#### A RELIGIOUS AND GENERAL FAMILY NEWSPAPER.

"Not slothful in dusiness : tervent in spirit."

#### NEW SERIES. Vol. XV. No. 39.

# Halifax, Nova Scotia, Wednesday, Sept. 28, 1870.

Poetry.

# THY WAY.

# BY MRS. E. M. OLMSTEAD.

In thine own way Let me be led, dear Jesus, to thy feet, Through piercing storms, through blasts of blinding heat In deserts gray.

In thine own way Subdue the froward heart, the stubborn will, And, to the warring waves, the " peace, be still," Oh ! sweetly sny,

In thine own way, And yet, forgive, if, failing to look up, "Take, Father, from my lips the bitter cup." I sometimes pray.

In thine own way Let me not count my suffering, grief, or loss, When fainting, faltering underneath the cross Thy love doth lay.

In thine own way. Thou wilt not break, I know, the bruised reed, Though torn and quivering every fibre bleed When rough winds sway.

In thine own way ; So shall it lead me to the heavenly height ; Still will I watch the guiding flame by night, The cloud by day. -Mother's Magazine.

For the Christian Messenger. IRELAND AND ITS AGRICULTURAL TRAINING SCHOOLS AND FARMS.

### Mr. Editor,-

costan

direct the attention of the people to the inti- ment in all respects. mate and necessary connexion which exists 3. Non-Resident Pupils. These are the tidiness of their premises. The manure culture. By invitation of the Commission- tend all the lectures in course. ers of National Education, I visited the In order that the pupils may become also mention that from the vat on the Large beautiful suburbs of Dublin. This Agricul- ready intimated, to take part in the perform- tached to this pipe, and, by using the steam tural School was established by the Com- ance of every farm operation-including the engine as a forcing pump, liquid manure is missioners, in the year 1838, and has been feeding and management of live stock. Per- applied to the growing crops as desired. an efficient agent in improving the system of haps I cannot better convey a tolerably cor- The cattle on these farms are chiefly short farming throughout Ireland. It is designed rect idea of the training to which the pupils horns, the pure breed being preferred for to supply such instruction both in the science are here submitted, than by outlining its chief fattening, and crosses, for dairy purposes. and practice of agriculture, as will qualify features in a young men for the occupation of land stewards, farmers, gardeners, and agricultural teachers. The Farmrs and Gardens comprise about 180 statute acres in one block ; and the entire establishment is presided over the, &c.

tion. The yearly fee for each pupil of this steaming the cut-food for the animals, and class is \$100. This payment includes the performing other and varied work on the cost of instruction, board, lodging, and med- premises.

GENERAL TIME TABLE.

number of these are admitted on examina- ment. It also provides a ready means of

WHOLE SERIES

Vol. XXXIV, No. 39

ssemmer.

ical attendance. The paying pupils are re- On these model farms great neatness and SECOND LETTER FROM T. H. RAND, ESQ. quired to conform to all the regulations for economy are apparent. Nothing is wasted. the discipline of the establishment. They I wish all our farmers who expose manure take part with the free pupils in all the farm in heaps to sun and rain, could be induced Good and great men in this land are operations, cat at the same table, sleep in the to adopt some method kindred to that emstirring with a noble energy and patience to same dormitories, and receive the same treat- ployed here for husbanding the resources of their stables, and materially contributing to

between sound knowledge and all the depart- young men who board and lodge at their own is placed in, water-tight vats outside the ments of industry. In no department of expense without the Institution. They pay stables, and the surface is daily covered with economic science, perhaps, has greater suc- an annual fee of \$40, and are required to refuse straw or soil. Pipes or drains from cess attended these efforts than in that of agri- engage in the ordinary farm work, and at- the stables, piggeries, and all other buildings on the premises, lead into these vats. I may

Albert Agricultural Training School and thoroughly acquainted with improved hus- Farm a main pipe is laid into the fields; and Model Farms, at Glasnevin, one of the bandry, they are all required, as I have al- in the late spring and summer, hose is at-The cows are beautiful creatures, and all of the animals are very handsome, and in excellent condition. A careful system of rota-At 6 o'clock, A. M., the pupils rise. From 6 to 6.30 A.M., dress and prepare tor study. From 6 30 to 7 A.M., feed and clean horses, catthe same field grasses are followed by grains with grass seeds. There is also a sub-rotation, different grasses, grains, and roots succeeding each other in course. It is From 9.80 to 2 P.M., all the pupils work on the ascertained by experiment that the land will produce turnips and clover less frequently From 8 to 8.80 P.M., one half the pupils receives literary instruction. the other half is employed on the land till 6 o'clock in summer, and till dusk in the land till 6 o'clock in summer, and till dusk in winter; after which they study literary subjects, seeded with grass. The mat of new grass in the grain stubble was so even and rich, pils who, in their turn, assist in the stables, cow-houses, &c., as in the morning. From 8 80 to 9 P.M., supper. From 9 to 9.30 P.M., attend horses, cattle, &c. From 9.30 to 10.15 A.M., retire to dormitories.

