

Puzzle, by a Californian; Mr. Seward and Mr. Motley and the Austrian Mission by Hon. John Bigelow; two politico-economical articles (The Elements of National Wealth, by David A. Wells, and Industrial Reconstruction, by Edward Atkinson, of Boston); two theological articles (Science and Theology, by James Anthony Froude; The Moral Problem, by ex-President Mark Hopkins); two papers on subjects connected with the arts ("The French Exhibition architecturally considered," by Charles Gindriez, of France, architect, and "Photograph Art in Europe," by Philip Gilbert Hamerton); two literary contributions (The Centenary of Rousseau, by Rev. Samuel Osgood, D.D., and The Department of Contemporary Literature, consisting of notes on English, French, and German books recently published); and one article on Army Reorganization, by General James H. Wilson, one of the most brilliant cavalry officers in the army during the Civil War, and now a writer of recognized ability. Each article is prepared with reference to the public demand for reliable information upon the subjects treated, and the writers are masters of the subjects. Each article, whether American or European, is an original contribution to the pages of the "Review." The number may be obtained through the mail of the publishers, or by order, at the newstands. Price, \$1.00 a number. \$5.00 a year.

Mr. John Elliott, of the Phoenix Foundry, London, Ont., has received an order from the Canadian Government Agent to the Paris Exhibition, for a number of "Meadow Lark" Reaping Machines, to be delivered in Havre by the 30th of this month.

QUEBEC FRUIT GROWERS' ASSOCIATION.—The Montreal Horticultural Society has appended the above title to its previous corporate name, with the view of supplying for the fruit growers of Quebec an association similar to those already existing in the sister provinces of Ontario and Nova Scotia. As a local society it will still hold its exhibitions in Montreal; as a provincial institution it will publish its horticultural reports, collecting the matter for them from different parts of the Province, and opening its prize list—a large and comprehensive one—to the Province at large. The annual membership fee will be two dollars as heretofore, but parties living outside the island of Montreal, upon payment of one dollar yearly, may attend the exhibitions, compete for prizes, and receive copies of such reports and other publications as the Society may issue. The secretary and treasurer of the Society, Mr. H. S. Evans, of Montreal, states that the membership last year reached the gratifying number of 761, each paying \$2. Now that its field of usefulness has been enlarged, the annual gratuity received from the Government is to be increased from \$328 to \$1,000.

**Special Notices.**

The summer meeting of the Fruit Growers' Association of Ontario will be held in the City Hall, St. Catharines, on Wednesday, July 10th, 1878, at 10 o'clock a.m.

Any one desirous of subscribing to the FARMER'S ADVOCATE, and sending \$1.50 to this office at once, will receive the back numbers from May and have their subscription paid to January, 1880. Twenty months for \$1.50. Send at once, as there are only a few back copies on hand.

Good, live agents, with some experience, are wanted to canvass Ontario and other Provinces of the Dominion for the FARMER'S ADVOCATE AND HOME MAGAZINE. Send qualifications and references at once to this office. Good commission allowed, and every possible advantage to first-class canvassers. No others need apply.

**Patrons of Husbandry.**

**Grange Picnics.**

Many farmers might feel thankful that the Granges have taken hold of the picnic business in earnest. Wherever they are established they are pretty sure to have picnics. These gatherings have been generally very largely attended and carried out in good order.

We attended the united picnic of Middlesex and Elgin Granges, which was held at Port Stanley on the 4th of June. The Grange Picnic now takes the place of the Farmers' Picnic that was inaugurated many years before a Grange existed in this locality. The day was as fine and pleasant as could be desired, and the gathering was the largest of the kind ever seen in this part of the country; there were about 6,000 people there.

The G. W. R. Co. have judiciously erected swings, made roads and planted a few more trees among the old natives of the forest, thus making the grounds pleasant and attractive, and affording shade for thousands to spread their repasts on the green grass and enjoy themselves. The picnic grounds are about 200 feet higher than Lake Erie; a railway is run from the summit of the hill to the beach, on which two cars are run up and down by means of a wire rope worked by a locomotive engine. An observatory is also erected, many feet high; another engine is used to raise an elevator in which visitors may ascend to the top and obtain a good view of the grounds below, the distant

country and of vessels sailing on the lake. Two steamers were at the Port to take passengers out on the lake for a pleasure trip. A frame dancing booth is erected; this was well patronized by the lads and lassies, and some old heads were to be seen enjoying the dances as well as the young ones.

A temporary platform was erected for speakers, who were principally Grange officers and members, or would-be Members of Parliament striving to gain Grange patronage. The speeches were all laudatory of the Grange, and given to strengthen the Order; only a few political remarks were made. One of the speakers said the Government had given them their charter, and that it must give them anything they ask for. The Secretary, in opening the meeting, said that the person who gave the greatest number of useful ideas in the fewest words would be considered the best speaker. The remark was a good one, and about the best we heard. There were but comparatively few who attended to the addresses. Most of the picnickers turned out for a day's enjoyment and recreation, and while some of the old steady ones preferred the speeches, all the young and many of the old enjoyed themselves in other ways.

