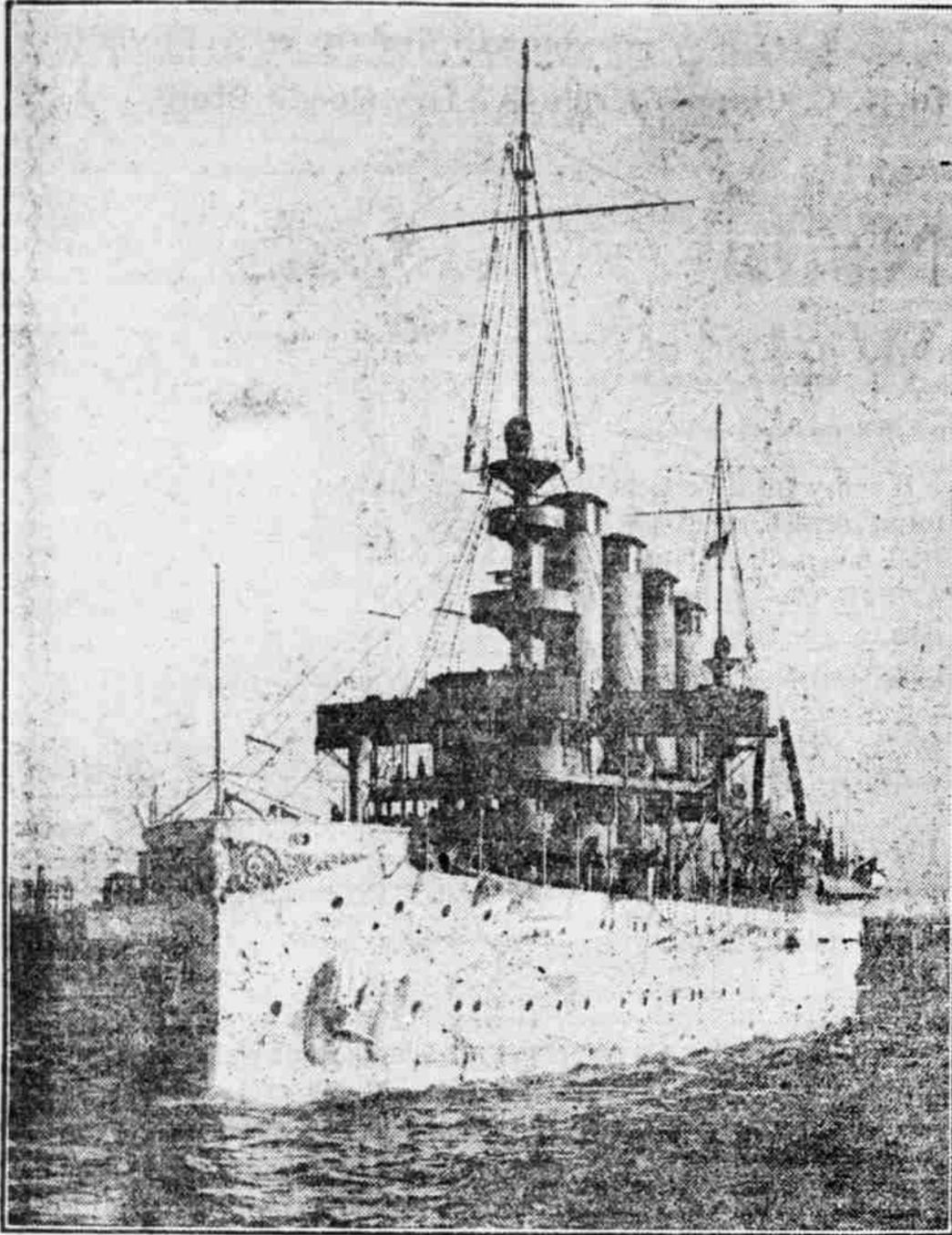


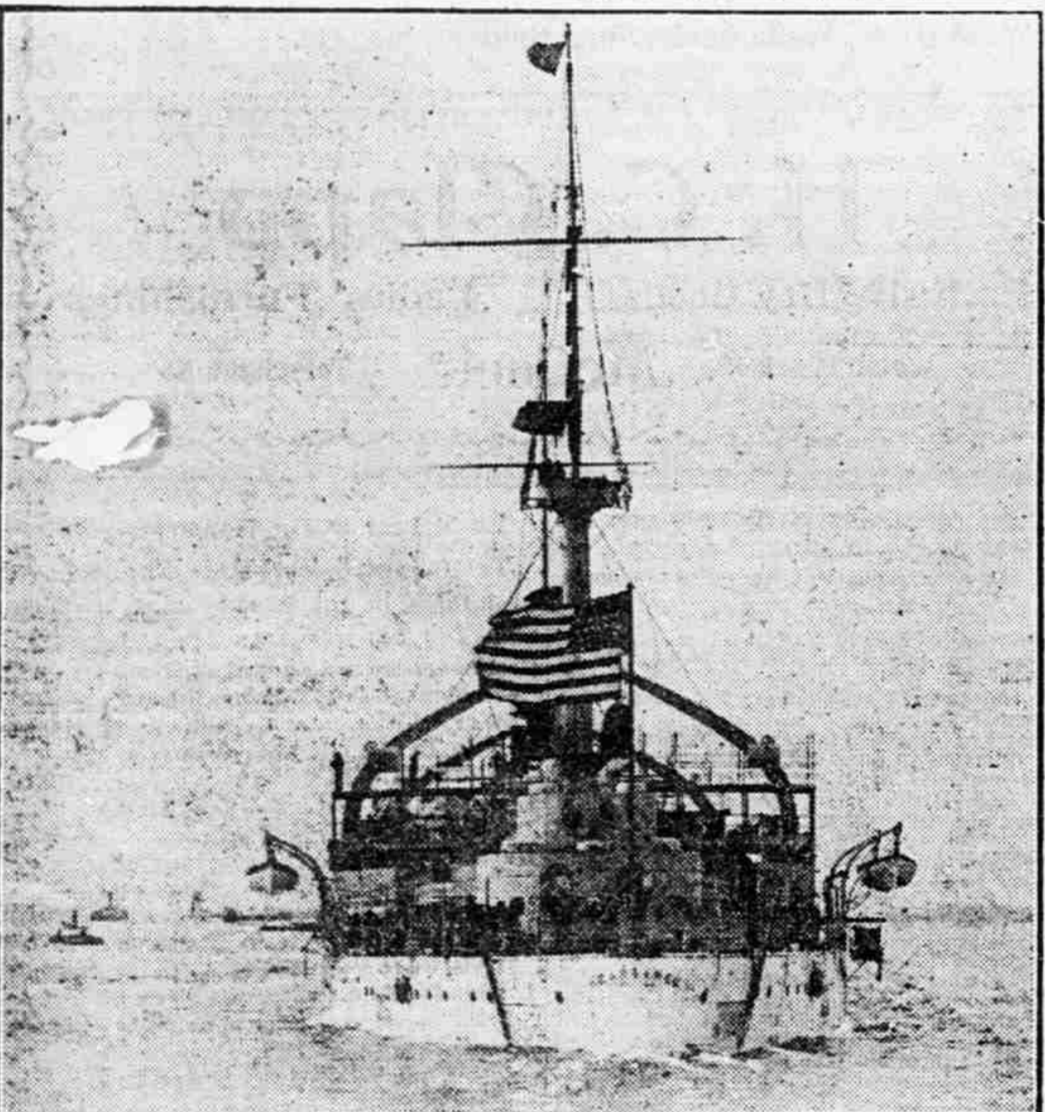
# OUR NEW PACIFIC FLEET

Ships Recently Ordered to the Pacific Coast under Admiral Evans.

