ployed on Steamships. "Keeping meats sweet and pure in a refrigerator by means of steam sounds a bit queer, doesn't it?" I was asked by George L. Cameron, superintend ent of a meat packing establishment, who continued in explanation without awaiting my answer. "Yet that is a method now in vogue on the big steamers which carry meats from this country and from Australia to Europe. Meat placed in refrigerators where the atmosphere is kept continually at an average temperature of from 36 to 40 degrees will remain fresh, but not entirely untainted for an indefinite per-

ind.

"I think the Australians solved the problem first. They worried over the matter for a long, long time, and adopted expedient after expedient, tried experiment after experiment, but all without contact the matter for a long long time, and adopted expedient after expedient, tried experiment after experiment, but all without contact the long in the Hawaiian islands. The cotton root in Texas prevailed to a greater extent than for many years, the loss being estimated at about \$2,000,000. all without avail, until some one thought of using steam to volatilize the gases which caused these annoy-ing conditions and draw them off. A wall behind him, where his old sabre was hanging, a bit of tri-color ribbon round the hilt. He took it down with the firm touch of a hand turned backward while listening, with no sign of nervousness.

"The truth, now, Annette! He has returned?"

She bent her head so that he could not see her face. Then she twisted herself from him with an unexpected suddenness, he voice breaking into a time of the bread of the meat drawn forth and every piece thoroughly tested, It was as fresh and throughly tested. It was as fresh and pure, without the slightest suggestion of bone odor or mold, as on the day it was packed. The gases had been volatilized by the steam, carried off by the wooden duct and the entire noxious condition purified by the brine tanks. With this aid to the refrigera-tion process, provided care be taken that the temperature never falls below freezing point, save occasionally, so that the meat will not become froz-en, meat may now be kept for years, and be perfectly fresh when taken forth for consumption."—St. Louis

QUAINT AND CURIOUS.

If cork is sunk to a depth of 200 fee

Nineteen million immigrants reached the United States in the 80 years ending with 1900.

The padge worn by the Lord Mayor of London is studded with diamonds to the value of \$600,000.

Considering their nutritive value potatoes are about twice as expensive as bread, and milk is even dearer.

Tamarisk timber 4000 years old has

English coal is used as far as poss ble on Japanese warships, because

A rifle bullet is traveling at its great est speed not as it leaves the muzzle, but at about ten feet in front of the

A toothbrush is to be provided for each of the children in the Hampstead to don a uniform you are not longer

A deposit of asphalt, estimated to "Do as I tell you," remonstrated his

capitals of provinces in the Dominion of Canada are named Regiva after the

out of the earth is that raised from one

The Americans and English.

A German professor says that over a large area of central Russia the magnetic needle does not point north or south. It is in one part deflected to e.e west, and at another part to the

principal injurious insects of 1902, says that the calendar year showed smaller losses than in many years. Certain ENEMIES TO PLANT LIFE. WORK OF THE VARIOUS BLIGHTS pests caused great injury in limited localities, and several new insect enemies of crops were discovered. The Mexican cotton boll weevil, which spread into Louisiana, is stamped as the most important insect pest of the present time. The San Jose scale and the codlin moth have engaged the attention of many economic workers, and there is a possibility of a lessening of damage in a few years. There were local outbreaks, usually not ex-tensive, of the Hessian fly, chinch bug and of grasshoppers or locusts, cut worms and army worms.

Root feeding species, such as white grubs, wire worms, root maggots and root lice, were rampant over a considerable territory. The cabbage and onion maggots were particularly destructive. The two cucumber beetles orchard scale insects in general, and a few similar pests, were normally troublesome. Bill bugs did a little damage, which is true of the bean and pea weevils. Shade tree defoliators were only locally abundant. The gypsy and brown tail moths have both enlarged their territory, the latter having become destructive in New Hampshire.

