

Better Rural Service and Better Roads.

Department Makes Requests That Will Improve Them Both.

That the post office department is striving to improve the postal service and the highways especially that the rural routes there is no question.

In order to expedite the delivery, collection and dispatch of rural mail, enable rural carriers to cover their routes with celerity, and give the earliest possible service to patrons residing on the far end of the routes the Department will insist that all rural mail boxes be so located as to be served with the greatest expedition.

You are therefore, directed to require each rural carrier at your office to submit to you without delay, for transmission to the Department, the names of all patrons whose boxes can not be served without leaving the road, dismantling, driving in deep ditches or on or across railway tracks involving danger or the approaches to whose boxes are obstructed.

It is not desirable that boxes be attached to telegraph telephone or electric light poles or to fences or buildings, but boxes should be securely fastened to neat and strong posts firmly set at the side of the roads, at a sufficient height to be served by carriers without rising from their seats or reaching through wheel spokes.

Hereafter carriers will be required to be more stringent in reporting to postmasters the condition of roads, who in turn, will be required to report all bad conditions to the Department and to co-operate with them to secure the improvements of the roads over which the postal service extends.

Lackawanna Branching Out.

Will Bridge West Branch at Northumberland - Rumored Wabash Negotiations.

Following rapidly on the heels of the announcement that the D. L. & W. railroad had begun negotiations for the purchase of the opera house and the Palmer House at Northumberland as a site for the new station to be constructed at that place as told in the COLUMBIAN last week, come new developments of no small proportions in the railroad world.

First in order came the sending of a force of surveyors into Northumberland to make the necessary surveys preparatory to the erection of a large concrete bridge across the Susquehanna at that place. To Burke Brothers & Company, of Scranton, the contract for the bridge is reported to have been let by the railroad company.

The D. L. & W., which owns and operates the greater part of the Clearfield coal region, owns the right of way now occupied by the Reading railroad from a point near the West Branch wagon bridge for a distance of several miles up the river, and the Reading occupies the ground with the understanding that the Lackawanna may use its tracks if connection are made. The proposed bridge will furnish the connecting link and, with the use of the Reading lines, the D. L. & W. will have trackage almost into the Clearfield district, thus materially cutting down operating expenses for that field.

From the financial centres of New York came the next story, when press dispatches stated that rumors, apparently well authenticated, were to the effect that the Lackawanna was preparing to take over the Wabash, one of the links in the Gould ocean-to-ocean system of railroads which fell of its own overweight in the recent panic. The Lackawanna could use the Wabash to good advantage as a trunk line to Chicago and as possessing an important terminal at Pittsburg, while at the same time it could furnish the latter road with what it most needs, increased capital and increased traffic. It is regarded as possible that the latest move of the D. L. & W. is a revival of the Wabash project to push a line across this state, surveys for which were completed as far as Union county.

Children Cry FOR FLETCHER'S CASTORIA

The Zoological Press Bulletin

of the Division of Zoology, Pennsylvania Department of Agriculture. Timely Topics of Plants and Pests Discussed Weekly. By H. A. Surface, State Zoologist.

COST OF ARSENATE OF LEAD.

Several prominent citizens of Pennsylvania have written to Prof. Surface, the State Zoologist, Harrisburg, inquiring how or where to get arsenate of lead, to be used for killing chewing insects, such as the codling moth larva, caterpillars, potato beetles, etc. Some state that they have inquired at "leading drug stores and at hardware stores," but at neither place did dealers seem to know much about it.

Prof. Surface, in his reply, said: "When you attempt to buy arsenate of lead in small quantities from local druggists, you may expect to pay varying prices, such as ten cents per ounce, as you say; but you may be surprised to know that I have at present before me a bill for arsenate of lead for experimental purposes, which is costing only eight cents per pound. You can get all you want for 12 cents per pound in buying in one hundred pound lots, or should not pay more than 15 cents per pound in any retail quantity from local retailers. You can buy it from various firms, such as The General Chemical Co., Philadelphia; Niagara Spraying Co., Middleport, N. Y.; Thomsen Chemical Co., Baltimore, and Powers-Weightman-Rosengarten, Philadelphia. Write to them for prices in large and small quantities. I prefer to order it in small (2 to 10 pounds) tin cans.