# Religious.

#### For the Christian Messenger.

# OUR NATIVE PREACHERS IN BURMAH.

Dear Brother,-As it was not in my power to give in the Report of the Foreign Mission Board, as full a statement respecting their labors as might be desired, a few words of explanation may be useful.

Rev. Dr. Stevens, in a letter just received, dated " Rangoon, June 14, 1870," says : "I have requested Bro. Crawley to report the other preachers and school-teachers supported on the funds of your Board, as he is in a better situation than myself to do so." Sufficient time, however, had not elapsed after Bro. Crawley's return to Burmah to enable him to collect and prepare the needful statement of their labors.

The following incident now furnished by Dr. Stevens, with reference to the labors of Moung Pyoo, who is under his particular superintendence, and who was accompanying him on a tour, is gratifying. He says : "Two boats moored near us for the night. Long before daylight Moung Pyoo stirred up our boatmen to start in company with those two boats, which were also on their way down the stream. After some time I was aroused from a sound sleep by an earnest discussion between the men of the other boats. The three boats were side by side, floating down the stream together. One of the parties in the discussion was January to June, and from July to Christevidently a Mussulman, and the others were Burmans, arguing for Gaudama and merit. The Mussulman was evidently too strong for the heathen." We kept silent, boarded, lodged, and educated at the public enjoying the discussion, and our compan- expense, and are admitted half-yearly by ions were entirely ignorant of us. Moung competitive examination. The Board's In-Pyoo at length broke the silence of our spectors in the several Districts forward to boat, and presented the Christian view of to the Education Office, semi-annually, the God, and of religion I was delighted names of such lads, educated at the National with the skill and the strength of argument Schools, as they deem eligible for this class, which he showed in the discussion; but -- taking into account in all recommendations

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by the Agricultural Superintendent, Thomas Baldwin, Esq.

THE AGRICULTURAL TRAINING SCHOOL is situated on one of the Farms. The suite land. of buildings comprises, lecture and school room for 75 resident pupils, laboratory, library, museum, aining hall and dormitories; a comprehensive range of farm ent, matron. land steward, literary teacher, and servants. Lectures are delivered daily, and the course includes Botany and vegetable Physiology, Chemistry, and Geology, the diseases of farm animals and their treatment, and agriculture. These lectures are amply and plants, and chemical apparatus. Among to the requirements of the country. The the lecturers are Dr. Moore of the Royal Botanic Gardens, and Dr. Sullivan of the

cal work of the farms and gardens.

to the Institution :

1. Free Resident Pupils. These are

of heathenism by hearing of Jesus Christ afterlife, of the lads. The competition, formation upon every branch of farming. schools are from 10 to 125 acres in extent, and his salvation. Our boats kept together however, for admission to this class is not The practical details of dairy husbandry; the average size being about 40 acres. till daylight, when we all made ourselves restricted to pupils educated at the National the fatteniug of cattle, swine, and fowls ; the 2. First-Class Agricultural Schools under known to each other, and I had the Schools, but the Commissioners entertain the breeding and rearing of different kinds Local Managers. These are common schools pleasure of distributing among our fellow applications made by respectable persons in of stock; drainage; the various operations with boarding accommodation of agricultural travellers, including the Mussulman, a behalf of any young men of good character. of field culture ; the application of manures ; pupils from a distance. The Commissioners number of portions of Scripture and of The persons nominated for competition are the curing of crops; and the permanent im- have contributed towards the erection of our evangelical tracts, which were gladly required to attend an examination held in provement of the soil, each and all receive suitable buildings, but they make no grants the several school districts on a fixed day in careful and unremitting attention. The for the purchase of farm implements, or for Can money be employed to any better November and in May. A number of the offices attached to this farm are extensive, the cultivation of the land. The teachers purpose than in supporting such preachers best answerers are chosen, and submitted to a and their arrangement is very convenient. receive \$50 in addition to their class salary. second competitive examination at Glasne- A stationary steam engine of small size, There are 18 of these schools, giving pracvin. The expenses of the unsuccessful can- furnishes the power for driving the thresh- tical and scientific instruction to about 700 Yours fraternally, C. TUPPER, Sec. didates are paid to and from Dublin. ing and winnowing machines, and raising pupils annually. The farms attached to these Aylesford. Sept. 1, 1870. 2. Paying Resident Pupils. A limited supplies of water for the whole establish- schools vary from 7 to 80 acres in size.

