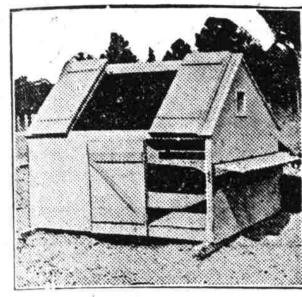


Parasites.

(Prepared by the United States Department of Agriculture.)

Recent investigations have shown the importance of taking special precautions with newly farrowed pigs to prevent their becoming infested with intestinal worms. Intestinal worms are very common parasites among pigs, and cause a great deal of damage to the young animals. It appears that as they become older pigs become less susceptible to infection. Accordingly, if pigs can be protected from infection during the first few weeks of life they are less likely afterwards to be seriously injured by intestinal worms of the common variety.

errs of microscopic size which are deposited by the adult worms in the inpass out of the body in the feces. After a period of incubation which varies ac-



One Way of Preventing Worms in Pigs Is to Provide Good, Sanitary Quarters.

cording to temperature and other con-



THE TIDE.

The ocean fairies were riding in their boats of foam on top of the breakers. They were having such

fun and laughing as they rode over the waves and back again. "Come into the shore," shouted the sand fairies. "We want you to B play with us, We are lonely, very lonely."

ocean fairies, "but we can't come now. It's not Play. to

"Come soon," said the sand fairies, The worms are spread by means of "and we'll make castles while we wait."

testines of infested pigs, and which but their voices could not be heard for the ocean was very rough that day. The waves were high and sometimes the ocean fairies fell out of their boats of foam.

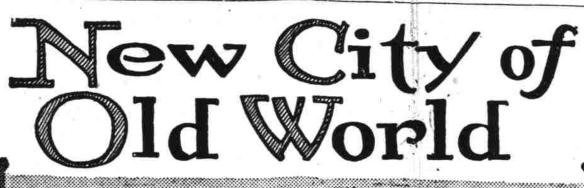
> But quickly they climbed back again so as not to miss any of the breakers. Children came down to the beach and played in the sand. They did not know that the sand fairies were all around them.

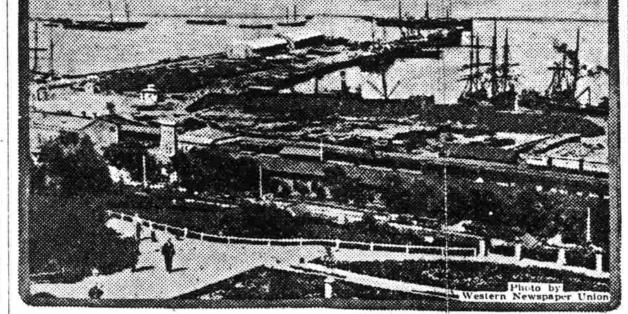
The sand fairies, you see, are just the color of the sand so no one can really see them-just as the daytime fairies are bright and dazzling like the

"we've some time to play."

Mr. Sun was helping to keep it good and warm. But the tide was talking to old Mother Ocean. "What did you think

POLK COUNTY NEWS, TRYON, N. C.





captured by the Germans not

and public buildings, its factories or its size-it had half a million people at the beginning of the war-as in the fact that a century and a quarter

ago there was none of these in existence. New York, Boston, Baltimore and

Philadelphia are cities almost ancient in comparison with Odessa. Odessa is a sort of Chicago or Kansas City of Europe-a "new town," in the language of the West. Just as there were Indian trading posts where Chicago and Kansas City had their beginnings,

so there was a wretched little Turkish village on the future site of Odessa in the time of Catherine the Great of Russia. Russia saw the possibilities of a port on the Black sea and reached out and took it, with little or no protest, for Hdjl Bey, as the Turkish village was called, was not worth quarrel-

The Crimean war interrupted Eng- squares of angel cake with whipped interest does not lie so much in its riod that they were forced to divide the it will brown with a richer color. great docked harbor, its fine churches trade with Germany, for German gain a foothold in the port.

> allel of that war of trade waged 60 the cream was too sour. years ago. It may be of significance

business of the city.

Bloody Revolution in 1905.

In 1905 Odessa was the scene of a violent revolution. The Russian navy mutinied and trained the big guns of the warship in the harbor on the city. The disorders were quelled by the czar's military forces, but not before there was bloodshed and suffering which centered the world's attention on the city.

ing about. Catherine founded Odessa of its beautiful parks and boulevards.



