprietorship and control of materials and forces. The time will come in the upper grades when the abundance and diversity of experiences in each department of observation—plant, animal, insect, mineral, physical—will permit and necessitate the grouping and systematizing of promiscuous knowledge into the inductions of elementary science. In the early grades, therefore, explanations do not need to, and should not, go far into causes. Causes and principles should be postponed until the circle of experiences in each connection is large enough to permit of applying the processes of generalization and induction.

In the choice of topics and sub-topics in the several grades, the interests of the children, the availability of materials, and the natural features of the school district will largely govern the teacher. But preference should generally be given to biological rather than to purely chemical and physical phenomena; for the former, by making a larger call for originating power on the part of the teacher, will ensure a freshness of treatment and a spontaneity of interest mainly wanting where the teacher undertakes merely to reproduce the hackneyed topics of physics and chemistry text-books. In the upper grades, some purposeful attention should be given to the more obvious relations and applications of science to agriculture, horticulture, and other staple pursuits.

In schools where there is only one teacher, there should not be more than four grades of nature-study,—three will suffice. Further, it is to be observed that lessons designed chiefly for higher grades will prove in part intelligible and therefore profitable to the pupils of the lower grades.

211. Geography and History. The facts of geography and history—even of school geography and history—are too numerous and extensive to be memorized verbally. Both these studies should begin with the direct observation and consideration of the home-district. Comprehending the larger and more obvious features of his geographical and civic environment, the child will then be in a position to look wider afield. Beginning at home, geography and history may with profit continue to be a study of contrasts and comparisons of distant lands and of events remote in time with those of our own neighborhood, nation, and era.

In geography, facts will group themselves into three chief divisions; the dynamical and physical; those of locus and boundary; and those of society and industry. The latest and highest task will be that of discovering the relations between these three categories. In the upper grades, where the text-book is prescribed, the teacher must be cautious about accepting as knowledge the pupil's ability to reproduce the statements of the book. Here, too, the interpretation of the map should form one of the important exercises.

In the history of the highest grades, a few great events and dates in each succeeding epoch should be seized upon as waymarks of political and social progress, and as reminders of chronological order and lapse of time. Around these, should circle the facts of dynasty, accession, war, treaty, discovery, invention, exploration, literary activity, etc. Endeavor to make the facts of history in each epoch reveal to the utmost the contrast with our own time in point of individual liberty, religious tolerance, democratic power and privilege, industry and commerce, means of communication, material comfort, and education. Current events, or occurrences of social, economic, or scientific import should be given the same serious attention as is given to the past.

212. Manual Training. In many schools the teacher will be able to set aside weekly a period varying from twenty minutes to one hour and a half for constructive exercises in paper, cardboard, wood; for needle-work or cookery; for modeling in clay or plasticine; for mounting natural history specimens; for shorthand. In the effort to put the whole child to school, manual or hand-and-eye-training counts for much. In cases where only the minimum time is taken from the school-day, teachers should encourage the pupils in home gardening, home needle work, construction of home-made articles, of apparatus, boxes for natural history collection, blank books for mounting plant specimens, etc.

213. Moral and Patriotic Duties. To be inculcated as enjoined by our religion, and as professed by the teacher in his application for license. Separate lessons need seldom be given, if the episodes of history and literature, passing events, the daily happenings of the school, and matters of personal example and conduct are properly utilized. Empire, Dominion, and Arbor days afford special opportunity for dwelling upon the duties of the individual towards his home-district, his country, and his race. The publications of the Moral Education League may be found useful—6 York Buildings, Adelphi, London, W. C., England; also, of the Duty and Discipline Movement—117 Victoria Street, London, S. W.

Good Manners are one of the first and most conspicuous evidences of education. In only the smallest sense are they merely conventional and arbitrary. They are, in reality, founded upon an intelligent conception of our moral and social order. The power of self-effacement at the proper time; of comporting oneself fittingly in public and towards age, youth, and rank; of giving precedence to women; of applauding merit no matter where found; of presenting a cautious attitude towards gossip and disparagement,—these good manners, wherever displayed, are evidences of moral insight and control, and are worthy of unremitting study and effort. It is intolerable that a teacher should disregard the

importance of example and instruction in respect of his pupil's conduct in these matters.

214. *Hygiene and Temperance.* Appropriate work for each grade should be taught from the "School Hygiene" text prescribed.

It is fundamental that the teacher should

(a) exemplify in his person habits of scrupulous cleanliness, of tidiness of hair and apparel, of easy and correct posture and movement;

(b) to see that the trustees provide for the regular and frequent cleaning of the rooms;

(c) be conversant with the physiology and hygiene of fatigue;

(d) manifest a constant concern for the proper heating and ventilation of the school-room; the supply of clean drinking-water; the cleanly habits of the pupils; their frequent refreshment by means of recesses and brief physical exercises; their games; their gait and posture;

(e) in the upper grades impressively explain the nature of germ diseases and of protective measures; also, of first aids to injured, fainting, and drowned persons;

(f) emphasize the moral, physical and economic loss accruing from intemperance; and

(g) warn pupils against narcotics and alcohol disguised in patent-medicines.

215. *Physical Exercises and Squad Drill.* Physical exercises must not be regarded as skills to be acquired by the pupil. Their purpose is for physical development and for recreation (i. e. for recovery from the mental and physical fatigue attendant upon school-tasks and the continued sitting posture). While not intended to displace the free sports and games of the playground, the recreative and moral values of which are unexcelled, they provide for a more complete and better balanced physical development than do the chance games of children. Brief physical exercises of two or three minutes' duration should be given every hour. Windows and doors should be open, and such movements as create dust should not be chosen for indoor practise.

The elements of squad-drill, such as column-formation, marching, wheeling, etc., should be practised outdoors in good weather. No school-work however excellent can be marked high where the inspector fails to obtain evidence of satisfactory squad-drill. Play should also be carefully and skilfully supervised by the teacher or his most competent pupils for such class leadership.

216. *Singing.* Inspectors should accept no excuse for the absence of singing in a school. Whether the teacher is ignorant or not of musical notation, he can hardly be so defective musically as to be unable to secure properly timed, expressive singing by ear. If necessary, the teacher should exchange services with some colleague who will conduct the school singing, teach the air, or, better, teach the musical notation. At worst, one of the older pupils may be made use of. Each year, the pupils should be put in possession of several good songs or hymns; and each year, where the teacher has some musical knowledge, the pupils should make a definite step forward in the interpretation of the sol-fa, or of the staff notation, or of both.

Part-singing need not be attempted until grade VII or VIII. The teacher should train himself to be a good listener; at any rate, to observe when pupils are merely shouting, not singing.

217. SPECIAL PRESCRIPTIONS FOR COMMON SCHOOL GRADES.

Grade I.

Reading. First, from blackboard; later, from Reader No. 1; brief phonic practises and word-building to accompany.

Language. Directed conversation centering around nature topics and children's homes, between pupil and teacher and among pupils themselves (a) to promote familiarity and freedom from restraint (b) to cultivate distinctness and purity of utterance (c) to develop a sense of grammatical correctness and a perception of the sentence (d) Recitation from memory of appropriate portions.

Writing and Drawing. Careful copying of letters, short words, and easy sentences used in phonic practise, chiefly on blackboard. Drawing in mass with colored-crayola, to illustrate the language and nature lessons; stick-laying, paper-folding.

Arithmetic. Perception of number and number relations thru use of objects, counting objects, adding, subtracting, doubling, trebling, halving, quartering, etc.,—the processes to involve generally numbers no higher than 20.

Nature. The seasons, as they pass; and occupations appropriate to each. Direct observations of sky, weather, germination and growth, flowering and fruiting, coming and going of birds and butterflies. Perceiving substances as heavy and light; colors as red, blue, green, yellow. Elementary hygiene; cleanliness, eating and drinking; care of eyes, nose, teeth.

Music, etc. As under 'General Prescriptions.'

Grade II.

Reading. Reader No. II. Brief phonic exercises covering most of the consonant and vowel sounds; word analysis and word-building; names of letters of alphabet.

Language. As in grade I, continued, avoiding repetition and monotony.

Writing and Drawing. As in grade I, continued, Free-arm practise in repeated ovals or o's, in vertical or slanting strokes; in repeating connectedly the strokes that compose the first parts of the letter *n*; the letter *i*, the letter *e*. Mass-drawing, as in I; Drawing of squares, rectangles, circles.

Arithmetic. As in grade I, with numbers up to 1000. Drill in addition table and in multiplication table to 'six times twelve.' Measuring with the foot-rule.

Nature. As in grade I.

Music, etc. See 'General Prescriptions.'

Grade III.

Reading. Reader No. III. Occasional phonic practise, as in I. Increasing attention to expression in reading and reciting.

Language. As in preceding grades, with enlarging perception of the sentence; Practise using the connectives *and*, *but*, *because*, *if*, *when*. The perception of name-words or nouns; common nouns and particular or proper nouns. Recitation, written exercises, correction of speech errors.

Writing and Drawing. As in grades I and II., with added free-arm practise of the elements composing script letters, and of short easy words without looped letters. Drawing and coloring, as in preceding grades; also, easy outline drawing; drawing squares; rectangles, circles, triangles, of given dimensions; construction exercises in paper and cardboard.

Arithmetic. Notation and numeration to 100,000; multiplication table completed and applied to concrete as well as to drill-problems; short division. Measuring in feet and inches; estimating lengths and distances. Dollars and cents.

Nature. The weather chart; position of sun at different seasons. Wild flowers recognized; sprouting of seeds, opening of bulbs, buds, and blossoms, observed in schoolroom; growing plants from slips; fruits and seeds; how seeds travel; domestic animals and birds described. The neighborhood and its surface features noted and sketched on horizontal and later on blackboard. Hygiene; pure air and breathing; structure, use, and care of the teeth; water, tea and coffee, alcoholic drinks.

Music, etc. As in 'General Prescriptions.'

Grade IV.

Reading. Reader No. IV. Exercises in utterance and expression, as in grade III. Spelling, etc., as in 'General Prescriptions.'

Language. Short stories reproduced orally and in writing. Brief oral and written descriptions of things seen and done in the nature class, on the farm, or in any industry. Writing short letter to schoolmate, to teacher, to dealer ordering goods; attention to period, question-mark, comma, capitals, abbreviations. The sentence; subject and predicate; noun, pronoun, verb (in finite relation only). Correction of errors of speech.

Writing and Drawing. Copy-book practise for form and connexion of letters; free-arm practise on loose paper for fluency. Plan of schoolroom showing teacher's desk and other details; plan of schoolground with road and school-house. Drawings to easy scale. Drawing flower, fruit, and animal forms, and of borders and patterns formed by repeating or alternating these. Free cutting, from colored paper, of simple figures; mounting these; making a blank-book, a cornucopia, a wall-pocket, etc., needlework.

Geography and History. Observe closely the physical features of the neighborhood, especially the natural drainage; inter-relation of slope, brook, swamp, pond; industries, means of communication and main routes of travel in Nova Scotia. The larger natural features of Nova Scotia. The outer world; oceans, continents, Canada, the British Isles, the United States. Sand maps and wall maps. Stories of explorers, heroes, the early settlers, settlements and conditions of life. The lapse of time; lifetime, century, A. D.

Arithmetic. Notation and numeration extended; continual drill in the four fundamental operations, written, and 'mental' for accuracy and speed. Long division, easy factoring, long and avoirdupois measures. Practise in measuring involving half, quarter, eighth; problems of home and shop. Judging lengths, distances, weights, values.

Nature. Study of flowers and plants, as in grade III, parts of flower and purposes; trees, grasses, shrubs. Life history of two or three common insects observed and studied; e. g., housefly, cabbage and currant worms. Birds; identify four by plumage, song, food, habits. Four common rocks or minerals of Nova Scotia.

Music, etc. See 'General Prescriptions.'

Grade V.

Reading. Reader No. V. Perception of poetical rhythm and of varying vowel-length.

Language. Oral and brief written exercises, as in grade IV but with attention to form and detail. Narration of the doings of any holiday, outing, etc. Orderly description. Simplest letter-writing, business and social, with attention to courteous forms of expression, punctuation, paragraphing. The parts of speech and the more obvious relations between words; i. e., the adjectival, the adverbial, the objective, the possessive, the subjective.

Writing and Drawing. Writing, as in grade IV. Easy drawings to scale, with measurement of rectangular surfaces. Mass-drawing of objects significantly

grouped. Designing (a) by repetition of easy forms, as in wall-paper; (b) by disposing figures, leaves, etc., symmetrically within a square or oblong. Careful outline drawings of cup, vase, hammer, ink-bottle, etc. The more obvious foreshortening of circular and square surfaces. Paper and cardboard construction of regular solids and useful articles; working-drawing of, say, a wall-bracket, needlework.

Geography and History. The school-section, its physical features, its industries. Similarly, Nova Scotia, its towns, rivers, distances, industries, products, means of communication. North America, with Canada in slight detail. The poles, the equator, latitude. Leading events of Nova Scotian history; the Indians; our racial origins, explorers, pioneers, primitive conditions.

Arithmetic. Drill for accuracy and speed. Multiplication, addition, subtraction and division of fractions, vulgar and decimal (easy problems) presented in concrete and abstract. Canadian money.

Nature. Plants; weeds and their habits; conception of family in plants; e. g., the *cruciferae*. Comparative studies of domestic animals and birds; injurious insects; common minerals; rock and soil; the magnet, the compass; the heavenly bodies; the candle-flame; oxygen and carbon-dioxide; ventilation. Hygiene, as in text in pupil's hands.

Music, etc. See 'General Prescriptions.'

Grade VI.

Reading. Reader No. VI. Rythm and rime more carefully noted; vowel quantity or length.

Language. Oral and brief written exercise, as in Grade V. The verb, its three tenses; its principal parts, with stress upon compounding with the past-participle only, to form new verbal locutions. Number, case, person, and errors of syntax involving these. Those few rules of syntax which avail in correcting wrong forms of speech. The several parts of speech. Practise in use of connectives.

Writing and Drawing. Copy-book and free-arm practise, as in Grade V. Pictorial sketching, in mass, of incidents in child-life. Line drawing of flowers and their parts, vases, articles of furniture. Perspective of cube, rectangular solid, house, road-way, doorway, trees in field, etc. Mathematical drawing; drawing to scale; working-plans for wood and cardboard construction, as in Grade V. Needlework and constructive exercises.

Geography. The continents and oceans; European countries, capitals, rivers; the British Empire. Canada, in some detail, geographical, racial, industrial, commercial, civic. Longitude; the seasons; unequal day and night observed, without detailed explanation; latitude and elevation as affecting climate and products. Map interpretation.

History. Lives of great Canadians. The chief migrations to Nova Scotia, Canada, and New Brunswick; French, English, German, Scottish, Loyalist. The American Colonies and the Revolution. Other British colonies. France and her colonies. Story of England to Cromwell's time. The relative antiquity of British, Roman, Greek, Egyptian, and Babylonian civilizations. Rudimentary notions of government as obedience to authority.

Arithmetic. Fractions, vulgar and decimal, mentioning rate per cent. Weights and measures, completed, with practical exercises and concrete application. Cubical content.

Nature. Continuation of work of Grade V. Hygiene, as in text.

Music. See 'General Prescriptions.'

Grade VII.

Reading. Prescribed selections. Special attention to vowel length. Metrical accent observed. Metaphor and simile recognized.

Language. Composition, as in Grades V and VI. Synthesis of sentence. Practise in use of connectives; *however, moreover, still, nevertheless, in view of*, etc. Inflection. The phrase and clause functioning as noun, as adjective, and as adverb. Enlargements and extensions. Letter-writing, business and social; punctuation.

Writing and Drawing. As in preceding grades, with much practise of free arm movement and attention to connecting and spacing and to uniformity of height and slope. Drawing, as in Grade VI, but involving increased skill. Designing and decorating oil-cloths, book-covers, wall-brackets, paper knives, photograph frames. Construction in cardboard and wood; working-drawings. Linear (freehand) perspective drawing, and color-work, needlework.

Arithmetic. More difficult problems in weights and measures; square root; percentage, and its applications to interest, taxes, discount; promissory notes mensuration of surfaces.

Geography. Home geography, physical and dynamical; Civics; federal and provincial governments; social and philanthropic institutions, and moral reforms.

Countries of North and South America, especially those of commercial importance.

History. Canada, its great events and personages, from 1713 to 1867. England, from Cromwell to George III, with story of American Revolution as in Brief History of England, with interpretation and explanation by teacher. Renewed reference to ancient peoples and bible-lands.

Nature. Continuation of study of plant, animal, bird, and insect life—additional types to be studied, and family relationships noted. Structure of flower; pollination; usefulness of bees and other insects, of wind, etc., in pollination. Soils studied; chemistry of air, of flame, of water. Hygiene, as in text.

Music, etc. See 'General Prescriptions.'

Grade VIII.

Reading. Prescribed selections. Meter and rime; careful discrimination of vowel-length; simile, metaphor, personification, and allegory. Private reading discussed.

Language. Oral and written composition, as in preceding grades. Description of mechanical and industrial processes, of playing of games, of life histories of insects, of natural features of district; letter-writing; abstracts and synopses; synthesis of sentences. Practise in use of connectives; e. g., *therefore, accordingly, altho, in spite of, if, provided*, etc. Grammatical relations between words in sentences; complex sentences, orderly parsing and analysis revealing only the more obvious relations. Punctuation.

Writing and Drawing. As in Grade VII, with the addition of conventionalizing of natural forms as in historic ornamentation, borders, rugs, wall-papers, etc.; occasional rough sketching from nature. Constructive exercises and needlework as in Grade VII.

Geography. Latitude and longitude, how determined; seasons, long and short days, explained.

Europe, especially the British Isles, France, and Germany, and our commercial and racial relations therewith. Asia, especially Palestine, Japan, China,

India, Persia; Africa, especially the South African Dominion, Rhodesia, Egypt, Morocco, Tripoli; Australasia and the island colonies of Britain. Commercial geography; lands, routes, means of transport, peoples, languages, products. Government, trade-treaties, tariffs, postal systems.

History. Canada from 1867 with review of important events since 1713; England from George III to the present time, as in *Brief History of England*, with interpretation and enlargement by teacher, and with review of important events since Cromwell. The principles of representative and of responsible government.

Arithmetic. Metric weights and measures and their English equivalents. Application of percentage extended; stocks, debentures, insurance. Mortgages, bills of sale, notes, paper money, methods of remitting money; day-book, cash-book, and ledger entries. Algebraic notation and the evaluation of formulas, especially the use of x to solve easy problems as equations.

Nature. As in grade VII, with added orders and families of plants, insects, animals, birds. Cross and longitudinal section study of bean, corn, woods. Effects of seed selection; of fertilizers. Injurious insects and weeds and methods of extermination; insects as disease carriers, blights and fungus diseases of plants; fungicides. Birds as the farmer's friend. The thermometer, the barometer, the rain-gauge, electricity, magnetism, solar heat, storms; tidal phenomena. Hygiene, as in text.

Music, etc. See 'General Prescriptions.'

218. OUTLINE OF TECHNICAL COURSES FOR 1914.

(Which may be Substituted for the Regular Grade Work in the same subjects.)

MECHANICAL DRAWING.

Grade VII.

Plate I. Use and care of different instruments; exact measuring of lines; drawing of lines to exact given length; drawing circles of different radii.

Plate II. (Drawings full size).

1. Shaft key, $\frac{1}{2}'' \times \frac{1}{2}'' \times 4''$;
2. Square anchor-bolt washer with hole;
3. Round stamped washer, $3''$,— $1''$ hole;
4. Hexagonal blank nut;
5. Blank pipe flange, four holes, $6''$ outside diameter.

Plate III. Lettering exercise, 60° ; plain block letters.

Plate IV. Introduction of the principles of projection and of hidden and dotted lines.

All work to be third angle projection.

All drawings full size.

Plan, elevation or section of the following:

1. Shaft key, $4'' \times \frac{1}{2}'' \times \frac{1}{2}''$;
2. Hexagonal blank nut;
3. Blank pipe, flange, 6 holes.

Plate V. Further practise in work similar to that of former plates, drawings full size.

1. Threaded bolt $5'' \times 1''$ square head and hexagonal nut off;
2. Same with nut on;
3. $6''$ pipe clamp—two views drawn half size.

Plate VI. Ideas of drawing to different scales and conventional signs, introduced.

1. Lap joint $\frac{1}{2}$ " boiler plate, two rivets, round heads, plan and section;
2. Eye-bolt—two views.
3. $3\frac{1}{2}$ " cast iron plug, plan, elevation and section.