The cherry fruit fly has apparent! disappeared, owing to atmospheric conditions, and other pests, such as the squash bug, strawberry weevil, squash vine borer, the potato and to-bacco weevils, have not attracted attention. Of incosts injurious to other action. ration of the room for bedspread, Of insects injurious to stored products there has been a decided in-crease, especially of the cigarette and flour beetles. Several species of in-sects, as a rule more destructive in the south, but which have until recently been very troublesome northward have nearly died out in the north. The list includes the harlequin cab-bage bug, cabbage looper, cornstalk borers, fall army worm and This, however, cannot be said of all

DEAD THEORETICALLY.

A Veteran Reported Killed, Decorates the Shaft on Which His Name Is Engraved.

Walter Knowlton, a veteran of the civil war, living in St. Lawrence county, New York, bent and feble with age, dead and buried theoretically, he says, failed to decorate his grave in a small town near Akron, Ohio, as he started out to do on Memorial day and as he had done in former years. Memorial day found Knowlton in Rochester and at the office of Superintendent of the Poor Lodge he sought transportation. On being taid that Mr. Lodge was out he agreed to return the next day, but before leav-

ing recited his history.

"It is true that theoretically I am dead and buried," he said, "and a shaft to my memory and the memory of other soldiers slain on the field of battle was erected near Akron, Ohio. I want to visit the cemetery and observe the floral offerings laid on the shaft.

"Yes, I served through the civil war. After the war closed and the great review was held in Washington, I went west and got work under con-tractors who were building the Paci-

again on Memorial day. After I had heard the eulogies pronounced upon me and the other dead it seemed a pity to disturb the shaft and I kept silent. You see I was wounded near the close of the war and had disappeared for a time. So many men were missing in those days that it was were missing in those days that it was impossible to keep track of all of them, and after I drifted further west I suppose my best friends took it for granted that I was dead. So I left the marble shaft in the little Ohio village and came to St. Lawrence county.

"I could have applied for a pension, but after hearing the orator's speech on that Memorial day 10 years ago it seemed a poor swap. You see, he made me out so much better than I was that I got to feeling that myself as I might have been lay buried. elf as I might have been lay buried there, and I let it all go. But every once in a while I scraped together ter for it. This year the money came kind of hard, and I sought help. I hoped to be there Memorial day, but a few days won't make much differ-ence. Some would say it is my lost youth I am remembering, but the let-ters on that shaft stand out brave and cold, I tell you, and I am proud of them."—New York Sun.

Manila.

held, up to that time, and represented an expenditure of about a hundred billions of dollars. The buildings covered one million

THE THE

About Lamps

Never leave a lamp turned low. It creates gas and uses up as much oil as when it burns brightly. If it is necessary to have a light during the night in a sick room use a tiny night lamp and burn it at full force.

To Clean Mattresses.

If the mattress is stained put in the sun and cover the spots with a thick paste made of wetting laundry starch with cold water. Leave for an hour or two and then rub off. If not perfectly clean repeat. Fancy lenim or cretonne sofa pillow covers can be cleansed in the same way.

Bedroom Hangings. Nothing is prettier or more dainty for bedroom decoration than the up-holistery dimities in the old English style. They can be got in many pat-terns and launder beautifully, so are more durable than a flimsy fabric. They may be used in the entire deco-ration of the groom for bedspread.

canopy, window hangings and dressing table covers. At the windows it is prettiest to hang the curtains straight down each side with a full valance across the top. Cushions for chairs and corner top. seats can be made to match, too

The Care of Stockings

The busy housewife, bewildered by the extra duties of the house, is apt to make short shrift of odds and ends, particularly half-worn clothing, which she banishes to the ash heap or the

furnace room—and afterward regrets.
This is particularly true of stockings worn beyond hope of mending. The most natural thing for a wife and mother to do in this day of cheap hosiery is to toss them aside, and thus miss the opportunity of utilizing them later for housecleaning devices If there is a little girl in the family who is deft with fingers and needles she can contribute largely to the household convenience if given a few simple directions about making use of the old stockings.

