THE AMERICAN PRESBYTERIAN, THURSDAY, JANUARY 9, 1868.

Rural Economy.

Selected from the American Agriculturist. NOTES AND OBSERVATIONS. SAFE PIPE FOR DRINKING WATER.

Lead poisoning from water brought in lead pipe is the often unsuspected cause of disease and death. Galvanized iron pipe, wood, and coment pipe, are expensive and inconvenient substitutes, so that people will risk their lives and use lead. The Lead en, cased Block Tin pipe is even cheaper than lead, and we believe perfectly safe. Our faith in it has led us recently to lay some 80 feet of it, through which all our drinking water is drawn.

THE EUROPEAN ROOK FOR INSECTS.

Is there any objection to the introduction of this bird into this country? With all our warfare upon insects, they are increasing. "Aliquis," of Michigan, writes: "I think that a remedy, (for insects), is to be found in the English rook. This bird may be considered entirely insectivorous. The only exception I ever knew was in a severe and I am aware that they are badly accused, and out the open ditch in the wheat field," many a day I have kept watch with a gun to keep them off the newly sowed grain, and barn floor;" "Bury the large stone in the many of them I have dissected, but I never middle lot;" "Get some whitewood trees to found anything but insects in their crops, They are constantly in attendance on newy stirred land, and hundreds may be seen following the plow and harrow within two look after the wild mustard that came up or three yards of the plow and harrow within two lock after the which matching machine stood in the and thick headed, than the man who can-deed, if they were a grain-eating bird, no field last year." In this way his slate was not see any thunderbolt of danger before it grain could be raised in the neighborhood of filled, and faleisure halfday occurred his men strikes him, and then cannot see it afterrookeries, where millions are congregated. all had plenty of work; and if the master believe the intelligent part of Scotchmen to not believe they eat grain, and they won't touch carrion. I was told by a relation his custom to lay out the day's work on the that, (it must now be 80 or 100 years ago.) slate each evening previous and when a job he was one of those employed to kill off the ooks, which they nearly effectually accomplished, but ere many years they were glad to get them back, the land having become entirely overrun with grubs and wireworms

COAL TAR FOR FENCE POSTS.

Immerse them in coal tar, as far as they go in the ground, and sand afterwards; it will make them much more durable.

COAL ASHES

Will pay for carting a short distance. They contain the mineral constituents of the plants from which the coal was made, and as they are usually found in cities and villages, small quantities of potash and lime from the dence has provided a way for the sheep as wood and charcoal used in kindling. Judg- well as the horse. The horse breaks the wood and charcoal used in kindling. Judg-ng from the rapid disappearance of kindngs in our kitchen, this must be an imporant item. We have often used them for top dressing for moist grass lands. They are particularly good for muck lands and for heavy clays, serving to make the soil nore friable.

UBSTITUTE FOR STABLE MANURE IN MARKET

GARDENING,

You can probably, by exercising reasonaple vigilance, pick up many fertilizers which nuck and ashes compost with guano would water when they w re dry and did not drink. ow go to waste in your vicinity. The e good, but no doubt you can secure the

be kept constantly under the shed, an if a bone-mill is not handy, break them it, and then sits down to think and tall se with a sledge or stone hammer on rainy days. Such rainy days, we think, will pay the farmer better than clear ones.

AN OLD FARMER'S SLATE.

Writing about improvements reminds me that a farmer does not always think of what is needful and may be done when feisure times occur, and it recalls to my mind the practice of a large and successful farmer, who at his death left his affairs in a prosperous condition, and his premises in complete order. His neighbors often wondered at the ease with which he conducted his operations; he never hurried, but the right thing was always done at the right time and his work never lagged. Much of the improvement he made was in odd spells when the routine of regular farm work, was broken by rainy weather, or after finishing the work on a crossed while waiting for another to get to the proper stage. He kept a large slate hanging in the kitchen where all his workmen could see it, and whenever a job occurred to him it was noted on the slate. "Lay a new floor on the scaffold over the mill for making garden fence pickets;" "Plant shade, trees along the road side," "Dig the alders out of the fence corners and happened to be absent the slate told the workmen what to do. After a time it was his custom to lay out the day's work on the was finished the record was erased. To get the slate clean was the ambition of the with nerves of sensibility, to keep it ap-workmon.-Moore's Rural. - 「「」」、「「な話し」」

HOW SHEEP DRINK.