Plate VII. Ideas similar to last plate.

1. Safety set collar for 2" shaft; plan, elevation and section thru set screws;
2. 3" tee joint for flanged pipe, elevation and plan, half size;
3. Cast iron clamp box, half size.

Plate VIII. Geometrical problems using only ruler and compasses.

1. Drawing perpendicular to a line—from a point;
2. Bisection of an angle;
3. Proportional division;
4. Drawing triangle having given three sides;
5. Drawing parallel lines.

Grade VIII.

Plate IX. Review of principles taught in grade VII.

1. Bushing, hole $1\frac{1}{2}$ " x $\frac{1}{2}$ " x 4";
2. Packing nut from a valve;
3. Wire-rope sheaf, 6" in diameter;
4. Piece of octagon tool steel, 4" x $1\frac{1}{2}$ ".

Plate X.

1. Wrought iron crank; two views, drawn full size.
2. Flanged pipe coupling threaded, bolts and nuts in place; elevation and section full size.

Plate XI. Plotting. Introduction of Protractor.

1. Measure given angles.
2. Plot angles of 10° , 18° , 57° , $30'$, 105° , 169° .
3. 3 to 9. Plotting triangles and quadrilaterals from data supplied.

Plate XII. Mensuration and measurement of heights and distances. 1 to 9. Problems, data to be obtained by pupils as directed by teacher.

Plate XIII.

1. Hand wheel of "globe valve," 9" in diameter, two views.
2. Development of 90° stove-pipe elbow, 2 pieces.

Plate XIV.

1. Flanged shaft coupling; three views plan, end and section.

MINING SCIENCE.

Grades VII and VIII.

1. Preparation of oxygen from Mercuric oxid. Show effect of burning splinter, charcoal, sulphur and iron wire.
2. Prepare carbon dioxid. Show properties and test.
3. Preparation of nitrogen. Show properties.
4. Atmosphere. Show that it contains the three gases previously studied.
5. Prepare Hydrogen. Show properties.
6. Water. Composition as shown by analysis, electrolysis and synthesis.
7. Combustion. Burn Zinc dust, magnesium, etc., to show that burning gives a gain in weight. Burn charcoal and test product.

8. Examination of a flame to learn its parts.
9. Effect of cold body and gauzes on a flame.

Grade VII.

Physics.

1. Forms of matter. Show that form depends on conditions. Practically illustrate by water, lead, sulphur, naphthelene, etc.
2. Effects that changes of temperature produce on the length, diameter, volume, etc., of solids, liquids and gases.
3. Construction and uses of a thermometer. This must be illustrated by actual construction of a thermometer.
4. Modes of transmission of heat, illustrated by experiment and discussion application to the industries and to every-day life.
5. Diffusion in liquids and gases. Illustrate by colored liquids.
6. Weight of air, demonstrated by actual weighing.
7. Barometer. Construction and practical application.
8. Boyle's Law worked out from experiments with a Boyle's Law tube.

Grade VII.

Physical Geography.

The earth as a globe; the atmosphere, climate, temperature, seasons, weather; the ocean, currents, waves, tides; the land, continents, rocks, wearing away and building up of land, plains, coastal plains, wells, action of rivers, faults, mountains, life history of mountains, folded mountains, valleys, volcanoes, lava; rivers and valleys, underground water, geysers, deltas, history of a river; waste of the land, formation of soil—floods, lakes, effect of winds, deserts, glaciers; shore lines, reefs, elevation and depression of land; earth's magnetism.

Different kinds of rocks, interior, exterior; volcanic and sedimentary.

Rocks classified according to their method of formation;

Volcanic	Granite.
Deposited by water	Sandstone.
	Slate.
	Limestone.
	Conglomerate.

Formation of coal:—story of the formation of coal in its simplest form.

Grade VIII.

Physics.

1. Review of work of grade VII. The experiments in heat are here to be performed quantitatively as far as possible. Barometer, diffusion of gases, and Boyle's Law reviewed with a fuller discussion of their uses in the industries.
2. Pumps—Common Lifting and Force—introduced and their construction and action explained.
3. Experiments in the weight of equal volumes of different substances. Specific gravity and its application.

4. Mechanics and Machines.

(1). Experiments with levers to show their uses and advantages. Bring out the relation between lengths of arms and loads.

(2). Classes of levers. Illustrate by models and, as far as possible, by practical application in machines.

(3). Experiments with the wheel and axle and windlass to bring out construction, relation of parts, uses and advantages. Here note particularly their practical application.

(4). Experiments with inclined plane to bring out the relation of power and resistance to height and length of slope.

5. Screw—construction and practical application.

All the work outlined above must be thoroughly illustrated by experiments and its practical application to modern industry clearly pointed out.

Grade VIII.*Physical Geography.*

Thoro review of work of seventh grade with a much more detailed treatment. Earth-solar system, history of descent of earth from a body like the sun.

Glaciers; glacial history of Nova Scotia.

The sea and sea shores, sea deposits. Movements of the earth's crust, folding, faulting, earthquakes, volcanoes, underground structures of volcanic origin.

Different kinds of rocks;

Volcanic:—Quartz, Granite, Syenite.

Aqueous:—Conglomerate, Sandstone, Millstone Grit. Shale, Slate, Fireclay, Marl, Limestone.

Earth's history as told by geology.

Common fossils, kinds and significance.

Simplified story of various ages.

Recent:—Quaternary (appearance of man), Tertiary (age of mammals), Cretaceous (age of reptiles).

Middle:—Jurassic, Triassic.

Primary:—Carboniferous (age of luxurious vegetation), Devonian (age of fishes), Silurian (age of shell fish), Cambrian (age of simple life, worms, etc.).

Foundation:—Archaeon.

How to know common minerals such as pyrite, quartz, calcite, mica, hematite, magnetite, chalcopyrite, fluorite and galena.

—This course, which at the option of any school board can be substituted for the corresponding work of the regular course of study for the public schools, will probably be extended next year into grade IX. In this event, optional examination papers will be provided, to be taken as substitutes for the corresponding regular high school papers of grade IX.

[Optional questions will be provided in the County Academy Entrance Examination papers, for candidates taking these substitution subjects instead of the corresponding ones of the regular course].

SUGGESTIVE CONDENSATIONS OF COMMON SCHOOL PROGRAM.

219. FOR A COMMON SCHOOL WITH ONE TEACHER.

Ungraded, "Miscellaneous," or "Rural" School.

There should never be more than five classes or divisions in any branch of the program in such school. No matter what conditions may have obtained during the past term, the new teacher should promptly set about organizing the school after a manageable fashion. Generally, the obstacles to reducing the number of grades will be found in the subjects of Reading and Arithmetic, especially in the former, because any setting-back of pupils in reading is likely to be resented by parents as well as pupils. Putting the child forward a grade in reading is a procedure not so likely to cause offence; accordingly, reduction to the number of grades may often be accomplished thereby. Another difficulty arises from pupils coming in after the term has well started. This minority must not be allowed to interfere with the economical working of the school; it must take its place in one or other of the grades already established.

Suppose, then, that the teacher, in the course of the first few weeks, has organized the school into grades I, II, IV, VI and VIII, in reading. At the end of the year the grading will correspond, virtually, with II, III, V, VII, IX, each class having moved up one degree; and, next year, the organization will be upon the latter basis with the addition of grade I if beginners put in an appearance. If the teacher will pay a little extra attention to the children concerned, it will not be found impossible or injurious to their progress to omit reader No. II or No. III, and there may thus be effected the elimination of a grade, with a resulting gain to the class-instruction.

In arithmetic, four classes are enough, grades I and II forming, practically, one class, the Primary; grades III, IV forming another, the Advanced Primary; V and VI, the Intermediate; VII and VIII, the Preparatory. There should be no rigidity in the system of promotion. As soon as a pupil is competent to join a higher division in reading, arithmetic, writing, etc., he should be put forward in that branch, no matter how backward he may be in other branches.

The Primary Classes should have, daily, three short reading lessons accompanied by spelling, brief phonic drill, and conversation exercises; two or three brief arithmetic lessons, one period of instruction in writing and drawing. Once a week there should be a nature lesson specially designed for this and the advanced Primary grades; and, once or twice a week, for the same two grades, a lesson in sentence-making, in story-telling by teacher and pupils, or in the correction of wrong forms of speech. Seat-work should immediately and automatically follow each instruction-period. Very young or delicate children should not be kept standing more than twelve minutes at a time.

Advanced Primary Class. Daily, three reading lessons, with phonic exercise, spelling, picture-study, directed conversation, etc., two arithmetic lessons; one period of specific instruction in writing and drawing. Nature and language lessons as indicated under "Primary Class," above.

Intermediate Class. Daily, two reading lessons, (one from Health Reader), with spelling, questioning on subject-matter of reading lesson, etc., one period of specific instruction in writing, one in arithmetic. Twice a week there should be specific instruction in freehand and mathematical drawing; in nature-observation; in spoken and written language, (letter-writing, reproduction of stories or of observations made in nature-class); and in geography and history.

Preparatory Class. Daily, one reading lesson (Health Reader twice a week, to alternate with Prescribed Selections). Twice a week, a drawing lesson, mathematical and freehand; a writing period; a language lesson; a geography or history lesson (on alternate days, except on Friday or some other day when the time may be used for recitation of literary selections, constructive exercises for the upper three classes in paper or cardboard, needle-work, or other occupation for which the weekly time-table makes no other provision). Twice a week there should be a class in nature, or elementary science.

Notes.

Lessons in nature specially designed for either the Advanced Primary or the Intermediate class should engage the attention of both classes; and lessons in this branch designed for the Preparatory should be followed also by the pupils of the Intermediate.

In addition to the chorus singing by the whole school, "by ear," instruction in musical notation should be begun. At first, two divisions or grades of instruction will suffice. Later, the preparatory may be able to go faster and form a third grade. In the succeeding year, a four-grade division may be found convenient. Occasional five-minute lessons smartly conducted will achieve a good deal in one year.

Well chosen and varied occupations as desk-work should be planned out for each day. These, when pupils are trained to the habit of working silently and independently, will reinforce and implement the instruction in language, writing, drawing, nature, geography, history, or whatever subject they may be drawn from.

Physical exercises should be given at least three times a day, in periods varying from two to five minutes; and these periods should be so timed as to come midway between opening or closing of school and recess.

Frequent and repeated reviews are necessary with young children.

220. FOR COMMON SCHOOL WITH TWO TEACHERS.

Junior.

Reading. Four, or fewer, divisions, reading in Nos. I. II. III. IV, or in some three of these, with phonic exercise, spelling, directed conversation on the substance of the reading lesson, memorizing and expressive rendering of choice passages.

Language. Three, or fewer, divisions. Correction of false forms of speech, of obscure or otherwise faulty utterance; oral reproduction of content of lesson in reading or nature; sentence-making and sentence-writing; subject and predicate, noun, pronoun, and adjective; the period, the comma, the capital letter, the commonest abbreviations; simplest letter-writing.

Writing and Drawing. Three divisions, or more, in writing, receiving instruction simultaneously. Drawing on blackboard, and with crayola, chiefly "mass" drawing.

Arithmetic. Four, or fewer, divisions. Scope, as indicated in "Special Prescriptions" for grades I, II, III, IV. Two or more divisions may be taught and practised simultaneously.

Nature. Two divisions, the lesson to the upper division being listened to by the pupils of the lower. Seasons and occupations; plant, animal, insect, and bird life, natural features of home district, weather phenomena, to both divisions. Identification of parts of flower, of birds by plumage, etc., of minerals, etc., only to more advanced division.

Physical Exercises. Two to five minutes, thrice a day, facts of hygiene being explained in connection with these exercises.

Music. At least four songs, with tonic sol-fa, or staff, notation. At least four other songs and hymns sung expressively, by rote, with words memorized.

Constructive Exercises. Stick-laying, for younger children; tearing or "free" cutting of paper into forms of familiar objects; construction in cardboard, of box, cylinder, cone, etc.

Senior.

Reading. Three divisions, or two divisions, according to whether or not there are pupils in both readers Nos. V and VI. The advanced division will read the Prescribed Selections for grades VII and VIII. Conspicuous figures of language; rhythm, meter, rime. Oral abstracts, paraphrases of short passages; reproduction of facts and principles expounded in the Health Readers.

Language. Rudiments of English grammar, especially to furnish ability to derive, to understand, and to apply the rules of syntax operative in correcting errors. The phrase and clause elements and their relation to sentence structure. Parsing and analysis, with the object of utilizing these as tests of the pupil's understanding of the thought and thought relations of passages studied. Oral and written description and narration; business, private, and social correspondence.

Writing and Drawing. Two, or three, divisions, Copy-book and loose paper practise in writing, as explained in "General Prescriptions." Drawing of Natural-history and other objects singly, grouped, and conventionalized; color-study; designing of Easter card, of wall-paper, leaded-glass, paper-knife, book-cover etc.; sketch-drawing of architectural and other subjects; drawing to scale; mathematical drawing, and problem solving by mathematical drawing.

Arithmetic. Three divisions, or fewer. Scope, as indicated in "Special Prescriptions" for grades V to VIII. Two or three classes may be conducted simultaneously.

Nature. If teacher finds the school very deficient in this branch, he may commence the term with one division only, covering thus the general field of study, atmosphere, plant, animal, bird, and insect life, mineral and rock, heavenly bodies, etc. At the end of a few weeks a two-fold division will probably be found necessary, the older pupils seizing more quickly the ideas of differentiation into plant and insect families, chemical and physical phenomena, identification features, principles of horticulture, etc.

Geography. Three divisions, V or VI, and VIII; scope, as indicated in "Special Prescriptions" for those grades, in an eight grade system.

History. Two divisions, corresponding to grades VI or VII, and VIII. Scope, as indicated in "Special Prescriptions" for those grades.

Physical Exercises. Three to five minutes, twice daily.

Music. At least four songs, with tonic sol-fa, or staff notation. At least six other national and folk songs of recognized merit, or hymns, Easter and Christmas carols, etc., acceptable to all creeds, "by ear," expressively, and with at least two stanzas of each memorized.

Constructive Exercises, in paper, cardboard, or wood, of articles such as paper-knife, wall-pocket, pin-tray, magazine-cover, book-stand for table; geometrical solids, made to measurement; clay-modeling, if desired, or needlework; book-stitching, repairing, making.

221. FOR A COMMON SCHOOL WITH THREE TEACHERS.**Lower.**

Reading. Readers Nos. I, II, III, with phonic exercise, spelling, directed conversation on substance of lesson, memorizing and expressive rendering of choice passages.

Language: two divisions. Correction of false forms of speech, of obscure or otherwise faulty utterance; sentence-making; the capital, full-stop, and question mark.

Writing and Drawing. Letters of alphabet, words, short sentences; connection of letters noted; free-arm practise on ovals, connected e's, etc., for older

pupils; all divisions to be exercised simultaneously. Drawing, on blackboard, and with crayola, chiefly in "mass."

Arithmetic. As in Special Prescriptions for grades I, II, III, of an eight-grade school; all divisions to be practised simultaneously.

Nature. One division will suffice at commencement of term; later, two divisions, the pupils of the lower division attending to both lessons. Plants, trees, buds, fruits, vegetables, pet and domestic animals, squirrel, and rabbit, weather phenomena and chart. For older pupils, parts of flower, deciduous and evergreen plants, life of insects, songs of birds. Natural features of district; seasons and occupations.

Physical Exercises. Two to five minutes, three times a day. Facts of hygiene explained in connection with these health-exercises.

Music. At least three songs, with notation, (sol-fa, or staff). At least three other songs and hymns, by rote, with words memorized.

Constructive Exercises. Stick-laying, paper-folding, tearing and cutting, making cornucopia, napkin-ring, book-cover; clay-modeling, if desired.

Middle.

Reading. Readers Nos. IV, V, VI, with spelling and discussion. Health Reader.

Language. Oral reproduction and occasional brief written statement of substance of reading or nature lesson. The sentence and its elements, the parts of speech and their more obvious relations; application of four rules of syntax operative in correcting errors. Letter-writing, punctuation, including use of comma and quotation marks.

Writing and Drawing. Copybook and free-arm practise; older pupils to develop moderate speed in free-arm practise on loose paper. Drawing, as in aid to nature lessons, to geography, to constructive work; easy drawing to scale. Color-study; designing, book-cover; decoration, simple wall paper pattern; easy perspective, and its recognition in buildings and in the actual landscape.

Arithmetic. As indicated in grades IV, V, VI, in Special Prescriptions for an eight grade school.

Nature. Plants, animals, insects, birds, weather, heavenly bodies, rocks and minerals. Seed-dispersal, idea of plant-families, animal-families; functions of roots and stems; parts of flower and functions. Life histories of two or three insects from direct observation; injurious and harmless insects. Birds, their identification, their value to man. Orders of animals.

Physical Exercises. Two to five minutes, three times a day.

Music. At least three songs, with notation, (sol-fa, or staff). At least three other appropriate folk songs or national songs or hymns, Easter and Christmas carols, etc., sung with expression and with at least three stanzas of each memorized.

Constructive Exercises. Cardboard work, as in junior division extended, wood-work, needle-work, if desired.

Geography; two divisions. Lower division, home geography and industries; surface-phenomena; agencies of change on surface of earth; Nova Scotia and, in slight detail, Canada; the earth as a sphere; day and night; sketch-plans, and maps.

Upper division, Canada, in detail; Europe and the British Empire, in very slight detail; map-interpretation; climatic causes; government, and public services; means of communication.

History: One division. The makers of early American and Canadian history; the settling of Nova Scotia at different periods and in different districts. France and her colonies. The ancient civilizations and their relative antiquity; Babylonian, Egyptian, Israelite, Greek, Roman. The story of England to Cromwell's time, told orally.

Upper.

Reading. Prescribed Selections, announced each year, alternating with Health Reader. Study of figurative language, elements of prosody, memorizing and recitation of choice extracts; brief abstract and paraphrase, oral and written.

Language: One division. Practical principles of syntax derived inductively, and applied to the correction of false forms of speech. Word, phrase, and clause elements, and their part in sentence structure. Parsing and analysis, with the object of utilizing these as tests of the pupil's comprehension of the thought and thought-relations of passages studied. Oral and written description and narration; business, private, and social correspondence.

Writing and Drawing: One division; or, two divisions working simultaneously. Copy-book and loose-paper practise in writing as explained in "General Prescriptions." Drawing of natural-history and other objects singly, grouped pictorially, and conventionalized; designing and decorating in colors (crayola) of book-covers, wall-paper, Christmas and Easter cards, paper-knife, etc., drawing to scale, and problem-solving by mathematical drawing; sketch drawing of buildings, trees in field, etc.

Arithmetic. Two divisions. Scope as indicated for grades VII and VIII in Special Prescriptions for an eight-grade school.

Nature. At commencement, one division, developing, later, into two, if a fair proportion of pupils show special interest.

Pollination and its agencies (insect, wind). Grafting, budding, layering, cutting, as means of propagation. Plant-families, e. g., rose, crucifer, thistle, legume, buttercup; weeds and methods of eradication; simpler forms of plant life, as in ferns, mushrooms; mildews, blight and rust in plants (as in garden strawberry, raspberry), noted; black-knot in plum trees, apple scab, etc., observed; fungicides. Importance, to the farmer, of clean, healthy seed.

Injurious insects, as potato-beetle, cutworm, barkhouse or scale, tent-caterpillar, currant-worm, studied at first hand; insecticides.

Useful animals, as cows, sheep, horses, toads; useful birds, as the scavengers, the insect eaters and the devourers of weed-seeds.

Chemistry of the air and of water; the nature of combustion. Soil-experiments, to show constituents, organic and inorganic, power to retain moisture, effects of drainage. The meaning of fertility of soil.

The thermometer and barometer, how made and used. Electrical and magnetic energies, how used in machinery, telegraphy, lighting and heating.

Geography: two divisions. Scope of work, as in grades VII and VIII in Special Prescriptions for a school of eight grades.

History: Two divisions, as in Geography. Lower division: History of Canada, from 1713 to 1867, with instruction centering around a few great personages and great events. The story of England from Cromwell to George III told orally. Renewed reference to ancient peoples, personages, and bible-lands. Our social institutions and philanthropic endeavours. Upper divisions: History of Canada, from 1867 to the present. History of England from George III to the present. The principles of representative and of responsible government.

Physical Training. Two to five minutes three times a day.

