merican wife drive out in Wasning ton they attract no little attention. They drive in a handsomely appointed Victoria, and the men on the box are in light liveries, with brilliant scarlet cockades in their hats. The duke is very fair and the duchess a decided brunette, and they make a handsome

Among applicants for shelter at the city lodging house in New York the other night was one woman over years old, who was clothed entirely in newspapers. In some places the paper was two inches thick.

A New Sea Port. There is a lusty young city growing up down in Texas which is attracting widespread attention. It is La Porte, located at the head of Galveston Bay. It is being made the great seaport of the Gulf of Mexico, the meeting place of rail and water ways for the vast commerce of the west. The saving to western shippers via this export outlet will run into millions annually. The city has the most magnificent natural port on the southern coast of the United States and one of the best in the world. The U. S. government is completing a deep water channel through the bay to the gulf, which will soon bring the largest ocean liners to La Porte docks and wharfs.

The burden of some people's conversation is pretty hard for others to

Important to Mothers. Ex mine carefully every bottle of CASTORIA, a safe and sure remedy for infants and children.

in Use For Over 30 Years, The Kind You Have Always Bought A church without a scandal would have to be without a choir.

Try Magnetic Starch-it will last longer than any other. In life's battle one must either be

a struggler or a straggler. How's This?

... We offer One Hundred Dollars reward for any eare of Catarrh that cannot be cured by Hall's F. J. CHENEY & CO., Props., Toledo, O. We, the undersigned, have known F. J. Chency for the last 15 years and believe him perfectly honorable in all business transactions and financially able to carry out any obligations made by their firm.

West & Truax. Wholesale Druggists, Toledo, O.: Walding, Kinnan & Marvin, Wholesale Druggists, Toledo, Ohio.

Hall's Outarrh Cure is taken internally, actoring directly upon the blood and mucous surfaces. ing directly upon the blood and mucous surfaces of the system. Testimonials sent free. Price is per bottle. Sold by all druggists.

Hall's Family Pills are the best.

Sometimes it is very difficult to see through and interview.

If you have not tried Magnetic Starch Simple life is not unimpaired by

#### AN APPEAL TO HUMANITY GENERALLY.

We need your assistance in announcing to the world the greatest remedy that Science has ever produced, and you need our assistance to secure relief for yourself and friends through Swanson's "5-DROPS."

A REMEDY SUPREME. As surely as the American Navy has conquered and will conquer all that opposes it, so will "5-DROPS" unfailingly conquer all disease like Rheumatism, Sciatica, Neuralgia, Kidney Troubles, Lumbago, Catarrh of all kinds, Asthma, Dyspepsia, Backache, Sleeplessness, Nervousness, Heart-Weakness, Toothache, Earache, Creeping Numbness, Bronchitis, etc., or any disease for which we recommend it. "5-DROPS" is the name and the dose. Trial bottles 25c. Large bottles, consuffer pain and agony when for such small amount you can obtain the relief for which you have been so long waiting? Don't wait! Write now, and the Swanson Rheumatic Cure Co., 164 Lake St., Chicago, Ill., will immediately give your order attention.

Your clothes will not crack if you use Magnetic Starch.

The Health and Pleasure Resorts Of Texas, Mexico, Arizona and California are quickly and comfortably reached via the Southern Pacific Company's Sunset Route. Daily through service from New Orleans to San Francisco via Houston, San Antonio, El Paso and Los Angeles. Special semi-weekly service, Sunset Limited from New Orleans Mondays and Thursdays, composed of Buffet Smoking Car, containing Bath Room and Barber Shop, Drawing Room Compartment Car, regular Pullman Sleepers, and Dining Car (meals a la carte), all of the latest design and most luxuriously appointed. Direct connections made at New Orleans from all points North and East, Detailed information cheerfully furnished by W. G. Neimyer, G. W. A., So. Pac. Co., 238 Clark St., Chicago; W. H. Connor, Com'l Agt., Chamber Commerce Bldg., Cincinnati, O., W. J. Berg, Trav. Pass. Agt., 220 Ellicott Square, Buffalo,

The purse is a poor place to keep

Piso's Cure for Consumption is the best of all cough cures.—George W. Lotz, Fabucher, La., August 26, 1895.