TO START YOUNG TREES TO GROWING.

State Zoologist Surface says that the cherry is the hardest to make grow of any fruit trees that we can plant. One is doing well if he can get fifty per cent. of them to grow, but after they do start they generally come on during the second year and subsequently stay in good condition. This is due chiefly to the fact that the tree has so few fine or small roots, such as are needed for taking up immediate moisture and plant food, and it takes some time for it to form such roots. Its first effort to grow is a drain on its stored vitality. When this is exhausted the tree is liable to die by wilting at this time of the year.

Last year the Professor performed a series of important experiments in stimulating declining trees that had been planted only a few months. He used various vegetable alkaloids, such as nuxvomica, strychnia, etc., and also used nitrate of soda, and found that the last named was by far the best and most efficient stimulant and was also the cheapest. He had excellent results from watering, dehorning and cutting back, and especially from watering declining trees, a teaspoonful of nitrate of soda being dissolved in each gallon of water. The watering should be very extensive. Before applying the water, the soil should be well tramped firmly around the roots. Of course, this should not be done while the ground is wet. Pack it well around the roots, then apply as much water as possible, or at least a bucket to each young tree, after having dissolved a teaspoonful of nitrate of soda in each gallon of water. Two or three good waterings of this kind, and mulching around the tree with stable dressing, will do more good than anything else to give it a start.

If you did not cut back the top well, removing at least two-thirds of it, it should yet be trimmed, in order to throw vigor into the few buds that remain. Most persons in setting trees do not cut back far enough.

As to the time of planting, the earlier in the spring the cherry tree is planted, the better it is. There is no kind of fruit tree that demands such early planting as the cherry, and it will suffer more severely from late planting than any other kind.

OUTBREAK OF APHIDS OR PLANT LICE.

State Zoologist Surface reports that he is receiving communications from all parts of the State of Pennsylvania of the unusual outbreak of Aphids, or Plant Lice, this year. Many persons ask what to do for them, while others state that they have sprayed with various preparations without success, stating that they have used Paris green; others arsenate of lead; others Bordeaux mixture, lime-sulfur wash, some sprayed last winter, and some sprayed last week, likewise without results that were

good. In reply to these communications explanation has been made that the Plant Lice are sucking insects which damage trees and other plants by injecting a poisonous saliva, and then sucking out the modified sap. The leaves upon which they live curl until they form protecting homes within which the pests are then safe, and cannot be reached by any spray liquids. Bordeaux mixture does not affect them because it is a fungicide. The arsenical poisons do not kill them because they are for the chewing insects only.

The Plant Lice are to be killed by spraying at the right time, which means shortly after the buds burst or before the leaves have curled, with the right material, which is a good contact insecticide, strong enough to kill the pests but not strong enough to injure the leaves. For this (1) one pound of whale oil soap in six gallons of water should be used, or (2) about eight per cent. kerosene emulsion, or (3) a stronger soap solution of some other kind of soap, or (4) a very strong tobacco decoction. It must be so applied as to come into contact with the bodies of the pests, or they will not be injured. Therefore, those within the curled leaves are safe as far as spraying is concerned, and the leaves containing them should be picked off and destroyed by burning or dropping in to oil.