Singing. At least three songs, with notation (sol-fa, or staff). At least three other appropriate folk songs, national songs, hymns, Easter or Christmas carols, sung with expression and with three stanzas of each memorized.

Constructive Exercises, in cardboard or wood, of such articles as a wall-pocket, pin-tray, wall-bracket, magazine cover, paper-knife, fish-line winder, book-rest for table; geometrical solids, made to measurements; clay-modeling, if desired; needle-work; book-stitching, making and repairing.

222. COUNTY ACADEMY ENTRANCE EXAMINATION.

The regular mode of admission into county academies shall be by an entrance examination in the last week of the school term in June, mainly on the subjects of Grade VIII. There shall be six subjects of examination as follows, the questions being sent out from the education office:—(1) *Reading*—to be tested by the examiners on the Grade VIII reading (*Third series* for 1914). *Music*: Candidates known from individual or class exercises, or from reliable certificates, to be able to sing, especially when they have a practical acquaintance with any system of musical notation, may receive an extra mark as a bonus under this head at the option of the examiner, providing the *Reading* is passable. (2) *Language*. (3) *Drawing and Bookkeeping*. (4) *Geography and History*—specially the Geography of Asia, Africa, Oceania, in detail, with a review of Canada and *History of Canada* as in Hay or Calkin. (5) *General Knowledge*: including (a) The five families, Crowfoot, Rose, Heath, Violet and Lily; with the important native trees, and the common weeds and insects injurious to agriculture. (b) The common rocks and minerals of Nova Scotia. (c) A few of the common birds. (d) *Health Readers*. (*Mechanic* or *Domestic* or *Rural Science*, or *Music* as in Regulations and *Physical Training*). (6) *Mathematics*.

For a pass, 60% will henceforward be required on the English and Arithmetic. Dictation of memorized literature and correct writing of a list of commonly misspelled words, will be required.

SPECIAL PRESCRIPTIONS FOR HIGH SCHOOL GRADES.

223.—HIGH SCHOOL PROMOTIONS.

(1) Description by drawing as well as by writing may be required in any question, and should always be used when brevity or clearness may be gained.

(2) Generally the "High School Pass" in all grades shall be an average of 50% with no mark below 30% on a group of six subjects for grades IX, X and XI; and a group of nine papers with no subject below 30% for grade XII.

(3) Generally the "Teachers' Pass" shall be an average of 60% on a group of six subjects in grades IX, X and XI, and on a group of nine papers for grade XII, with no subject below 40%. 50% however must be made on *English* in each grade for a "Teachers' Pass."

(4) Candidates may write on more than the six subjects or nine papers indicated in (2) and (3). In such cases the "pass" shall be determined by the group including the highest

six subjects or the *highest* nine papers, as the case may be. A "pass" requires the fulfilment of all conditions specified in special regulations which refer to it elsewhere, as well as the general regulations above.

(5) Two hours shall be given at examination for each paper which shall contain eight questions.

(6) When a candidate wishes to raise a "High School Pass" to a "Teachers' Pass," he shall be required to make an average of at least 60% on each subject not previously up to this standard. That is, a "Teachers' Pass" by partial examinations will require at least sixty per cent. on every subject. This can be necessary only when a candidate is not writing for higher grade, and therefore all such supplementaries can be taken on the papers of the regular examination.

(7) The "High School Pass" admits to the corresponding class in the Provincial Normal College, whose faculty can raise it to the "Teachers' Pass" on evidence of improved scholarship without which the Normal diploma cannot be awarded.

(8) Candidates for Grade XII certificates (High School Pass) who fail on account of being too low in not more than two subjects, but who have made the High School average pass on the other subjects and 50% on English, shall have the privilege of completing the pass at a subsequent examination by making at least 50% on each of the nine papers not previously up to this standard and 60% on English.

(9) Candidates for Grade XII certificates (Teachers' Pass) who fail on account of being too low in not more than two subjects, but who have made a high school average pass on the other subjects shall have the privilege of completing the pass at a subsequent examination by making at least 65% on English, and 60% on each of the nine papers not previously up to this standard.

(10) From one to three points may be added by the examiner for specially good writing. Bad writers have no right to be admitted to an examination except on certificate of physical defects, and if examined, the papers are subject to a deduction of marks. One point shall be deducted for every mis-spelled word.

(11) The High School subjects to be taught in a rural, or incompletely graded high school, shall be determined by the

school board in agreement with the principal, with an appeal to the Inspector and from him to the Council, in case of disagreement or dissatisfaction.

(12) Any subject deemed to be of importance in any community, may be put on the program of a school by the school board with the consent of the Education Department.

(13) No school is advised to undertake the work of Grade XII with less than a staff of four regularly employed high school teachers.

(14) A candidate who has taken Latin in Grade IX, may take the IX French paper instead of the regular one in Grade X, and the X French paper in Grade XI, provided a 60 or 50 per cent. mark is made respectively for a Teachers' or a High School pass in each case. But the substitution of a lower grade work for that of a higher will be allowed under no other conditions than specified above. The candidate should state this fact in his final examination statement so as to allow of its verification.

(15) Teachers are required to make themselves acquainted with the probable future requirements of pupils by consultation with them and their parents or guardians, before advising in the selection of the optional subjects. Those who are likely to attend the universities, etc., should select the subjects required for matriculation in them. The same policy will apply to other vocations.

"High School students who look forward to teaching and who have in view their professional preparation at the Normal College, should, as far as possible, prepare themselves in the mathematics and natural sciences of the high school grades. Postponement of the study of these branches till the Normal College period places a candidate at a serious disadvantage not only in seeking the diploma of the Normal College but, later, as a teacher in the public school." *Reg. IV Nor. Coll.*

"Candidates for a Domestic Science Diploma must hold a class B license or a High School certificate of grade XI, with a teacher's pass in the science subjects of grades IX, X, XI, or their equivalents." *Reg. 261 (b) C. P. I.*

["The Advisory Board recommends that every high school pupil take at least one foreign language during each year of the high school course; and where more than one foreign language is taken, the Board recommends that one of these languages be Latin. The Board considers that a knowledge of Latin and another foreign language by all teachers is highly desirable.]"

224.—HIGH SCHOOL PROGRAM.

(Note.—The prices given below are taken by the Advisory Board from the publisher's price list.)

Grade IX.

(English and any *five* other subjects imperative).

1. **English:**—(a) **Literature:**—*High School Prose Book*, Part II, by Stevenson, (Macmillan, Toronto), limp cloth, \$0.15. Macaulay's *Lays of Ancient Rome*, by Saul (Macmillan, Toronto), limp cloth, 15 cents, with critical study, word analysis, prosody and recitations. English Composition as in Sykes, to page 101, or an equivalent in the hands of the teacher, with essays, abstracts and general correspondence so as to develop the power of fluent and correct expression in writing. [For 1914-15 Dicken's *Christmas Carol*, and Scott's *Lay of the Last Minstrel*.]
(b) As in **Grammar** (except notes and appendix) with easy exercises in parsing and analysis.
2. **Latin:**—As in *Collar and Daniell's First Latin Book*, to end of chapter L., or an equivalent grammar, with easy translation and composition exercises. [The *Roman* (phonetic) pronunciation of Latin to be used in all grades]. (The Advisory Board has a number of elementary Latin books under consideration and expects to announce in the next April *Journal of Education* a book for use in the school year 1914-15 which will be superior to the present book.)
3. **French:**—Bertenshaw's *Grammar*, Part 1., and First Reader to page 56 (each 1/-, Longmans).
4. **Geography:**—Physical and Astronomical, General Geography of continents and British Empire in detail as in Calkin's *Advanced*.
5. **Arithmetic:**—As in the *Academic* to page 63.
6. **Algebra:**—As in Hall and Knight's *Elementary* to end of Chapter XVI.
7. **Drawing:**—(a) As in Morton's *Mechanical Drawing*, with the construction of the figures in Euclid, Book I.
(b) High School Drawing Course No. 1 or an equivalent; with the model and object drawing and *Manual Training* No. 2.

8. **Science**:—Botany (5 Q.). *Beginners' Botany* and the study of the Wild Plants of the Phenological Observations, with the more common ferns in detail. (*Spotton's Botany* contains the most concise *flora* yet published for the use of students).

Physics (3 Q.). As in Primer or equivalent (winter months). Text to be used only as an aid to the study of the subject.

Grade X.

(English and any other *five* subjects imperative).

1. **English**:—(a) Same subjects as in previous grade, but more advanced scholarship required. Composition as in *Sykes*, or an equivalent in the hands of the teacher, with special attention to the development of readiness and accuracy in written narrative, description, exposition and general correspondence. For outside reading and theme writing: "*Fitchett's Deeds that won the Empire*" at 1/- (G. Bell & Sons, London) may be used instead of "*Kingsley's Water Babies*." While any edition of the latter may be used the abridged edition of "*Water Babies*" by J. H. Stickney (Ginn, Boston) at 35 cents will suffice." [For 1914-15, *Dickens' Tale of Two Cities*. (Longmans, 25 cents).]

(b) As in **Grammar**:—Text book complete.

2. **Latin**:—As in *Collar and Daniell's First Latin Book* complete, and "*Caesar's Invasion of Britain*," by Welch and Duffield.

3. **Greek**:—As in *White's First Greek Book*, lessons 1 to end of XL.

Or **French**:—*Bertenshaw's Grammar*, Part 11, (Longmans, 1/-) and *Souvestre's "Le Chevrier de Lorraine."*

Or **German**:—As in *Joynes Meissner's Grammar*, first 25 exercises, with *Buchheim's Modern German Reader*, Part 1., first division only.

4. **History**:—Review of British History as in "*Outlines*" of British History; and oral lessons by teachers based on "*Canadian Civics*."

5. **Chemistry**:—Inorganic, as in *Waddell*.

6. **Arithmetic**:—Text book complete.

7. **Algebra**:—As in *Hall & Knight's Elementary* to end of Chapter XXVII.

8. **Geometry**:—*Hall & Stevens' School Geometry*, Part 1.

Grade XI.

(English and any other five subjects imperative).

1. **English**:—Lamb's *Essays of Elia*, selections by Robins (Macmillan, Toronto, 25 cents)—*First Series* sufficient for examination. [An optional question may be asked on one of the *Last Essays*, pp. 181-333.] Shakespeare's *Merchant of Venice* by Verity (Copp, Clark, Toronto, 25 cents). History of English Literature as in Meiklejohn. [For 1914-15 Tennyson's *Princess* (Longmans, 25 cents); and Shakespeare's *Julius Caesar* (Longmans, 25 cents).] For outside reading and theme writing; Parkman's *Oregon Trail* by Sperlin (Longmans, 25 cents). [For 1914-15, Goldsmith's *Vicar of Wakefield* (Longmans, 25 cents).]

2. **Latin**:—Grammar and easy composition partly based on prose author read.

(a) *Caesar's De Bell. Gall.*, Book 1. (b) *Vergil's Aeneid*, Book 1, with grammatical and critical questions. (c) *First Exercise in Latin Prose Composition* by Wells (Geo. Bell & Sons, London).

3. **Greek**:—Grammar and easy composition based partly on author read; and White's *First Greek Book* to end of Chapter LIX. *Xenophon's Anabasis*, Book 1, with grammatical and critical questions.

Or **French**:—Berthon's *Specimens of Modern French Prose* omitting IV, VI, IX and X.

Fraser and Squair's Grammar, sections 227 to 344, with the corresponding exercises, pages 343 to 371; or a thoro review of *Bertenshaw's Grammar*, parts I and II, with exercises complete. [1914-15, Ontario *High School French Grammar* by Fraser and Squair, lesson 1-LX (Copp, Clark, Toronto, 60 cents).]

Or **German**:—As in *Joynes Meissner* to lesson 44, with Buchheim's *Modern Reader*, Part I, complete. Review of Grade X German.

4. **History**:—General History, as in *Swinton*. [For 1914-15, Myer's *A Short History of Ancient Times* (Ginn, Boston, \$1.10).]

5. **Physics**:—The Chapters on either (a) *Light and Sound* or (b) *Electricity*, to be taken with the rest of the text, alternative questions to be given on (a) and (b), as in *Gage's Physical Science*. [For 1914-15, *Ontario High School Physics*, Parts I, II, III, IV, and VI, (Copp, Clark, Toronto, 90 cents). The Laboratory Manual, 35 cents, in the teachers' hands only.]

6. **Practical Mathematics**:—To be known as *Trigonometry and Mensuration*. As in Murray's *Essentials of Trigonometry and Mensuration*, excepting Chapter XI.

7. **Algebra**:—As in *Hall & Knight's Elementary Algebra* to end of Chapter XL., except Chapter XXIX to end of XXIXd.

8. **Geometry**:—*Hall & Stevens' School Geometry*, Parts II, III and IV, omitting pages 207 to 219.

Grade XII.

(Leaving Examination.)

[Nine papers out of fifteen on the following twelve subjects constitute a full course. The following subjects are imperative:—English, two foreign languages, one mathematical and one scientific subject; except that those who take both Latin and Greek may omit the scientific subject, and those who make an average of 70 (Teacher's Pass) or 60 (H. S. pass) on English, may omit foreign languages].

1. **English** (Two Papers)—(a) Lounsbury's *English Language*, (Bell, London, 5/); or Bradley's *The Making of English* (Macmillan, Toronto, \$1.00). History of English Literature as in Gwynn's *Masters of English Literature* (Macmillan, Toronto, 90 cents).

(b) Shakespeare's *Macbeth* by Verity (Copp, Clark, Toronto, 25 cents); Tennyson's *Princess* by Woodbury (Longmans, 25 cents.) [For 1914-15, Shakespeare's *Merchant of Venice* (Longmans, 25 cents); Palgrave's *Golden Treasury*, Book 11, complete, by Bates, (Longmans, 25 cents), and Burke's speech on Conciliation with America (Longmans, 25 cents).]

With the following books for outside reading and theme writing:—Scott's *Quentin Durward* by Adams (Longmans, 25 cents); Palgrave's *Golden Treasury*, Book III by Bates (Longmans, 25 cents). [For 1914-15 Stevenson's *Master of Ballantrae* (Macmillan, 25 cents); Jeffries' *Longer Nar-*

rative Poems (Macmillan, 15 cents); Carlyle's *Essay on Burns* (Longmans, 25 cents).]

2. **Latin**:—(Two Papers); (a) Bennett's *Latin Grammar* or equivalent; Bradley's *Arnold's Latin Prose Composition* to end of exercise XXII; Sight Translation.

(b) Caesar's *De Bell. Gall.*, II, III and IV; Vergil's *Aeneid*, Books II and III.

3. **Greek**:—(Two papers); (a) White's "*First Greek Book*," complete and reviewed. Sight Translation; Easy Composition partly based on the prose author read.

(b) *Xenophon's Anabasis*, Books II, III and IV.

4. **French**:—Sandeau's *Sacs et Parchemins* by Pellisier (Macmillan, Toronto, \$0.50); Corneille's *Polyeucte* by Braunholtz, (Pitt Press Series 2/); Angier & Sandeau's *Le Gendre de M. Poirier* by Preston, (Blackie & Son, 0/8); with questions upon grammar and composition as in Fraser and Squair's *Grammar*, sections 345 to 461, with the *Composition* exercises from page 371 to page 394. [For 1914-15, *Ontario High School French Grammar* complete].

5. **German**:—Buchheim's *Modern German Reader*, Part II to end of selection 10, second division; and Schiller's *Wilhelm Tell*, Acts I, II, III and IV (edited by Carruth, Macmillan, \$0.60). *Grammar and Composition* as in Joynes-Meissner.

6. **Algebra**:—As in *Hall & Knight's Senior Matriculation Algebra*, (Macmillan, \$0.90). (A reprint of the first 19 chapters of the old and larger text).

7. **Geometry**:—Hall and Stevens' *School Geometry* the whole book—six parts.

8. **Trigonometry**:—(a) *Plane* as in Murray's *Plane and Spherical*. (b) *Spherical* as in Murray's *Plane and Spherical*, Chapters I, II, III and IV.

9. **Physics**:—As in Goodspeed's *Gage's Principles of Physics*. [For 1914-15, *Ontario High School Physics* complete, and *Laboratory Manual*.]

10. **Botany**:—As in Bergen and Davis' *Principles of Botany*.

11. **Chemistry**:—As in Smith's "*General Chemistry for Colleges*."

12. **History**:—Myer's *Ancient History* (revised edition), Parts I, II and III. [For 1914-15, Myer's *A Short History of Medieval and Modern Times* (Ginn, Boston, \$1.10). The two volumes for grades XI and XII bound in one volume, \$1.50].

COMMERCIAL COURSE.

Authorized **for the Halifax County Academy.**

The commercial course is regarded as a Fourth Year Course of the High School. Students entering it have a Grade XI certificate and have made at least 60 per cent. in English of Grade XI, Arithmetic of Grade X, and Geography of Grade IX. Such students can complete the course in one year. Those having lower attainments may enter the course provided there is accommodation. They cannot, as a rule, graduate in one year.

	Periods or Sessions	Pass per Week.	Mark.
Double Entry Bookkeeping.. (Kaulback & Schurman's)	2 sessions	.....	60 p. c.
Commercial Correspondence. (E. Werner's)	1 period	.....	60 p. c.
Commercial Law..... (Wm. H. Anger's)	1 period	.....	60 p. c.
Penmanship..... (C. C. Lister's)	2 periods	.....	75 p. c.
Shorthand..... (Isaac Pitman's)	5 periods	{	75 p. c.
		{	and 100 words
		{	per minute.
Typewriting..... (A. J. Barnes')	10 periods	{ Tabular ..	75 p. c.
		{ Speed, ..	35 words
		{	per. min.
Political Economy..... (Jevon's Primer (Fawcett's for reference)	1 session	.....	60 p. c.

[A period is 45 minutes, a session at least one hour].

226. THE UNIVERSITY GRADUATE EXAMINATION.

[*Minor* subjects may be passed during the undergraduate course. See Reg. 230 (c).]

The testing university graduate examination shall be upon two series of papers—the *higher* of university "graduation distinction" standard, the *lower* of university "graduation pass" standard. The university graduate examination "pass" shall require:—

- (1) A pass (50%) in at least *one subject* of the higher standard (*major* subjects).
- (2) A pass in *five other subjects* of the lower standard (*minor* subjects).
- (3) Certificates of the following university courses taken and passed by candidates shall be imperative;

and must be taken later than the first year of the university course, namely:—Logic and Psychology, and any two of the following: Ethics, Political Economy, Sociological Science, Modern Philosophy, History.

227. SYLLABUS OF THE HIGHER STANDARD.

[Two papers, three hours long, on each subject].

I. English.

(A) History of the English Language as in Lounsbury or Emerson and a general idea of the history of "English Spelling and Spelling Reform" as in Lounsbury.

(B) History of Nineteenth Century English Literature, as in Herford's "The Age of Wordsworth" (1798-1832), and Walker's "The Age of Tennyson" (1830-1879).

(C) A thoro knowledge of the following works:—Dowden's "Selections from Wordsworth," Browning's Shorter Poems by Baker, Tennyson's Shorter Poems by Nutter, Palgrave's Golden Treasury of Songs and Lyrics (Book IV), Pancoast's "Standard English Prose" (the selections from Lamb to Stevenson).

(D) Ten Brink's History of Early English Literature (Vol. I).

(E) Bright's Anglo-Saxon Reader (the introduction and Parts I, II and IV).

(F) Morris' Specimens of Early English, Part I (Extracts ix to xviii inclusive).

[N. B. All candidates are expected to have a thoro knowledge of the principles of Composition. To ensure the possession of this knowledge and of the ability to make practical use of it, the writing of an Essay on some one of the several given subjects will form an important part of this examination].

II And III.—Foreign Languages.

Translation at sight, from any ordinary authors, with Grammar (including Prosody), Composition, and a fair knowledge of the national, social, institutional and literary history of the people whose language is dealt with, in any two of the following languages:—Latin, Greek, French, German.

[Extracts will be set from at least three prose and three poetical authors in each language. In French and German the candidates' ability to use the spoken language may be tested by one or more questions requiring *viva voce* examination].

IV.—Mathematics.

- (A) Algebra, Geometry and Trigonometry as in *Grade XII*.
- (B) Plane and Solid Analytical Geometry, including the general equation of the second degree. Differential and Integral Calculus, as in Murray's *Infinitesimal Calculus*.

V.—Sciences.

Any one of the following:

Physics.