The way to scandalize is to tell

## "A Miss is As

Miness does not mean death's door. It is complete figure of a man than he is life filled with nameless pains and suffering. In 90% of cases the blood is to blame. Hood's Sarsaparilla is Nature's corrective for disorders of the blood. Remember

country.

based solely upon his native shrewd-

ness. In the West Tennessee expedi-

tion, in 1862, with a small brigade of

then permitted to escape, and as For-

rest intended, made their way to the

nearest Federal commander and in-

formed him of the great strength of

the Confederate force, the soldiers of

which made no secret of their inten-

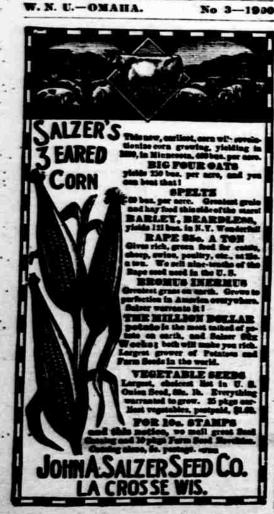
tion permanently to occupy and hold

that section of the country. The pres-

ence of Cheatham's division of infantry

is repeatedly mentioned in the official

Hoods Sarsabarilla Never Disappo



#### When the Spanish minister and his CAMPFIRE SKETCHES.

GOOD SHORT STORIES FOR THE stratagem caused Gen. Grant to detach VETERANS.

Americans Best Soldiers-With Us There Is No Question of Degenerate Class-Frightened the Darky-Not in the Tactics-Australian Volunteers.

Put Up the Sword. have sung of the soldier's glory As I never shall sing again; have gazed on the shambles gory, I have smelled of the slaughter-pen. There is blood in the ink-well clotted

There are stains on the laurel-leaf, And the pages of Fame are blotted With the tears of a needless grief. The bird is slaughtered for fashion

And the beast is killed for sport; And never the word compassi Is whispered at Moloch's court. For the parent seal in the water

Is slain, and her child must die, That some sister or wife or daughter Her beauty may beautify. And the merciful thought we smother For such is the way of man-

As we murder the useless mother

For the "unborn astrakhan." But a season of rest comes never For the rarest sport of all; Will His patience endure forever, Who noteth a sparrow's fall?

When the volleys of hell are sweeping The sea and the battle plain, Do you think that our God is sleeping. And never to wake again?

When hunger and ravenous fever Are slaying the wasted frame, Shall we worship the red deceiver, The devil that men call Fame? We may swing the censor to cover

The odor of blood-in vain; God asks us, over and over, "Where is thy brother, Cain?" -James Jeffrey Roche, in December

Americans Best Soldiers. We know, of course, that the raw recruit is a far different individual from that person after he has gone through the ministrations of the drill sergeant, says the Philadelphia Telegraph. The army officer is apt, indeed, to tell us that drill is everything, that the native material and the disciplined soldier have not a single point in common. Still, some vital statistics, as we may call them, are, in spite of the opinions of officers, of practical concern in this question, such considerations as height, weight, organic soundness and freedom from the alcoholic habit. Some significant comment on these and allied matters was made at the United States institution in London recently by Lieut.-Col. Douglas, brigade surgeon. He spoke of the recruit from a depot medical officer's shoulder. At the same time he pressed try it now. You will then use no other. point of view, and his remarks, as re- his finger on the trigger as he had been ported in the Times, gives the English people something to think about. It has been generally admitted for some time that the British soldier is a much less perfect physical creature been left for Col. Douglas to indicate clearly how he has retrograded. As a fact, the English private of the pe-

Pittsburg News. riod is deficient in stature and in weight, as compared with the men who fought under Wellington, and even Gen. Nicolls of New Orleans sacriwith the fighting men nearer our own ficed an eye, a leg and an arm to the day. The British armies of other times cause which he believed just, and came contained many blackguards, no out of the war, as he declared, "only doubt, but not so many degenerates. It is a vital consideration. Discipline can make of the blackguard a good many for army use, but it can do little cessfully that nobody who was ignorfor the degenerate. The men who are ant of his misfortunes could detect it. driven into the ranks in these days The general often told the following take the step mainly from hunger: story: Stopping at a hotel in Mobile, they are mostly artisans, undersized a negro boy was detailed to help him and so devitalized by a long course of prepare for bed. After his bag was untaining 300 doses, \$1.00 prepaid by mail | insufficient food and absolute neglect or express. Six bottles for \$5.00. Why of sanitary living, that all the drill packed, and his coat laid aside, he said: "Now, Sam, take off my leg." in the world cannot make them sol-Sam started speechless. "Don't know diers of the first class. We give the opinion of an Englishman who ought yet how to take off legs, eh? Now, to know. The blackguard was more look here!" He unscrewed the leg, to be desired than the degenerate. With his long black stocking, laid it aside. all this, the English private soldier outclasses his brother of the continent. "Now, take off this arm." "No, sah! The French, German and Russian solno sah! Neber took off no gentlum's diers are even inferior to those of Engahm in my life!" gasped Sam, turning gray with terror. "You're a pretty land. Compulsory military service accounts for this. While there is some valet. Nothing easier." The arm was pretense of sifting the drawings from taken off and laid beside the leg on the the insatiate net, the demand for even table, and the general prepared for greater and greater armies is so press- sleep and got into bed. "Oh, by the ing that multitudes of men pass the way, we'd better take an eye out!" examiners who never should be al- He took it out. Sam backed to the lowed to do so. In marked contrast door, afraid to turn his back on the stand the men who make up the sleepily, and then said: "Now, Sam,

