







Horticultural Department.

October Work.

ORCHARD.

This is one of the most important months to the orchardist and fruit-grower. It is the month of preparation for future operations, and while it often happens that the work may be continued far into November, unless planting can be done now it is best to delay it until Spring.

PLANTING.

If trees, shrubs and vines can be planted before November 10, now is the best time to plant, but if they grow late so that the wood is not well ripened at that date, planting should be deferred until Spring.

PURCHASING TREES.

The question is often asked, Where shall I buy my trees? The inveterate tree agent has been about all summer with his glaring and exaggerated pictures of wonderful new varieties that he raises in the most extravagant terms.

There are several important reasons why we should not buy our trees from these tree agents.

PROTECTING TREES.

All trees standing in or near turf land should have a mound of fresh soil or manure a foot high around the trunks to protect them from mice during winter, which, next to roving cattle, destroy more trees than die from any other cause.

THE HARVEST.

Winter apples and pears should be gathered by the 15th, before severe freezing weather, and stored in a cool open shed, a short time before putting into the cellar.

SMALL FRUITS.

Tender raspberries and blackberries should be bent over and covered with soil to protect them from severe winters.

GRAPE VINES.

May be pruned at any time after the leaves have fallen, although the work is generally more profitably done later, or during the warm days of winter.

VEGETABLE GARDEN.

Harvesting everything is now in order. All the tender vegetables, of course, have been secured. The hardy sorts will keep better if taken in before severe freezing, except perhaps, the parsnip.

rathered. One of the best methods of preserving vegetable is to pack them in slightly moistened leaves. This is much better than soil, being a better non-conductor, keeping the roots at an even temperature.

Sending Plants By Mail.

So much progress has been made by nurserymen and florists that now it is comparatively an easy matter to send plants any reasonable distance by mail with perfect safety.

A Rain Machine.

After great battles, violent rain storms are of very general occurrence. This is due, it is now known, to the agitation produced in the air by the violent explosions of cannon and musketry.

Pansies the Year Round.

With most people the pansy is a favorite flower. Yet many fail, even after much labor and expense, to have it constantly and in abundance.

How Frogs Help Farmers.

Mr. C. M. Weed, of the Michigan Agricultural College, has recently examined the contents of stomachs of eight common frogs (Rana holoceina), and finds undoubted evidence of the usefulness of frogs as destroyers of insects injurious to farm and garden crops.

Largest Flower in the World.

There is a tree which grows on the Island of Sumatra that produces the largest flower, we believe, that has ever been discovered. It has been given several names, such as Amorphophallus (a genus of amorphous, or irregular in shape), Conophallus (from the conical shape of its spadix) and Sigas, signifying gigantic.

The plant has two states of existence—one as a tree, the other as a flower, as shown in our engravings. The tree measures eighteen feet in height, the trunk being twelve feet and about thirty inches in diameter.

Measuring the Age of Trees.

The counting of the rings added by exogenous trees every year to their circumference can only, without risk of error, be applied to trees cut down in their prime, and hence is useless for the older trees, which are hollow and decayed.

Packing Butter.

The following system of packing butter, particularly for small dairies, and where a few crocks of the same are put down early in the season is recommended by an exchange.

Live Fence Posts.

If wire fences are to come into universal use there appears to be no good reason why all our outlands should not be surrounded with a line of trees.

Get Your Money's Worth.

In shopping, my dear madam, try to buy things of real value, even if you buy less than you fancy you require. Only rich people can afford to buy bargains.

The butter is first made with all possible care, and after being worked is rolled into small cylindrical shapes, four or five inches long, and not more than a couple of inches in diameter.

These rolls are then wrapped in muslin cloths and the ends drawn over. A large crock is next nearly filled with strong brine, and these rolls of butter are immersed in this solution.

Health of Hogs.

There are many things to observe in preserving the health and growth of hogs, especially where the farmer has a large number of them. The common saying is, "as dirty as a hog."

Grange Difficulties.

The great difficulty here is that farmers do not appreciate the importance of attending to their own business. This same difficulty stands in the Legislature and in Congress.

Good Examples.

The empress of Germany is one of the most simply dressed of women, except on occasions of ceremony. Her dry goods bills are said to be less than the wives of many of the merchants.

Eat Cheese.

Buy several cheeses and keep them through the winter. As they ripen, get older, they will also taste better and digest easier.

The New England Farmer says, "The best feeders in New England long ago learned that the most profit from swine is made when the pig is converted into a hog in the shortest possible space of time."

TEN years ago Cuba produced 700,000 tons of sugar, but the crop has been decreasing from year to year till last year it was reduced to 488,000 tons.

We do not advise holding butter after the fall market has opened, except for special reasons. There is so much butter made in winter, and put in the market fresh that old summer made is not so much in demand.

Cows like a change of pasture.

To trimmings the same principle will apply. A woman will often spend in two or three years on fringes and fancy trimmings an amount that would purchase real lace sufficient for a lifetime.

A New System for Profit.