- (A) A knowledge of *General Physics*, as in "A Textbook of Physics" by Watson (unstarred sections), or any equivalent.
- (B) The presentation of note books describing the *laboratory Experimental work* of the candidate, duly certified by the Instructor, the work to consist of at least 50 experiments of recognized University work (e. g. as in Ames and Bliss' "Manual of Experiments in Physics"). In cases where the candidate cannot present notebooks satisfactory to the examiner, the test may be made by a practical laboratory examination.

(C) *Elementary Mathematical Physics*. A knowledge of the results obtained by the application of elementary mathematics to physical problems; such as might be obtained during a course of lectures of two or three hours per week running thru two years. The grade of work such as is given in Preston's "Theory of Heat," Preston's "Theory of Light", and J. J. Thomson's "Elements of Electricity and Magnetism," or their equivalents.

Chemistry.

(A) *Inorganic Chemistry* as in Smith's "General Inorganic Chemistry," or an equivalent, with laboratory work in General Chemistry, which should include the preparation of some typical gases, acids, and salts, and at least five or six quantitative experiments in illustration of the fundamental laws of Chemistry. The laboratory work may be partially tested by requiring the candidate to produce a properly certified record of his experimental work.

(B) *Organic Chemistry* as in Remsen's "Compounds of Carbon," or an equivalent to be accompanied by laboratory work, which should include the preparation of at least 20 typical carbon compounds. The laboratory work may be tested partly by

questions in the papers on Chemistry, and partly by requiring the candidate to produce specimens of his preparations properly certified to be his own work.

(C) *Analytical and Physical Chemistry*, including:

- (1) *Qualitative Analysis* of the common acids, and bases. Candidates may be tested by a practical laboratory examination and by questions in the Chemistry papers.
- (2) *Quantitative Analysis*. The estimation of the following elements in their common compounds:—Chlorine, Sulphur, Phosphorus, Carbon (in carbonates), Silicon, Silver, Copper, Calcium, Magnesium, Lead, Iron; Carbon and Hydrogen in organic compounds. Candidates may be tested by a practical exercise in the laboratory and by question in the Chemistry papers.
- (3) *Physical Chemistry*, as in Talbot and Blanchard's "Electrolytic Dissociation Theory" and Walker's Introduction to Physical Chemistry."

(D) *Outlines of Chemistry*, as in Tilden's "Short History of Scientific Chemistry," Thorpe's "Essays in Historical Chemistry "Justus von Liebig" and "John Dalton" in the Century Science Series.

Biology.

(A) *Botany* as in *Principles of Botany and Laboratory and Field Manual* by Bergen and Davis. A practical knowledge of the system of classification and the use of Manuals, as Gray's. An acquaintance with (a) the common Spermatophytes and Pteridophytes of Nova Scotia and (b) type species of native Bryophytes and Thallophytes representing the more common classes or orders. The exhibition of and examination upon a collection of fifty species correctly determined and well mounted by the candidate under (a), and of twenty-five (counting microscopic slides) also mounted and determined under (b). As evidence of the character and scope of the practical work done by the candidate, laboratory note books with drawings, properly certified, must be submitted at the examination, and the written papers may be supplemented by *viva voce* examination and tests in laboratory work and manipulations.*

*The candidate must show his ability to dissect macroscopically and microscopically, to make microscopic sections, and have an elementary knowledge of microscopic technique. A monograph upon, or a special study of, any biological group of species, may be accepted according to its merits as supplementing defects in collections, etc. Any original work showing a knowledge of the subject will enhance the candidate's standing.

(B) *Zoology as in Hertwig's Manual of Zoology* (translated by Kingsley). A practical knowledge of the system of classification and the use of manuals as Jordan's. An acquaintance with, (a) the more common vertebrate fauna of Nova Scotia, and (b) typical species of the classes of native invertebrates. The exhibition of and examination upon at least fifteen specimens under (a) and at least twenty-five microscopic or macroscopic specimens under (b), all correctly determined and neatly mounted or prepared by the candidate. As evidence of the character and scope of the practical work done by the candidate, laboratory note books with drawings, properly certified, must be submitted at the examination and the written papers may be supplemented by *viva voce* examination and tests in laboratory work and manipulation.*

(C) *Economic Biology*. A knowledge of the more common injurious weeds and insect pests of the Province; also of the biological role of Bacteria in relation to Agriculture. Works of reference: *Farm Weeds of Canada*; *Economic Entomology* by Smith, and *Bacteria in relation to Country Life* by Lipman.

(D) *History of Biology*. Prescribed readings: *From the Greeks to Darwin*, by Osborn; *Origin of Species* by Darwin; *Darwinism Today* by Kellog.

Geology and Mineralogy.

(A) *General Geology as in College Geology* by Chamberlin and Salisbury, or an equivalent and *Canadian Geology as in Geology and Economic Minerals of Canada* by Young and Brock.

(B) *Economic Geology*. The origin, mode of occurrence and uses of economic minerals as in Ries' the *Economic Geology of the United States*, and the distribution of these in Canada, as in *Geology and Economic Minerals of Canada*.

(C) *Petrography and Mineralogy*. Such a knowledge of rocks as will enable one roughly to determine specimens in the field. The determination of typical rocks in their section. A knowledge of the important economic minerals, and their determinations by physical properties, and simple blow-pipe tests.

(D) *Practical Geology*. The identification of structural and topographical features. A knowledge of the methods employed in conducting geological surveys, and in the construction of geological maps and sections and their interpretation.

The exhibition of certified class notebooks, drawings, maps and sections etc., made by the candidate. (The *viva voce* exami-

nation may include practical work in the field, and the identification of the more common fossils, minerals, rocks, etc., and petrographic microscopic as well as macroscopic characters).

(E) *An historical outline of Geology* as in Geikie's *Founders of Geology*, or an equivalent, and some acquaintance with the leading present-day workers.

228. SYLLABUS OF THE LOWER STANDARD.

[One paper three hours long on each subject, supplemented by *viva voce* examination and practical demonstration at the option of the examiner.]

1.—English.

As in (A), (B) and (C) of the Higher Standard.

[All candidates are expected to have a thoro knowledge of the principles of Composition. To ensure the possession of this knowledge and of the ability to make practical use of it, the writing of an Essay on some one of several given subjects will form an important part of the examination.]

11 And 111.—Foreign Languages.

As in the higher standard but with easier questions. In French and German the candidate's ability in the spoken language may be tested by one or more questions requiring *viva voce* examination.

IV—Mathematics.

As in (A) of the higher standard.

V. And VI.—Sciences.

Any *two* of the following:—

Physics: As in (A) of the higher standard.

Chemistry: As in (A) of the higher standard, omitting the sections of the text book in small print.

Biology: As in (A) or (B) of the higher standard, together with an outline of the history of Biology, as in *The Science of Life* by Thomson; and *Bacteria in Relation to Country Life* by Lipman.

Geology and Mineralogy: As in (A) of the higher standard, and Miller's *Minerals and How They Occur*. Some knowledge of field work and map making as in (D) of the higher standard, which may be tested mainly in the *viva voce* examination.

229—Non-Graduate Candidates.

Candidates who have not graduated from a recognized University, if they have spent at least four academic years in study after attaining the grade XII standard of scholarship, and have obtained a pass on the testing provincial University graduate examination, may be admitted to a special examination on the remaining subjects of a full university course, in order to obtain the standing of a graduate of a recognized university under those regulations. But the cost, syllabus and time of any such examination have not at present been determined.

230—General Rules of Examination.

(a) Options will be given when questions deal with minute details in subjects of wider range, in the sciences especially, with the object of equalizing the effects of different instructors, and texts are mentioned merely to indicate the comprehensiveness and intensiveness of the study required.

(b) An average of fifty per cent. and fifty on the *major*, with none below forty on the *minor* subjects, is required for a pass, provided the candidate also passes in the practical and *viva voce* examination. An average of forty per cent. will be accepted as a teacher's pass on grade XII, and of thirty per cent. as a teacher's pass on grade XI, provided English and the *major* do not fall below the pass mark.

(c) A candidate may also pass by *partial* examinations (that is, on one or more subjects in different years) by making at least fifty per cent. on each *minor* subject while an undergraduate or graduate, and at least fifty per cent. on a *major* subject after graduation from the university.

(d) The examination will be held in Truro during provincial examination week and the week following, in proximity to the Provincial Normal and Agricultural Colleges, for the convenience of laboratory demonstration and *viva voce* examination.

(e) A *preliminary notice* stating the intention to make application, and specifying the details to be proven and subjects to be taken, should be sent in to the Superintendent not later than the first day of March preceding.

Application for examination should be made to the Superintendent of Education before the first day of May, stating the higher and lower subjects to be written upon, and furnishing *proof* (1) of having matriculated into a university on a standard approximately as high as the pass of Grade XII of the provincial high school, (2) of having taken thereafter a full course of four academic years, three of which must have been the second, third and fourth years of the university course, and (3) of graduation as recognized in the regulations preceding.

(f) There shall be no fee for examination.

231.—Publishers of Texts Mentioned.

Emerson's "History of the English Language" (Macmillan).
 Lounsbury's "English Language" (Henry Holt & Co)
 Lounsbury's "English Spelling and Spelling Reform" (Harpers).
 Herford's "The Age of Wordsworth" (Bell & Sons)
 Walkers "The Age of Tennyson" (Bell & Sons).
 Dowden's "Selections from Wordsworth" . . . (Ginn & Co.)
 Baker's "Browning's Shorter Poems" (MacMillan).
 Nutter's "Tennyson's Shorter Poems" (MacMillan).
 Palgrave's "Golden Treasury" (MacMillan).
 Pancoast's "Standard English Prose" (Holt & Co.)
 Ten Brink's "History of English Literature" (Bell & Sons).
 Bright's Anglo Saxon Reader (Holt & Co.)
 Morris's Specimens of Early English, Part I (Clarendon Press).
 Murray's Infinitesimal Calculus (Longmans)..
 Watson's Text Book of Physics (Longmans).
 Preston's "Theory of Heat" (Macmillan).
 Preston's "Theory of Light" (Macmillan).
 J. J. Thompson's "Elements of the Mathematical Theory of Electricity and Magnetism" (Cam. U. Press).
 Smith's "General Chemistry" (Century Co.).
 Smith's "General Inorganic Chemistry" . . . (Century Co.).
 Remsen's "Compounds of Carbon" (D. C. Heath Co.)
 Talbot and Blanchard's "Electrolytic Dissociation Theory" (Macmillan).
 Walker's "Introduction to Physical Chemistry" (Macmillan).
 Tilden's "Short History of the Progress of Scientific Chemistry" (Longmans).
 Thorpe's "Essays in Historical Chemistry" . (Macmillan).

- Shenstone's "Justus von Liebeg" in Century Science Series. (Macmillan).
 Sir H. E. Roscoe's "John Dalton" in Century Science Series. (MacMillan).
 Bergen and Davis' "Botany and Laboratory Manual" (Ginn & Co.).
 Gray's "Manual of Botany" (Seventh Edition (Am. Book Co.).
 Jordan's "Manual of Vertebrates) (McClurg & Co.).
 "Bacteria in Relation to Country Life" by Lipman. (MacMillan).
 "Darwinism To-Day" by Kellogg (H. Holt & Co.).
 "From the Greeks to Darwin" by Osborne. (Macmillan).
 Thompson's "Science of Life" (Blackie & Son).
 Jordon & Kellogg's "Animal Life" (D. Appleton).
 Bower's "Practical Botany for Beginners" . . (Macmillan).
 Hand Book of Instructions for Collectors. . . (Brit. Museum).
 Scott "Introduction to Geology" (Macmillan).
 Salisbury's "Physiography" (H. Holt & Co).
 Miller's "Minerals and How They Occur" . . (Toronto).

USEFUL ADDRESSES.

The Royal Society for the Prevention of Cruelty to Animals (known as R. S. P. C. A.).

Secretary: Edward G. Fairholme, 105 Jermyn St., London, S. W., England.

The American Humane Association, and The Massachusetts Society for the Prevention of Cruelty to Animals.

Editor (of publications): 45 Milk St., Boston, Mass., U. S. A.

League of the Empire.

Hon. Secretary: Mrs. E. M. Ord Marshall, 28 Buckingham Gate, Westminster, London, S. W., England.

The Decimal Association.

Secretary: G. M. Johnson, Finsbury Court, Finsbury Pavement, London, E. C., England.

Simplified Spelling Board.

Hon. Secretary: Prof. Charles G. P. Scott, LL. D., 1 Madison Avenue, New York City, U. S. A.

Simplified Spelling Society.

Secretary: Sydney Walton, B. A., B. Litt., 44 Great Russell St., London, W. C., England.

232. TEXT BOOKS FOR PUBLIC SCHOOLS.

In performing the duty of selecting and prescribing text books for the Public Schools, the Council of Public Instruction has availed itself as fully as possible of the knowledge and experience of those who are engaged in the practical work of education. The sole aim of recent modifications has been to secure at a reasonable cost, a series of texts *adapted for use in schools*. Change in authorized books is in itself a very undesirable thing.

Instructors and teachers are reminded—

(1) That the course of study for common schools encourages an economical expenditure for the text books by providing a system of oral instruction for junior classes. Too many teachers try to satisfy themselves in respect to their more youthful pupils by placing in their hands text books not needed in any case, and worse than useless when unaccompanied by proper oral exposition. A text book should not be required for a child until he is prepared to use it intelligently.

(2) That the regulation which makes it illegal and improper for a teacher to introduce unauthorized texts, by no means hinders him from giving his pupils the benefit of other treatises to whose explanations he may attach importance. The progressive teacher will always have such aids within reach, and will so use them as to impart variety and interest to his instructions.

(3) Under section 81 (e) of the Education Act, school sections can vote money for the purchase of prescribed school books and school trustees are free to arrange to obtain them at wholesale rates from publishers, or with the regular trade discounts from booksellers, and to arrange to distribute them at *cost*, at *reduced price*, or *free* to all pupils of their schools, or to pupils who cannot afford to buy them.

(4) For the full information of school boards the regular (a) *retail price*, and (b) *dozen lot cash price* of each is given according to the trade usages followed by the leading book dealers, Halifax. The following list gives merely in a general way the price of the book when bought (a) singly and (b) in small lots. The terms in detail can be obtained exactly from the dealer.

(5) Price of Books for Common School Grades.

	Per one	Per dozen
	\$	
Acadian Reader No. 1, Part 1 (Nelson, Edinburg).....	.07	05½
Acadian Reader No. 1, Part 2 (Nelson, Edinburg).....	.07	05½
Acadian Reader No. 1, Complete (Nelson, Edinburg).....	.20	15
Acadian Reader No. 2, Complete (Nelson, Edinburg).....	.20	.22½
Acadian Reader, No. 3, Complete (Nelson, Edinburg).....	.35	.26½
Acadian Reader, No. 4, Complete (Nelson, Edinburg).....	.40	.30
Nova Scotia Reader No. 1 (Morang, Toronto).....	.15	.12
Nova Scotia Reader No. 2 (Morang, Toronto).....	.20	.16
Nova Scotia Reader No. 3 (Morang, Toronto).....	.25	.20
Nova Scotia Reader No. 4 (Nelson, Edinburg).....	.25	.18½
Nova Scotia Reader No. 5 (Nelson, Edinburg).....	.30	.22½
Nova Scotia Reader No. 6 (Nelson, Edinburg).....	.30	.22½
Reading for VII and VIII [Series 1, 2, 3], Mackinlay and Allen Boards..	.19	.15½
Lessons in English [Grammar and Composition] Boards.....	.23	.18.4
History of Canada (Calkin's Brief Mackinlay).....	.25	.18½
History of Canada [Hay's, (Copp. Clark)].....	.20	.17
Brief History of England (Nelson).....	.15	.12
Geography [Calkin's Junior, (Mackinlay)].....	.60	.45
Royal Crown Copy Books (Mackinlay).....	.03	.02½
Prang's Drawing Books (Mackinlay) or.....	.12	.96
Augsburg's Drawing Books.....	.12	.96
Ontario School Hygiene (Copp. Clark, Toronto).....	*.20	*.16
Ontario P. S. Arithmetic (Simpson, Toronto).....	.18	.15

(6) Price of Books for High School Grades.

Nova Scotia English Grammar (Mackinlay), Boards.....	.23	.18.4
Outlines of British History (Mackinlay).....	.35	.28
Canadian Civics [N. S. Edition] (Copp. Clark, Toronto).....	*.35	*.28
Geography [Calkin's Advanced] (Mackinlay).....	.90	.72
Morton's Mechanical Drawing (Allen).....	.40	.32
Collar & Daniel's Latin Book (Ginn & Co., U. S. A.).....	1.00	.85
White's First Greek Book (Ginn & Co., U. S. A.).....	1.25	1.00
Waddell's Chemistry (Macmillan).....	*.80	*.64
Bailey's Botany for Beginners (Macmillan).....	.55	.44½
Hall & Knight's Algebra (Macmillan).....	.75	.56½
Hall & Steven's School Geometry, I-VI (Macmillan).....	*.75	*.60
Academic Arithmetic (Allen).....	.30	.24
Common School Course of Study.....	.10	.05

*Price at Toronto.

Most of the other books used in the high school grades have their retail prices specified in the high school program and the wholesale prices are generally in the same ratio as indicated above.

Books at Wholesale Prices.

(7) The school law of Nova Scotia enables school sections to assess themselves for their school books, and obtain them at wholesale prices. This is being done in many sections of the province, some of which supply the books free to the pupils. They can well be sold at cost; so that a school section which once voted the money, could have it recouped annually, and thus without any more cost continue to supply books at wholesale cost forever.

The school trustees are the proper parties to take charge of the supply of books; for they are in continual and close touch with the school. They can allow those who desire to own their books to have them at wholesale prices; and the deserving indigent can be supplied free. Both oversight and economy can be easily maintained under the management of the local trustees.

NEW BOOKS.

Recommended by the Advisory Board for School Libraries.

The Story of the British People, a Reader for Form III of the Public Schools. (T. Nelson & Sons, London, 35 cents.)

The Story of the Earth and its Peoples, a Geography Reader for Form III. (T. Nelson & Sons, London; and Copp Clark Co., Toronto, 50 cents.)

Agronomy—a Course in Practical Gardening for High Schools, by Willard N. Chute, (Ginn, Boston).

School and Home Gardens, by Meier. (Ginn, Boston).

Royal Atlas for Canadian Schools. (T. Nelson & Sons, London).

Received by the Superintendent.

The Everyman Encyclopedia, in 12 vols., each over 600pp. fine print, 7 in. x 4 1-2, at one shilling (30 cents). The twelve volumes \$3.60. Edited by Andrew Boyle, published by J. M. Dent and Sons, Ltd., Bedford St., London, W. C., England. The best encyclopedia for small rural school libraries which has ever been published. The last volume published up to October covers "Inl" to "Mac."

The New Standard Dictionary (Funk & Wagnalls), just issued, is not simply an enlargement and revision of the only unabridged English Dictionary recommended to the schools of Nova Scotia since 1895. It is an altogether new work showing the latest results of scholarship in the collection of words, their definition, their spelling and their pronunciation. Taking the great and yet unfinished Oxford Historical Dictionary of the English Language out of the class, we venture to maintain that there is not an unabridged English Dictionary in existence which can score so many points of excellence for the numerous practical purposes and problems of today.

English for the Non-English, by Norman Ferguson Black, M. A., D. Paed. 211pp. 8 in. x 5 1-2, (Regina Book Shop Limited, Sask.) is a very full and able discussion of the methods of teaching English to those whose mother tongue it is not. "Should his own language be taught in conjunction with English?"

"To this question Nova Scotia was the only Province which made a serious official effort to prepare an answer. The answer was an emphatic affirmative, that progress in the learning of English requires the teachers' knowledge and use of the vernacular. But in this opinion Nova Scotia stands practically alone in America." It is a book of much practical information on the work done in the various provinces of Canada, and will be of interest to inspectors, teachers and others having to deal with bilingual problems.

Stories of the British Empire, by Agnes Maule Machar; "For Young Folks and Busy Folks," XIV + 360 pp., 8 in. x 5 in. (London, Elliot Stock, 7 Paternoster Row, E. C.; Toronto, William Briggs, 1913). This is just the kind of book to have in the school library to supplement the school lesson and make as interesting as a novel the more important episodes in the growth of the Empire. The Canadian supplements the English edition by appending to the last chapter "The Union Jack and the British Arms," the "Coat-of-Arms of Canada and its Provinces."

