Bellefonte, Pa., March 20, 1896.

Farm and Forest

The Double Ruin Wrought by Fires-The Mountains that are Being Carried Down to

Arbor Day in this State will be Pennsylvania and in the valleys the In the cities and towns and villages observance, but on the farms it must remain for the owners.

On some farms trees are regularly planted every autumn to commemorate some event of the year or in honor of some guest or to betoken some great good or some special reason for thank-tulness, or maybe to stand as the memorial of sorrow or a parting. In the rural districts of Germany, says Forest Leaves, they have a habit of planting a tree for each member of the family at Whitsuntide, and at early dawn on this day their singing societies from the top of the nearest hill or mountain hail the rising sue with songs of praise for the glory of its warmth and blessing to Ceres and Flora. The Aztecs used to plant a tree for every child that was born, naming it for the child.

Dr. J. T. Rothrock, as State Forestry Commissioner, sends this reminder to the farmer readers of the Philadelphia Ledger of the value of forests as producers of fertility:

"It may safely be assumed that every particle of fertility on a hillside, or even on a flat, with a moderate inclination, is on its way to a lower level, and ultimately to the ocean. The mere fact that this transfer is slow and involves an immense reach of years does not alter its important relations. Of course, the tendency is for the time broken when any portion of this humus, or this fertility, becomes a part of a plant structure. Ultimately it begins its descent again. Every one of the numerous deltas to the broad river mouths of the globe is a witness at once to the enormous quantity of material brought down and the vast plant-producing capacity of the soil so

"This transfer of material from higher to lower levels is much more rapid in open than in wooded grounds. For example, I saw the Aughwick creek a few days ago when its current was swollen and muddy. This mud diness measured the quantity of soil the stream was taking out of the country. Most of it came from the steeper hillsides, which were under cultivation. At the same time I could easily see fresh gulches in the fields and fresh deposits where the level of a road had arrested the soil in its downward

Streams which came directly out the mountains were almost wholly seed is immature, requiring two years clear, while the Aughwick was turbid. to be perfected. To get at the seed

"There was, however, an aspect of the problem which was not so evident. That was, that as the process of destruction and impoverishment of soils begins on the steeper hillsides, so also, under normal conditions, the process of repair should commence there. As a rule, our high grounds and steenest slopes are seldom now remunerative agriculture. Not only do they yield scanty crope, but their fertility becomes exhausted econer, and the process of restoration is very costly.

"The natural function of such places is to produce timber. It is in these that the restorative agency of the forest manifests itself. The action of the roots tends to break down and comminute the rock, and so also the smaller rootlets reduce the pebbles in size. The decaying leaves furnish carbon dioxide, which is soluble in water, and hence is carried down along the roots to their points of contact with rock or pebble, where these are reduced to that state which we recognize as a soil. Here then is a constant source of supply of new soil to take the place of that which is carried off. Under natural conditions waste does not so greatly exceed the repair as under cultivation, but still it is going on.

"This points another moral. When land is cleared of its trees there is, or may be, a justification for that if they were mature and served to support an industry so important to the country as the lumbering business has been : but when fires are allowed year after year to sweep over the same area, not the slightest excuse can be offered for this. The processes of restoration of soil and making of fertility are not only checked by burning up the decaying vegetable matter which was ready to add to the wealth of the fields on the lower grounds, but it is almost wholly destroyed, because the repeated burnings at last will kill the trees, root and

"The natural tendency of a hilly region, over which the tree life has been destroyed, is toward a desert condition. The elements, unaided, often seem unequal to the task of producing soil and fertility as fast as required or washed away. Large grassy areas usually are nearly level. Hence, a fortunate circumstance or favorable seasons may give a chance for a feeble growth of grass to start, and this flourishing and decaying may eventually produce a sod capable of retaining the elements

of fertility.
"It is, however, quite within the limits of truth to assert that, for our own State, the creation of torests on our treeless highlands promises more in the way of soil restoration and preservation than any other measure we can command.

one were to begin at the headwaters of phobia.

either of our chief streams and follow it from its origin downward to the ocean, studying as he went the deposits of sand, gravel and sedimentary humus he might encounter. No mere passing observer ever gains any adequate idea of the vast volume of soil which is thus in constant motion from the highlands to the lowlands. It is true that the general process of wearing away is more rapid than the restoration, and that our higher river channels, with fast flowing water, are tending to lower April 10th or 24th according to the their beds, except where an eddy or locality. In Southern and Eastern other halt in the current allows the sediment to fall. But once tidewater early date will probably be selected. is reached, this tendency is to a greater extent checked, or at least reduced. the authorities will probably see to the The more the cleared areas preponderate over the woodlands the greater will this wearing away be. The more the woodlands preponderate the more nearly even will be the waste and repair of the surface of the country."