There has been some discussion among writers as to how sheep get water in winter. A writer in one of the Patent Office Reports says when sheep come up to the water in co.d weather, and they stand by it and do not drink, it is because they are afraid of getting their wool wet around their jaws, and he says he put a plank over the water, with holes in it, and then they would drink But he is mistaken. I claim that Proviice with his fest, and the sheep gets water through as thick ice as the horse can. The sheep melts a hole through the ice with its breath. I have seen them melt it through saw them stand by the water and would not drink, the sneep were going through the process of getting water in cold weather. They will stand by good running water and go through the same operation, a though the water was frozen over. I observed them seven years before I knew why they would stand by running

maps the still bottom, draws his wire along renely through three thousand miles of vave and storm. Still more sublime, because vastly more complex, is that wonderful om-bination of study and experience by which human society learns to organize itsef in law and government, so as to keep in safe control those worst infestations of danger that are created by social wrong and passion. The problem is, how to distibute selfishness and set bad power in balance, so as to keep it safe in the maintenancoof order and justice. 'A very cheap, small thing it is to make out; navigation table, even though we go to the stars for our data; but to make out safe navigations for society, and steer the ark of liberty through the perilous seas of wrong and passion-this, alas: is an art that comes more sloply; and yet it comes! We shall have it by and by the world over.—Dr. Bushnell in Hours at Home.

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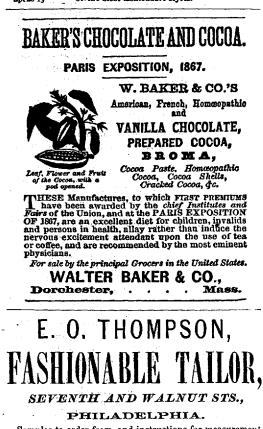
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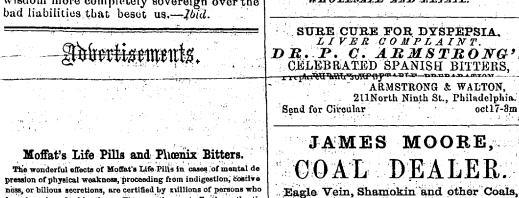
Probably never before in the whole history of medicine, has any Probably never before in the whole history of medicine, has any thing wou so widely and so deeply upon the confidence of mankine, as this excellent remedy for pulmonary complaints. Through a long series of years, and among most of the races of men it ha-risen nigher and high r in their estimation, as it has become let-ter known. Its uniform character and power to cure the various affections of the lungs and throat, have made it known as a reliable protector against them. While adapted to milder forms of disease and to young children, it is at the same time the most offectual re-medy that can be given for inciplent consumption, and the dau-gerous affections of the throat and lungs. As a provision against udden attacks of Choop, it should be kept on hand in every family, and indeed as all are subject to colds and coughs, all should im-provided with this antido's for them. Although settled CONSUMPTION is thought incurable, still great numbers of cuses where the disease seemed settled, have been com-pletely cured, and the putient restored to sound health by the CHARKEY PEGTORAL. So complete is its mastery over the disorder-of the Lungs and Throat, that the most obtinate of them yield to it. When nothing else could reach them, under the CHEREY P: c-roralt they subside and disappear. SINGERS AND PUBLIC SPARKAS find great protection from it. ASTHMA is always relieved and often why hy cured by it.

15

FEAR AS A MOTIVE TO RIGHT SONDUCT.