because we need fewer of them, and de debbil heself, sah! He's taken hisbecause among those applying for en- | self to pieces in room fohty-eight!"listment more are rejected than are ac- | Exchange. cepted. It is made a kind of favor to get into the army, and only the best Australian Volunteer. men offering get the chance. This is At a recent Australian military re not from any unjust selection, but only view the commanding officer of a large through living up to the letter of the volunteer infantry regiment was unstrict regulations. This material is reexpectedly absent, and the onus of moved from the moral dregs of Eumarching the men past fell upon the ropean society, and is very superior second in command, a heavy, stolidphysically. Bodily measurements taklooking trader, who knew nothing of en of several thousand young Ameridrill. Ere he had time to hunt up the cans between the ages recognized in adjutant for instructions, a general's recruiting showed an average weight aid-de-camp galloped up with orders of 156 pounds, a height of 5 feet 814 to march. "Um! Yes, of course," said inches, girth of chest 34 1-3 inches. Average results of British recruits in the amateur warrior, gazing leisurely around. "Beautiful day, isn't it? Have a great number of examinations were: Weight, 126 pounds; height, 5 feet 51/2 a cigar?" The aid-de-camp replied that inches, chest measurement, 331/2 inches. he thought the general would be very Col. Douglas said that within his reangry if the regiment didn't move off membrance recruiting sergeants would at once. "Of course-of course!" calmhave "laughed" at the British recruits ly said the heavy fire-eater; "fine body of today. On the contrary, the Ameri- of men, these" (waving his arm If you are not entirely well, you are ill. can soldier has never been a more around). "Won't move off for anyone but me, you know-er-try 'em." The a sense of weariness, a "tired feeling" a at present. In all respects he towers aid smilingly told the trumpeter to above the fighting man of every other sound the march, and the regiment of course moved off. "Good!" said the volunteer warrior, admiringly. "You can't stop 'em, though." The aid mo-There is much in the strategy of war tioned to the trumpeter, who sounded "halt!" and the men immediately that is not set down in any book of stopped. "My!" said the ponderous oftactics or evolutions. Gen. N. B. For-

American regiments. With us it is take off my head!" Sam rushed out

to question of a degenerate class. Our of the room to the office, and could

soldiers are picked men. They are so only find strength to gasp out: "It's

rest, as his biographer relates, once ficer, with genuine admiration. "My, made good use of a military artifice sir, you're a clever man!"-San Francisco Post. An Island of Sulphur. In the Bay of Plenty, New Zealand, new levies, the first thing Forrest did is one of the most extraordinary iswhen well in the country occupied by lands in the world. It is called White the Federals was to arrest a number of island, and consists mainly of sul-Union sympathizers, and place them phur mixed with gypsum and a few under guard within the limits of his other minerals. Over the island, which camp. He had a good number of is about three miles in circumference, drums with him, and these he caused and which rises between 800 and 900 to be beaten at all hours of the day and fee above the sea, floats continually an night; and having dismounted his immense cloud of vapor attaining an troopers he made them march on foot elevation of 10,000 feet. In the center in sight of the prisoners, who were is a boiling lake of acid-charged water. given to understand that it was Cheat- covering 50 acres, and surrounded with ham's division of infantry passing by. blow-holes from which steam and sul-When the men on foot had disappeared phurous fumes are emitted with great behind a dense wood, they were made force and noise. With care a boat can to return by another route, mount be navigated on the lake. The sultheir horses, and again file by, as cav- phur from White island is very pure, alry, over the road along which they but little effort has yet been made had just paraded. The captives were to procure it systematically.

Time's Changes. From Town Topics: Upson Downes -"There was a time when the height of my ambition was to own a diamond to wear in my shirt front." Pupson Downes-"And now?" Upson Downes -"I am satisfied to own a shirt."

The water buffalo is the Philippines' dispatches of the Union commanders | beast of burden.

at this time, and while Forrest did not FARM AND GARDEN.

MATTERS OF INTEREST TO twenty-five thousand men to drive him AGRICULTURISTS.

have more than three thousand sol-

diers in his little army of invasion, his

Col. Bell Is a Cool One.

of the biggest soldiers in the United

States army. He used to be stationed

ton. Because of his height, 6 feet 4

inches, he is known in the service as

Little Jamie Bell. He is a broad-

shouldered fellow without an ounce of

pistol. On the command "fire" the pis-

tol is thrown forward toward the ob-

for the new man to learn. The im-

pulse is, when throwing the pistol to

the perpendicular, to press both with

the thumb on the hammer and the first

finger on the trigger. In Bell's troop

of the Sixth cavalry there was a par-

ticular dolt who could not master this.

As often as he threw his pistol into the

upright position the bullet would go

skyward and it was empty when the

command was given to fire. Bell was

taking pains with the men, and espe-

cially with this soldier. He laborious-

ly showed the man how to do the trick.

