

Miss Bertie B. Brown,	Yarmouth.	Int.	El.
Miss Clara Hilton,	"	"	"
Miss Jessie Crosby,	"	"	"
Miss Lizzie Hibbert,	"	"	"
Miss Ruth Rogers,	"	"	"
Miss S. P. S. Delamere,	"	"	"
Mr. C. B. Barr,	Digby,	"	"
Mr. James Richan,	"	"	"
Mr. Guy R. Viets,	"	"	"
Miss Minnie Cowan,	"	"	"
Miss Alma McCulloch,	Annapolis,	Int.	"
Miss Francis Harrington,	"	"	"
Miss Orilla E. Hindon,	"	"	"
Miss Oressa N. Hindon,	"	"	"
Prin. Alf. D. Brown,	Bridgetown,	"	"
Miss Bertha Ruggles,	"	"	"
Miss Iola Bishop,	"	"	"
Miss Bessie G. M. Ervin,	"	"	"
Miss S. A. Ervin,	"	"	"
Miss Mary A. Young,	"	"	"
Miss Isabel Ince Landres,	Kentville,	"	"
Miss Emma I. West,	"	"	"
Miss Amanda Gould,	"	"	"
Miss Rena Magee,	"	"	"
Miss Georgie Begg,	"	"	"
Miss Susie B. West,	Wolfville,	"	"
Miss Lily A. Scott,	"	"	"
Miss Irene McCulloch,	Hantsport,	"	"
Miss Annie M. Andrews,	"	"	"
Miss N. A. Burgoyne,	Windsor,	"	"
Miss Alice M. Freeman,	"	"	"
Mrs. J. S. Archibald,	"	"	"
Prin. J. M. Longley,	Guysboro,	Int.	"
Prin. D. F. Campbell,	Port Hawksb'y,	Int.	"
Miss Ora Lamey,	"	"	"
Miss Mary J. Skinner,	Port Hastings,	"	"
Prin. Ed. T. McKeen,	Sydney,	"	"
Miss B. M. Ormond,	"	Int.	"
Miss H. L. Muggah,	"	"	"
Sister Bernadette,	North Sydney,	"	"
Prin. Wm. A. Chisholm,	Antigonish,	Int.	"
Mr. S. C. Newcome,	"	"	"
Miss L. C. Tupper,	"	"	"
Miss Mary McNeil,	"	"	"
Mr. John James McNeil,	"	"	"
Mr. John S. Thompson,	"	"	"

The total number who passed examinations for certificates was 194. Of these

184 passed the examination for the Junior Certificate.

84 " " " Elementary Certificate.

13 " " " Intermediate Certificate.

281 certificates in all were granted.

A few of the remarks made by leading teachers in the Province, as to the results promised by the first attempts, will be valuable by way of stirring up attention.

CUMBERLAND Co.—"All the teachers in the Academy, except one, are teaching the Tonic Sol-fa to their schools to some extent. \* \* Every school had singing at the public examination this spring for the first time (in four years at least). It has worked wonders for us."

PRIN. H. S. FREEMAN.

LUNenburg Co.—"The teachers of the lower grades seem to be doing very well with the Tonic Sol-fa."

PRIN. B. MCKETTRICK.

QUEENS Co.—"We have singing in all the departments but my own. The school Inspector told me he was very much pleased indeed with the singing."

PRIN. N. SMITH.

SHELburne Co.—"The children are much interested in it (Tonic Sol-fa) and are able to do well with almost any easy piece. Since your visit, introducing the Tonic Sol-fa system, I have been able to carry out what I had been previously unsuccessful in doing, viz: the introduction of singing into the schools of which I have charge, more especially did I desire to have singing taught in the elementary room \* \* Canada's National Song, re-written in Tonic Sol-fa, has been learned by all the pupils without the least difficulty. I consider the system excellent for the masses."

PRIN. J. RUGGLES.

YARMOUTH Co.—Tonic Sol-fa taught in four departments. One of these reports: "More interest and better singing." Two others report better tones.

PRIN. A. CAMERON.

Those who have adopted it (T. S. F.) speak in the highest terms of it as a school exercise. I hope to see it (or something like it) introduced into our schools very soon by the proper authority.

PRIN. W. F. KEMPTON.

Three of the teachers have so far made a beginning in the Sol-fa notation for use in their schools.

PRIN. BENJ. ROGERS.

DIGBY Co.—Three of the teachers have worked away every day at Tonic Sol-fa and generally the pupils are getting so they can read quite correctly.

PRIN. J. T. GODFREY.

COLCHESTER Co.—I am pleased to say that I like the teaching of the Tonic Sol-fa notation very much, and I think the scholars like the system too.

PRIN. D. F. CAMPBELL.

### PROOF OF THE EARTH'S MOTION.

A correspondent very properly takes exception to a "popular" cutting from the *St. Louis Republic*, under the above caption, on page fifteen of our last number; he says:

1. This is really an imitation of Foucault's Pendulum experiment, *mutatis mutandis*. Though the experiment ought theoretically to hold, I doubt if anyone has succeeded. I do not know, but Foucault's has sometimes failed, the plane of the pendulum going the *wrong way*. Yet I do not doubt that with such precautions, etc., as he took it, would succeed.

2. The writer of the paragraph evidently does not understand what he is undertaking to explain. He says (error 1) the plane, or whatever he may mean, moves from "east to west." The correct statement would be, the plane moves in the direction from N. to E. through S. to W., etc., in the direction of the hands of a watch geographically interposed.

3. He (the writer) says the water and the vessel swing round and leave Lycopodium powder or, etc., at rest. This is entirely wrong. If the water "moved" in the sense we are speaking, the fluff on the surface would move with it. It is the vessel alone that moves—if we suppose water *frictionless*, which it is not quite—the water and the fluff tending as far as may be to retain their position. But they can't do so quite as they are truly on the surface of revolving sphere and to be judged with reference to a certain cone.

The derivation of the black mark from apparently its original position, of course, varies as *sin, lat.*