The Apple Aphid is by far the most commonly reported pest at this time of year. However, it has reached its worst and will soon be leaving the apple leaves to migrate to the roots of grasses and grains, where it spends the summer. In fact, many leaves now show only its cast skins. The appearance is worse than the result, as the leaves are deformed but not entirely destroyed, and as treatment at this time of year for the badly curled leaves is out of the question, it is not necessary to attempt to give it. Where, however, aphids, jumping plant lice, leaf hoppers, and other sucking insects are present, the remedy consists in getting one of the contact insecticides named above to come in touch with the body of the pest. This can be done by spraying or by bending the twigs containing the pests so that they can be dipped into pans holding the liquid, or by dipping bunches of twigs or whisk brooms into the liquid and flipping it against the pests in a fine spray. This communication is intended to be an answer to hundreds of inquiries on this topic now being received by the Division of Zoology of the Department of Agriculture.

To Build Aluminum Line.

That the Harwood Power Co. is a progressive institution becomes more and more evident daily, says the Hazleton Standard. One of the largest contracts the company has on its hands at the present time is the construction of the power line from Hazleton to Berwick, work on which will be commenced very shortly. A small-sized fortune will be involved in the construction of this line, \$25,000 alone being required for the wire.

The novelty of the line, however, is the fact that it will be constructed of aluminum, the material for which is now in process of manufacture. Aluminum power lines are a novelty, and this one will be the first in the State. While the first cost is enormous, it will nevertheless mean a vast saving in the way of repairs, particularly in this true during the winter months, when sleet gathers on the wires or cables, not infrequently the weight causing the lines to collapse. With an aluminum cable all this will be avoided, as sleet will positively not hold on aluminum because of its greasy substance.

The company, too, has just closed a contract with the American Car Works at Berwick to furnish them with power, over 2,000 kilo watt being consumed each working day.

HUMPHREYS'

Humphreys' Veterinary Specifics for the cure of diseases of Horses, Cattle, Sheep, Dogs, Poultry.

- A. A. For FEVERS, Milk Fever, Lung Fever.
B. B. For SPRAINS, Lameness, Rheumatism.
C. C. For SORE Throat, Epizootic, Distemper.
D. D. For WOUNDS, Boils, Grubs.
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Price, 60 Cents per bottle. Vet. Cure Oil, for Stable or Field Use, \$1.

At druggists, or sent prepaid on receipt of price.

A 500 Page Book on the treatment and care of Domestic Animals and Stable Chart to hang up, mailed free.

HUMPHREYS' HOMEOPATHIC MEDICINE CO., Corner William and Arch Streets, New York.

Not Sisters

Now and again you see two women passing down the street who look like sisters. You are astonished to learn that they are mother and daughter, and you realize that a woman at forty or forty-five ought to be at her finest and fairest. Why isn't it so? The general health of woman is so intimately associated with the local health of the essentially feminine organs that there can be no red cheeks and round form where there is female weakness.

Women who have suffered from this trouble have found prompt relief and cure in the use of Dr. Pierce's Favorite Prescription. It gives vigor and vitality to the organs of womanhood. It clears the complexion, brightens the eyes and reddens the cheeks.

No alcohol, or habit-forming drugs is contained in "Favorite Prescription." Any sick woman may consult Dr. Pierce by letter, free. Every letter is held as sacredly confidential, and answered in a plain envelope. Address: World's Dispensary Medical Association, Dr. R. V. Pierce, Pres., Buffalo, N. Y.



"A New Departure."

"The Philadelphia Press" has made a new and radical departure by printing in the first column of its editorial page each day a detailed statement of its circulation.

"The Philadelphia Press" believes that its readers are vitally interested in its success, and that its figures will be consulted by them from time to time, to note the progress of their favorite morning newspaper.

"The Philadelphia Press" furnishes a detailed sworn circulation statement to anyone requesting it, but its publication will reach those interested in a quicker and more convenient manner.

"The Philadelphia Press" is the people's paper. It is the great home newspaper of Philadelphia. It is the leading daily in Pennsylvania.

The cause of the people is its cause and it has no other. It is fighting the battle of the people today on car fares in Philadelphia in the face of the withdrawal of strip tickets. It began the fight, it is leading the fight and it will continue it to the end.