The fellow fired into the air. At last

Bell got behind him and told him to go

slow and think as he went through

the motions. On the command the sol-

dier threw his gun muzzle upward,

and probably through stage fright at

having the captain immediately be-

hird him, shoved the pistol a little

too far and the muzzle was over his

warned not to do, and the big 45 bullet

have to put you in the guardhouse."-

Frightened the Darkey.

across the Tennessee.

Some Up-to-Date Hints About Cultivation of the Soll and Yields Col. James Bell, the man who is Thereof-Horticulture, Viticulture and just now so much in the public eye Floriculture. because he is close to the heels of Aguinaldo in northern Luzon, is one

The Grain Farmer and Sheep Fooder.

at Fort Meyer, Va., and is known to many Pittsburghers who have been in the habit of taking trips to Washingor our tarmers, that of the small numa large percentage is shipped east in cut down and burn infested trees. This spare flesh on him. He is the coolest man in an emergency that ever wore same time hundreds of thousands of bushels of grain are annually sold at spurs, and the troopers who have served under him swear by him, and it a price that entails an actual loss to takes a good man to have the buck the producer. In the past, and to a soldier as a worshiper. Bell, when he large extent at present, our cheap range sheep and our cheap grains are was a captain, used to take great delight in having the men of his troop freighted east at great expense and good shots. That is another thing there fed at a handsome profit. We which shows the good officer. Teach- are glad to note, however, that some ing recruits revolver practice is rather of the more progressive farmers in this young trees, but old trees will not be take years to plat the states and tera tedious job. The reason is that the state are availing themselves of these injured. new man has difficulty in training his favorable conditions and are thereby fingers to obey his will. In revolver realizing handsome profits. We would shooting, by numbers, which is the not be understood as advising all sheep first step in the drill, the young soldier | men to go to raising grain, nor that throws the pistol upward until the all grain farmers should go into the muzzle points to the sky. Simultane- sheep business. Neither do we believe ously he uses his thumb to cock the that all the successful sheep-raisers are fitted by taste, experience, environment or business ability to become ject, and the first finger, which is successful feeders. But we do believe curled around the trigger, is used to that many of them are so fitted and that there are a sufficient number of fire with. This is always a hard thing such in every neighborhood to "feed to a finish" not only as many sheep as are now produced annually, but enough more to consume all of the coarse grains and fodder produced. We believe that all coarse grains and fodder produced should be fed within our state, and that no "feeders" should be shipped out until all such foodstuffs are consumed. We believe that the farmers and the sheep men are "too far apart," not only geographically, but also in their way of looking at this important problem. Geographically they might be brought much closer together if all the rough, stony hilly or unoccupied lands, of which every country has more or less, were utilized for sheep ranges. On many farms both grain farming and sheep raising can be profitably conducted, but when this does not

seem advisable the two industries can be carried on upon closely adjoining lands, with mutual profit to both the farmer and the sheep man. If the grain farmer would take into considwhizzed past Bell's head, taking the eration the value he would derive from button on the side of his cap with it. having a sheep man for a neighbor, Everybody thought the captain had who would buy and consume his surbeen shot. That officer stood immov- plus grain product and also render than he was in other days, but it has able, and in the calmest voice said to him an even greater service by keepthe soldier: "If you do that again I'll | ing the stubble lands, fallow fields and waste places free from weeds; and if the sheep man would appreciate the advantage of being able to buy cheap grain of his neighbor in order to finish his sheep, we believe they would find it mutually beneficial. In order to aid in bringing about this order of things a series of feeding experiments was half a man." But the half that was left | begun during the past season, and it

enjoyed a joke as keenly as ever. Sci- is hoped that the work may be conence replaced the lost members so suc- | tinued for some years to come. Milk Preservatives The Vermont Experiment Station sends out the following warning: Look out for the man with the patent milk preservative. There are various agents now abroad in the land selling "Freezene." "No-ice-needed Preservative," "Liquid Milk Sweet," and several such nostrums intended incidentally to keep milk from souring, and keeping it carefully covered with and primarily to gather in the farmer's loose change. In all those several cases which have been reported to the Vermont Experiment Station, the chemical basis of the preservative is the same. It is formaldehyde-formalin-a powerful disinfectant and germicide, but not a desirable article of diet for the human species. It is not strictly and seriously poisonous, but it is held by all the best authorities to be harmful to the digestive system. It is the same material now largely with these various classes of recruits | terrible guest, who stretched himself | in use in the creameries for preserving samples of milk for testing. It will certainly keep milk from souring; and it thus enables the slovenly dairyman to cover up many of his worst negligencies. It leaves him free to enjoy the filth of an unclean stable, to save himself the trouble of cleaning his cans to be as loose and lazy and wicked as he pleases. This is not to say that the man who uses Preservative. Freezene and the like is necessarily that sort of a fellow; but these chemicals do protect him from the results of negligence and ignorance, and seem, to the unprejudiced observer, to offer the careless milkman an undeserved salvation from his sins.