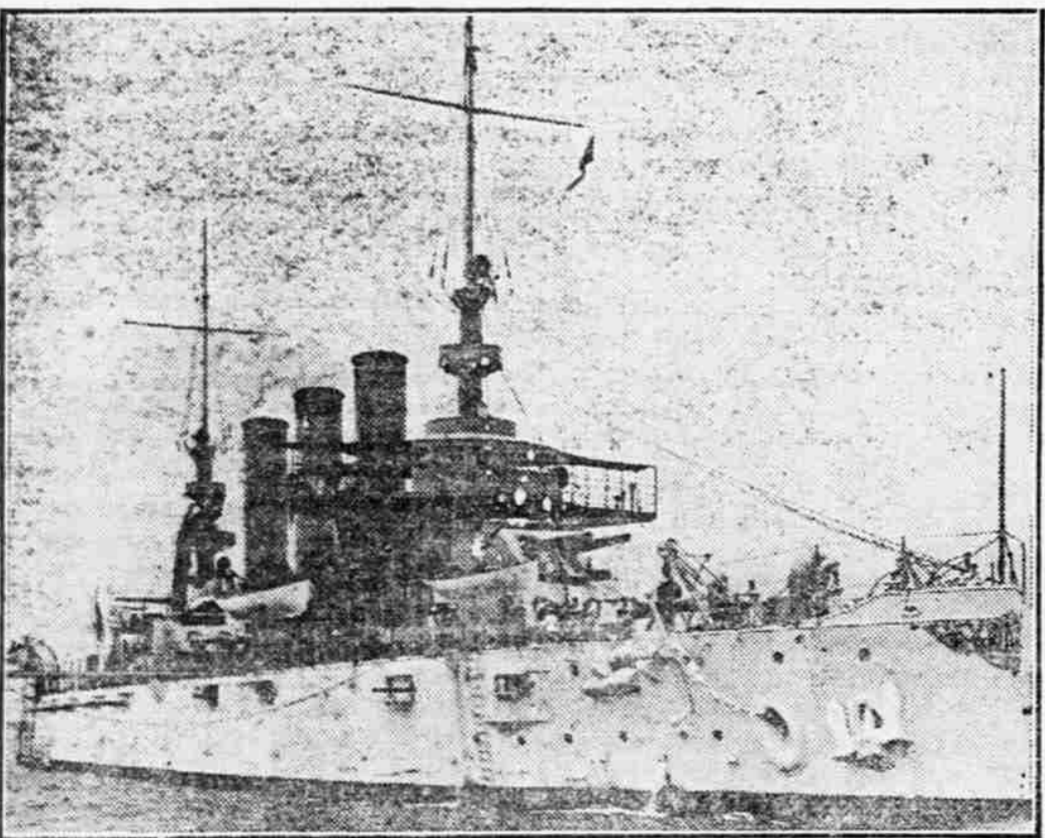
[This department to be continued until the entire fleet of sixteen vessels has been shown.]



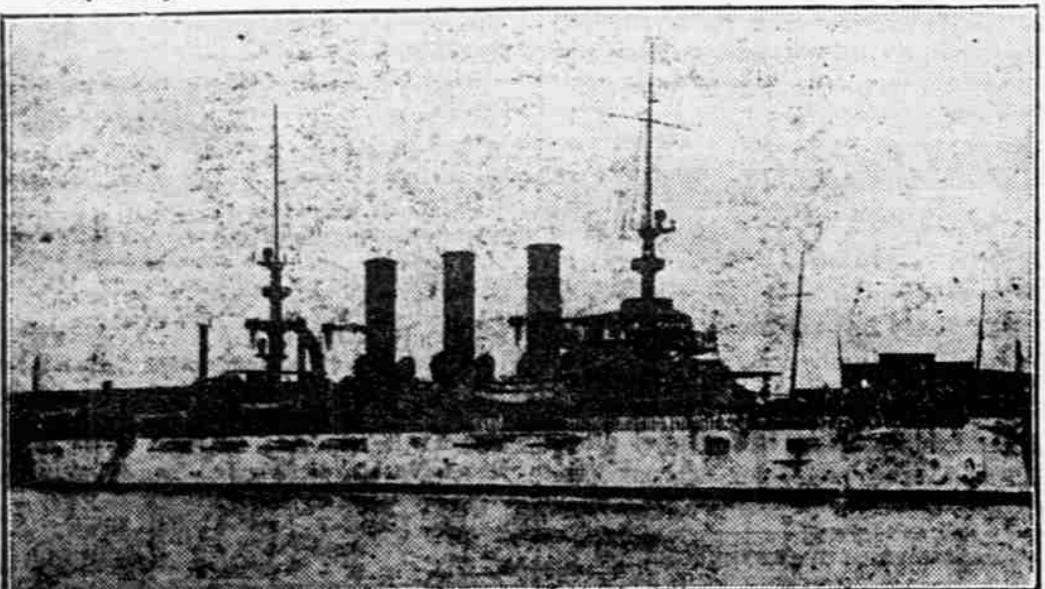
U. S. PROTECTED CRUISER, "ST. LOUIS."  
Commander Nathaniel R. Usher; tonnage, 9,700; guns, 14; speed, 22 knots.