Nature Study and Brush Drawing, correlated on Heuristic lines, by W. Francis Rankine, with numerous blackboard illustrations covering a very full course—whitedrawings on black. Plants, insects, shells, amphibians, birds, etc. 22 full pages of drawings, 10½ in. by 8 in. 64 pages of text. (Cassell and Co., Ltd., London, Paris, New York, Toronto and Melbourne.)

School Hygiene by Fletcher B. Dresslar, Ph. D., Specialist in School Hygiene and School Sanitation U. S. A. Bureau of Education, XI+369 pp. 8 in. X 6 in. (MacMillan, New York, 1913). This is one volume of the new series, "Brief Course Series in Education" edited by Paul Monroe, Ph. D. At the end of every chapter, each of which is an admirable summary of the last words on the subject, is a list of the modern standard works on the subject. It is therefore probably the most valuable text on School Hygiene for the library of a teacher or any one interested officially or unofficially in public education.

Architectural Hygiene, or Sanitary Science as applied to Buildings, by Banister F. Fletcher, late Lecturer on Architecture and Buildings Construction, King's College, London, etc., and H. Phillips Fletcher, Director of the City Companies Trades Training Schools, London, etc. IX+268 pp., 7½ in. x 5 in., (Whittaker & Co, 2 White Hart Street Paternoster Square, London, E. C., and 66 Fifth Ave. New York, 1902). One of "The Builder" Students series. A text book for Architects, Surveyors, Engineers, Medical officers of Health, Sanitary inspectors, and Students.

Materials and Methods in High School Agriculture by William Granville Hummell, M. S., Assistant Professor of Agricultural Education, University of California, and Bertha Royce Hummell, B. L. S. XI+385 pp., 8 in. X 5 in., (MacMillan, New York, 1913). The Volume contains courses of study, lists of books, and illustrations; so that it will be very useful for general work while furnishing an index to the bibliography of the subject.

Aus Nah und Fern. This is a quarterly now in its fifth year, about 32 pages, 8½ in. x 6 in. giving in brief, easy paragraphs, German news "from near and far" in German, with numerous illustrations. The more unusual words are given in English beneath each paragraph, so that it can be read by the high school student without a dictionary. So admirably adapted is it for this purpose that it is said to be already used as a text for classes in second and third year high school

classes in schools in every state of the union. Published in October, December, February, and April, 50 cents per annum, (The Francis W. Parker Press, 330 Webster Avenue, Chicago, U. S. A).

Aero View of the Panama Canal. This an embossed, 28-inch, official map—or model of the Isthmus and the canal showing the lock lakes and locations of the fortifications, by C. P. Gray, Map-Maker and Publisher, 38 Park Place, New York City. Retail price \$2.00.

Thomas Nelson and Sons, London, Edinburgh, Dublin and New York

Short Studies in English Literature, No 21 "Poems of Loyalty" Selected by Wilfred Campbell, LL. D., F. R. S. C., pp.99., 7x4½in.,

The Story of Canada, by Marsh, pp. 208, 7x5 in., 35cts.

The Story of the British People, by Parrot, A Reader for Form III, Public Schools, Ontario, pp. 384, 8x5½, 35cts.

The Story of the Earth and its Peoples, A Geography Reader in form III, Public Schools, Ontario—and for school libraries, pp. 528, 8x5½, 50cts.

Moral Instruction Series.

A Manual of Moral Instruction, by Reid, pp. 276, 7½x5½ in. 2/6.

Lessons on Character Building, by Baldwin and Robson, pp. 159, 7½ x 5½in. 1/6.

Lessons in Citizenship, by Waldegrave, pp. 160, 7½ x 5½in. 1/6.

The Pansy Patch, by Alice M. Chesterton, pp. 180, 7½ x 5½in.

Highroads of Literature (Royal School Series), 9 x 6½in. First Book—"When the World was Young", pp. 100, colored plates 16, 0/10. Second Book—"Bards and Minstrels", colored plates 16, 1/0. Third Book—"The Morning Star," colored plates 16, 1/3.

G. Bell and Sons, Kingsway, London, W. C. England.

Bell's Poetry Books, Parts 1 to 6 price 3d. each in paper, or in cloth price 4d. each, 48 pp. 7 in. x 4½in.

This is an entirely new series and is issued in seven parts, graduated to correspond to the Seven Standards in Elementary Schools.

Bell's "Sixpenny English Texts". Six volumes, edited by Mr. S. E. Winbolt, Christ's Hospital. Each volume is printed in clear type and contains a biographical and critical introduction. Where necessary a glossary is included. Each about 120 pp, 6½ in. x 4½ in.

Bell's Continuous Readers, each from 150 to 200 pp. 7in. x 5in. Boards, Price —/9—"A Tale of Two Cities," "The Little Duke," "The Three Midshipmen," "Tales From Shakespeare," "Ivanhoe," "Alice in Wonderland," "Parables from Nature," etc. Of same size, "The Highways of The World," "Aids to the writing of English Composition," by Brewster,

Geometry for Schools—Books V & VI, by Borchardt and Perrott, 7½ x 5in. each, pp. 327—403, 1/0; pp. 405—505, 1/6.

W. B. Clive (University Tutorial Press) New Oxford St. London.

New Junior French Course, by Roberts, 1913, pp. 262, 7x5 in., 2/6.

Direct French Course, by Chaytor, 1912, pp. 180, 7x5 in, 1/6.

Senior French Reader, by James 1912, pp. 321, 7x5 in.

New Junior French Reader, by Marichal and Gardinier, 1912, pp. 202, 7x5 in

Junior Magnetism and Electricity, by Jude and Satterly, 1912, pp. 284.

Junior Geography, by Fry, 1912, pp. 368, 7x5 in.

Shakespeare—"As You Like It," by Weeks and Fielder, pp. 120, 1912 7x5 in.

Vergil—"Aeneid VIII." by Richards, pp. 83, 7 x 5 in.

Senior French Unseens, by Gardiner, pp. 100, 7x5 in,

Acts of the Apostles, by Flecker, pp. 72, 7x5 in.

Introductory Mechanics and Physics, by Hooten and Mathias, pp. 148, 7x5 in.

Junior Chemistry, by Adie, pp. 286, 7x5 in.

W. R. Chambers, Ltd. 339 High St. Edinburgh.

Chambers Standard Authors—Manco, the Peruvian Chief, by Kingston, 1912, pp. 319, 7½x5 in, 0/8.

Chambers Effective Readers—Book IV, pp. 232, 7x5 in, 1/3.

Heroes of the Farthest North and Farthest South, by MacLean, pp. 240, 7x5 in.

A Little Book of the Cardinal Virtues, including a Chapter on Citizenship, by Glover, pp. 95, 7x5 in, 0/6.

Chambers Supplementary Readers—Selections from Hakluyt, Part 1, by Treble, pp. 79, 7x5 in, 0/5.

George Philip and Son, Ltd, 32 Fleet St. London, E. C.

Essentials of World Geography for Junior Students by Unstead and Taylor, pp. 248, 7½in x 5 in., 2/.

Piers Plowman Histories "Junior Book I", 40 pp. 9in x 7in, (colored illustrations) /9. "Junior Book II, 90 pp. 8 in. x 5½ in, 1/. "Junior Book III" pp. 129, 8 x 5½. 1/3. "Junior Book IV," pp. 196, 8 x 5½, 1/6. "Junior Book V," pp. 264, 8 x 5½, 1/8.

McDougall's Educational Co. Ltd., London and Edinburgh.

McDougall's Suggestion Phonic Readers, illustrated in colors. *First Book*, limp cloth, pp. 73, 7 x 5in., 0/6. *Second Book*, pp. 79, same size, etc. 0/7. *Book IV*,—"Earth Knowledge," illustrated, maps and colors, same size, etc. as above, pp. 80, 0/6.

History of England for use in Schools by Arthur D. Innes, M. A., formerly scholar of Oriel College, Oxford, pp. 605, 7½ x 5in. (Cambridge University Press, London, etc., 4/6).

Une Joyeuse Nichee, by Pressensee, edited by Alge, pp. 265, 7 x 4½in. (J. M. Dent and Sons, Bedford St. London, W. C. 1/9).

The Educational Book Co., Ltd., Toronto.

Dominion School Geography—Prairie Province Edition, pp. 288, 10 x 8in. Authorized for Alberta and B. C.

World Relations and the Continents, by Alexander McIntyre, pp. 180, 10 x 8 in. 80cts.

Latin Lessons for Beginners, by Robertson and Carruchers, pp. 420, 7½ x 5 in.

New Canadian Readers, Book IV,—20th Century edition, pp. 320, 7½ x 5 in.

How to be Healthy, by Halfpenny and Ireland, pp. 242, 8 x 6 in. 50cts
Authorized for Manitoba, Alberta and B. C.

Principles of Book Keeping and Farm accounts, by Bexell and Nichols, pp. 184, 9 x 6½ in. (American Book Co., New York, Cincinnati, Chicago).

Rational Book Keeping, Part I, by Eldon, Saskatchewan Edition, pp. 106, 10 x 7½ in. Part II by Ward and Eldon, pp. 154, same size, (W. J. Gage & Co. Ltd., Toronto).

The Modern Music Series—"The Common School Book of Vocal Music" by Eleanor Smith. A one-book course of song and study for use in schools of mixed grades, pp. 192, 8 x 6½ in. (Silver, Burdett and Co., New York, Chicago, Boston.)

First Books of Science—"Rural Science," by Green, pp. 146, 7 x 5 in. (Macmillan and Co., St. Martin's St. London).

First Books of Science—"Experimental Science," by Whitton, pp. 134, 7 x 5 in. (MacMillan, London).

Everyday English—Book One, by Baker and Thorndike, pp. 239, 7½ x 5 in. (Macmillan Co. New York).

The Golden Rule Series—The Golden Path, by Sneath-Hodges-Stevens. A school Reader, pp. 280, 7½ x 5 in. (Macmillan, New York).

The Golden Path, pp. 263, same size (Macmillan, New York).

School Janitors, Mothers and Health, by Helen C. Putman, A. B., M. D., of the Committee of the American Academy of Medicine on the Teaching of Hygiene. pp. 201, 7 x 5 in. (American Academy of Medicine Press, Easton, Pa., \$1.00)

Black's Sentinel Readers—Book V. pp. 239, 8 x 5 in. (Adam and Charles Black, London).

Bird and Bamboo by John Stuart Thomson, pp. 96, 7½ x 5 in. (D. Appleton and Co., New York, Chicago).

School Algebra—Book I, by Wentworth and Smith, pp. 298, 8 x 5½ in. (Ginn and Co., Boston, New York, Chicago, London).

Scouting for Boys, by Baden Powell, pp 320, 8 x 5 in., (C. Arthur Pearson, Ltd, Henrietta St., London, 75 cents).

Canadian Mining Journal, fortnightly. About 40pp. text 12 in x 9 in. and illustrations, and 40pp. advertisements. The great authority on Canadian Minerals, Mines and Mining and Metallurgical industries. 44 Lombard St., Toronto. \$2.00 per annum.

From the Report of the Provincial Examiner in Science,
Professor John Waddell, B. A. (Dal.), B.Sc. (Lond.),
Ph. D. (Heidelberg), D. Sc. (Edin.), on the
Examinations of 1913

Physics of Grade XI.

The results in Grade XI Physics indicate that a good many teachers laid to heart the suggestion made in my report to you which was published in the *Journal* of October, 1912.

The first question on the paper was a calculation in which not only the numerical answer was required, but also the unit involved; and very few marks were given unless both were correct. Out of 852 candidates, 340 got the correct result. In the second question there were two alternatives, one of which was the defining of five different units. About half of the candidates chose this alternative, and about eighty of them gave the correct definition. I am sorry to say that nearly half of these seemed to have learned the definitions by rote without properly understanding them, as they did not work the first question correctly.

It was satisfactory that the number of those who applied common sense to the first question was so large. I have heard from several schools in the province where the teachers took special pains to instruct the pupils in the matter of units, and I believe with success. Leaving out the question on units I doubt if the paper in Physics was any easier this year than last, yet the percentage of those gaining fifty marks or over was this year 58% as compared with 36% last year. I believe that the definiteness gained in the one matter helped in other departments.

I trust that next year there will be still better work done, that there will be fewer who learn words without understanding them, and that a greater number will be able to use an educated common sense in solving problems. At the same time I think that the learning of definitions has its use, and if the pupil cannot construct definitions for himself, the next best thing is to understand those constructed for him.

There will probably next year be a question involving both definitions and application and a full answer will require a knowledge of both. After the help given by the questions asked in the last two or three years, I think candidates should be able to do still more difficult problems, and should obtain a familiarity with force, and mass, and work, and velocity, which would avail in ordinary problems including cases where force acts as a retarding influence and where the force may be due to the action gravity upon the body of

itself. For instance, a problem like the following should be easily dealt with: "What force would bring a body to rest in a minute if it has the velocity that would be acquired by falling vertically for six seconds?" Neither this question nor one like it will be asked, but no candidate should go into the examination without having studied the subject so that he could do it. In this example the force might be given in either English units or French. The candidate is expected to be familiar with both sets of units.

The other questions do not call for much remark. The eighth question asked for a description of any machine or experimental apparatus connected with sound or light or electricity, and was only fairly answered. The electroscope was an apparatus often described, but rarely was the idea of induction introduced into the description of its use. When a general question is asked it is usually the most difficult on the paper instead of being the easiest, because a higher standard is required in the answer.

I propose next year to ask a question connected with specific gravity, which ought to be easily answered if the general principles underlying the subject are thoroly understood, tho any candidate depending upon formulae will find himself at fault, and will probably write nonsense. I give this information because I wish to encourage teachers to lay stress on general principles. I may give here a question illustrative of what I mean, "If an iron pot weighing a pound is placed in water, first sunk in such a way as to displace as little water as possible under the circumstances, and secondly floating on the surface, in which case will the greater bulk of water be displaced and what is the difference in the amounts?"

Chemistry of Grade X.

In the Chemistry of Grade X also the standing was higher this year than last, the number gaining fifty marks or over being 45.5% in 1913 as compared with 30.3% in 1912. This was doubtless largely due to the second and third questions in which the volume of gases was the chief feature. Out of 1224 candidates, 280 did both of these questions correctly, and approximately an equal number made only slight mistakes. One usual error was the weight represented by the formula $N(CH_3)_4 Br$ where the meaning of the bracket round the radical CH_3 was not understood. Many candidates multiplied the atomic weight of N by the weight represented by $(CH_3)_4$ not realizing that what they were doing was as meaningless as multiplying six pounds of sugar by five pounds of rice. In this way 920 was often given as the weight represented by the formula instead of 154. Some even multiplied by the atomic weight of Br getting 67,200 and it did not seem to occur to them that this result indicated that the gas was three times as dense as water.

I have for two years given very definite information in the examination papers regarding the meaning of chemical symbols, how formulae represent weights and, in the case of gases, volumes also. Teachers cannot be too careful in drilling these ideas into the minds

of their pupils, for a very fruitful source of misconception in chemistry is the supposition that the main value of symbols is to represent atoms and molecules. Theories such as those regarding atoms must grow out of facts; and tho a theory may help in the discovery of facts it must always be subordinate, and if facts and theory do not agree, so much the worse for the theory; not, so much the worse for the facts.

I was sorry to find that a considerable number of candidates after having answered the second question correctly, failed to see that the third was an exercise depending upon the principles insisted on in the second, and hence made gross errors in working it. The required information was given to them. They really only needed to use their common sense; and it seemed a pity that the help that I took so much pains to give was disregarded. I think I may promise that next year a question on the same subject will be asked, because it is important. Candidates need not expect instruction in the paper itself, for that ought to be unnecessary. The papers set in the last few years should be studied not with a view to simply being able to answer those particular questions, but in order to get hints regarding the best way of taking up the subject. Teachers would probably find a book of mine called "The Arithmetic of Chemistry" helpful, if they do not feel sufficiently familiar with the subject to teach it effectively. There are several pages of equations given in an appendix which might prove useful as well as the main part of the book. (A notice of this book is given on the advertisement page at the back of "A School Chemistry.")

The first question, which was on the preparation and properties of one of a number of different gases was not well answered. There are about twenty or twenty-five substances of great importance that can readily be prepared in the laboratory, and as a course of chemistry always includes a study of many of these I think it but fair that some question should be asked upon them and tho of course one cannot always promise to do so I have usually asked a question of that kind. But the candidate should realize that the method of preparation given should be such as to show that he has a fair idea of how to carry out the operation. If the preparation of carbon dioxide were required it would not be sufficient to say "put hydrochloric acid on marble." The evident idea of the question is to describe a process by which a quantity of the gas may be obtained so that its properties may be investigated. A description of the apparatus, best with drawings, should be given. The properties too should be given as fully as time will permit and with thought as to the meaning of words. I have had chlorine described as a colorless, tasteless, odorless, gas in one sentence; while in another the statement was made that it is green and has a bad smell.

The question as to what would be *seen* if phosphorus were burned in a cylinder of air over the pneumatic trough was not well answered. This was admittedly a somewhat difficult question and was examined leniently. But teachers should draw the attention of pupils (mainly by questions) to what they observe; and in the text-

book prescribed a number of questions are asked for the purpose of encouraging minute observation. Most of the candidates that made any statement upon the matter at all said that the flame of the phosphorus would grow smaller as the oxygen was used up, tho a careful observation would have shown that such is not the case, and a little consideration would make it plain that as the oxygen becomes exhausted the vapor of the phosphorus must go farther before it gets enough oxygen for complete combustion, and that therefore the flame caused by the combination of phosphorus with oxygen must become larger.

Science of Grade IX.

In Grade IX the percentage of those gaining fifty marks or over in science was practically the same as last year, being 42.4% as compared with 42.9%. The improvement in Physics and Chemistry of Grades XI and X leads me to make some comments on the work of Grade IX with the hope that there may be improvement in it also.

The first question asking for a description of the flowers of three plants was poorly answered. Many candidates, perhaps the majority, instead of simply describing the flower, described the whole plant, sometimes rarely mentioning the flower. This of course made it difficult for the examiner as he had to look thru much irrelevant matter in order to discover whether the examinee knew anything about what was really asked, often finding that the knowledge was very slight. Even where the mistake of describing the whole plant was not made the description of the flower was often very unsatisfactory. I believe that teachers do not take much pains in guiding the pupils to observe what is most important. A girl from one of the largest schools in the province where one would expect the best of teaching, asked me what was meant in the first question by the statement that "it was not a very important feature of the description of the strawberry to say that it has five petals, but that there are some points about the petals that are of special importance." She said that in her school, the pupils were given flowers to examine and describe, that they described them as they saw fit; and that corrections were not made nor were they taught to observe special points of importance about the flowers.

One of the most important features in Botany as a study for children is the training of the observation. Everybody has some powers of observation about things in which he is interested. A child picking flowers will naturally choose certain ones and reject others because of some characteristic which is liked or disliked. The things to be observed differ according to the purpose for which the observation is made. Anyone setting out to observe plants from a botanical point of view needs assistance, because what is most important has been decided upon by botanists after a century or more of work upon the subject. Aimless observation is not to be desired. The vast number of plants need to be arranged in groups. Our knowledge is in a very unsatisfactory condition unless system-

atized. The orders in which the following plants are arranged are the result of long and careful investigation on the part of botanists and tho the Canadian potentilla or the barren strawberry would probably by most of the uninitiated be considered more like the butter cup than the columbine is, the relationship of the two apparently dissimilar plants is the closer.

Teachers should draw the attention of the pupils to the features which have been considered by botanists as most important in the classification of plants. They should be led to observe that in the butter cup and columbine the parts of the flower are all distinct; that in the strawberry and potentilla, the apple, plum and hawthorne, the five petals which are separate from each other are joined to a ring on the gamosepalous calyx, to which the stamens are also attached. The difference in the fruit of the strawberry, plum and apple will naturally lead to a search for a difference in the flower, and the structure of the pistil in the different flowers will be carefully studied.

Similarities of flower structure are usually the basis of classification of the flowering plants; but often other characteristics of the plant accompany these similarities. For instance, the *rosaceae* have alternate stipulate leaves and the *caryophyllaceae* have leaves opposite or in whorls and stems swollen at the joints.

In order that teachers may be induced to guide the observations of the pupils I think I can promise that next year a question on flowers will be asked. It cannot of course be asked in the same way as this year. But if the pupil learns well twenty or twenty-five of the common flowers such as are given in the prescribed phenological list, he can hardly avoid hitting on two at least of the flowers that will be asked. Where a pupil studies two or more flowers of the same order it is important that the difference between them should be carefully noted.