A Destructive Birch Tree Borer. In a report of the Division of En-



Pro 16 .- Work of April's sarius on trust of white birth bark remo ing the birch tree borer, Agrilus anxius, says it was noticed that the birch trees in Buffalo were being destroyed, and an investigation showed that the above named borer was tunneling under the bark of the trees. The belief is expressed that unless something is done at once to stop the ravages of this borer, all the birch trees in the city will be destroyed. One of our cuts herewith given shows the work of this borer. The galleries run so closely together and

dividual burrow. Injury can be detected in the trunk by a reddish discoloration from onequarter of an inch to one inch in width, this being caused by the exudation of sap and the ejectment of excrement. Another indication of the insect's presence is the dying of the to attack the tree at first among the height, causing the tree to die at the gerous adulterant of other phosphates. top, while the remaining lower branches keep green. Its presence is

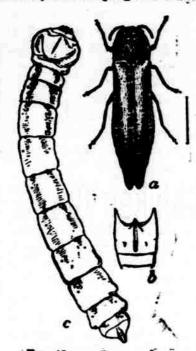
appearance of the bark, which shows more or less regular spiral ridges on the smaller branches,

The larva, as a rule, enters the wood

in the fall of the year and there con-

it passes its ultimate transformations in late spring or early summer. Within this cell the larva passes the winter. We illustrate the mature and larval form of the insect. The beetle is bronze in color. There are only two A bulletin of the South Dakota Exmethods of control known at presperiment Station says: It is a de- ent. One is to use such clean plorable fact, and one that does not cultural methods that the insects will speak well for the enterprise or in- find no harboring places. Prof. Chittelligence of either our sheep-raisers | tenden believes that the trees cannot be saved after being once attacked, and ber of sheep which are annually raised that the only safe thing to do is to an "unfinished" condition. At the work should be done before the beetles emerge in May and June. Unattacked trees may be protected by using various mixtures as washes, among them being a mixture of linseed oil and resin. Some have even recommended whitewash poisoned with a small quantity of some arsenite such as arapplication of strong arsenites to

> A measure of utmost value for the protection of trees from the attacks of best possible condition, free from



Fio. 17 .- Agrilus anziger & female beetle; b, first abdominal segments of male from below, c, larva from above-all calarged about 3 times (original)

clean as possible. In some cases th use of a fertilizer might assist the trees to withstand borer attacks.

Turkestan Alfalfa. Turkestan alfalfa promises to become one of our most important plants, as it seems specially adapted to stand great variations of heat and cold. The first importations were brought to this country by a special agent of the Department of Agriculture, who followed the northward growth of alfalfa in Asia till he reached lands where it was every winter subject to cold as severe as 40 degrees below zero. As the same country is subject to intense drouth, it follows that this plant must have rare staying powers to endure such changes. The variety of alfalfa now being grown in this country (lucerne) came originally from Central Asia, having been first heard of in Media. It was taken to Greece in the times of Darius and was afterward cultivated along Romans, French and Spanish. Thus for at least 2,000 years before being imported into this country it was grown in warm countries and has largely become a warm country plant. Very likely in its origin it occupied a region south of that now called Turkestan alfalfa. This would account for its freezing out so badly last winter in Kansas, Nebraska, Colorado and Wyoming. One year's experience with Turkestan alfalfa indicates great hardiness. Last winter was one of the coldest ones we have ever experienced, but Turkestan alfalfa was uinjured in the very states where lucerne froze out badly. At the Wyoming Experiment Station a plat of Turkestan alfalfa was exposed for two weeks without injury to a daily temperature of 35 degrees below zero, and on some of the days the temperature went as low as 45 degrees below. In California it was subjected without damage to a drouth that seriously injured ordinary alfalfa.

been pulled out; for the root systems would have been so deep that the hold of the soil would have been complete. Permitting the top of the grass plant to be kept always short results inevitably in shortening the grass roots. The latter finally become shortened till little more than the base of the plant remains in the soil, and in that condition the plant is easily pulled out by any grazing animal that comes along. Not only are these plants pulled out by animals but the frost is constantly heaving them out, which would not be possible with well developed grasses. The American farmer needs to be impressed with the necessity of protecting his grass land:. Keep the pastures in good shape and it will not be necessary to pasture them. The short conditions of the pastures is what too often influences the farmer to turn the stock into his meadows. Under a proper system our pastures would produce four times the amount of forage they do at the present time. Thus on many of our pastures the feed per acre for the entire feeding season would not equal half a ton if dried. The full crop obtained from the feeding ground should equal two tons, if dried. It appears plain that the grazing problem is one of the most serious of all the problems confronting us.