Set your pride in its proper place and never be ashamed of any honest calling.-Jean Ingelow.

Circumstances are beyond the control of man; but his conduct is in his own power.

DAINTY TABLE TRIFLES.

While strawberries are still too ex ensive for too frequent use, they may

be used as a garnish or accessory, making a most



TO RAISE INCUBATOR CHICKS

How to Induce Old Hen to Take Place of Artificial Brooder-Transfer at Night.

(Prepared by the United States Depart-ment of Agriculture.)

Hens are often used to raise incubator-hatched chicks and to take the place of the artificial brooder, a practice that is in operation on many poultry farms. A few eggs are put under the hen four or five days before the incubator is to hatch. In the evening following the hatch of the incubator, after the chickens are thoroughly dry. one or two are put under the hen, and if she is found to mother them properuice added and thickened with con- ly, the next evening as many more are added as she can brood or care for properly. Hens will successfully brood 10 to 15 chickens early in the breeding season, and 18 to 25 in warm weather, depending upon the size of the hen. This method of handling chickens does away with the artificial brooder, and where one has only a small number of chickens to raise it is a very easy manner in which to handle them, and also a good method when it is desired to raise separately special lots of chicks. It should be borne in mind, in adding chickens to a ben which already has some to brood, that it is best to add those of the same color and age as the ones already with her, as the hen will often pick the later arrivals if they are of a color different from the ones she is already brooding.

Loss Is Large Where Unrestricted Range is Allowed - Guard Against Cats and Rats.

ment of Agriculture.)

If the mother hen is allowed to range unrestricted with her chicks

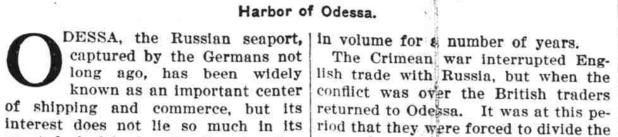


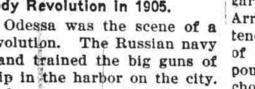
Fine Chance time."

The ocean fairies called back again,

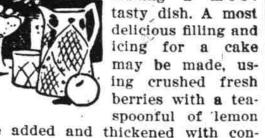
"It's low tide," said the children,

And then the sand fairies were glad that the ocean fairies were not coming in for awhile. It gave the children such a fine chance to play in the sand. It was the first warm day too, that is warm enough to play in the sand, and





Odessa before the war was proud



berries with a teaspoonful of lemon

fectioners' sugar. A few sliced berries may be used. as a garnish for a gelatin dessert, for the sherbet cups of junket or for

cream and berries for dessert. A little sugar added to the roast or stew will add to the flavor and

When the coffee cream has soured shippers had seized the opportunity to add a little soda and a tenspoonful of sugar; beat until well blended and The war offers just now an odd par- it will usually be unnoticed, unless

Rhubarb and Pear Salad .- Bake two to recall that the ultimate result of cupfuls of rhubarb with a half a cupthe Anglo-German contest for Russla's ful of sugar added when nearly cook-Odessa trade was that the Jews gain- ed. Let stand to chill. Mix togethed absolute control of the exporting er four tablespoonfuls of olive oil, two of lemon juice, a teaspoonful of sugar, salt and cayenne pepper to taste. Arrange the rhubarb, which should be tender but not broken, with six halves COOPS FOR HENS AND CHICKS of canned pears on a bed of lettuce; pour over the dressing, sprinkle with chopped candied ginger and serve. Frozen Prune Fluff .-- Soak a pound of prunes overnight in three pints of water. In the morning add sugar to (Prepared by the United States Departsweeten and the rind of half an orange; cook until the prunes are tender. Strain off the juice and remove

ditions, the egg contains a tiny embryonic worm, and is ready for further development when swallowed by a pig. The eggs are highly resistant and may retain their vitality for years. It is therefore evident that in course of time the ground in yards where pigs are kept may become very heavily laden with the eggs of the worms.

When the eggs are swallowed the young worms hatch out, but do not immediately settle down in the intestine. They get into the circulation and are carried to various organs of the body, including the lungs... Meanwhile they increase somewhat in size and undergo certain changes of structure. In a week or ten days they can be found in infected pigs examined post-mortem crawling up the windpipe into the mouth and down the esophagus into the stomach. In the normal course of events they finally reach the intestine again, where they develop slowly to maturity. Small pigs if their lungs are invaded by large numbers of the young intestinal worms are liable to develop pneumonia, which may prove fatal. It is not improbable that many cases of lung trouble among young pigs are caused by these worms.