Botany of Grade XII and IX.

I may say in this connection that the question asked in Grade XII Botany requiring a description of three different genera of the *Rosaceae* or *Leguminosae* was not well answered. I understand that the plants given in the phenological list are required of Grade XII as well as of Grade IX. A number of those taking Botany in Grade XII count, I suppose, on being teachers, and may, I daresay, be the most important contributors of information from the phenological stations. It seems then but right that they should have a fairly good knowledge of the plants in the list, in which case the question asked should not have been considered difficult.

Returning to Grade IX I think teachers would do well for their own guidance to refer to some book like Spotton's in studying the flowers and plants, tho Bailey's chapter on the flower brings in many peculiarities. When the schools open in the autumn there are some interesting flowers, such as toadflax and the sunflower that

may well be studied. In the latter the structure of the flowers of that large order of plants, the *compositae* can be seen on a larger scale than in almost any other member of the order. Autumn is specially the time for the study of fruit and seeds, and is a good time for taking up Bailey's chapters on fruits and seeds. I commend to teachers' careful consideration of the note on page 143 in Bailey, that the specimens themselves must be studied. A pocket lens is of great value in examining nearly all parts of plants.

With regard to terms such a polypetalous, gamosepalous, syngenesious and I think that it is well to teach these but not without making perfectly certain that they are understood with, if possible, the derivation of the words and analogies to other words. For example polysepalou with polysyllable, syngenesious with syntax and genesis. I should much rather, however, have the flower described without the technical terms than have these used in such a way that I am not sure whether or not the candidate understands their meaning. Often I am in doubt whether it is the candidate's knowledge of the flower or his knowledge of the terms which is at fault; whether, for example, when he says that the buttercup is gamosepalous, his idea of the flower is correct tho the term he uses is wrong.

I do not wish to be understood to indicate that the flower is the only thing to be attended to in the study of the plant. The character of the leaves, of the stem, of the roots is important; and tho I promise a question on the flower I do not wish teachers to confine themselves to that. The promised question is only one out of five. I have discussed the flower in order to give teachers and pupils at least one definite special subject.

Physics of Grade IX.

With regard to the Physics of Grade IX, perhaps the question that received the least satisfactory answers was the one in which an experiment in heat or sound or light or electricity was asked for. A question like that is intended to bring out what the candidate knows, and is specially valuable when the other questions are poorly answered, if it shows that at least some part of the subject is thoroly understood. But the simple statement that if one end of a poker is put in the fire the other end will become hot due to conduction of heat, or that a piece of sealing wax rubbed with flannel will become electrified, or that the flash of a gun fired at the distance of a mile will be seen before the report is heard, is not worth many marks tho it gives an experiment. If the pupil learn two or three really important experiments understanding what they are intended to prove and how they prove it, he cannot fail to acquire some definite ideas but he can hardly expect the examiner to suppose that he knows more of the subject than is represented by his answer. And it would be scarcely fair to rank the pupil who shows no more knowledge of the subject than might be expected from a boy in Grade VII or VIII along with one who has evidently worked and has acquired such a

knowledge as corresponds with his grade. I warn candidates against trying to learn a single experiment, thinking that they will lead the examiner to suppose that they know a good deal about a subject of which they are largely ignorant. I have little doubt their ignorance will be detected and that they will get the small number of marks that they deserve. As an illustration take the experiment given on page 130 of the Physics Primer, which is often found in the examination papers. This is a very good experiment, but the examinee should not try to make the examiner think he understands it if he doesn't, for he will almost certainly fail. A parrot-like repetition of the book would be taken as almost sure evidence that the candidate does not understand what he is writing and it can hardly be correctly recast in another form unless the principles involved are at least fairly understood. This is given as an example. The candidate will see how the principle applies to other experiments.

General Advice.

In the last four years you have published in the October Journals parts of my reports to you, and I wish to draw the attention of teachers to them even if they have read them before. Another perusal may be of benefit.

From the point of view of the candidate the Provincial Examinations are doubtless regarded as a means of obtaining a certain educational rank. The main point with him is whether he can pass or not. From the point of view of the education of the Province the standing of the individual candidate is a small matter. What is of importance is that the training given in the schools shall be such as to develop to the highest degree possible the mental resources of the pupils. I take it, that the examinations should be educative and that if I can induce the teachers of the Province to take up the study of science in their schools in such a way as will cultivate scientific modes of thought among their pupils, I have gained the chief object. Then I trust that the examinations will be such that those who have studied carefully along correct lines and have striven to understand the principles of the science will look forward to them without fear, and will look back upon them with satisfaction.

THE DIRECTOR OF RURAL SCIENCE SCHOOLS.

The Council of Public Instruction has appointed Mr. Loran A. DeWolfe, B. Sc., M. Sc., of the Provincial Normal College, Director of the Rural Science Schools of Nova Scotia, which are commencing to lay the elementary foundations of a scientific and practical agricultural training in our public schools.

The old name is retained on account of its appropriateness, altho the movement is to be stimulated by the grants to be re-

ceived henceforward thru the Dominion Department of Agriculture. The Dominion is now aiding the Provincial administration most effectively in Physical Training and elementary Agriculture.

The Director and Inspectors will mutually aid each other in stimulating the progress of this work as suggested in the Regulations.

The Normal College has developed a special Faculty of instruction for the training and certification of teachers qualified for the rural science schools under the Deanship of Professor Clarence L. Moore, M. A., F. R. S. C., of the University of Dalhousie. There will be as usual a summer session (July and August) of this school.

The new Regulations are as follows:

91. Rural Science Schools.

- (1) The Regulations of the Council of Public Instruction referring to Rural Science education under the authority of Sections 5 (16, 17, & 18) and 72 of the Education Act, shall henceforward be construed to govern the appropriation of money granted by the Department of Agriculture of the Dominion of Canada in aid of elementary agricultural education in the province of Nova Scotia.
- (2) A Director of Rural Science schools shall be appointed to develop, direct, inspect, and report upon the schools qualifying for such aid to the Superintendent of Education.
- (3) The Director shall also be one of the Instructors in the Normal Rural Science Training School for teachers, which shall be conducted in affiliation with the Provincial Normal and Agricultural Colleges, and shall mutually co-operate with the Inspectors of Schools in every effective manner, convenient, or as directed by the Council of Public Instruction.
- (4) The funds received from the Dominion Department of Agriculture shall be applied to the training of qualified teachers for rural science schools, to the development and subsidizing of these schools with gardens and libraries for effective instruction, to the payment of the salaries of the Director and of the Dean of the Rural Science Teachers' Training School, and to the minimum expenses of teachers in special training for these schools.
- (5) The Rural Science Training School, Truro, has been organized for the purpose of improving the qualifications of teachers of elementary science in its

application to the common school and especially to the rural school as a diffuser of agricultural knowledge and efficiency among the young people of rural districts.

The curriculum of studies is pursued at the Provincial Normal and Agricultural Colleges thru one, two, or three terms of about four weeks each; and, at successive stages in the completion of the same, the student may be granted a certificate qualifying him for a special grant. On the completion of the course, the candidate is granted a Rural Science diploma qualifying for the highest special grants to Rural Science teachers.

The summer sessions of the Rural Science Training School will be held in Truro in July and August.

The following arrangements however, are made for a continuous course of training for Normal students leading to a Rural Science diploma. Graduate and undergraduate students of the "B" and "A" classes of the Normal College, possessed of exceptional general ability, of previous knowledge of the natural sciences, and of aptitude for science teaching; may at the beginning of April enrol as candidates for the Rural Science diploma as well as for the diploma of the Normal College. Such undergraduate candidates are released from their regular studies in the Normal College and are permitted to devote themselves to the work of the Rural Science School, remaining in attendance until the closing of its classes in August, at which time they may hope to be awarded the full diploma in Rural Science.

The teaching staff comprises the several science-teachers of the Provincial Normal and Agricultural Colleges; and the laboratories and other equipments of the two provincial institutions at Truro are placed at the disposal of the faculty and students.

Tuition is free. Railways grant single-fare tickets on the "Standard Certificate" plan, and students are recouped the amount of their actual travelling expenses.

(6) Application for admission to the courses leading to a Rural Science diploma will be received from Superior First, First, and Second rank graduates of the Provincial Normal College, and from First and Second class teachers specially recommended to the Faculty of the Normal College by the Inspector on the ground of effective work done in Nature teaching. Application must be received not later than June 30th; and all applications will be submitted to the Faculty for approval. Applicants not recommended by the Faculty will be notified not later than July 4th.

(7) Teachers who have been regularly admitted to the Rural Science Training School and have satisfactorily completed during any session any one-third of the whole course, may be awarded aid not to exceed thirty dollars per annum at the close of the school year following, provided the teacher's work, the character of the pupil's work on the school grounds or home garden, the school library and the general improvement of school conditions, will enable the Director to recommend the extra grant as clearly merited by the Teacher's success in advancing rural science education in a rural or specially determined school section.

(8) Teachers who hold a Rural Science diploma regularly awarded by the Rural Science Training School may be awarded aid of, respectively, \$60, \$90, or \$120 per annum; payable semi-annually thru the Superintendent of Education, according as the Director reports the rural science work as "fair", "good" or "superior," the conditions of which are as follows:

(a) For the rank "fair" qualifying for a \$60 grant per annum, the school house, grounds, apparatus and library must indicate creditable effort on the part of all concerned to do well the general and special work of the school. There should be proper facilities for the growth and germination of seeds, and for the study of plant life history. The school must have a garden or window boxes, or the pupils must cultivate plots in their gardens at home, of which plans on a uniform scale shall be kept in the school room to enable them to show from week to week the progress of the home work. Nature lessons must be of special excellence and the library must have good nature-study books and interesting books on any possible local industries, such as the farm, the garden, the forest, etc. Maximum regular school garden grant \$30. For the *initial* year of school garden work, there may be an additional grant not exceeding \$20 for equipment.

(b) For the rank "good" qualifying for a \$90 grant per annum, the school and grounds must be well equipped and kept in good form. The school garden should be at least about one eighth of an acre with 4 x 10 feet plots for each pupil, in addition to a large general experimental plot, flowers and shrubbery; the rural school library at least of the five dollar grant standard, adapted generously to nature study and rural industrial literature. Maximum school garden grant \$40.

(c) For the rank "superior" qualifying for a \$120 grant there must be at least two teachers in the school, the equipment and up-keep of which must be superior in all respects. The school garden should be about a quarter of an acre with 4 x 10 feet plots for each pupil, with a large general experimental plot, flowers, shrubbery and trees; the rural school library, at least of the ten dollar grant standard, generously adapted to rural science and industry. Maximum school grant \$60. All school garden grants herein specified are in addition to any appropriations to school gardens made by the municipality.

If the two teachers have the rural science diploma the grant of \$120 may be divided according to the work of each teacher, to be decided in case of doubt by the Director. Where the school ranks lower than "fair" the Director may recommend a lower grant—an appropriate fraction of the regular grant.

(9) The Director shall not recommend a school garden grant without clear evidence that the necessary outlay of heavy labor and fertilizers supplied outside of teachers and pupils is at least as great as the grant. The grounds must be entirely at the cost of the section. The labor of teachers and pupils are school duties. The grant for the school garden shall be paid after it is recommended by the Director, to the order of the "teacher and school secretary" thru the Superintendent of Education. The Director shall send a duplicate of recommendations and classifications made to the Superintendent to the Inspector of each school. Notice of competition for school garden and Rural Science grants must be given to the Director and Inspector at the opening of the school each year, and should be signed by the *Secretary* as well as the Teacher.

(10) Where a school club, or similar organization, approved by the Superintendent of Education, and involving the performance of agricultural or horticultural operations by the pupils under the supervision of the teacher, is established and conducted in accordance with the instructions of the Director, the teacher shall be entitled to a grant equal to that payable for the conducting of a school garden appropriate to such school. In lieu of a school garden grant to the section a grant may be made to any such organization on the recommendation of the Director, for the purchase of seeds, fertilizers etc., and for promoting its efficiency; such a grant not to exceed the amount of the school garden grant payable to the section on account of a school garden appropriate to such school.

(11) A small shed for the garden tools, with a projection, glass-roofed, facing the sun to serve as a miniature hot-house for forcing plants in Spring, is an important equipment of a standard garden. A very cheap structure sufficing, especially for the "small" garden. The size, number and management of plots specified above are merely given as general directions when teachers and school boards have no other scheme which they deem superior. Any other arrangements approximating these conditions, but demonstrating novel or special advantages or improvements, are not only allowable but will be specially commended after a successful test.

(12) If the teacher, an assistant or the secretary of the school board, record under oath the attendance of pupils during the holidays in weeding and observing the school garden, such time may be substituted equitably, according to agreement with the inspector, for an equivalent number of holidays during the winter or stormy weather of the school year following, or the

"days' attendance" may be added to that of the following half yearly "return."

(13) The course of study for the Rural Science diploma shall be as defined from year to year in the Rural Science Training School course of study, provided that on the recommendation of the Director and the Dean of the Rural Science faculty, supported by the Principals of the Agricultural and Normal Colleges, the Council of Public Instruction may authorize promptly thru the Superintendent any change likely to be of advantage to the general object in view.

Comments by the Director.

The Director of Rural Science Schools hopes to be of assistance to Rural Science teachers not only in their actual teaching of Nature work, but in securing co-operation of trustees and parents in all that pertains to more useful nature teaching in public Schools.

He anticipates the co-operation of Inspectors, Women's Institutes, Agricultural Societies, and all other agencies thru which assistance and encouragement may come. From time to time, pamphlets will be distributed, thru the teachers, which will give instructions relative to such important subjects as Seed Selection, Troublesome Weeds, Vegetable Gardening, Tree Culture, Landscape Gardening, etc. In many cases, these pamphlets already exist, but teachers and the general public do not know about them. In other cases, new material will be provided.

One cannot hope to meet with success everywhere. It is earnestly hoped, however, that many school grounds will become more beautiful thru growing shrubbery, hedges, and trees; and that these landscape effects will be copied and improved upon around home.

In the flower garden, teachers will introduce new varieties of flowers. They will also select flowers that give a succession of bloom thru a large part of the summer. Children will become interested; and want to grow these flowers at home. Parents will come to see the school-garden; and, incidentally, will become more interested in school work generally.

The school vegetable garden will appeal to the more practical citizens. Thru this medium, better varieties of vegetables will find their way to many farms. If the boy at school can grow better vegetables than his father at home can, the father will want to know the reason.

It is hoped that friendly competition—especially in home gardens—will lead to more scientific growing. These competitions will be started thru the schools.

The Director will expect the teacher to help him meet farmers, and others, with whom he may talk on the foregoing topics. Thus, every Rural Science school may become a center for development, of all that is most essential to rural welfare. Farmers will become readers of farm literature. The boys will be more content to remain on the farm; and their farms will increase in value.

Nor are rural schools the only ones that should profit in this way. Children of town schools need instruction in home gardening more than do country children. The town teacher who can induce town people to grow flowers and vegetables on their small town lots is certainly deserving of an increased money grant.

This is not at all visionary. The fulfilment of these hopes, however, depends largely on the whole-hearted support of the teacher.

The Director and the teacher must keep in communication thru correspondence, in order that the work may be carried on systematically and to best advantage.

DEVOTIONAL EXERCISES IN THE SCHOOLS OF NOVA SCOTIA.

Comments and Regulations of the C. P. I.

28. *Whereas*, It has been represented to the Council that trustees of public schools have, in certain cases, required pupils, on pain of forfeiting school privileges, to be present during devotional exercises not approved of by their parents; *And whereas*, Such proceeding is contrary to the principles of the school law, the following regulation is made for the direction of trustees, the better to ensure the carrying out of the spirit of the law in this behalf;

It is ordered, That in case where the parents or guardians of children in actual attendance on any public school or department signify in writing to the trustees their conscientious objection to any portion of such devotional exercises as may be conducted therein under the sanction of the trustees, such de-

votional exercises shall either be so modified as not to offend the religious feelings of those so objecting, or shall be held immediately after the time fixed for the close of the daily work of the school; and no children, whose parents or guardians signify conscientious objections thereto, shall be required to be present during such devotional exercises.

29. (1) School trustees have power to rent temporary school rooms when there is not sufficient accommodation in the public school rooms; but they cannot use for public schools, rooms which are not, for the time, completely under their control for school purposes, so that they can be held responsible for the character of the accommodation which must be in accordance with law.

(2) School trustees cannot vacate a public school room for any other room except in order to have it repaired, providing it should be deemed capable of repair; or for some sufficient reason affecting the school section as a whole, such as to secure better grading but not to suit the desires of individual parties or sects.

(3) Any arrangement of school rooms which may (1) prevent the exercise of supervision by the principal teacher of the school section; or (2) prevent the efficient grading of the departments in charge of such teacher, is not compatible with the spirit of the school law. If either of these irregularities exist, and continue after notification by the inspector, the schools cannot participate in the public grants.

(4) It is legal for pupils in a section with only a few departments, which cannot have, therefore, more than one series of grades, to meet for devotional exercises in another room than the one in which they are registered for the work of the grade, the arrangements for exchange of rooms to be co-ordinated by the principal so that there may be no confusion or unnecessary loss of time. Separate devotional exercises may thus be held simultaneously to suit the desire of different pupils who during the rest of the day will be in their regularly graded class-rooms.

SOME MODERN TRENDS.

Pope's Physician, Marchiafava, demolishes Theory that Brain Workers may derive Beneficial Stimulus from Small Doses of Liquor.

Milan.—After remaining in session for four consecutive days, during which three hundred doctors, university professors and educators arraigned alcohol for its terrible effects on men and society, the Anti-Alcoholism Congress has adjourned to meet again two years hence.

A feature of the congress was a lecture by Professor Marchiafava, who holds the chair of pathological anatomy at the local university, and who is better known as the Pope's consulting physician, on the pathology of alcoholism. He revealed to the medical profession a series of discoveries made by him and his assistants in his clinic in Rome of the effects of alcohol on the cerebellum.

Professor Marchiafava, who is a splendid orator, pointed out all the evils accruing from the immoderate use of alcohol. The organs most exposed to the deleterious effects of the poison are naturally those which first come under its influence, he said. Hence acute alcoholic gastritis and later cirrhosis of the liver.

Dealing in statistics he said that, whereas ten years ago, the percentage of deaths from acute or chronic alcoholism in Italy amounted to 14 per 1,000,000 inhabitants, it has now gone up to 44.

Returning to the purely scientific field, Professor Marchiafava dealt with the pathological effects of alcoholism on the human organism, giving special importance to the degeneration of the cardiac muscle—the heart—which suffers from fatty degeneration as a result of excessive indulgence in wine or beer.

From Eugenic Standpoint.

He dwelt at length on the effects which the abuse of alcohol is likely to have in producing arteriosclerosis and that particular hypertrophy of the heart known as "beer heart."

From the standpoint of eugenics, now so generally discussed both in America and in Europe, Professor Marchiafava said alcoholism was responsible for irreparable deterioration, and in every case irremediably harming the children, who are born, with a physical and moral stigma which brands them throughout their lives and makes them candidates for prison or criminal asylums when not sending them prematurely to the grave.

Experiments on Animals.

Professor Marchiafava said that under his direction one of his assistants, Dr. Schiboni, of the Pathological Institute of Rome, has begun a series of experiments on animals to which alcohol is given daily. One of the things observed is that after several months of ingestion of alcohol the kidney glands of the animals showed signs of alteration and lesions.

Very interesting were Professor Marchiafava's remarks on the deleterious effects of alcohol on the brain. He scouted the idea that alcohol, even in small doses, is a beneficial stimulant for brain workers, and advised all such to abstain from alcohol when under the stress of hard work requiring close application.

Changes in the Brain.

The demonstration he gave of the devastating effects of alcohol on the brain cells, and especially on those of the cerebellum and its adjuncts, aroused the keenest interest of his learned audience.

He related that in the brains of the habitual drunkards he and his assistants had observed marked changes of a distinct degenerative nature, especially in the connecting muscles of the encephalon, and that in other instances changes, consisting of the appearance of black dots, had also been observed in the white substance of the brain and in the cerebral convolutions.

To these alterations corresponded, Professor Marchiafava said, the following physical disorders: Degeneration of the character; loss of the sense of decency, of love for the family and family life, of the sense of honor, and a state of permanent irritability.

"The Cup Which Kills."

This part of Professor Marchiafava's address was illustrated by several tables showing the changes in the brain due to alcohol. He regarded the history of a man

whom he had had the opportunity of studying personally in Rome. The man was a lawyer. He became addicted to the use of alcohol and by small degrees descended to the lowest levels of social degradation, until finally he landed in jail, a physical and moral wreck.