From 7 to 8 A.M., attend lecture on agriculture. From 8 to 9 A.M., attend lecture on agricultural chemistry, botany, or veterinary science.

From 9 to 9.30 A.M., breakfast.

# From 2 to 3 P.M., dinner,

offices, and apartments for the Superintend- under the superintendence of a literary master, till 8.80, except a limited number of the junior pu-

The Farms and Gardens are very comillustrated by means of carefully executed plete in their equipments and much care has diagrams, valuable collections of minerals evidently been taken to adapt these models

#### EXAMPLE SCHOOL FARM,

Royal College of Science. The lecturer on containing about 6 acres, is cultivated chiefly Agiculture gives instruction daily in the the- with a view of exhibiting to the National Garden. There are also, a small conservaory and practice of agriculture, and assists School Teachers under training in Marlboro'- tory, peach house, vinery, fruit and flower in the general direction of the farming street, a correct system of cropping small department. The Steward oversees the holdings. It is a "spade farm," being occupied as a Market Garden. cropping and management of the Farms, worked without the aid of horses or plough. Literary instruction, embracing all the Suitable outbuildings for cows, swine, and have now given of the Albert Agricultural branches of a sound English education, is fowls, are provided for this farm. The hours School and Farms at Glasnevin, let me add a given by a first-class teacher, who also su- of feeding and watering, and the sorts brief outline of the series of supplementary perintends the internal discipline of the and quantities of food to be given, are posted Institution ; and a Gardener of practical in the stables and other out buildings. The experience has charge of the Horticultural ripened and growing crops were very heavy, improved system of agriculture among the department. The Commissioners grant and everything looked as neat and trim as a \$150 annually to be distributed in prizes garden. The lecturer on practical agriculfor proficiency in studies, and in the practi- ture at the Albert School, delivers two lectures weekly in the Central Training Insti-The course of training occupies two years. tution, Marlboro'-street, on the theory and Commissioners. In these schools, resident Each year is divided into two Terms-from practice of agriculture; and every Saturday agricultural pupils are trained in the prac-

Farm for practical instruction. The

#### INTERMEDIATE FARM

is 25 acres in extent, and is worked with the design of illustrating a system of farm management adapted to the circumstances There are no buildings on this farm. The

#### LARGE FARM

nothing pleased me more than the simple the age, which must not be under 17 years, of 140 acres gives scope for the employment schools are required to furnish to the Agriand frank manner in which he told his the state of health and physical capacity for of the heavier farm implements; and its cultural Superintendent at Glasnevin, weekcountrymen how he had, through the grace labour, and the moral conduct, industrial arrangement and management are such as 19 journals of work done. The farm of God, been brought out of the darkness habits and tastes, and probable pursuits in to afford the largest possible amount of in- attached to these Model Agricultural

#### THE GARDENS.

In order that such of the pupils as have a taste for Porticultural pursuits may have an opportunity of qualifying themselves to discharge the combined duties of steward, or farmer, and plain gardener, about 3 acres are set apart and cultivated as a Kitchen gardens. Besides these, about 6 acres are

In connexion with the sketch which I provisions made by the Commissioners of National Education, for the promotion of an people :

1. Model Agricultural Schools. Of these there are 20 established in different parts of the island, and controlled exclusively by the during their course of training the teachers tice and science of agriculture, and prepared mas. Three classes of pupils are admitted are required to visit this Example School to impart instruction in this department. With two exceptions there are schools for ordinary instruction attached to these establishments. The boarding pupils besides undergoing a course of instruction in the usual branches of English education, including of farmers whose holdings are large enough land surveying and levelling, are instructed to give employment to one or two horses, in agricultural chemistry, animal and vegetable physiology, drainage, tillage, sowing, harvesting, manures, and breeding and rear-