U. S. BATTLESHIP, "KEARSARGE."  
Capt. Herbert Winslow; tonnage, 11,552; guns, 22; speed, 16 knots.



U. S. BATTLESHIP, "RHODE ISLAND."  
Captain yet to be assigned; tonnage, 14,948; guns, 24; speed, 19 knots.



U. S. BATTLESHIP, "VIRGINIA."  
Capt. Seaton Schroeder; tonnage, 14,948; guns, 24; speed, 19 knots.

## CYPRESS KNEES.

How They Are Formed—Trees' Curious Blunt Roots.

The cypress knee is a familiar object in all the lowland forests of the south, but there are thousands of northern people who have never seen them, and there are many southern people, too, who have not seen them till they stumbled over them some dark night. The knee is of solid wood, has no limbs or leaves, is anywhere from six inches to six feet in height, and its rounded top and flattened sides give it very much the shape of a human leg bent at the knee till thigh and calf are brought together; hence the appropriate name of "knee."

For a number of years I was curious as to what part the knees played in the life of a cypress tree, writes a correspondent of Forest and Stream, for they are part of its root system and do not grow independently. They were not sprouts, trying to grow into trees, for they never developed branches, and the final conclusion was that their only use was for people to stumble over. How and why such useless appendages to the tree were formed was a mystery until one day when drifting down a deep channel which had been washed through a cypress swamp the secret was exposed.

The earth had been washed away from the roots of some of the trees, and roots in all stages of growth were in sight. None of these roots was less than two and one-half inches thick and of uniform size clear to their tips or rather clear to their blunt ends, for there was no tip.

Nature intended these roots to grow in soft mud, and they were all right for that purpose, but when the blunt end of a root encountered something too hard to push through it bent or buckled in the line of least resistance, and this was generally toward the top of the ground, and the continuing growth of the root pushing the bend further upward made the bend closer, until finally the two arms of the bend were close together and they grew together, with one sheet of bark inclosing both.

## STUDY YOUR HORSE.

If the Animal Has Mental Troubles, Try to Remedy Them.

To begin with, does your horse suffer from nostalgia or homesickness? Most horses do, and many really pine away and die from no other cause. We can at least, by making the poor creature thoroughly comfortable, do all in our power to "give his pain surcease" and to make him happy and contented, for than homesickness of the acute and chronic form men know few more wearing ailments. Is your horse's disposition sociable or misanthropic? You don't know? Well, why not find out? Does it irritate him to have his yoke-mate or neighbors eating noisily and visibly while he does? Is privacy evidently his preference? Very well, then, by boards or zinc or tin or canvas shut off both sides of his stall at the head so that he may eat in peace and live the isolated life which he prefers.

If he lays back his ears or snaps at his neighbors or fidgets and kicks at the partitions, etc., he does not fancy company—at least at mealtimes—and he will be better, do better and (here the pocket comes in) keep more cheaply if you cater to his fancy. If, on the contrary, a "shy feeder," let him see others eat; even let him by a simple arrangement feed from the same manger as one of his neighbors, which is to be tied up short until Master Dainty has eaten all he will, when, upon allowing the neighbor to partake, the fastidious one will redouble his efforts to eat just to spite the late comer at the feast. The writer has used this plan with many poor feeders from the race horses down and always with the best results.—F. M. Ware in Outing Magazine.

## He Hadn't Changed a Bit.

The Smiths had invited the minister to dinner. As the last course was reached little Willie, who had been closely watching the guest almost continually through the meal, looked over at him once more and said:

"You haven't changed a bit since you started eating, have you, Mr. Curtis?"

"Why, no," laughed the minister. "Why do you ask that question?"

"Because," blurted Willie, confused by the pairs of eyes focused on him, "because I heard pa tell ma you'd make a big hog of yourself as soon as you got your eye on the corned beef and cabbage."—Bohemian Magazine.