The people's support for "The Philadelphia Press" follows "The Philadelphia Press" support of the people's cause. In April "The Sunday Press" had a net average circulation of 169,842. "The Daily Press" had a net average circulation of 93,613.

This splendid and magnificent showing for April demonstrates the people's support of the people's family newspaper. The circulation is won without premiums and "The Philadelphia Press" is the only morning newspaper in Philadelphia which does not use premiums to gain circulation.

"The Philadelphia Press" will adhere to this policy, confident of a continuance of its growth and with the assurance that advertisers will always find its rates commensurate with its worth, and results that will give a reasonable profit above the amount of money expended.

"The Philadelphia Press" is the only morning newspaper in Philadelphia which publishes a detailed statement of circulation.

Circulation is the basis of advertising value. A business man should exercise the same calculating judgment when purchasing space that he does when buying other commodities. The latter demands either specified quality, exact measure, or known weight.

A factor of equal importance is the quality of circulation. It is revealed by the character of the newspaper as a whole, the nature of its news, its freedom from all forms of vulgarity and an absence of objectionable matter in its advertising columns.

For many years "The Philadelphia Press" has been as distinguished for its high character as for its unswerving fidelity in espousing the people's cause.

Its large circle of readers represent the people in every walk of life—intelligent, progressive, thrifty, industrious—purchasing power of magnitude that responds quickly and generously to all honest advertising.

The Appendix.

The apparently useless vermiform appendix and the dreaded appendicitis are of late having a close rival in disfavor in another fleshy excrescence known as adenoids; and operations for their removal, and by that means the prevention of the ills of which they are the source, are warmly recommended by leading physicians. Adenoids are described as curious little cauliflower-like growths which appear at the junction of the nasal cavity and the pharynx. They are often observed at birth, but they seldom cause discomfort until some months later. Then they interfere with respiration and cause the baby to be restless. It tosses in its sleep and wakens suddenly, crying out as if in distress. If adenoids are permitted to remain they deform the mouth, the teeth, throat, chest and face. At their worst they produce pop-eyes and what is called

frog face. They cause mouth breathing, with all its attendant evils. They open the way for a hundred and one ills, from rupture of the eardrum, running from the ears, coughs and tonsillitis to pulmonary tuberculosis. A slight operation suffices to remove them. The baby suffers little pain and loses little blood. Out they come, and with them the overgrown tonsils that commonly accompany them. If they are suffered to remain they may never be discovered. But it is certain that in one way or another, directly or indirectly, they will cause damage.

Use of Outlines.

From Line One Mile Below Forks Fishing Creek Is Not a Trout Stream.

In order to settle the question as to whether Fishing Creek is a trout stream and whether anglers along its banks are to be governed by the laws regulating fishing in such streams, John G. Harman, Esq., has laid the matter before Hon. Wm. C. Meelan, Fish Commissioner of Pennsylvania. To Mr. Harman's inquiry the Fish Commissioner replied as follows:

"For the present and until the Board shall determine the question, we will take as a line one mile below Forks to the mouth of the stream, in Bloomsburg as a stream not inhabited by trout." This means that for the present at least, outlines when lawfully set before used, may be used in the waters as limited in the Fish Commissioners' statement.

However, for the purpose of definitely determining the question, it has been decided to petition the Board of Fishery Commission to grant a hearing, as they have the power to do under the act of 1909, at which fishermen interested may appear before them with their statements as to where the line ought to be drawn designating trout and not trout waters.

Under date of June 18th, the Fish Commissioner again writes to Mr. Harman as follows: "The Board of Fishery Commission passed a resolution at the meeting yesterday that they would meet August 5th to consider Fishing Creek a trout stream. I will let you know the hour and the place later." At this meeting all parties interested should appear and give the Commissioner the benefit of their knowledge and information as to where, in their judgment, this line should be.

A Fortune Well Spent.