The day was pleasantly spent, and the crowd was generally very orderly and well-behaved. We presume all the other Grange picnics have passed off well, and there have been some hundred held. The railroads should feel satisfied, and always be ready to accommodate them.

**The Grangers at the Model Farm.**

The Grangers of Elgin and East and West Middlesex visited the Model Farm and College, Guelph, June 17th, by special per the G. W. R. Prominent members of the Order from the several Divisions availed themselves of the cheap trip to see what a Model Farm is.

RECEPTION.—The excursion party were met at the station by a deputation from the College and driven to the Model Farm in carriages provided for the occasion by Mr. Johnson, the Principal. After lunch, the visitors were shown over the farm by the Professor of Agriculture, Mr. W. Brown.

THE FARM AND CROPS.—The farm consists of 550 acres, of which 400 acres are under cultivation. The system of farming will be seen by the given area of crops of each variety, viz., Grain crops, 100 acres; peas, 30 acres; soiling and green crop, 11 acres; pasture, 75 acres; hay, 75 acres; root crops (including 8 acres potatoes), 45 acres; rape for fall feeding sheep, 17 acres. The grain crops are not what might be expected to be seen on a Model Farm; in the experimental field especially hardly any of the roots or cereals are up to an average, considering the favorable season and crop prospects in the country generally. Such an opinion was generally expressed by a number of the prominent farmers from the counties of Elgin and Middlesex.

THE SOIL OF THE MODEL FARM.—The soil is not of the best quality. A good deal of the land appears to have a gravelly subsoil, which will defy all efforts at permanent fertilizing, as the manure will wash or leach out.

LIVE STOCK.—The farm is pretty well stocked with 16 horses, 12 Shorthorns of various ages, 5 Herefords, 6 Ayrshires, 2 Devons, 5 Polled Aberdeens and 12 grades; 250 sheep, comprising Cotswolds, Leicesters, South Downs and Oxford Downs, with 25 Berkshires and 10 Windaor pigs. The poultry department is limited to a few varieties, and altogether does not exceed 25 birds.

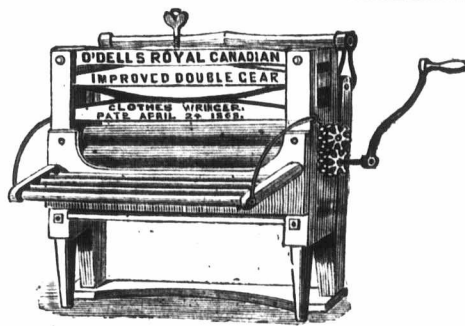
THE STUDENTS.—There are 75 students. They are from all parts of the Dominion, 4 or 5 from Great Britain, and 2 from Switzerland, although it is understood all are to follow farming in Ontario. The pupils do not appear to be farmers

sons who intend to follow farming for a livelihood, but city boys who have been placed there by well-to-do citizens to keep them from the temptations of a city life and get a respectable education ch. ap.

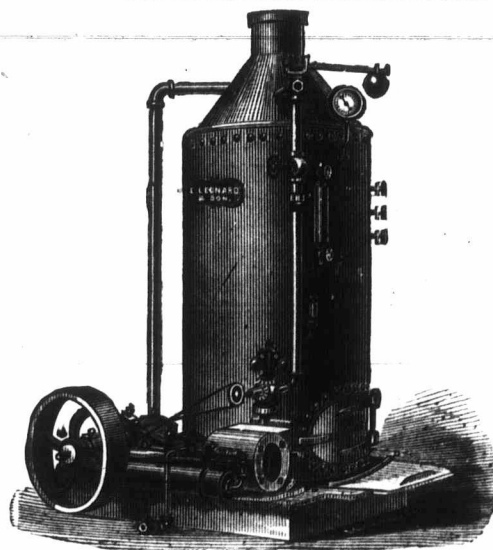
SCOURING AND FERTILIZING CROPS.—Of scouring-impooverished crops there are at least 175 acres, viz.: Grain 100 acres and hay 75 acres. Of root crops (including 8 acres of potatoes) there are 45 acres. They are, from cultivation the ground receives and the manure applied, fertilizing crops. A rape crop implies a previous fallow, and, as it is for feeding sheep, and then to be we presume ploughed under, it may fairly be classed as a fertilizer. Then there are 56 acres of improving, and 175 of impooverishing crops. Pasture and peas may be made a means of improving the soil or not, so we place them in neither class.

Have we been justified in the position we took from the beginning relative to the Model Farm. Let the price for the farm, the expenses since incurred, the expenses to be yet incurred, the inferior quality of the soil, the bad crops of the past and present seasons, the classes from which the pupils are drawn, answer the query!

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