> At the meeting of the Bucks county National Science Association, of Doylestown, Saturday, Dr. Rothrock, speaking of the unreasonable and exorbitant tax upon timbered lands of the State, said : "Every hour a tree stands it is a citizen, earning its living; holding water for the Commonwealth and protecting the land. Whether on the hillside, in a torest or alone in the woodlot, it is earning its living. Any tax that compels the cutting [off of timber is working a harm to the Commonwealth. If taxed at all it should be in a class by itself. In this State are fully 4000 square miles of land so steep that it is being rapidly washed away. All of that land is paying no-thing now and should be put into trees. Every farm has some swampy land that can be put to no use, or some barn or outbuilding that needs a shelter; not a farm is there but that

> will be better for more trees. "What shall we plant? I would banish every foreign tree, except for street shade, possibly, the Oriental plane. Foreign trees grow more rapidly at first, possibly, but our native trees are longer lived. On unproductive land, too poor for cultivating, I would plant white pine, and as thick as they could stand. If planted close enough they will grow tall and straight. Never in the world will this country see a surplus of white pine. To do this, break up the ground in the best manner possible and sew the pine seed with oats.

"The oats will give what the pine sprouts need, shade from the sun. Tide them over with a crop or two and they will probably be able to shift for themselves. Or, in easily worked places, the seeds could be put in with a drill and covered with lath screens until five or six inches high, when they could be set out. To do this take up your seedling, shade it from the sunshine with a stick, make a hole in the ground, drop into it the seedling, a very little deeper than it had been, and firm the soil around it.

"The white pine seed is located under the scales of the cone. The first year and while the cone is green the "This lesson was so plain that no put the perfected cones in a paper bag ce near heat to dry. drop from the scales. Or, the seed can be purchased of any reputat le firm."

"Walnuts must be planted where the trees are to stand. It is difficult to transplant, owing to its tap root. To remove it, cut through this tap root and leave the tree in its place until it has developed lateral roots, when it can be safely removed, but it will never be the tree it would have been it allowed to stand with its tap root

Rev. J. H. Ward, of Boston, said at the meeting of the American Forestry Association that the law everywhere should be not to cut at less than 12 a day. inches to the stump. In Europe 80 per cent, of a tree is put to use, whereas we use less than 40 per cent.

Professor F. W. Morse, of the New Hampshire Station, says maple trees with many branches and in the open. so as to have fullest exposure to the sun's raye, yield the richest sap ; those in a thick grove the poorest. amount of sugar in the sap does not depend upon the variety of the maple, as the soft maples have as high percentages and as low as the rock maples. The sap is poorer toward the close of the season than at the beginning. Analysis showed no very marked nor constant variation in the composition of the sap from different sides of a

Going to South Africa

During the last year or two there has been something of a migration of miners from the Western States to South Africa, and advertisements of rates and routes to South Africa are printed in most of the mining papers. The movement seems to have extended to others than the miners, and, may indicate that the emigrants have not fared badly. A man advertises in a recent issue of a Deadwood paper that he will sell at a bargain his saloons in Deadwood and in Leadville ,as he intends going to South Africa. he expects to make money out of the

mines or the miners he doesn't state. A Boy's Horrible Death.

He Succumbed to Hudrophobia After days of Suffering

HAZLETON, March 14.-Bernard McDeer, aged 8 years, died at his home in Jeddo, after several days torture, from hydrophobia. The lad was bitten three weeks ago by a rabid dog that ran through the town, snap ping fifteen other canines before it was

The wound was cauterized and bealed up. Nothing further was Nothing further was "It would be an interesting journey, thought of it until last Tuesday, when with an interesting object in view, if the boy manifested signs of hydroAmerica Must Do Her Share.

Appalling and terrible as were the Armenian massacres in Turkey, the only two countries which have raised money for the sufferers from the fiendish crime were England and the United States. Europe looked on, consenting to the deep damnation of the massacres, and when they were

over did nothing for the sufferers. The only two counties with enough Christianity and civilization to aid the sufferers were the two great English speaking nations of the world. In the van in all else, the are equally to the fore when mercy calls. The New York Independent in an article on the subject, estimates that \$175,000 has been raised in this country and \$100,000 in England.