The question of preventing losses among young pigs by worms, judging from the results of the investigations carried on in the zoological division of the bureau of animal industry, largely resolves itself into a question of providing good sanitary conditions for the pigs, particularly during the suckling period. The sows before farrowing should be kept in clean, dry places away from mud wallows, and until the pigs are several weeks old they should be kept preferably in buildings and pens with floors which can be easily cleaned and which are kept clean.

MENACE TO SHEEP INDUSTRY

Dogs and Coyotes Constitute One of Greatest Drawbacks to Wool and Mutton Business.

(Prepared by the United States Department of Agriculture.) Wool and mutton are commanding higher prices than ever before and supplies of wool are being depleted so rapidly that it will take some time after peace is declared to restock the wool trade, says Bulletin 935, "The Sheep-Killing Dog," issued by the United States department of agriculture.

The United States is experiencing the greatest shortage of mutton and wool in the history of the country. It is the duty of the American farmer to she would never get over it." increase the supply.

of it?" asked the tide. "I don't know what you are talking about," said old Mother Ocean. "Won't you tell me?"

"The sand fairies asked the ocean fairies to play with them !"

"And why shouldn't they, pray tell?" asked old Mother Ocean.

"Because I wouldn't let them !" said the tide. "I wouldn't disappoint or disobey my two good friends for anything in the world. I simply couldn't. That's all there is to it."

"Dear me, but you are very determined, Mr. Tide. Won't you please tell me what you mean? I don't like to appear stupid. But really I haven't the faintest idea what you are driving at."

"I'm not driving at anything," said the tide proudly. "I'm not a horse and I'm not a motor car and it's absolutely impossible for me to drive at anything or for anything. I wouldn't be a horse or a motor car if I could be one. It's far finer to be the tide. It's not so common and usual."

"Where I am," said old Mother Ocean, "you come too. But I beg your pardon if I hurt your feelings or insulted you. I'm sure I didn't mean to. I simply wanted you to explain yourself, and I used an expression, or saying, which I have heard grown-ups and children use when they were bathing in my great and mighty bath-tub."

"Forgive me for being impatient," said the tide humbly. "I meant, you see, that the ocean fairies couldn't possibly play with the sand fairies before I let them. And I wouldn't let them ahead of time because I am the tide, and I have certain hours for going

in and certain hours for going out. "No one can

change me, for my rulers are Mr. Sun and Mr. Moon, and not for anything would I disobey them." "No." agreed old Mother Ocean. "it would not be wise to disobey two such high and noble rulers."

"Come into the "And if I did Shore." disobey them,"

continued the tide, "I would so upset my great-grandmother Nature that

And Mother Ocean understood. For

by rescript in 1794 and the "booming" of the new city began.

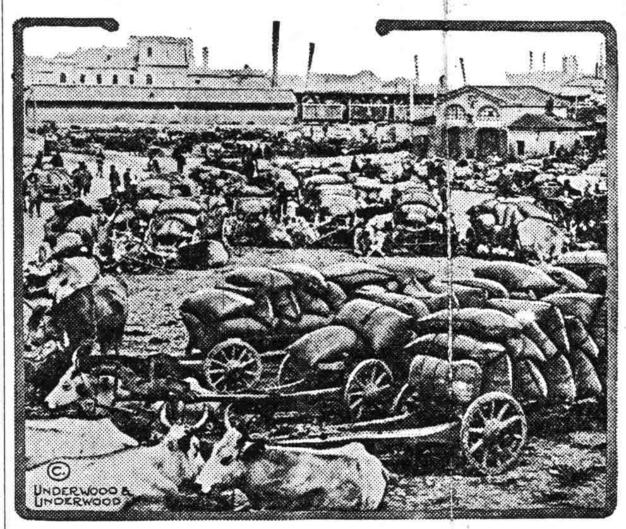
Grain Built the City.

water front. Today a great staircase, harbor to the city proper. Located at Orthodox Greek cemetery. the northwest angle of the Black sea. producing valleys beyond and its acombs extending under the rich city growth was like that of the Western | and its beautiful suburbs through vatrade centers in America. The Eng- rious periods of Odessa's career have