And why should there be any so great jealousy of fear as a check to heedlessness and bad living, and as a cautionary motive to the consideration of duty? Is it weak to be alive and thoroughly attent to evils about our path? Who is more distinctively wise than the man who can be cautious enough to foresee dangers, provide a way of safety through them, and maintain, as it were, in this great sea of perils, a firmly balanced prudence? Who, in fact, do we all agree to consider more incurably dultish ward because it has struck him? What is fear in this view, but one of the best functions of intelligence? And when we take note of the fact that every human being is organized for the apprehension of danger and pain, the whole skin woven through prised of damage from exposures to fire, and frost and violence; the eye made quick to apprehend and shut its gates against every sort of invasion; the very fingers'ends reticulated with nerves of touch, to make them sensitive to the approaches of pain-when, I say, we note this tempering of the whole body to a mood of precaution,

or of quickened sensibility to danger, shall we take it as the Creator's plan to make us weak, organize it into weakness, humble us to a pititul, dejected way of living under the sway of fear? Exactly contrary to this, he is making us quick to fear, that he may put us on our intelligence; train us to a nobler and more capable prudence; lift us into a wisdom more completely sovereign over the



contents of privar vaults for the trouble of learing them out, and perhaps even be paid or doing it. Then, too, there is probably a prewery, paper-mill, tannery, or some simiar establishment near, in the wastes of which you may strike a mine. The first and last have each peculiarly fertilizing wastes which must be used with care. Make riends with the butcher for blood and offal seless to him, and so before you buy much uano, exhaust home resources.

BRINGING UP SANDY LAND.

You say your sandy land has a red clay ubsoil. The means of renovation are then close at hand, provided you can touch the fore the tremendous forces of the creation clay with the plow. All you have to do is to bring it up and mingle it with the sur- means of it he actually takes them into serface. If the clay lies too deep, then try vice. And in doing it he is often moved by green manures. Sow rye now and plow it the stimulation of danger, going directly under in the spring, then sow Indian corn into the chambers where the danger lurks, and plow that under after about three months. If you cannot trust corn after the ryo, sow most striking contrivances, combinations, uckwheat. Lime alone would probably be of little or no benefit, unless the clay comes

SHORT-HORNS HOMEWARD BOUND.

Eight of these animals, from the herd of ames O. Sheldon, of Geneva, N. Y., were ecently shipped from this port to England. ohn Bull cannot resist the temptation of ne cattle even in America. Third Duke of eneva, who heads the list, will be heard om across the water.

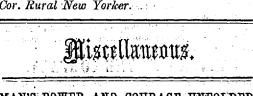
HOW TO GET RID OF BRIARS.

Blackberry bushes, both the high and the riars, are, when young, very palatable to ice, and if they are cut close in the winnd woody, a single season will nearly eraicate them. This will 1 ot do upon very et land, for the sheep will not thrive. On esorted to in addition to the winter or pring cutting.

VALUE OF BONES.

Ground bones are worth about \$40 a ton. be uncrushed article bears various prices. hin bones and some other pieces are used | find where he is, or by what course to reach the arts, and bring high prices. Such as his home. By and by it is discovered, by re thrown out from the kitchen bring what explorative genius groping far away among e boys can get for them. We have paid the stars, that by angle and distance, and wenty-five cents a barrel for a great many calculated tables and observations, the ranarrels, delivered at the barn, and should dom ship that was, can find her place at ave considered them cheap at twice the almost any time, within a mile, and set rice. We would rather pay \$10 a ton for her course with reliable precision, for any bones than be without them. They country or harbor on the globe The sea

e indispensable in planting fruit trees in again he finds a yawning gulf between him of for all crops. A pile of them should mind, as the fish cannot with their fins, again he fish cannot with their fins, bod for all crops. A pile of them should mind, as the fish cannot with their fins, bod for all crops. A pile of them should mind, as the fish cannot with their fins, bod for all crops. A pile of them should mind, as the fish cannot with their fins, bod for all crops. A pile of them should mind, as the fish cannot with their fins, bod for all crops. A pile of them should mind, as the fish cannot with their fins, bod for all crops. A pile of them should mind, as the fish cannot with their fins, bod for all crops. A pile of them should mind, as the fish cannot with their fins, bod for all crops.