There is subject for just national pride in these figures. We are not responsible. No broken treaties, no disregarded pledges, no violated confidence stains our path. We have not promised protection and left the weak unprotected. We have not pledged reforms and done nothing when misgovernment sank into massacre. But when there was need and the cry of the wounded, the helpless and the starving rose to heaven, this Christian nation leads the way in beneficent

The work is but just begun. great population has been left naked, houseless, foodless. Money is needed States, youngest of lands is, in the face of this great suffering, the one source of mercy and aid. Both should flow freely. Two cents a day keeps a human; being alive in Armenia, and the money given the Citizens' Permanent Relief Committee reaches the suffering by cable in two or three days:-

This new light they have disovered that enables one to take a photograph of a man's bones without skinning him will be a terrible factor in the "Take a bearer of a message, for in- nerve tonic. stance, he is captured, and, after the old-fashioned method, swallows the paper; out comes the photographer, takes his internal picture, reproduces the swallowed message, and there's all the poor messenger's devotion gone for nothing."

-A woman shoemaker is one of the novelties in Williamsburg, N. Y. She is an elderly dame, and she works in a shop with her elderly husband, not far from the ferry-house. Both are Italians and they arrived from their native country about a month ago. Business with them is said by the neighbors to be very good, and the woman's work is skillfully done.

-A cave alleged to rival the great Mammoth cave has been discovered in Edmonson county, Ky., the same in which the latter is situated. It is alleged that more than 60 miles of sub terranean avenues have been explored.

-Five hundred land agents the bag occasionally, and the seed will said to have gone from the South to the Northwest to induce the farmers of the latter section to remove to the former.

> -Evaporated potatoes prepared in the same manner as evaporated apples are to be put on the market from Minnesota next fall.

> -Russia already ranks sixth among the wine producing countries, and will probably soon surpass Germany in this

> A street waterer in Calcutta who sprinkles the streets from a water skin carried on his shoulders, gets six cents

> > Sechler & Co.

Woman's Rights .- In a recently published medical work, the author asserts that nine-tenths of the women of America are subject to uterine and kindred diseases and in consequence maternity becomes to them a dreaded

burden. How very small is the proportion of ladies who reach middle age wearing the bright glow of health which was their maidenly attraction and of which they have been robbed by functional disorders and nervous weak-ness! We take pleasure in recommending to all thus afflicted the use of Dr. Pierce's Favorite Prescription, a tried remedy, safe and sure in all cases. Its discoverer merits the gratitude of the sex for the blessing he has conferred upon them. For nursing mothers and all debilitated "run-down" women, it is the most certain restorative. To those about to become mothers it is a priceless boon. It lessens the pains and perils of child-birth, shortens labor, promotes the secretion of an abundance nourishment for the child and shortens

-The Orange Judd Farmer place the value of farm animals in the United States at \$1,864,420,000, or \$62,189,000 less than in 1894. The heavy decline has been principally in horses and mules. This is because of the introduction of bicycles, and the enormous ex-tension of the electric propulsion of street cars, thus disusing horses to such an extent that their price has fallen to the lowest point ever known. Both the for seed wheat in the Spring, to carry tens of thousands until food begins to come from the fields, to clothe those who have lost all. Europe is callous, apathetic, indifferent. The United

the period of confinement.

Had Seen a New Light Tramp-Yes'm it's hard to break

way from all yer bad habits at once; Remedy, which I did. My trouble was dysbut I've given up some of them. pepsia, and for a long while I was unable to be Lady-Which one have you given about at all; but after taking a few doses I was completely cured, and now enjoy good health." Tramp-Well, mum, I do 't get Hundreds of men and women with that

shaved on Sunday any more. -Pure, rich blood is the true cure

RAKE A BATCH OF BISCUITS.

plant wreath-on every tin.

Seeds.

KNOWN VITALITY

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AND PURITY

SEEDS

and bottom, light on the sides, and snowy white when broken open.

for nervousness, and Hood's Sarsaparilla wars of the future," said Wilkins. is the One True Blood Purifier and

MUST USE THE KNIFE.

SAID THE SURGEON, BUT DR. DAVID

KENNEDY'S FAVORITE REMEDY WAS

TAKEN AND THE KNIFE AVOIDED.

The Union and Advertiser of Rochester, N.

Y., recently published the following interest-

ing account of how William W. Adams, of 127

South avenue, that city was saved from a pain-

Mr. Adams said: "Three years ago I wa

aken with kidney disease very badly; at

times I was completely prostrated; in fact

was so bad that the day was set for the doctors

to perform an operation upon me. But I decided I would not submit. I had been put in

hot water baths, and, in fact, nearly every

means was tried to help me. Upon the day

set for the operation I commenced the use of

Dr. Kennedy's Favorite Remedy, and from

that moment began to gain, and it was not

long before I was entirely cured and have had

no return of the trouble since. My weight

has increased and I never was so well as I am

DR. DAVID KENNEDY'S

FAVORITE REMEDY

In speaking to Mrs. Adams, she said "About

year ago I was in a very feeble state of

health, being completely run down. I had

loctored considerably, but without permanent

Seeds.