The refuge of many French nobles in the time of the French revolution, the streets are evidence of the fact, for The Russian "pioneers" built their they bear names reminiscent of roytown on the plateau which forms a ter- | alty of France. The main thoroughrace from 100 to 150 feet above the fare, however, is the Street of the Transfiguration, which begins at the

which is one of the wonders of Odessa, magnificent cathedral and ends at the leads up in broken flights from the gate of the consecrated ground of the The popularion is largely Tartar, on midway between the estuaries of the which has been grafted Slav, Teuton, great Dnieper and Dniester rivers, Norse, Finnish and Lettish stock, but Odessa was the natural commercial at the beginning of the war it was outlet for the vast stretches of grain- said to be still Tartar in the main. Cat-

lish ships found their way there to load housed the miserably poor, and at their holds with grain, and exporting, times the underground inhabitants as the years went by, grew steadily have numbered as many as 35,000.



Scene on One of the Odessa Quays.

CAMPING PLACE OF NATION

That Seems to Be the Manifest Destiny of the Sequoia National Park.

Analysis shows that the very large increase in visitors to the Sequoia National park last summer amounting to nearly 60 per cent over the record attendance of the summer before, a fact which strongly emphasizes what has been called the "manifest

the peel. Stone the prunes and rub them through a sieve; add the juice, a half-cupful of finely chopped wa!nut meats and two unbeaten egg whites, then freeze. Serve garnished with orange marmalade.

fruit, one lemon and one orange, through the meat grinder; add ten cupfuls of water and let stand overnight, then cook until tender: let stand again overnight, add ten cupfuls of sugar and cook until thick. Put into glasses and seal as usual.

Care to our coffin adds a nail, no doubt An ev'ry grin so merry draws one

-Wolcot. LET US REMEMBER.

That early potatoes may be quickly prepared by using a rough piece of

burlap to take off the skin. This is economy of time as well as of food. A whole recipe of drop cakes or cookies may be prepared and baked at one time if two baking sheets of sheet iron are used that fit the oven. This is a great saving of fuel if gas or

kerosene or electricity is used. Milk bottles should be carefully

wiped before removing the cap for two reasons, the first because of cleanliness, the second because bits of glass are often chipped out of the bottle in transit and are unnoticed, even when they drop off into the milk when pouring it from the bottle.

Kindling may be carried very easily by using a piece of canvas with strong handles. Cut the cloth 45 by 27 inches.

Use wooden spoons in stirring foods. A hard rap of a metal spoon on the side of a granite dish will dislodge pieces of the lining of the dish; this gets into the food and is as dangerous as glass. A wooden spoon never becomes too hot to handle and is much easier on the hands in stirring.

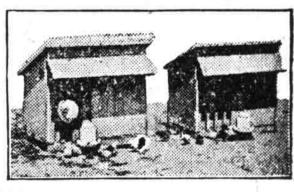
Water drained from cooked rice or macaroni makes fine starch for laces or delicate dresses.

Brooms are too expensive these days to treat without consideration. They should always be hung or turned upside down, resting on the handle. Grated potato used as a poultice over an inflamed eye will relieve it if left overnight.

A sauce dish of left-over preserves may be thickened with a little gelatin with a grating of lemon or a bot-

frequently takes her through wet grass and as a result some are chilled and die especially the weaker ones which are likely to be left behind. Where this careless system of management is practiced the loss of young chicks is large. When a coop is provided for the hen such losses are largely prevented.

Any style of coop which is dry, ventilated and can be closed at night to protect the brood against cats, rats and other such animals and which while confining the hen will allow the chicks to pass in and out freely after they are a few days old, will be satisfactory. The hen should be confined until the chicks are weaned, though a small yard may be attached to the coop, if desired, to allow the hen to exercise. The fence can be raised from the ground far enough to allow the chicks to go in or out, but



Coops Used on Government Poultry Farm.

not high enough for the hen to escape. By using a coop the chicks can find shelter and warmth under the hen at any time, and the weaklings after a few days may develop into strong, healthy chicks.

The brood coop should be cleaned at least once a week and kept free from mites. If mites are found in the coop, it should be thoroughly cleaned and sprayed with kerosene oil or crude petroleum. From 1 to 2 inches of sand or dry dirt or a thin layer of straw or fine hay should be sprend on the floor of the coop. Brood coops should be moved weekly to fresh ground, preferably where there is new grass. Shade is very essential in rearing chickens, especially during warm weather; therefore, the coops should be placed in the shade whenever possible. A cornfield makes fine range for young chickens, as owing to cultivation of the ground, they get many bugs and worms and have fresh soil to run on most of the time and enjoy abundant shade.