This may be new to some,-but it is true.-

MAN'S POWER AND COURAGE UNFOLDED BY GOD'S APPOINTMENT OF DANGER.

About the highest exhibition of power obtained or obtainable by man, is discovered in the command or sovereign mind-grapple he learns how to maintain over causes infinitely above him, as respects their physical

efficiency. He is not only not cowed beof God, but he steals their secret, and by and working in close precinct with it. His tools, machines, operations, discoveries, are ways found out by his intelligence for keep-

ing at bay, or reducing to subserviency, for ces that would otherwise crush him. As he must go mining underground, in halls that are filled with combustible, explosive gas, he learns by a little experiment how to fence about his light with a fine wire gauze, when he has a safety-lamp that commands the gas to be harmless; and walking there underground, through the valley of the shadow of death, with it in hand he fears no evil.

Beset by a dreadful plague, that breathes infection round him year by year, carrying inning kinds, wild rose bushes, and other off a third part of the world's children, he learns to steal a poison from one of his domesticated animals, and, vaccinated with a or in the spring, and sheep are turned touch of this, he goes, and lets them go, dih to the land before the thorns become stiff rectly into the bad exposure, doing it as securiely as if the plague-infection were wholly at his bidding. The wild, half-de-moniacal terrors of alchemy attract his nch ground mowing in August must be search instead of repulling it, and chemistry is the result. The sea is a terrible devour ing element, and the mariner goes coasting cautiously along the frightful shores for

long ages, fearing not only the rocks and winds, but vastly more that he shall wander into unknown regions, and be never able to

have been benefited by them. They are the most effective cathartic and purifier ever before the public, and have been in use ever since 1825. They are cheap, safe and reliable. Sold by all respectable dealers everywhere.

ু ও ৬ ৬ ৬ ৫৫**৫৫** । এই ব্যক্তি এই ৬৬ ৫ ৫৫৫ টা বিবাদ বিধায় ৬ ৫৫৫ 化化物理学研究 化化物合物 化合物合物

CLIMAX.

A plain statement of facts. I inherited Scrofula, and many of my relations have died of it. In 1839 my case was frightful. Tu-mors and ulcers spread until in 1842, under the advice of my physicians I went to Avon Springs. I received no benefit-tried every medicine and did every thing I could. I had to rest my arm on a cushion, and had not been able to raise it to my head for over a year. The discharge from two ulcers was nearly a pint a day. Amputation was recommended; but pronounced dangerous. I could not sleep, and my sufferings were intolerable. A friend brought me an English physician who applied a salve, with which he said he had accomplished extraordinary cures in the hospitals in Eugland. It commenced to relieve: I persisted in its use, at finally effected a perfect and entire cure. It is now 1848: It is five years since I had the appearance of a scrotulous sore, and my health has been good ever since. I procured the recipe of this wonderful ar ticle-this blessing of humanity-and have called it "PAGE'S CLI-MAX SALVE," and allow the public to use it or not as they choose, This is a brief but candid statement, given more fully in my circu J. M. PAGE. lar.

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means of the Elliptic Hook: and we therefore and PRENUM, as the BEST FAMILY SEWING-MACHINE, and also, for the above reasons, the First PRENUM as the BEST DOUBLE THREAD SEVING-MACHINE." C. R. P. TERS, HEATOR MOFFATT, Committee. Agents wanted wherever not already established. Send for cir cular to **KEEN & WALMSLEY**, General Agents for Elliptic Sewing Machine Co., For Pennsylvania, Delaware and New Jorsey. may2-1y 920 Arch Street, Philadelphia.

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