## He Had Had Some Help.

The man who applied at headquarters for a "little help" from the charitable association set forth his case with so much tact and moderation that the secretary was beginning to be favorably impressed.

"I can't ask them to do too much," the applicant said modestly. "You see," he continued, in an outburst of delicacy and ingenuousness, "they paid for my wedding last month, and 'twas a real swell one."—Youth's Companion.

## Pain of a Wooden Leg.

"Barney's wooden leg has been paining 'im of late," said Scholes to his wife.

"How can that be?" asked Mrs. Scholes irritably.

"Mrs. Barney has been thrashing 'im with it," was the explanation.

## The Twins.

Cholmondely—You and your sister are twins, are you not? Marjoribanks—We were when we were children. Now, however, she is five years younger than I.—Cleveland Leader.

Reason serves when pressed, but honest instinct comes a volunteer.—Pope.

## HERO OF NANSHAN HILL.

Prince Fushimi of Japan, Who Is Now In England.

Much was heard of Prince Sadanaru Fushimi of Japan, cousin of the emperor, during the war with Russia. He is forty-nine years of age and a full general and fought in the war against China as well as in that against the armies of the czar. In the latter war he was most prominent while directing the operations of a division of the army in southern Manchuria, and his heroic conduct at the battle of Nanshan Hill, when the Japanese troops



PRINCE FUSHIMI.

charged the enemy nine times in the face of a withering fire, is still well remembered.

Prince Fushimi visited the United States at the time of the world's fair at St. Louis, and he is now attracting attention by his visit to England as special envoy of the Japanese emperor. Prince Edward of Connaught not long since journeyed to the orient and conveyed the Order of the Garter to his majesty the emperor of Japan. Prince Fushimi was charged with making a return call, so to speak, and acknowledging the honor conferred by the British sovereign on the mikado. On his arrival in England he was met by the prince of Wales, the cabinet and officers of army and navy. An amusing incident occurred in connection with the visit. It so happened that the comic opera entitled "The Mikado" was being presented at one of the theaters of London when the prince arrived. Fearing that the burlesque of Japanese customs and officials which it contains might offend the emperor's envoy the British lord chamberlain prohibited its performance. This caused protest and the visiting prince was appealed to with the result that the ban was removed, Prince Fushimi remarking that he did not see any harm in the opera and would like to witness a performance himself.

## CAREW-TERRY.

Great English Actress and Her Marriage to Her Leading Man.

It seems that the great actress Ellen Terry was wooed both before the footlights and behind the scenes by her leading man, James Carew. When Miss Terry sailed for England at the close of her recent tour of the United States the interesting fact was disclosed that she had for a third time taken a husband, the marriage, which occurred on March 22 before a justice of the peace, having been kept secret until the actress was ready to sail for home. News of the romance was then conveyed to the public by the groom.

Mr. Carew is well known both in America and England and is a resident



ELLEN TERRY AND JAMES CAREW.

of Chicago, though born about thirty-five years ago in the state of Indiana. He played prominent roles with Amelia Bingham in "The Climbers," with Henrietta Crossman in "Sweet Kitty Bellairs" and with Alice Fischer in "Mrs. Jack." About two years ago he joined the company of Miss Maxine Elliott and went abroad with her, appearing in "Her Own Way." A year later he joined Miss Terry's company, returning to America with her for the season just closed.

Miss Terry was born at Coventry, England, in 1848, and is therefore fifty-nine years of age, or nearly twenty-five years her husband's senior. She was married first to George Frederick Watts, the painter, from whom she separated. She was married a second time to Charles Wardell, an actor, known on the stage as Charles Kelly, who died some years ago.

## GRAVITATION.

Its Wonderful and Far Reaching Effects Upon the World.

"The effects of gravitation are so familiar as to demand only the briefest mention, yet most of us perhaps seldom stop to consider how far reaching these effects are," says Dr. Henry Smith Williams. "But for gravitation the winds would not blow, the waters would not descend, and the mountain tops would not crumble into the valleys. Each particle of pulverized rock would remain where it was formed, and there would be no such thing as a mixed soil.