MANY ERRORS OF BEGINNERS

Difficult Problems Will Be Presented Before Success in Any Large

"The enormous increase in travel to the park early in the summer disclosed the fact that it would only be a matter of a year or two before all

available camping space would be taken long before the height of the season; also that the streams of the park, unless carefully stocked each year, would be fished out before the summer would be half gone. Anticpating the inevitable need of more camping grounds, the Giant Forest boad has been continued from Wolverton to the Marble Fork river

Amber Marmalade .-- Put one grape-

The sheep-killing dog constitutes one of the greatest menaces to the success of the sheep industry. The dog not only kills sheep but keeps out of the sheep business men who are otherwise inclined to go into it. The most effective method of dealing with the sheep-killing dog is through efficient legislation. Notable progress has been made by several states in enacting good dog haws, and others are expected to tako similar action. No law, however well worded it may be, can be effective unless it is en- forced and has the moral support of the people who are affected by it. Uniform state dog laws are desira- ble.	"Don't worry, dear out mother Ocean," said the tide. "I'll never dis- obey them and I'll always be loyal to my great-grandmother Nature, who has made me such a wonderful, won- derful thing—the tide!" <u>Mingled Tears and Joy.</u> The first Easter was a day of min- gled tears and joy, and so is the last Easter. Like the women who wept at the tomb of Christ, so the women	The report of the director of the national park service says: "It was a most pleasing sight to stand in the midst of the Giant For- est during the summer and gaze upon the attractively situated and taste- fully decorated camps nestled each at the base of an enormous sequoia. It was a peaceful scene and a beauti- ful one. There was nothing to do in the forest but rest, breathe the health- restoring air, drink the clear, cold water, and contemplate the dignity and beauty of the biggest and oldest living things. Fishermen came and went, and the hikers and horseback riders took the trails and returned from the higher altitudes of the park.	ably exaggerates, whose ear inevitably hears what is not, whose imagination inevitably helps out his five senses. He is the hero worshiper, the enthusiast, the romantic. He is the sort of fellow	tle of lemon juice added, then served with whipped cream, making a dainty dessert and an economical one. The dish of onions left from to day's dinner may be put through a sieve and served in tomorrow's meat sauce.	Degree is Attained. (Prepared by the United States Depart- ment of Agriculture.) Beginners in the poultry business will probably make many mistakes and difficult problems will be presented for solution before success in any large measure will be attained. As soon as it is found to be a paying investment, more capital may be put into the plant. One Secure. "There may be meat and egg and milk trusts, but there never could be a successful vegetable trust." "Why not?" "Because there would be sure to be a leek in it somewhere." Bacon-Conservation is the thing
similar action.	derful thing-the tide!"	AND AND AND ADDRESS OF A DECEMBER	The Enthusiast.	The wise buyer will purchase good	milk trusts, but there never could be
be, can be effective unless it is en-	me for Easter was a day of min-	and beauty of the biggest and oldest	ably exaggerates, whose ear inevitably	starting the poultry yard see that	"Why not?"
the people who are affected by it.	gled tears and joy, and so is the last	living things. Fishermen came and went, and the hikers and horseback	hears what is not, whose imagination inevitably helps out his five senses. He	duce large eggs. Small eggs should	
ble.	at the tomb of Christ, so the women	from the higher altitudes of the park.	the romantic. He is the sort of fellow	eggs is a wise and economical method.	
Feed is Assured. The silo located near the feed	or the works. But the joy that sons and brothers. But the joy that dried the tears of the women of long	he forest was never disturbed.	report the bacillus typhosus to be as	duction of small eggs.	just now. Egbert—Then I suppose the man
Inanger is an assurance of having feed near at hand in stormy as well as	Cialla	that anybody has written about it and	large as a horse, as lovely as a gazelle and intelligent as Aristotle.—H. L.	Nereie Maxwell	who makes two blades of grass grow where only one grew before is in dis-
fair weather.	is not here. He is risen."-Girl's Companion.	more. It is a glorious experience.	Mencken in the New Fork Mail.		grace?
		a strategy and the second states and			