Agricultural Notes.

the ranges the grasses would not have

With a proper amount of stock on

Storing Potatoes. - The following plan for preventing them from sprouting in spring will be found useful when many are placed in the cellar for family use; it destroys the eyes or buds, after which they never start, consequently the tubers do not become shriveled and tough: Before placing them in the cellar leave the tubers for an hour in a solution of sulphuric acid, about one and one-fourth pints to twenty-five gallons of water, the whole being thoroughly mixed; after cross and recross in such confusion removing from this bath they should that it is impossible to trace any inbe spread out to dry, then placed in barrels. The solution also prevents decay. Such potatoes will never grow under any circumstances, so those intended for planting should not be so reated.-Ex.

Iron and alumina (Redonda) phosnhate in its raw or natural condition trees at their tops. The insect appears even when finely ground, is generally considered of little agricultural value. larger branches at a considerable and is looked upon in Europe as a dan-

Clover hay is the great standard of also manifested by the uneven, wavy rough feed for the dairy cow.

Soil Surveys. A new department is being very gradually added to some of our experiment stations, that of soil surveys. We have long felt the need of knowing more about the soils of our farms. For structs a cavity, which probably serves the purpose of a pupal cell, in which some years the eyes of scientists have been on Maryland, where this work has been carried on more extensively perhaps than in any other state. All the soil of the state has been mapped, showing just what kind of soil is found in each township. To do good work in farming it is absolutely necessary to find out what is already in the soil. Our farmers hitherto have had to take their farms as unknown quantities. They have been limited in their knowledge of the soils, even when the owners have been graduates of agricultural colleges. It was comparatively easy to say that such a soil is sandy, or clayey, but that meant but little. Its composition other than the sand or clay could be determined only by experience with numerous crops This necessary experimentation has proved very costly to the people that have been forced to carry it on. It is senite of lead. There is danger in the a good thing that science has taken it up. The work is so vast that it will ritories, but we expect to see the work carried on steadily. In a few years hence it may be easy for a man, inborers consists in keeping them in the | tending to invest in agricultural lands, to sit down and study out from these fungi, moss, or abnormal growth, from | soil maps the question for himself, acloose bark, and keeping the trunks as cording to the crop he desires to raise. Such maps will contain many

surprises. They will show some of the now supposedly poor land to be of great value for certain crops, its value simply never before having been learned because the crops that would have done best were never planted. Every year much of our area of certain crops has been on land entirely unfitted to growing them. German Millet. This millet is called, also, Southern Millet, American Millet, Golden Millet,

Mammoth Millet, Bengal Grass, Dakota Millet. It grows to a height of four or five feet, and has heads that are 6 to 8 inches long and an inch wide. This variety has been in general cultivation in the South since the early seventies, but was introduced into the United States many years earlier. Prof. Crozier regards the East Indies as the most probable source of its introduction into the United States. and remarks that the name "Bengal Grass," by which it was first known in this country, suggests such an origin. Flint, on the contrary, makes the statement that it was first brought to the United States from Europe. Howseed used in Tennessee, where this variety first came into real prominence, was brought from France in the early sixties, and since that time has been the leading millet sown in the South. German millet makes a heavy yield of forage under favorable conditions, but does not stand drouth as well as the smaller varieties, such as common millet and Hungarian. The hay is coarser and less highly valued than that from the smaller millets, but when the forage can be fed in the green state this will be found to be an excellent variety

to grow, on account of the heavy yield. German millet is the latest of the varieties commonly grown here, and is exceedingly variable in its appearance and habit of growth. It is very seldom that one sees a field that is uniform in character. Many, perhaps most, of the heads may be typical of the shores of the Mediterranean by the | the variety, but usually there will be many others scarcely to be distin-



guished from common millet or other standard varieties.

A Street Horse Parade It is sincerely to be hoped that in connection with the National Horse Show which will in all probability be held in conjunction with the great show of breeding and fat cattle, sheep and swine at Chicago in 1990 a street horse parade will be made a leading

feature of the event People open their eyes in wonder when they behold the great draft breeding horses and mares at the horse shows and seem to view them in the light of curiosities rather than from the standpoint of utility. What breeders want and need in addition to astonishing the public by the appear- Chicago. ance of their show-fitted stallions and mares is to show the utilitarian, practical side of their horse-breeding operations, and for this a street parade of working draft horses is absolutely

necessarv The idea is by no means new, as it has long been established in practice abroad and to a small degree here It contemplates a show of draft, geldings and mares of the different breeds and grades by city merchants and others. It would bring out the practical results and improvement attained by the use of pedigreed draft sires among the mares of the country. It would show the geldings and mares in harness-and a draft horse of any breed or grade never looks quite so well as he does in harness and at work -hitched single, double, three-abreast or four-in-hand. It would also create wholesome rivalry among the great 'consumers" of graft horses to own and show the best horses in the best condition and harnesses to the most attractive wagons and trucks.