The first thing is to cut the foot off just above the heel, or, if the seam is parting above this point, cut the leg off until the seam ceases to head. break. Then split the leg at the seam, sew two legs of the same size together in the form of a bag, turn them inside out, and then turn in, whip the end so that there will be

no raw edges, and you have the best of piano and furniture polishers. One pair split and folded into a neat square the size of the hand can be quilted and bound for an holder. A piece of asbestos holder. A piece of asbestos laid between the folds of the ing will add to the value of the

I went west and got work under contractors who were building the Pacific railroad branch through Utah. I worked through the west for many years and then went to St. Lawrence county, New York, and settled down, broken in health and ill prepared to earn my living. But 10 years ago I happened to be in Akron, Ohio. I was originally enlisted in an Ohio regiment. I walked out to the cemetery and to my great surprise found that my name was engraved on a shaft of marble as among those sons of Ohio who had gone to war and had been killed in battle.

"I did not tell who I was, but went again on Memorial day. After I had heard the eulogies pronounced upon me and the other dead it seemed a boil for a moment and bottle.

boil for a moment and bottle.

Caramel Pudding—Burn one cupful of sugar until chocolate brown; dissolve this in one quart of hot milk, add the yolks of five eggs and a pinch of salt. Bake "au bain marin"—that is, in a pan surrounded by boiling water—until firm. Beat the whites of the eggs until stiff, allowing one tablespoonful of sugar to each white. Put on the top of pudding and brown.

syrup in the proportion of one pint of water to threefourths pound of sugar. Boil the sugar until it ropes. Turn in the berries slowly. When the syrup boils again skim out the berries into glass jars, packing the berries into glass jars, packing them there is the proportion. ing them close; fill two-thirds full of berries. Boil the syrup until it ropes again and fill up the jars; seal while boiling hot.

boiling hot.

Chicken Mould—Cut the cooked chicken in small pieces. To one pint allow one table spoonful mineed parsley and one cupful of the white sauce omitting the lemon juice and adding a little grated onion. Whip one pint of cooked rice and one cupful thick tomato seasoned with butter news condenses. with butter, pepper and celery salt Line a buttered mould; fill with chick en mixture; cover with more rice set in hot water and bake one hour Unmold and garnish with watercress Cold lamb can also be used.

Tripe a la Creole—Put two tablespoonfuls of butter in a two cloves, a blade of mace and one onion, chopped fine; cook slowly until the onion is a light brown; then add two tablespoonfuls of flour and seems to cause immense losses each year, in spite of the ease of controlling it, by a single spraying. In Ohio, in Ottawa county alone, the loss from leaf curl was \$50,000. The losses in Northwestern Pennsylvania and Western New York were also heavy.

The deficit was less than sixty The department, in a report on the billions.—Life.

Add two tablespoonfuls of flour and let that brown; add one and one and one the distance of the text of a curl was \$50,000. The losses in Northwestern Pennsylvania and Western New York were also heavy.

The deficit was less than sixty of boiled tripe, cut in strips; cover and let stand 20 minutes.

********************* THE CHOICE OF TWO.

By GERALD WHITING

for the sound of the blacksmith's heavy breathing. The next, and she was beside him, her hands clasping his arm.
"I have something to say, Felix," she

He moved away till he reached the wall behind him, where his old sabre was hanging, a bit of tri-color ribbon round the hilt. He took it down with

not see her face. Then she twisted herself from him with an unexpected suddenness, he voice breaking into a

"You will not—you shall not harm nim!" she cried. "He has come back because he loved me and wished to see

There was an inward struggle, and then the woman conquered. Yes, she was right to defend the boy who had forsworn his country, and whom it was beneath an honest soldier's dignity

to notice further. He threw down his

sword, saddened and subdued. Old memories stirred at his heart; he thought of the days when that recre-

"I am weary," he said, "and will go

ere somehow dim. He tried to speak

baked the day before, he set out a breakfast for three, and then mo-tioned them to sit down to it. Annette watched him unceasingly, but the smile for which she longed did not appear. It was a relief to all when

Then Lorry rose and spoke his last

him!'

us again.

ing his mind.