There is always profit in feeding a farrow cow through the winter so liberally that she will give a good mess of milk and fatten at the same time. Some farmers make a practice of purchasing farrow cows, which they can always do at a less price than those in calf will bring, and, by giving them extra feed will get an extra amount of milk.

Artificial Marble.

Artificial marble can be made by soaking plaster of Paris in a solution of alum; bake it in an oven, and then grind it to a powder. In using mix it with water, and to produce the clouds and veins stir in any dry color you wish.

The public domain saved for the people, the water ways of the country improved, railroads taught that they are carriers and not common speculators, and more children be taught common trades than be too well educated, that they must either keep books or live by their wits. Do these things and the tramp will disappear. He will be only a relic of the past. Keep on with the present system, and the tramp will multiply, and where will be the end?—Pittsburg, Pa. Labor Herald.

A PECULIARITY of robust yet careless persons is that they have generally inherited their constitutions from ancestors who have observed rules; who have eaten with some degree of regularity, who have consulted their surroundings; cooled themselves when heated; warmed themselves when cool; rested themselves when tired; and, to use Emerson's expression, put up solid bars of sleep between each day's task.—Detroit Free Press.

Some recent trials show that very thin blades, as flat springs and cutlery blades, can be effectively hardened and tempered by heating them and thrusting them into a mass of mineral wax—crude paraffine. The needles of sewing machines and small drills have also been treated successfully.

The independent newspaper, like the independent voter is the true patriot. It requires no brains or patriotism to follow the machine and extol its workings.—Carthage (Mo.) Press.

Dr. G. R. Patton, an eminent Minnesota physician, says that no person who abstains from the use of alcoholic drinks, ever suffers from a fatal sunstroke.

The truest test of civilization is not the census nor the size of cities, nor the crops—no, but the kind of man the country turns out.

The State Horticultural society meets at Ann Arbor for its annual session the first week in December.



Ladies' Department

A WOMAN'S WISH.

Would I were lying in a field of clover, Of clover cool and soft and sweet...

Farmers' Wives.

"Poor, weary, farmer's wives!" I wonder how many of them appreciate the consoling sympathy they receive...

Window Gardening.

The time of "flower bed" glory is spent, the day of "taking up plants" is past, and the nipping nights have vanquished a lingering desire to cover each evening what remained of our out door plant pets.

tion of in-door gardens be regulated by "figures on a dial." To such kinds as the calla and a few others, of course this does not apply...

reasons. We are as a class isolated, we need something to bring us out. We need to exchange our thoughts and ideas with others, our very life, as a Grange, depends on one united effort.

ing once blackened boots, replied, "But did I not black them well?" Persistent effort to do one's best, 'p lift any calling. It may not bring plaudits from the masses, sneers it may call forth instead; if each effort take you out of the dead level of others of your profession, but the best reward of genuine worth is its possession.

those who help themselves," and it is said, and "he will not do for us what we can do." The little girl's prayer must be the cry of every mother's heart, who sends a child out into the world. How much of it can we answer ourselves?—Woman's Century.

SELECTIONS.

They who true joy would win Must share it; happiness is born twin.—Byron. Look on me, think it dirt, then eat a bit; And say withal, "earth to earth I commit."—Herbert.

YOUTH'S DEPARTMENT.

"THE HOME THAT IS HAPPIEST."

O' burdens are lightened That many hands bear, And pleasures are brightened That many hearts share...

Dear Nieces and Nephews:—You have all heard of the house that Jack built, but did you ever hear of the laboratory that Jack built?

We will give you the story as found in a scientific journal. This is the laboratory that Jack built.

This is the window in the laboratory that Jack built.

This is the glass that lighted the window in the laboratory that Jack built.

This is the sand used in making the glass that lighted the window in the laboratory that Jack built.

This is the soda that melted with sand, compounded the glass that lighted the window in the laboratory that Jack built.

This is the salt, a molecule new, that furnished the soda that melted with sand, compounded the glass that lighted the window in the laboratory that Jack built.

This is the chlorine, of yellowish hue, contained in the salt, a molecule new, that furnished the soda that melted with sand, compounded the glass that lighted the window in the laboratory that Jack built.

This is the sodium, light and free that united with chlorine, of yellowish hue, to form common salt, a molecule new, that furnished the soda that melted with sand, compounded the glass that lighted the window in the laboratory that Jack built.

This is the atom that weighs twenty three, consisting of sodium so light and free, that united with chlorine, of yellowish hue, to form common salt, a molecule new, that furnished the soda that melted with sand, compounded the glass that lighted the window in the laboratory that Jack built.

This is the science of chemistry, that teaches of atoms weighing twenty-three, and of sodium metal so light and free, that united with chlorine of yellowish hue, to form common salt, a molecule new, that furnished the soda that melted with sand, compounded the glass that lighted the window in the laboratory that Jack built.

It was with pleasure we received Pretty By Night and Sweet Briar's letters. It had been so long since we heard from them we were afraid they had abandoned the department. Hope our new Contributor, E. W., who handled her subject with such vigor will favor us again.