With rapid and dramatic summary Professor Marchiafava concluded his impressive lecture by pointing out the various evils of alcoholism from a scientific, moral and sociological point of view, and by expressing the hope that the congress would help to dissipate the time-worn prejudice that the "cup which cheers" is the "cup which kills."

The Moral Degeneration.

The last part of Professor Marchiafava's address was, the following day, further illustrated by Professor J. van Rees, of Hilvertrum (Holland) University, who read a paper on the moral degeneration caused by the protracted and immoderate use of alcohol as determined by scientific observations.

After calling the congress's attention to the increased value in which a man's character and a man's sense of responsibility are held and to the efforts which are now being made in every country to raise the standard of these two factors, especially in the young, he said that alcohol is responsible for all degenerations along these lines.—Ex.

Emperor William an Abstainer.

The Kaiser of Germany has joined the ranks of teetotalers. He has foresworn the fatherland's favorite beer, and cut out its choicest wines.

Persons who are in close contact with him say that this is the result of the Emperor's conviction that alcohol lessens the working capacity of a man. He often expresses the opinion to members of his entourage that immoderate drinking is one of the greatest factors in retarding the development of nations.

Some time ago, the Kaiser demanded the latest alcoholic statistics as to suicides, accidents and crimes which resulted from immoderate drinking. After a study of these statistics, he experimented on himself, and found that even small quantities of liquor lessened his energy and capacity for work; whereupon, with characteristic impulsiveness, he cut out alcohol entirely.

He never misses an opportunity to descant on the value of temperance; and the result is that the members of his suite who like their wine touch it lightly when dining in his presence.

While he was swearing in the naval recruits at Wilhelmshaven recently, the Emperor took occasion to deliver a lecture on temperance, and drank a toast in and to water. He also recently told army officers who asked if there would be any objection if his health were drunk in water, that, on the contrary, he would be well pleased.—Ex.

The Verdict of the Modern Hospitals.

Prof. J. B. Hellier, M. A., M. R. C. S., Leeds, England, says of the Leeds General Infirmary: "In 1869 the average expenditure per head on alcohol as a medicine was 6s. 6d., with 1828 patients. In 1912 it was twopence per head, with 8345 patients."

Prof. Anderson Stuart, Dean of the Medical Faculty, Sydney, President Prince Albert Hospital, etc., etc., says:

"So little is alcohol valued as a drug that less than twopence per inpatient was spent on it in the Prince Alfred Hospital in 1911."

Sir Victor Horsley, Prof. of Pathology, etc., etc., in "Alcohol and the Human body," says:

"The Salisbury Infirmary, England, spent in 1865 £302 on alcohol. In 1905 the expenditure was £18."

The Wandsworth Infirmary, London, in 1875 had 1405 patients and spent £371 on alcohol. In 1905 they had 5451 patients and spent £2 7s. 5d."

"The London Board Hospitals in 1894 had 19,937 patients and spent £1388 on alcohol. In 1909 they had 27,570 patients and spent only £251 on alcohol.

The Highest Authorities.

Sir Thomas Barlow, M. D., K. C. V. B., President International Medical Congress, 1913, said:

"Wine is not, as is supposed, the milk of the aged; it tends to produce heart weakness."

On January 23rd 1913, Dr. Saleeby, F. R. S., etc., etc., said:

"I prescribe no alcohol. If you go to the tip-top surgeon, Sir Victor Horsley, you will get no alcohol under any possible circumstances. If you go to Sir Thomas Barlow, President of the Royal College of Physicians at the present moment, under no circumstances does he prescribe alcohol."

Sir Thomas Fraser, Prof. of Therapeutics at Edinburgh for the last two years, 1911-12, has prescribed no alcohol for pneumonia patients or his other patients, having been convinced by experiment that it was harmful and not helpful.—

The Simplification of Grammatical Terminology.

The Education Gazette of the 25th September, Union of South Africa, discusses a criticism of the "Final Report issued in 1911, England, by the joint committee on Grammatical Terminology" (Macmillan, London), whose object was "the simplification and unification (as far as possible) of the terminologies and classifications of the five different languages, English, Latin, Greek, French, and German." It concludes the criticism by saying that the Joint Commission had accomplished a most valuable work; and as it pointed out on the 30th Nov. 1911, "there is no doubt whatever that the use in our schools of the terminology laid down would, from the

teaching point of view, be a great gain both in the economy and effectiveness of the pupil's work in Grammar."

We would go further, and say that in future, no grammars should be prescribed for our schools if the authors have not made a successful attempt to carry out the recommendations of the Joint Committee so far as it can be effectively done. Then follows a paragraph on the application of the principle to a sixth language—and the *Gazette* itself, a folio monthly of about 36 pages, is printed in English and Dutch:

Grammatical Terminology and the Dutch Language.

"As was reported in the *Gazette* so long ago as 6th June, 1912, a joint committee of the two Teachers Associations of this Province has under consideration the question of adapting to the Dutch language the recommendations of the English Committee on Grammatical Terminology. So far no report has been issued by this local joint committee, but we learn that altho the matter offers some little difficulty, there is a prospect of some progress being reported at an early date."

Poets and Spelling.

Poets are, by nature of their art, simplified spellers—Chaucer, Spenser, Shakespeare, Milton were simplified spellers. Spenser used to indicate by revised spelling how he wished his rimes pronounced. Milton in the two first pages of his *Comus*, printed while he had yet the use of his eyes, gave such phonetic forms as "soveran," "boosom," "blu," "dispacht," "bowr," "crush't," "iland," "saphire," "nurs't," "perplex't," and always substituted the apostrophe for e in such words as "form'd," "confind," when he did not wish it pronounced. He had more courage than we. And to Tennyson, most careful, if not finical, of all modern poets, the simplified spellers go for examples of bettered, because shortened, words. The present Poet Laureate, Robert Bridges, is the author of a little book in support of more phonetic spelling.

Dr. Bridges booklet is entitled *A Tract on English Pronunciation*. His argument is, that it is well to have a common pronunciation of English words all over the English-speaking world, and that it is impossible to have it so long as the spelling does not indicate the pronunciation. How otherwise can Georgia talk like Maine, or the Orkneys like Dover, or Sydney like London? There is already great danger that England will lose the r in lord, where Milton gave it a distinct bur.

If there is to be a preferred pronunciation of English, says the poet Laureate, we must find some way to indicate what it is; that is, we must use a more or less simplified, or phonetic spelling. He puts it strongly: "We must either give up the attempt to preserve a preferred English pronunciation, or we must give up our opposition to a regulation of English spelling." The choice which he sets squarely before us is either to preserve its obsolete and fantastic spelling, and he tells us we had better keep the sound and let the spelling go. So speaks a poet and a master of sounds.—*N. Y. Independent, October, 1913.*

New Language for Norway.

In Norway a Government commission, composed of representatives of literature, the university and the schools, is now discussing the advisability of adopting officially the new language invented by Ivar Aasen.

Aasen, whose centenary has just been celebrated in Norway, took the living Norse dialects the remnants of the old saga-speech, selected from them all those words and grammatical forms which

seemed most suitable for his purpose, welded them into a harmonious language, and, after making grammar and dictionary, used the new idiom in many books, recently republished as a monument to his memory. Now not only is it generally admitted that the *Landsmaal* (as the new speech is called, to distinguish it from the official *Piksmal*) is of rare beauty and especially adapted to poetry, but there is a growing demand that it should be the state speech. It is already taught in the schools, newspapers are printed in it, writers of repute employ it and Parliamentary speeches are made in it occasionally. *Echo, Halifax, 24th October, 1913.*

The Metric System.

The Ontario Public School Arithmetic was adopted on account of its cheapness, not for its spelling. It is therefore not necessary for pupils to give up the more modern and better spelling of the old Nova Scotia text. The Un-English forms, *gramme* and *kilogramme*, for instance, have long ago been printed even in the English parliamentary reports published by His Majesty's stationery office as *gram* and *kilogram*. (See the Parliamentary Blue Book, *Report Weights and Measures Bill, 1904.*)

The spelling of metrical terms in the old Nova Scotia Arithmetic still used in New Brunswick is that adopted by the Decimal Association of Great Britain (Address: Finsbury Court, Finsbury Pavement, London, E. C.).—*Gram, meter, liter, etc.*

A report of the Committee of Privy Council, Cd. 2343 of 1905 states that the Government of Canada is prepared to introduce legislation to legalize the metric system as the *sole* (it is now *optional*) standard of weights and measures at such time as may be agreed upon between the Government of Great Britain and the various units of the Empire.

Arithmetic in schools shall then, after the transition period is over, be freed from the time consuming exercises of reductions and the compound rules. There will be only addition, subtraction, multiplication and division; and the understanding of business. There will then be less excuse for lack of rapidity or of accuracy in arithmetical work. It will save more than one year's occupation in arithmetic, with better chances for efficiency.

In England, 221 Headmasters of large schools were asked the following questions:—

1. Are you in favor of the adoption of the metric weights and measures?
2. What in your opinion, would be the time a scholar would save in learning arithmetic if the metric weights and measures were substituted for our present weights and measures?

In reply, 212 expressed unreserved support of the metric system; 197 stated that there would be a considerable saving of time, 161 estimating it at one year, 30 at two years, and 6 at three years of school arithmetic time.

After a long and careful inquiry the General Medical Council of Great Britain resolved that in the new British Pharmacopia the metric system should be employed in all Pharmaceutical operations for the preparation of officinal medicines.

M. Ch. Ed. Guillaume, Joint Director of the International Bureau of Weights and Measures at Paris has announced that the Chinese Government has now adopted the whole metric system instead of the temporary and partial step taken four years ago, when 32 centimeters were chosen as the unit of length.

Japan also is making very rapid advances to the same end.

Private advices state that the Imperial Government of Russia has completed and will shortly lay before the recently elected Duma a comprehensive scheme for establishing metric reform which has hitherto been only partial.

At the Imperial Conference of 1911 Australia proposed a reform of weights, measures and coinage, as had been voted almost unanimously by her Parliament. In this proposal she was supported by all the other Self-governing Dominions, New Zealand, Canada, Newfoundland, and the South African Union, but Great Britain refused to join. Thereupon Australia withdrew the motion after a short discussion in which Great Britain admitted the metric system to be in itself the best. As Mr. Asquith said in reference to the coinage question "the difficulty is in the opinions and habits of the British people." It is quite certain that the self-governing Dominions will not let the matter rest; in fact the South African Union has legislation in hand for the eventual establishment of metric weights and measures—legislation in which the metric system has precedence of place and is intended after a time to displace the British and local units.

Greece has this year announced her intention of making metric usage obligatory for all purposes at an early date as Siam also will do next year.

From the United States of America there is news that the jewellers are arranging to adopt 200 milligrams as the Standard Carat and several European countries have done likewise.

The metric system is already the world system of weights and measures, altho the British Empire and the United States have the disadvantage of having legalized, of using and teaching two systems—more especially the more cumbrous of the two.

Normal Institute, Hawkesbury, N. S.

15th to 19th December, 1913.

The Normal Institute for the four counties of Cape Breton and the counties of Antigonish and Guysboro, will be held this year in the commodious and well-appointed new school building at Port Hawkesbury, during the week beginning Monday, December 15th, and ending on the 19th, the last school day before Christmas holidays.

A large attendance, particularly of the untrained teachers and of those holding only temporary licenses, is confidently expected. The time in attendance will count as teaching time.

Interprovincial Educational Convention.

At Halifax, N. S.

30th June to 2nd July, 1914, or in first week of September, 1914?

At a conference held in Halifax on the 22nd October, at which Dr. W. S. Carter, Chief Superintendent of Education for New Brunswick, and Dr. Bridges of St. John, Halifax was selected as the place, and the first date mentioned above as the time. As this date is not convenient for Prince Edward Island, the Program Committee must have the time settled before arranging the very interesting series of subjects and speakers suggested. The progress of arrangements will be reported from month to month in the *Educational Review*. The detailed arrangements and Program should appear in the *April Journal of Education*.

LEAGUE OF THE EMPIRE.

With which is incorporated the Overseas League.

President.

The Right Hon. Sir Frederick Pollock, Bart., P. C., D. C. L.

Vice-Presidents.

Sir Philip Hutchins, K. C. S. I. (Chairman of Council).
 The Lady Amphill.
 Mrs. Ernest Baggallay.
 Sir Abe Bailey, K. C. M. G.
 Sir Pieter Stewart-Bam.
 Professor J. B. Bury, Litt. D., L. L. D., D. Litt.
 The Hon. T. A. Coghlan, I. S. O. (Agent-General for New South Wales).
 The Right Hon. Lord Curzon of Kedleston, P. C., G. C. S. I., etc.
 David Davies, Esp., M. P.
 Alex Hill, Esq., M. D.
 The Hon. Sir Wm. Hall Jones (High Commissioner for New Zealand).
 The Viscount Hardinge.
 Sir R. Hay Drummond-Hay, C. M. G.
 The Hon. A. A. Kirkpatrick (Agent-General for South Australia).
 Sir Robert Lucas-Tooth, Bart.
 Sir Charles Lyall, K. C. S. I., LL. D.
 The Ven. The Archdeacon of London.
 The Hon. Sir John McCall, M. D. (Agent-General for Tasmania).
 The Right Hon. The Earl of Meath, K. P.,
 Mrs. Ord Marshall.
 Sir Gilbert Parker, D. C. L., M. P.
 The Right Hon. The Earl of Plymouth, P. C., C. B.
 Mrs. Popplewell.
 The Right Hon. Sir George Reid, P. C., D. C. L. (High Commissioner for Australia.)
 Major Sir T. B. Robinson (Agent-General for Queensland).
 Sir Felix Schuster, Bart.
 The Right Hon. The Earl of Selborne, K. G., P. C.
 The Hon. Sir Richard Solomon, K. C. B., K. C. M. G. (High Commissioner for South Africa).

The Hon. Sir J. W. Taverner (Agent-General for Victoria).
 The Hon. J. H. Turner (Agent-General for British Columbia).
 The Very Rev. The Dean of Winchester (late Head Master of Repton College)

Hon. Treasurer: Sir Charles Lyall, K. C. S. I., M. A., L.L. D.
 Hon. Secretary: Mrs. Ord Marshall.

28, Buckingham Gate,
 Westminster, London, S. W.,
 19th September, 1913.

Sir,

I have the honor to inform you that the Lord Meath Empire Day Challenge Cup and the League of the Empire Prize for the Essay Competition for Senior pupils 1913, has been won by Cyril Arnold King, Waitaki Boys' High School, Oamaru, New Zealand. The Prize for the Junior Competition has been won by Thomas Adam, The Grammar School, Rotherham, England.

A notice of the Subjects for 1914 is enclosed. We trust that the Schools under your jurisdiction may again be allowed to take part in this Competition.

I have the honor to be,

Sir,

Your obedient servant,

Philip Hutchins,

Chairman of the Council.

To the Superintendent of Education,
 Education Department,
 Halifax, Nova Scotia.

LORD MEATH EMPIRE DAY CHALLENGE CUP AND LEAGUE OF THE EMPIRE PRIZES.

Essay Competition for Empire Day, 1914.

The following are the subjects and conditions for the Essay Competitions inter-all Schools of the Empire for 1914:—

A. Senior Competition.

Subject: "Some tale of travel or discovery within the British Empire."
Prizes: A Silver Challenge Cup, value £10. 10s., presented by the Right Hon. the Earl of Meath, K. P., to be held by the School, and a prize of £5. 5s., given by the League of the Empire, is offered for competition to pupils throught the Empire who are over 14 and under 20 on January 1st 1914. The Essay must not exceed 2,000 words.

B. Junior Competition.

Subject "The food on your breakfast table: where, within the British Empire, it came from, and how it was produced."

Prizes: A Silver Challenge Cup, value £10. 10s., presented by Right Hon. the Earl of Meath, K. P., to be held by the School, and a prize of £3. 3s., given by the League of the Empire is offered for competition to pupils thruout the Empire who are under 14 years of age on January 1st, 1914. The Essay *must not exceed 1,000 words.*

Conditions.

1. All essays must be certified by the teacher, parent or guardian of a child in the following terms:—

"I certify that this essay is the unaided composition of the boy or girl in whose name it is sent in."

Signed.....
Teacher, parent or gaurdian.

Note.—This declaration is not intended to preclude a teacher from answering any reasonable requests for information, or from indicating books where such information may be found; but an essay must not be a mere reproduction of a lesson given in class.

It is not expected that the essay will be written without reference to the ordinary and authoritative sources of information on the subject; but it is expected that the information will be thoroly assimilated and rendered in the writer's own language in the essay offered for competition.

2. All essays must first be judged in the schools, only the best one from each school being sent in for consideration. In cases where the Education Authorities* are kindly cooperating with the League, the essays should be forwarded thru that department. As the usual sources of information in regard to the subject are best known in the competitor's own country, it is hoped that the authorities transmitting the essays will examine them and refrain from sending on essays which do not satisfy the conditions explained under condition 1.

3. All essays must reach the Central Offices of the League of the Empire, 28 Buckingham Gate S. W. Westminster, London, England, by the 31st March, 1914.

4. Any essay exceeding the word limit or written by a child over the specified age will be disqualified.

5. Essays should be written on one side of the paper only, and the competitor's full name and address, date of birth, and school should be clearly given.

6. Essays must be submitted in the Candidate's own handwriting (not typewritten). Illustrations are not allowed.

The names of the winning Schools will each year be engraved upon the Cups, which are replicas of the Warwick Vase.

*As the intimation in Nova Scotia is published so late, principals of schools are advised to send the best essay on directly to the London address, in order to save the delay in passing thru the Education Office, at Halifax.



JOURNAL OF EDUCATION

OCTOBER, 1913.

OFFICIAL NOTICES.

The full number of teaching days in the half school year ending January 30th is 103; for the half school year to the end of June is 100. School year, 203 teaching days.

Calendar 1913-14.

1913.		
Aug.	25	Regular Opening of Schools. First Quarter began.
Sept.	1	Labor Day (holiday).
Sept.	25	Normal College opened.
Oct.	20	Dominion Thanksgiving Day (holiday).
Nov.	10	Second Quarter begins.
Dec.	15	Teachers' Normal Institute opens at Hawkesbury, N.S.
Dec.	20	First day of Christmas Vacation.
1914.		
Jan.	5	Public Schools re-open.
Jan.	6	Normal College re-opens.
Jan.	29	Junior Class (D) completes course in Normal.
Jan.	30	Last day of First Half school year.
Feb.	2	Third Quarter begins.
Feb.	5	Intermediate Class (C) admitted into Normal.
Feb.	26	Normal Candidates complete course Reg. VII (a).
March	1	Preliminary Intimation University Graduates Exam.
March	2	March Annual meeting of school sections.
March	4	Normal candidates under Reg. VII (c) admitted.
April	10	Good Friday (holiday).
April	14	Normal Biological course Rural Science Training School in full operation.
April	20	Fourth Quarter begins.
May	1	Applications for University Graduate Exam. due.
May	8	Arbor Day.
May	22	Empire Day.

May	24	Victoria Day. Applications for Prov. Exams. due.
June	1	Applications, Cadet Inst. and Musketry, due.
June	3	Anniversary of King's Birthday (holiday).
June	23	Normal College closes.
June	24	All Provincial examinations begin.
June	25	County Academy entrance examinations begin.
June	29	Regular Annual meeting of School sections.
June	30	Last teaching day of school year.
July	1	Dominion Day. Applications Rur. Sci. course due.
July	7	Rural Science Training School course begins.

(Examination dates, etc., may be changed in April "Journal".)

Notice. On page 234 will be found comments by Professor Waddell on the Science examination papers of 1913.

On page 240, the revised regulations for *Rural Science* schools.

On page 246, the regulations for Devotional Exercises.

On page 253, notices of Normal Institute at Port Hawkesbury in December; and the Interprovincial Educational Convention at Halifax.

The Grade X Geometry Examination questions for next year will be adapted to the *new* text book alone. In Grades XI and XII the questions will be adapted to the *old* and *new* texts—as last year.