******************* Lorry was standing at the door of his forge—a tall, strong man of 50, with the carriage of an old soldier who could still swing the lance or sabre, though he had left the army some seven years or more. The sun was aglow in the cloudless sky, and the heat was oppressive. Behind, the range of hills rose blue-green in the distance. From the road came a werry inject of harconfronted Lorry, with eyes fixed on the red Zouave cap which Pierre had left on the table.

"What does that mean?" said he.
There was an instant of silence, save the road came a merry jingle of har-ness bells and then a cloud of dust, and then a wagon, drawn by two oxen, rumbled up the incline. The driver nodded pleasantly to Lorry.

"You have heard the news, master" he said. "No? Well, I can't stop, but here's a newspaper. Read that." And, with another nod, he whipped up his jaded cattle and passed on jaded cattle and passed on.

The blacksmith sat down on a bench and leisurely unfolded the paper. When he had read a few lines his face dark-ened, and he rose to his feet. His wife came out at this moment. She was a comely dame, with cheeks as ruddy as the apples in her orchard. They looked at each other for a few minutes without speaking.

"Annette," said Lorry at last, crumpling up the newspaper in his strong hand, "I have been reading the 'Debate.'"

His wife gave a little start, but "No ill news of Pierre, surely?" said

"No. no." answered her husband "no need to be alarmed. Pierre is all right so far as I know. But the Ger-mans are at their old tricks. Not content with conquering, they must insult tent with conquering, they must insult as well. You remember my remarking that I had seen three or four fellows rolling about the village in the uniform of French soldiers, and wondered how they came to be there, and what they were doing away from the regiment? Well, the secret is out. They have elected to be subjects of the emperor at Berlin. And to think that we should be outraged by the presence

emperor at Dennie emperor and the fact of such renegades! They are no longer Alsatians, but German wolves."

"What can you expect, Felix? It is not altogether the fault of these poor the fault of these poor and the fact of the stole one anxious look at his face, and saw that a sense of something sorious to come was now overshadow-

the lads grow sick for home."
"Hush!" said Lorry, checking her
with a peremptory gesture; "you do
not understand. You have grown so not understand. You have grown so accustomed to the women folk here-abouts that you have come down to their level, and think as they do. I tell you these men are cowards and traitors, and if I thought our Pierre was capable of such infamy, as sure as my name is Lorry, sometime trooper in the cavalry of France, I would drive my sword through his body!"

He walked quickly into the house

He walked quickly into the house, and Annette followed him. He noticed the flush on her cheek, and felt abashed, he hardly knew why. Perhaps he had spoken too roughly. "Bah! I am a fool to worry about such things, he said, laughingly. "As if it is at all likely! So, so; I will take a little walk to calm myself." He put on his hat and went out.

She waited till he was gone, and then got her work-basket and sat down

then got her work-basket and sat down then got her work-basket and sat down at the window, as was her custom of an afternoon. The sun shone full and bright on the cornfield; there was the path winding away to it in curves of dazzling white; and, lower down, the village church, with the burial ground nestling by its side, and the sheep drowsily browsing under the shadow

were somehow dim. He tried to speak, but speech died abruptly from his lips.
"You had better get up," said Lorry.
"And by the by, put on the work clothes you were accustomed to use before you joined the army. No sense "They may be traitors," she thought, emembering her husband's words, but their mothers must rejoice to see

her own boy left home, alert and trim, with his rifle on his shoulder. Only two years ago, yet it seemed an age! The tears started to her ever the company of the company o And she sighed, thinking of the day The tears started to her eyes. It was well for Lerry to talk, but when would father.

well for Lerry to talk, but when would pierre return to her.