AUNT PRUE.

A Cousin's Chat.

You may glance over the past for the benefit of the future, but you must take "no footsteps backward." It was something like that I have been saying to the names I find in the youth's nook of the last few numbers of THE VISITOR.

Are they not a goodly showing? Aunt Prue have you not been pleased to see so many old faces? And the new ones too? What staunch friends Miss Breeze and E. W. would be under the principle that "opposites attract."

about your visit. Perhaps we will forgive you for your long absence if you write often now.

Is the last VISITOR besides that most excellent letter from Aunt Prue, (how grateful we are for all her kind words.) I enjoyed the article which some one selected for us, illustrative of the accumulation of small savings. There is an anecdote which bears on a somewhat similar point, and although it may be familiar to a portion of your readers, I will tell it.

GRACE.

A November Sunflower.

Dear Aunt Prue:—Our subscription to the GRANGE VISITOR expired some time since and, although, I was regretfully aware of the fact, I failed to renew it because I was waiting until I found time to write a nice letter for the Youth's Department.

RECREATION.

The recreations of the past and present differ greatly, especially in one important particular. The spirit of cruelty, both to man and animals, is not indulged now, except by the very lowest class of people, and even by them only in a limited degree, in this country.

There was certainly a great variety in size, shape and color. As we dotted on fans we selected one to suit our fancy, unmindful of the dozen which we had at home.

It was advertised that their artisans would pursue their arts in native costumes for the benefit of the visitors but that particular time must have been their "evening out" as we were disappointed in seeing them.

SWEET BRIAR.

The Necessity of Sanitary Reform.

From an article on "The Principles and Practice of House-Drainage," by George E. Waring, Jr., in the November Century, we quote the following: "Houses that are perfect, even in the general arrangement and construction of their sanitary works, are extremely rare."

Visit to Chicago Continued.

Returning from the "Battle of Gettysburg," which we visited in the afternoon, we wended our way to the hotel to recruit for an evening visit to Mr. Barne's Japanese store.

OUR educational methods have been growing in system and severity, if not in perfection, for many years; and the demands upon the pupil have correspondingly increased, until the necessities for grading have become imperative.

The time to do good is when the opportunity occurs. There is no time when evil may be done with expectation of reward such as attends the performance of every good deed.

There was certainly a great variety in size, shape and color. As we dotted on fans we selected one to suit our fancy, unmindful of the dozen which we had at home.

In the second story we found a fine display of rugs of every description; the most costly being of mottled or pure white skins nicely lined with plush, velvet, or quilted silk.

It was advertised that their artisans would pursue their arts in native costumes for the benefit of the visitors but that particular time must have been their "evening out" as we were disappointed in seeing them.

As we were about to make our exit we saw two young Japanese gentlemen sitting on a sofa conversing with friends in very good English.

These Three Little Friends are going Travelling, and they want to visit all the Good Little Boys and Girls in America.

Only 15 Cts for 3 French Dolls.

WITH AN ELEGANT WARDROBE OF 32 PIECES.

Consisting of Reception, Evening and Morning Dresses, Bonnet, Street Coats, Cloaks, Hats, Hand Satchels, Sun Umbrella, Music Portfolio, Overcoat, Sailor Suit, Military Suit, Trunks, Dress Suits, etc.

THE BEST FARMERS. And all Warehousemen and Seed Dealers, Everywhere, Use the OLD RELIABLE "CENTENNIAL" FANNING MILL.

They will all tell you that it takes the Cockle and Oats out of Wheat, and is the only perfect Cleaner and Separator of all kinds of Grain and Seeds.

FAY CURRANT HEAD GRAPES.

SMALL FRUITS AND TREES, LOW TO DEALERS AND PLANTERS. EVERYTHING FIRST CLASS. FREE CATALOGUE. GEO. K. JOSSELYN, FREDONIA, N. Y.

Mrs. JULIA WARD HOWE has been selected by the managers of the World's Fair, that is to open at New Orleans in December, to preside over the department of woman's work, and she has accepted the trust.

FIFTEEN of our 21 presidents were farmers or the sons of farmers.

THE REAPER DEATH. REED - Died Aug. 30, at her home in Antwerp, Van Buren county, of dropsy. SISTER DORISIA BREN, aged 36 years.

GILMAN - Died at his residence in Antwerp, Van Buren county, Sept. 18th, 1884. Hon. JOSEPH GILMAN, in the 69th year of his age.

WILSON - Died in Paw Paw township, Sept. 8th, SISTER ELIZA WILSON, aged 60 years.

DOWNING - Died in Almena, Sept. 9th, SISTER MARY E. DOWNING in the 54th year of her age.

THE MARKETS. Grain and Provisions. NEW YORK, Oct. 29 - Flour, receipts 15,000 barrels; quiet, weak.

DECKER'S HAY PRESSES. The customer keeping the one that suits him best.

STEAM ENGINES. Portable and Agricultural. Send for circulars.