NEW SEED GUIDE FOR 1896

Sechler & Co.

Bellefonte, Pa., Jan. 1st, 1896.

relief. One day one of my neighbors advise

me to take Dr. David Kennedy's Favorite

to many people, for it saved my life."

nedy's Favorite Remedy.

now. I have recommended

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COMMISSIONERS SALE OF UN-SEATED LANDS.—In pursuance of an Act of Assembly passed on the 29th day of March, 1824, the commissioners of Centre county will sell at public sale at the court house, in the borough of Bellefonte on TUESDAY, MARCH 24th, 1896.

"run down" condition, unable to work, have the following described tracts of unseated land purchased by the county of Centre at Treasurer's sale and which have remained un-redeemed for the space of five years and uprecovered health and strength through this

remarkable remedy. It purifies the blood, | Med for | S. | S. | Fer. | Warranter | Hale, J. M. | Benns | Unknown | Benns | Unknown | Benns | Hale, J. M. | Hale, J. M. | Benns | Hale, J. M. | Hale, J. M. | Benns | Hale, J. M. | Hale, J. M. | Benns | Hale, J. M. | stirs the liver and kidneys to a healthy action In cases of rheumatism, kidney, liver and urinary troubles, it is a well-known specific.

As the Holiday Season is now over we wish to remind our friends and the public, generally, that we are well prepared to supply all demands in our line. Almost all kinds of goods are now so low in price that a good American Din-

Sechler & Co.

SECHLER & CO'S OPEN LETTER.

ner is within the reach of all. While giving careful attention to securing a fine stock of fruits and luxuries we

have not overlooked the every day substantials. We have Pillsbury's "best" Minnesota Flour and the leading brands of home manufacture. Bradford Co., pure Buckwheat Flour, new kiln dried Corn Meal, extra fine sugar cured Hams, breakfast Bacon and dried Beef, white, fat, new Mackeral, rich

mild Cream Cheese, genuine Maple Syrup, pure-sugar table Syrups, fine roll dairy and creamery Butter. We have just received a lot of bright clean New York state Beans that we are selling at the low price of five cents per quart. The entire lot of twenty-two bushels will

go at that price (no advance) but we can hardly get any more as good as these to sell at the same price. Don't miss them, They are fine. One of the most satisfactory lots of goods we have to offer is our own Mince

Meat. Every ounce of material in it is sound, clean and of the finest quality, nothing equal to it has ever been obtainable. Price, ten cents per pound.

It has been almost impossible to get satisfactory Oranges this season, but we have secured some fine Floridas, also some Mexican fruit that is equally as fine as the Floridas and quite reasonable in price. Our stock of Cranberries, (at 10cts per quart,) white Almeria Grapes, New York Catawbas, (2 baskets for 25cts), Lemons, Bananas, and Sweet Potatoes have received careful attention. Also Raisins, Prunes, Citron, Figs, cleaned Currants, California evaporated fruits, fine mixed table Nuts at 15cts and 20cts per pound, soft shell Almonds 20cts per pound, finest Princess paper shells at 25cts per pound, finest Java, Mocha and Rio Coffees, Extracts, Sauces, Pickles, Capers, Mushrooms, Truffles, Etc., but we cannot enumerate further.

We keep a large and well selected stock. It will pay any house-keeper to visit our store once a week. The first principle of economy is not alone in saving, but in making a good investment. Trusting you will act on the suggestion.

We remain yours very respectfully,

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Sift one quart of flour, two rounding teaspoonfuls of baking powder, and one teaspoonful of salt into a bowl; add three teaspoonfuls of COTTOLENE and rub together until thoroughly mixed; then add sufficient milk to make a soft dough; knead slightly, roll out about half an inch thick, and cut with a small biscuit cutter. Place a little apart in a greased pan, and bake in a quick oven for fifteen minutes. These biscuits should be a delicate brown top Long, J. Z..... Long, J. Z..... Packer, Job W. The secret of success in this recipe, as in others, is to use but two-thirds as much Cotto-ene as you used to use of lard. Cottolene will make the biscuit light, delicious, wholesome Better than any biscuit you ever made before. Try it. Be sure and get genuine COTTO-LENE. Sold everywhere in tins with trade-marks-"Cottolene" and steer's head in cotton-THE N. K. FAIRBANK COMPANY, CHICAGO and 132 N. Delaware Ave., Philadelphia, Bonam, Saran.
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Buttz, John L

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