Suddenly the needle dropped from her hand, and she trembled in her chair. She heard the garden gate swing back on its hinges must be suggested by the support of the next few minutes he was busy moving boxes and opening drawbusy moving boxes and opening drawers in the adjoining chamber, and when shortly after they met him again in the kitchen, he was dressed for a journey. The hard look was still in the way as declining the wife's professional and the same as declining the wife's professional. swing back on its hinges. But the dog did not bark, though the intruder

She sprang up with a cry. He was standing in the docrway, his hair rumpled, his gay uniform soiled with dust; pallid, shamefaced, more like a criminal than a soldier. She guessed what had happened. The wretched lad had returned with the rest and how. had returned with the rest, and had been prowling about the place all day, not daring to enter while his father was there. She would fain have chided him, but had not the courage. In fal-tering tones he told her how tired he had grown of the prolonged tofl and hardships of the war; how he had been ill, and had yearned for comfort and ill, and had yearned for comfort and peace of home. And his comrades had teased him, had called him "Prussian" because of his Alsatian accent.

The mother's heart excused all. She made him sit down, and brought him

made him sit down, and brought him things, it is only just that you should be west, and at another part to the food; but he could not eat. A burning thirst seemed to consume him; he called for water and drank glass after glass with avidity.

So the minutes slipped away. Pres- Third Zouaves—I, an old sergeant of many as peanuts are in America.

Globe-Democrat.

Japanese and Germans have the

and played about his knee. All that was a dream, and this the awakening. "Wife," he said, speaking guickly. "you need have no fear. It is no longer any concern of mine. Let Pierre do so he players. in the sea it will not rise again to the

At Rome, Italy, twins were recently born to a couple, both of whom are

"Felix!" she exclaimed.

He advanced a step toward the door, then stopped and looked back.

"Not now," he said, and left her. "Not now," he said, and left her. He stayed outside till darkness set in, and the house was closed. All those long hours he walked in the garden, pacing with measured steps from the orchard to the well and back again,

without any sense of fatigue.

Pierre appeared to be in a sort of stupor when Annette released him from the dark interior of his hiding place. He looked around him helpless

Austrian laws prohibit marriages be-tween Christians and Jews and be-tween Christians and infidels.

been found in perfectly sound condition in ancient Egyptian temples.

Japanese coal gives off much mor-

to bed."

And he went upstairs. Once his head was on the pillow he sank in placid and dreamless sleep.

He awoke, lying still, in the morning sunshine. The window was part open, and he heard passing footsteps in the garden, and the ring of hammer and anvil from the forge. His mother was standing at the bedside with a cup of milk. His gaze wandered slowly, round the room, and he say his father come suddenly in.

Pierre blinked his eyes, but they were somehow dim. He tried to speak.

contain about 500,000 tons, has been discovered on Table mountain, near Cape Town, South Africa.

Bay, N. Y., at the age of 88, made his own coffin ten years ago, and had kept it in his house all that time

of the Wiggan collieries. It took nine months to hew it out of the seam, and it weighed over 12 tons.

though they consume twice as much sugar as the French and Germans, have much better teeth. The Ameri-can dentist, however, ranks first in all

IN THE UNITED STATES. Great Damage Wrought by Potato Rot -Losses in Florida-Brown Rot Destroyed Peaches-Root Feeding Insects Busy.

The destruction wrought on crops by countless plant enemies throughout the country is revealed by a report tissued by the department of agriculture on "Plant Diseases in 1903." Besides the mass of detail regarding conditions in the United States, it shows that the coffee leaf blight has accidentally been introduced into Porto Rico, and measures are being taken to stamp it out. Cocoa in Porto Ricc is affected by a black pod rot canker and root disease. The tomato blight has practically ruined the tomato crop of Porto Rico. A potato root rot has caused the loss of nearly the entire potato crop.

Orange scab has caused consider damage in the Bayamon district Beans and cowpeas are injured by various fungi. The potato dry rot continues injurious in the Hawaiian

ly to Sea island cotton in South Georgia. Wilt continues to spread slowly, and now occurs in limited areas in North Carolina and South Carolina and is widely prevalent in South Georgia and Southeastern Alabama, in connection with root knot. Rust oc-curred as usual on the poorer soils, and was unusually severe in Texas.