After all Russell Sage's success in gathering together the great wealth that was his at the time of his death was not a bad thing for the country. It was secured mostly from men who tried to get rich by gambling in stocks, and who, had they succeeded would in all probability have squandered most of their winnings at European watering places or for their own personal pleasure, in place of giving it for the creditable purposes to which Mr. Sage's wealth is going.

Mrs. Sage, who was given the care and the distribution of the \$65,000,000 fortune left by him has, in the three short years she has had charge of it, given over \$25,000,000 for educational purposes, religious advancement and for the amelioration of human misery. A continuation of this same blessed spirit of charity—this effort to do good—will give back in a few years into the people the entire wealth accumulated by her husband. And after it is where it will relieve suffering humanity, aid the poor, educate the people and assist in spreading the teachings of Christ, who will dare say that Russell Sage's life was a failure, or that his success was not a blessing to his countrymen and his country.

Mrs. Sage's good work is erecting a great and lasting monument to both her own and her husband's memory.—Ex.

Bloomsburg Souvenir Books, 48 half tone pictures, 25 cents, at the COLUMBIAN office. tf.

Columbia & Montour, El. Ry

TIMETABLE IN EFFECT June 1, 1904, and until further notice.

Cars leave Bloom for Eppy, Almedia, Linn Ridge, Berwick and intermediate points as follows: A. M. 5:00, 5:40, 6:20, 7:00, 7:40, 8:20, 9:00, 9:40, 10:20, 11:00, 11:40.

Leave Bloom for Catawissa A. M. 5:15, 6:15, 7:00, 7:40, 8:20, 9:00, 9:40, 10:20, 11:00, 11:40. P. M. 1:00, 1:40, 2:20, 3:00, 3:40, 4:20, 5:00, 5:40, 6:20, 7:00, 7:40, 8:20, 9:00, 9:40, 10:20, 11:00.

Cars returning depart from Catawissa minutes from time as given above. First car leaves Market Square for Berwick on Sundays at 7:00 a. m. First car for Catawissa Sundays 7:00 a. m. First car from Berwick for Bloom Sundays leaves at 8:00 a. m. First car leaves Catawissa Sundays at 7:30 a. m.

From Power House. *Saturday night only. †P. R. R. Connection.

Bloomsburg & Sullivan Railroad.

Taking Effect Feb'y 1st, 1905, 12:05 a. m.

Table with columns for NORTHWARD and SOUTHWARD, listing stations and times. Includes stations like Bloomsburg, Paper Mill, Light Street, Orangeville, Forks, Zanes, Colles Creek, Benton, Edsons, Laubachs, Grass Mere Park, Central, Jamison City.

60 YEARS EXPERIENCE PATENTS

Anyone sending a sketch and description may quickly ascertain our opinion from whether an invention is probably patentable. Communications strictly confidential. HANDBOOK on Patents sent free. Oldest agency for securing patents. Patents taken through Munn & Co. receive special notice, without charge, in the Scientific American.

CHICHESTER'S PILLS

THE DIAMOND BRAND. Medical Ask your Druggist for Chichester's Pills in Red and Gold metallic cases, sealed with Blue Ribbon. Take no other. Buy of your Druggist. Ask for CHICHESTER'S PILLS. Sold by DRUGGISTS EVERYWHERE.

PARKER'S HAIR BALSAM

Cleanses and beautifies the hair. Promotes its luxuriant growth. Never fails to restore Gray Hair to its youthful color. Color, Gray, Bald, Falling Out, Thinning, and all other ailments of the hair.

PATENTS

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CASINO

A Reliable Remedy CATARRH

Ely's Cream Balm. Is quick, absorbed. Gives Relief at Once. It cleanses, soothes, heals and protects the diseased membrane resulting from Catarrh and drives away a Gold in the Head quickly. Restores the senses of Taste and Smell. It is the only remedy for Catarrh of the Head, Throat, and Lungs. Ely's Cream Balm, 66 N. 3rd St., N. Y. City.