If such a show should be arranged there would be little difficulty in providing the premium money, and it could be confidently expected that the various horse-breeding associations interested would arrange to provide speial premiums or medals for winning lorses of their respective breeds.

We hope that breeders will see to it hat this idea is not lost sight of, and hat a great street horse parade will se the result.

A correspondent of the London Times, who claims exceptional opportunities for knowing, leaves nothing whatever of virtue or intelligence to the Boers. He says: "I know the Boers, root and branch, stock, lock and barrel . . . and with all this knowledge of them my estimation is that they are the craftiest, most hypocritical, most dishonest, most untruthful, cruelest, most ignorant, most overbearing, most immoral and stupidest race of white people in the world."

Every woman who is in love, unless she is enough that way, becomes an amateur detective.

Hall Caine has taken a magnificent flat in Rome and intends passing the winter there. There have been indications for some time past that he is making a close study of the condition of Roman life, with a view to reproducing it in a novel.

There is a Class of People Who are injured by the use of coffee. Recently there has been placed in all the grocery stores a new preparation called GRAIN-O, made of pure grains, that takes the place of coffee. The most delicate stomach receives it without distress, and but few can tell it from coffee. It does not cost over one-fourth as much. Children may drink it with great benefit. 15 cents and 25 cents per package. Try it. Ask for GRAIN-O.

He is deaf indeed to whom the grave as not spoken words unforgotten.

falf Rates South via Omaha and S Louis and Wabash Routes. On the 1st and 3rd Tuesday of each month the above lines will sell homeseekers tickets to southern points for one fare (plus \$2.00) round trip.

WINTER TOURIST RATES now

on sale to Hot Springs, Ark., and all

the winter resorts at greatly RE-DUCED RATES. Remember the O. & St. L. and Wabash, the shortest and quickest route to St. Louis.

Remember the O. & St. L. and O., K. C. & E. is the shortest route to Quincy. Unexcelled service to Kansas City and the south.

For rates, sleeping car accommodation and all information can at the QUINCY ROUTE OFFICE, 1415 Farnam St. (Paxton Hotel block) or write Harry E. Moores, City Passenger and Ticket Agent, Omaha, Neb.

Blasted hopes often result from ex oloded theories. Reliable Help Wanted

(Either sex.) The Humanitarian Home and Sanitar-ium for Invalids and Health Seekers, incorporated. Send 12c in stamps for full information. Address J. H. Teitlebaum, Treasurer, East Las Vegas, N. M.

There are at least as many men in a man as there are ages in his life. Mrs. Winslow's Soothing Syrup. For children teething, softens the gums, reduces fammation, aliays pain, cures wind colic. 25c a bot

Non-resistance to injustice is noth The Largest in the World.

Walter Baker & Co. Ltd., Dorchester, Mass., are the largest Mfrs. of Cocoa and Chocolate in the world.

A policeman travels his beat and the hobo beats his travel. THE GRIP CURE THAT DOES CURE.

Laxative Bromo Quinine Tablets removes the cause that produces La Grippe. E. W. Grove's signature is on each box. 25c. Magnetic Starch is the very best

laundry starch in the world New Inventions.

In order to increase the life of the type in typewriters a Philadelphia inma ventor covers the same with a flexible sheathing.
To expeditiously turn the logs as they are being sawn into boards a Minnesota inveator has arranged a pivoted serrated sector which is steam operated and held adjustable adjacent to the log so that the log may be raised, lowered or turned so that any

thickness of board may be quickly sawn off. To prevent waste of water in flushing tanks a Massachusetts inventor provides an ordinary cock with a drip return pipe so that the water not actually used to operate the float is returned to the tank.

To prevent the explosion of gasoline in ordinary oil cans a Pittsburg inventor has provided the same with a safety attachment so that he now places upon the market a non-explosive In order to facilitate the transmis-

sion of coins and valuables through the mails a Massachusetts inventor provides an ordinary envelope with a detachable pocket which is removably secured within the envelope and covered by the gummed flap thereof. Parties desiring free information as to the best method of procuring patents or introducing new inventions should address Sues & Co., Patent Lawyers, Bee Bldg., Omaha, Neb.

For starching fine linen use Magnetic

Important Inventions Patents have been allowed upon applications prepared and prosecuted by us for interesting subjects as follows: To C. W. Cross, of Grinnell, for an auxiliary air heater adapted to be connected with a stove in such a manner that it will receive and direct the prolucts of combustion and aid in warming and circulating air in a room, as required to maintain a uniform temperature, by admitting cool air at its botom, heating it and discharging it at as top. An undivided half is assigned

to W. S. More of same place. To J. Morgan, of Atlantic for a plant planting machine adapted to be advanced across a field by horses to set out cabbage and tobacco plants in rows at regular distances apart. A boy on the machine hands plants in succession to automatic plant holders on a wheel and as the wheel revolves it places the plants in a furrow in advance of the wheel by a furrow opener and furrow closers immediately cover the roots and rollers pack the ground around the roots. An undivided half has been assigned to E. Whitney, of

THOMAS G. ORWIG & CO., Registered Patent Attorneys. Des Moines, Iowa, Dec. 27, 1899. Use Magnetic Starch-if has no equal.