Correct Returns. There are always some new teachers coming into the profession who have very inadequate ideas not only of neatness, but of the strict accuracy necessary in every item of statistics called for in the *teachers'* and *trustees'* returns. Inspectors should withhold the Provincial Aid from teachers, and the Municipal Fund from school trustees, until every item of information asked for in the returns is correctly and carefully given. Should a "return" have to be returned for correction and the payment of all the other teachers, etc., thereby be delayed, a deduction of \$5. or \$10. for the delay might have a good effect. If the Inspectors feel such a law should be deemed necessary, the Superintendent will bring their request to the attention of the Council. In such event, of course, the rare accidental lapse of an old teacher would also be exempt from the exercise of mercy.

High School Drawing Course, No. 1, for Grade IX, is reported to have been exhausted, the publishers declining to continue publication on account of the small demand. Teachers trained in the Normal College can do a great deal better without it. The pupils need to obtain only home-made books of

cheap drawing paper. Teachers who have not been trained will be aided by the hints given in Prang's "Art Education for High Schools," or "Nature Study and Brush Drawing" by W. Francis Rankine (Cassell & Co., London, Toronto, New York). The latter meets our Nature Study ideals better. The work should be simply an extension of what is recommended for drawing in Grade VIII of the Common School Program; and the ordinary teacher should be able to do as well without the old text, while the pupil gets along with a cheaper drawing book or drawing paper.

Notice of Intention to Compete for a *Rural Science grant* or any other purpose specified in Regulation 36, should as promptly as possible be sent to the Inspector as well as the Director (in the Case of Rural Science schools). Schools cannot compete for rural science grants and at the same time neglect other proper school work. To be successful in one department, all the schools of the section must be regularly conducted. Rural Science schools must be satisfactory to the Inspector as well as to the Director who will be specially responsible for their development and classification.

Graduates of the Provincial Normal who have had the advantage of free training there—and even free travelling to and from the institution—are expected to recoup the expense to the province by teaching thereafter in the country for three years.

Some have forgotten this obligation, and gone West where Nova Scotia trained teachers are in high favor. They are taken aback, however, when they find these Education Departments will not recognize any one guilty of such unprofessional conduct. They must get a certificate of good standing from the Education Office at Halifax. Better pay the small commutative fee and get the certificate before leaving the Province—\$30 and a refund of travelling expenses.

The School House can be used by the trustees for all Educational purposes approved by the Education Department. It should be the center of the educational influences within the section. Why should not the whole section enjoy the advantages of the rural school library? The school is a ready formed reading or library club; if the teacher and trustees do their duty. Every one can have the *use* of valuable old or modern books at less than one-twentieth of the cost of buying the books for themselves.

The High School Cadets have now the advantage of being able to obtain regular uniforms at a very low price, approximating \$3.00. Every one passing inspection each year ob-

tains one dollar; so that in three years the uniform is paid for, and remains for ever after the absolute property of the individual whether remaining in corps or not. A description of the uniform is given on page 120.

The Medical and Dental Inspection of even rural schools is now possible, if school trustees use the power placed by the law in their hands. In some rural sections we have met heavy taxpayers who were not only ready to be taxed for the trifling cost of inspection, but were ready to vote for the dental or medical treatment of those too poor to afford to pay for it, at the cost of the section. This is not simply practical Christianity; it is really good business for the general welfare of the school section. Let the Superintendent know what you are doing, so that others may learn from you.

The Municipality of Cumberland can now have the satisfaction of knowing that its leadership in raising the rate of the Municipal Fund as allowed and suggested by the law, has attracted teachers from the other municipalities, and has correspondingly raised the professional character of its teachers.

Cannot more of the municipalities be won over to take this step so obviously in the interests of rural education? The towns would pay of course, in a somewhat greater ratio. But then the towns are the business centers of the country; and have the benefit of the larger Provincial grants to high class teachers, and grants often for Mechanic and Domestic Science and Evening Technical Schools.

The following scale of salaries indicates what our school trustees can fairly be asked to come up to in order to keep our good teachers in our service. The increase in the price of produce, the general cost of living and the salaries given in the Western provinces, show the scale to be under rather than up to the standard of general equality. Yet this much improvement would for the present make the profession more stable, and the work of the schools more useful.

Women if equally capable should be paid the same as men. The figures given below merely represent their average comparative values as indicated by the salaries they accept.

Academic Class (Men).....	\$1200 to \$2000	per annum.
Academic Class (Women).....	\$1000 to \$1500	per annum.
Superior First Class (Men).....	\$1000 to \$1500	per annum.
Superior First Class (Women).....	\$ 800 to \$1200	per annum.
First Class (Men).....	\$ 700 to \$1000	per annum.
First Class (Women).....	\$ 600 to \$ 900	per annum.

Second Class (Men).....	\$ 500 to \$ 800	per annum.
Second Class (Women).....	\$ 400 to \$ 700	per annum.
Third Class (Men).....	\$ 400 to \$ 500	per annum.
Third Class (Women).....	\$ 300 to \$ 400	per annum.

The Academic Teacher is becoming scarce—as he should. He or she must now be a University graduate who not only has attended College for four years, but who is not afraid to stand a gentle test on what he has learned.

Now he can pass each year while going thru College, *one* or *two* of his *minor* subjects, as do the high school pupils their grades IX to XII. After graduation he will then have to pass upon his *major* subject only. Once in the profession as an Academic teacher, even should his annual salary not exceed \$1000, he can retire after 35 or 30 years service with an annuity of \$500 a year. It is already a better profession for the average man than Theology, Medicine or Law.

Teachers' Annuities are clearly won only after 35 years service, or if 60 years of age, at least 30 years. The clause for those becoming *totally* disabled after 20 years service, demands not simply proof of *inability* to teach. It is only for cases of *total* disability—when the teacher can do nothing to earn a living—that this provision exists. If a teacher becomes disabled after having left the teaching profession for some other employment, all claim for annuity even when *total* disability supervenes, is gone.

In Advertising for teachers, it is extremely bad form for trustees to ask teachers to name the salary they would accept. It looks like seeking the poorest teacher for the section—the one who knows his own worthlessness for a higher wage.

It is the duty of trustees to specify the best salary they can offer, and then select the applicant with the best record.

The Superintendent will be obliged by getting the address of trustees who do not offer squarely the salary they can give in their advertisement. It is their duty to get the best teacher the funds voted will enable them to employ.

Handbook for Teachers.

This book of 103 pages has the same size of page as the **Journal of Education**, and contains an exposition of the "*Course of Study for the Common Schools of Nova Scotia*" as prepared by the committees of the Provincial Educational Association, and finally approved by it. It was edited by the Chairman of the General Committee, Dr. David Soloan, Principal of the Normal College.

It will be one of the most important texts for the M. P. Q. Examination of Teachers.

It is arranged to be sold at the booksellers at *ten* cents. It can be obtained also at the Education Office at the same price.

The C. P. I. has authorized a copy to be sent to each teacher and school library free on the receipt of *five* cents for postage and mailing, up to the end of 1913, after which 10 cents shall be the price.

WANTED.

The April Journal of Education for 1913 has been so strongly in demand, that before it was noticed, no copies were left for binding for record. Twenty-five cents will be given for each perfect copy returned to the Education Office, up to twelve copies.

JOURNAL OF EDUCATION.

Published at Halifax, Nova Scotia, November 10, 1913.

CONTENTS.

	Page.
Journal of Education—its status	2
Educational Officials	3
County Academy (High School) Entrance Examinations	7
Grade IX Examination Questions	11
“ X “ “	16
“ XI “ “	24
“ XII “ “	31
M. P. Q. “ “	43
Pass List, 1913, County Academy Entrance	46
“ “ High School Examinations	47
“ “ M. P. Q. Examinations	80
“ “ Provincial Normal College	87
“ “ Rural Science Training School	93
“ “ Teachers' Licenses	96
“ “ Evening Technical Schools	109
“ “ Coal Mining Schools	115
Cadet Instruction Regulations	117
“ Uniforms	120
“ Corps Camp	121
“ “ Standing	123
Physical Training, Strathcona Prizes	124
“ “ Certificates, 1912-13	129
Municipal School Fund Appropriation	137
Provincial Aid to Teachers	153
Local Nature Observations	178
Public School Program, General	191
“ “ “ Grades I to VIII	196
“ “ “ Technical Options	201
“ “ “ Rural School	205
“ “ “ Partially Graded Schools	206
“ “ “ High School Promotions	210
“ “ “ “ “ IX to XII	213
“ “ “ Commercial Course	218
University Graduates Examination	219
Text Books for the Public Schools	227
New Books	229
Dr. Waddell's Report on Science Examinations	234
The Director of Rural Science Schools, etc	240
Regulations 28 and 29, Devotional Exercises	246
Regulations 28 and 29, Devotional Exercises	247
Some Modern Trends, Alcohol	250
“ “ “ Grammatical Terminology	251
“ “ “ Spelling, etc	252
“ “ “ Metrics	253
Teachers' Institutes and Conventions	255
Essay Competition for Empire Day, 1914	257
Educational Calendar for Winter, 1913-14	257
Official Notices	258

To be handed promptly on its receipt by the Secretary of every School Board to each Teacher employed within the School Section.

LOCAL "NATURE" OBSERVATIONS.

(To be sent in to the Inspector with the Returns in February and July).

This sheet is provided for the purpose of aiding teachers to interest their pupils in observing the times of the regular procession of natural phenomena each season. First, it may help the teacher in doing some of the "Nature" lesson work of the Course of Study. Secondly, it may aid in procuring valuable information for the locality and province. Two copies are provided for each teacher who wishes to conduct such observations, *one* to be preserved as the property of the section for reference from year to year; the *other* to be sent in with the Return to the Inspector, who will transmit it to the Superintendent for examination and compilation.

What is desired is to have recorded in these forms, the dates of the *first* leafing, flowering and fruiting of plants and trees; the *first* appearance in the locality of birds migrating north in spring or south in autumn, etc. While the objects specified here are given so as to enable comparison to be made between the different sections of the Province, it is very desirable that other local phenomena of a similar kind be recorded. Every locality has a *flora, fauna, climate*, etc., more or less distinctly its own; and the more common trees, shrubs, plants, crops, etc., are those which will be most valuable from a local point of view in comparing the characteristics of a series of seasons.

Teachers will find it one of the most convenient means for the stimulation of pupils in observing all natural phenomena when going *to* and *from* the school, and some pupils radiate as far as two miles from the school room. The "nature study" under these conditions would thus be mainly undertaken at the most convenient time, without encroaching on school time; while on the other hand it will tend to break up the monotony of school travel, fill an idle and wearisome hour with interest, and be one of the most valuable forms of educational discipline. The eyes of a whole school daily passing over a whole school section will let very little escape notice, especially if the first observer of each annually recurring phenomenon receives credit as the first observer of it for the year. The observations will be accurate, as the facts must be demonstrated by the most undoubted evidence, such as the bringing of the specimens to the school when possible or necessary.

To all observers the following most important, most essential principles of recording are emphasized: Better *no date, no record*, than a **wrong one** or a **doubtful one**. Sports out of season due to very local conditions not common to at least a small field, should not be recorded except parenthetically. The date to be recorded for the purposes of compilation with those of other localities should be the *first* of the *many* of its kind following immediately after it. For instance, a butterfly emerging from its chrysalis in a sheltered cranny by a southern window in January would not be an indication of the general climate, but of the peculiarly heated nook in which the chrysalis was sheltered; nor would a flower in a semi-artificial, warm shelter, give the date required. When these sports out of season occur, they might also be recorded, but within a parenthesis to indicate the peculiarity of some of the conditions affecting their early appearance.

These schedules should be sent in to the Inspector with the school returns in July and February, containing the observations made during the Spring (January to June) and the Fall (June to December respectively).

The new register has a page for a duplicate of such records. Remember to fill in carefully and distinctly the date, locality, and other blanks at the head of the schedule on the next page; for if either the date or the locality or the name of the responsible compiler should be omitted the whole paper is worthless and cannot be bound up for preservation in the volume of The Phenological Observations.

By the aid of the table given at the top of pages 3 and 4, the date, such as the 24th of May for instance, can be readily and accurately converted into the *annual* date, "the 144th day of the year," by adding the day of the month given to the annual date of the last day of the preceding month (April in this case), thus: $24 + 120 = 144$. The annual date can be briefly recorded, and it is the only kind of dating which can be conveniently averaged in phenological studies. When the compiler is quite certain that he or she can make the conversion without error, the day of the year instead of the day of the month will be preferred in recording the dates.

PHENOLOGICAL OBSERVATIONS, CANADA.
(1914 Schedule).

(For the months July to December, 19 ; or the months January to June 19)
 Province County District
 Locality or School Section No.

[The estimated length and breadth of the locality within which the following observations were made..... X miles. Estimated distance from the sea coast..... miles. Estimated altitude above the sea level..... feet.
 Slope or general exposure of the region.....
 General character of the soil and surface.....
 Proportion of forest and its character.....
 Does the region include lowlands or intervalles?..... and if so name the main river or stream..... Or is it all substantially highlands?.....
 Any other peculiarity tending to affect vegetation.....

The most central Post Office of the locality or region.....

Name and Address of the Teacher or other compiler of the observations responsible for their accuracy

.....

When First Seen

When Becoming Common

Nova Scotian Phenochrons, year

(Wild Plants, etc.—Nomenclature as in "Spotton" or "Gray's Manual").

1. Alder (*Alnus incana*), catkins shedding pollen.....
2. Aspen (*Populus tremuloides*), ".....
3. Mayflower (*Epigaea repens*), flowering.....
4. Field Horsetail (*Equisetum arvense*), shedding spores.....
5. Blood-root (*Sanguinaria Canadensis*), flowering.....
6. White Violet (*Viola blanda*), flowering.....
7. Blue Violet (*Viola palmata, cucullata*), flowering.....
8. Hepatica (*H. triloba*, etc.), flowering.....
9. Red Maple (*Acer rubrum*), flower shedding pollen.....
10. Strawberry (*Fragaria Virginiana*), flowering.....
11. " " fruit ripe.....
12. Dandelion (*Taraxacum officinale*), flowering.....
13. Adder's Tongue Lily (*Erythronium Am.*), flowering.....
14. Gold Thread (*Coptis trifolia*), flowering.....
15. Spring Beauty (*Claytonia Caroliniana*), flowering.....
16. Ground Ivy (*Nepeta Glechoma*), flowering.....
17. Indian Pear (*Amelanchier Canadensis*), flowering.....
18. " " fruit ripe.....
19. Wild Red Cherry (*Prunus Pennsylvanica*), flowering.....
20. " " fruit ripe.....
21. Blueberry (*Vaccinium Can. and Penn.*), flowering.....
22. " " fruit ripe.....
23. Tall Buttercup (*Ranunculus acris*), flowering.....
24. Creeping Buttercup (*R. repens*) flowering.....
25. Painted Trillium (*T. erythrocarpum*), flowering.....
26. Rhodora (*Rhododendron Rhodora*), flowering.....
27. Pigeon Berry (*Cornus Canadensis*) florets opening.....

PHENOLOGICAL OBSERVATIONS—(Continued).

Day of year corresponding to the last day of each month.	When First Seen	When Becoming Common
Jan. 31 April 120 July 212 Oct. 304 Feb. 59 May 151 Aug. 243 Nov. 334 March, 90 June 181 Sept. 273 Dec. 365		
[For Leap years increase each number except that for January by 1]		
28. Pigeon Berry (<i>Cornus Canadensis</i>), fruit ripe.....		
29. Star Flower (<i>Trientalis Americana</i>), flowering.....		
30. Clintonia (<i>Clintonia borealis</i>), flowering.....		
31. Marsh Calla (<i>Calla palustris</i>), flowering.....		
32. Lady's Slipper (<i>Cypripedium acaule</i>), flowering.....		
33. Blue-eyed Grass (<i>Sisyrinchium ang.</i>), flowering.....		
34. Twinflower (<i>Linnaea borealis</i>), ".....		
35. Pale Laurel (<i>Kalmia glauca</i>), flowering.....		
36. Lambkill (<i>Kalmia angustifolia</i>), ".....		
37. English Hawthorn (<i>Crataegus oxyacantha</i>), flowering.....		
38. Scarlet fruited Thorn (<i>Crataegus coccinea</i>), ".....		
39. Blue Flag (<i>Iris versicolor</i>), flowering.....		
40. Ox-eye Daisy (<i>Chrysanthemum Leucanthemum</i>), flowering.....		
41. Yellow Pond Lily (<i>Nuphar advena</i>), flowering.....		
42. Raspberry (<i>Rubus strigosus</i>), flowering.....		
43. " " fruit ripe.....		
44. Yellow Rattle (<i>Rhinanthus Crista-galli</i>), flowering.....		
45. High Blackberry (<i>Rubus villosus</i>), flowering.....		
46. " " fruit ripe.....		
47. Pitcher Plant (<i>Sarracenia purpurea</i>), flowering.....		
48. Heal-All (<i>Brunella vulgaris</i>), ".....		
49. Common Wild Rose (<i>Rosa lucida</i>), ".....		
50. Fall Dandelion (<i>Leontodon autumnale</i>), ".....		
51. Butter-and-Eggs (<i>Linaria vulgaris</i>), ".....		
52. Expanding leaves in spring made trees appear green—(a) first tree, (b) leafing trees generally.....		
(Cultivated Plants, etc.)		
53. Red Currant (<i>Ribes rubrum</i>), flowering.....		
54. " " fruit ripe.....		
55. Black Currant (<i>Ribes nigrum</i>), flowering.....		
56. " " fruit ripe.....		
57. Cherry (<i>Prunus Cerasus</i>), flowering.....		
58. " " fruit ripe.....		
59. Plum (<i>Prunus domestica</i>), flowering.....		
60. Apple (<i>Pyrus Malus</i>), flowering.....		
61. Lilac (<i>Syringa vulgaris</i>), flowering.....		
62. White Clover (<i>Trifolium repens</i>), flowering.....		
63. Red Clover (<i>Trifolium pratense</i>), ".....		
64. Timothy (<i>Phleum pratense</i>), ".....		
65. Potato (<i>Solanum tuberosum</i>), ".....		
(Farming Operations, etc.)		
66. Plowing begun.....		
67. Sowing.....		
68. Planting of Potatoes begun.....		

PHENOLOGICAL OBSERVATIONS—(Continued).

69. Shearing of Sheep			
70. Hay Cutting			
71. Grain Cutting			
72. Potato Digging			
(Meteorological Phenomena).			
73. Opening of (a) Rivers, (b) Lakes without currents	(a)		(b)
74. Last Snow (a) to whiten ground, (b) to fly in air			
75. Last Spring Frost (a) "hard" (b) "hoar"			
76. Water in Streams, Rivers, etc., (a) highest, (b) lowest			
77. First Autumn Frosts, (a) "hoar" (b) "hard"			
78. First Snow (a) to fly in air, (b) to whiten ground			
79. Closing of (a) Lakes without currents, (b) Rivers			
80. Number of Thunder Storms (with dates of each)			

Day of year corresponding to the last day of each month.						Going North or coming in Spring	Going South or leaving in Fall.
Jan. 31	April 120	July 212	Oct. 304				
Feb. 59	May 151	Aug. 243	Nov. 334				
March 90	June 181	Sept. 273	Dec. 365				
[For Leap years increase each number except that for January by 1]							

(Migration of Birds, etc.)							
81. Wild Duck migrating							
82. Wild Geese migrating							
83. Song Sparrow (<i>Melospiza fasciata</i>)							
84. American Robin (<i>Turdus migratorius</i>)							
85. Slate coloured Snow Bird (<i>Junco hiemalis</i>)							
86. Spotted Sand Piper (<i>Actitis macularia</i>)							
87. Meadow Lark (<i>Sturnella magna</i>)							
88. Kingfisher (<i>Ceryle Alcyon</i>)							
89. Yellow Crowned Warbler (<i>Dendroeca coronata</i>)							
90. Summer Yellow Bird (<i>Dendroeca aestiva</i>)							
91. White Throated Sparrow (<i>Zonotrichia alba</i>)							
92. Humming Bird (<i>Trochilus Colubris</i>)							
93. King Bird (<i>Tyrannus Carolinensis</i>)							
94. Bobolink (<i>Dolichonyx oryzivorus</i>)							
95. American Gold Finch (<i>Spinus tristis</i>)							
96. American Redstart (<i>Setophaga ruticilla</i>)							
97. Cedar Waxwing (<i>Ampelis cedrorum</i>)							
98. Night Hawk (<i>Chordeiles Virginianus</i>)							
99. Piping of Frogs							
100. Appearance of Snakes							

(Other Observations or Remarks).							
101. <i>Senecio Jacobaea</i> (St. James Ragwort); Is it found within the school section? If so, to what extent? etc.							
102. The Brown Tail Moth, etc.							