The potato blight and rot caused widespread destruction, being especially enormous in New York, Pennsylvania, Northeastern Ohio, Michigan sylvania, Northeastern Ohio, Michigan and Wisconsin. The damage is estimated at \$10,000,000 for the season in New York alone. Walnut bacteriosis caused heavy losses in California. The cherry shothole fungus was injurious in New York and Pennsylvania, and prevailed destructively in Iowa and Nebraska. Crown gall is becoming more serious every year as a nursery pear throughout the country. The sery pest throughout the country. black rot of grape was more gener. Connecticut and Rhode Island, loss being 40 percent.

loss being 40 percent.

The department is obtaining promising results in its effort to discover a resistant vine. Strawberry leaf blight is less prevalent. Die back among the citrous fruit diseases in among the citrous fruit diseases in Florida is less destructive than before 1903. Corn smut caused heavy loss in Maryland, and was common in New York. Corn leaf blight was general in Connecticut, Delaware, Eastern Pennsylvania and New Jersey. Alfalfarust prevailed in Ohio, and rice blast in the Cooper river section of South Carolina, where the crop was more than 100,000 bushels short. The loss from the spread of this disease in the from the spread of this disease in the last six years is estimated at \$1,000,000. Asparagus rust is increasing in the west, and important canning districts are badly affected.

are badly affected.
Watermelon wilt is spreading in the south, and cantaloupe leaf blight was injurious, especially in the south, the loss in Florida being 40 percent. Tomato bacterial wilt was found in Connecticut, and it was serious in New Jersey and Maryland, and widespread in the south. The fusarium wilt in Florida caused a loss of \$500,-000, and large areas of land also had 000, and large areas of land also had 00, and large areas of land also had

000, and large areas of land also had to be thrown out of cultivation.
Cucumber downy mildew caused large losses in Florida and the trucking section near Charleston, S. C., where the estimated loss was \$100,000. It was also unusually destructive in West Virginia, Pennsylvania, New York and Michigan. The bitter root of apples has been widespread. Injury was reported from Rhode Island Pennsylvania, Pennsylvania, New Stories of the Stories was reported from Rhode Island, Penn sylvania, Michigan, Scutheastern Ohio, West Virginia, Virginia, the Carolinas and Georgia. In Nebraska it seems to be on the increase.

it seems to be on the increase.

Apple scab was much less injurious in New England, New York, Pennsylvania and Michigan than last year, but it seems to have been more destructive in the west, especially in Wisconsin, Eastern Nebraska, and Missouri. It is on the increase on the each of the children in the Hampstead workhouse, and they are to be trained to use it in class drill. ington and California. Apple canker, or brown rot, was prevalent in Conor brown rot, was prevalent in Con-necticut, Ohio, New York and Michicrees, was reported from Montana, Nebraska, Iowa, Kansas and adjacent

states Pear blight was more than usually prevalent this year in the east. In the south it is universal, and little effort is made to control it. In Colorado it is made to control it. In Colorado has spread rapidly. It is reported from Twig blight, due to the New Mexico. Twig blight, due to the same organism, was serious on apples in Connecticut, New York, Ohio, West Virginia and Wisconsin, but was less prevalent in Missouri. There was an epidemic of pear leaf blight that defoliated trees from Maryland southward. In Massachusetts, Connecticut and New York pears and cherries were much disfigured by sooty model, which new fork pears and cherries were much disfigured by sooty mold, which followed a serious epidemic of the pear psylla and apple louse. Brown rot was again less injurious in the eastern states, but was very de-

structive to southern peaches, the loss amounting to from 30 to 60 percent of the crop of Georgia. Peach leaf curl seems to cause immense losses each year, in spite of the ease of controlling

Signal.

The year 1998 was made signal by the Philippines Purchase exposition at The exposition was the largest ever

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