Grief and hate at their height are

# MURDEROUS MICROBES

Breeding and Feeding in **Human Intestines.** 

A New Powerful Germ Destroyer Discovered-How Microbes Are Killed While You Sleep.

Millions of microbes, bacteria, pto-maines, disease-germs of every kind live and breed and feed in the stomach and bowels. For their propagation it is only neces-sary for the liver and intestines to become lazy and operate irregularly.

Modern science has been at work to find a means of killing microbes, and the most successful germ destroyer of all is Cascarets Candy Cathartic. They slaughter carets Candy Cathartic. They slaughter bacteria wherever they find them, are antiseptic, stop sour stomach, make the liver lively, the blood pure, the bowels regular, everything as it should be.

Go buy and try Cascarets to-day. It's what they do, not what we say they'll do, that proves their merit. All druggists, 10c, 25c, or 50c, or mailed for price. Send for booklet and free sample. Address, The Sterling Remedy Co., Chicago; Montreal, Can.; or New York.

This is the CASCARET tablet. Every tablet of the only

this is the CASCARET tab-let. Every tablet of the only genuine Cascarets bears the magic letters "C C C." Look at the tablet before you buy, and beware of frauds, imitaand beware of frauds, imita-tions and substitutes.

The Land of Bread and Button the title of a new illustrated pamph let just issued by the Chicago, Milwaukee & St. Paul Railway, relating mae especially to the land along the new line it is now building through Bon Homme and Charles Mix counties in South Dakota. It will be found very interesting reading. A copy will be mailed free on receipt of 2-cent stamp for postage. Address Geo. H. Heafford. General Passenger Agent, Chicago, Ill.

We kill ourselves with either work or idleness by our vices and pleasure; gorged or starved, our end is nearly always simple suicide.

### I am Past 80 and Not a Gray Hair

"I have used Ayer's Hair Vigor for a great many years, and although I am past eighty years of age, yet I have not a gray hair in my head." - Geo. Yellott, Towson, Md., Aug. 3, 1899.

### Have You Lost It?

We mean all that rich, dark color your hair used to have. But there is no need of mourning over it, for you can find it

Aver's Hair Vigor always restores color to gray hair. We know exactly what we are saying when we use that word always.

It makes the hair grow heavy and long, too; takes out every bit of dandruff, and stops falling of the hair. Keep it on your dressing table and use it every day. \$1.00 a bottle. All druggists.

Write the Doctor

f you do not obtain all the benefits you the Poctor about it. He will tell you just the right thing to do, and will send you his book on the Hair and Scalp if you request it. Address, Dr. J. C. Aver, Lowell, Mass.



### UI MINUII No Cooking It Stiffens the Coods It Whitens the Goods It Polishes the Coods It makes all garments fresh and

crisp as when first bought new. TRY A SAMPLE PACKAGE. You'll like it if you try it. You'll buy it if you try it. You'll use it if you try it.

Sold by all Grocers.

MOST PROSPEROUS CITY on the Gulf of Mexico possesses unexcelled NATURAL advantages hich coupled with the BACKING of wealthy and fluential men assures a brilliant future. The U. S. Government is now spending a large amount of money in Harbor improvements. La Porte is the natural scaport for the pro-ducts of the entire Middle, Northern and West-

era States and for Houston, the great railroad th. Write for FREE MAPS, DESCRIPTIVE LITERATURE and full particulars to AMERICAN LAND CO.,



188 Medison St.,

in Western Canada.

WHEAT, which brings the highest price in the markets of the world; thousands of cattle are attened for market without being fed grain, and without a day's shelter. Send for information and secure a free home in Western Canada Write the Superintendent of Immigration, Ottawa, or address the undersigned, who will mail you atlases, pamphlets, etc., free of cost. W. V. Bennett 80t N. Y. Life Building, Omaha, Neb.



Has the endorsement of the U. S. Government and all the Leading Railroads.

DR. ARNOLD'S COUGH CURES COUGHS AND COLOS.
PREVENTS CONSUMPTION.
All Druggiets, 25c. KILLER

Write CAPT. O'FARRELL, Pension Agent, 1425 New York Avenue, WASHINGTON, D. C.

ENSION Washington, D. C.

DROPSY NEW DISCOVERY; gives cases. Book of testimonials and 10 DAYS treatment cases. Book of testimonials and 10 DAYS' treatmers. DR. H. M. GREEN'S SONS, Box E, Atlanta, Ga. If affleted with Thompson's Eye Water.

Best Cough Syrup. Thates Good. Her