"But as matters are actually arranged gravitation is perpetually active, and every particle of matter is being eternally tugged at and urged to get nearer to the earth's center. So no sooner does a fragment of rock at a mountain crest become loosened than gravitation hurls it crashing down into the valley, shattering it into fragments perhaps or at the least grinding off some portions of its surface as well as of the surface of the rocks against which it is dashed.

"By such means and with the further aid of its handmaidens, wind and water, gravitation works its unceasing purpose of leveling the surface of the earth. In a few brief geological moments it rounds the shoulders of the haughtiest mountain, and, given time enough, it will bring every particle of rock back to the sea bed, whence it originally sprang. Short of that, as a transition stage, it is forever mixing the different soil constituents on the one hand and sorting them out again on the other."—Appleton's.

## FINE SPIDER THREADS.

Cultivated Especially For the Use of Astronomers.

The cultivation of certain species of spiders solely for the fine threads which they weave for scientific uses has an important bearing upon astronomy.

No substitute for the spider's thread has yet been found for bisecting the screw of the micrometer used for determining the positions and motions of the stars. Not only because of the remarkable fineness of the threads are they valuable, but because of their durable qualities.

The threads of certain spiders raised for astronomical purposes withstand changes in temperatures, so that often in measuring sun spots they are uninjured when the heat is so great that the lenses of the micrometer eyepiece are cracked.

These spider lines are only one-fifth to one-seventh of a thousandth of an inch in diameter, compared with which the threads of the silkworm are large and clumsy.

Each line is made up of several thousands of microscopic streams of fluid. Under the most powerful magnifying glass they appear true and round.

The work of placing these lines in the micrometer requires the delicate touch of experts, who operate with the aid of microscopes which magnify the line a thousand times. The lines are placed parallel with each other and two one-thousandths of an inch apart.—Stray Stories.

## Buying Cooked Food.

In France it is a common thing for the wife to be out at work as well as the husband. From this circumstance, no doubt, have developed the facilities that country affords for obtaining ready cooked food outside the home. Whole meals can be purchased outside, and they are very good meals too. A whole fowl or a half one or a smaller portion can be bought hot or cold from the rotisserie. Soups and salads can be bought in the same way, and in shops where eggs are sold there is always a basket of red eggs as well as white ones, the red color being used to indicate that the eggs are cooked. All these things are sold at prices "within the reach of all," and in many homes scarcely any attempt is made to do cooking.

## Belgium Blows Its Horn.

Belgium, like many continental countries, has its national board of advertising. The state, owning, as it does, the railways, must do everything in its power to increase the passenger traffic, and so England and the adjacent countries are extensively placarded with posters showing Belgium's beauty and pleasure spots. The principal attractions are Ostend and its casino, and the pictorial records of this resort have adorned the boardings of England for many years past.—London Graphic.

## Chileans Are Mongrels.

There is a good deal of mongrel about Chilean society. Chileans will tell you that they are descended from old Spanish families, but the old Spanish families were mostly turned out or massacred in the revolution against Spain, which arose mainly out of the wrongs of the mongrels. The descent, in short, usually includes a slave native Indian woman years back, and the two types have mixed well, with handsome but very fiery results.—Exchange.

## Her Willingness.

"You must have been dreaming of some one proposing to you last night, Laura."

"How is that?"

"Why, I heard you for a whole quarter of an hour crying out, 'Yes!'—Flegende Blatter.

## Natural.

Proud Father—My child is only a month old, and he cries for the moon. Proud Mother—Mine isn't a week old, and he cries for the milky way.—Puck.

Every age has its problem, by solving which humanity is helped forward.—Heine.



The best of everything in his line at the most reasonable prices is Marsh's motto. He wants your trade, and hopes by merit to keep it.

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The Butcher  
Phone 12.



A few doses of this remedy will invariably cure an ordinary attack of diarrhoea. It can always be depended upon, even in the more severe attacks of cramp colic and cholera morbus. It is equally successful for summer diarrhoea and cholera infantum in children, and is the means of saving the lives of many children each year. When reduced with water and sweetened it is pleasant to take. Every man of a family should keep this remedy in his home. Buy it now. PRICE, 25c. LARGE SIZE, 50c.



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To the East: Daily low-rate excursion tickets to the Jamestown Exposition, eastern cities and resorts, northern Michigan, Canada and New England.

To the West: Attractive low excursion rates to the Pacific coast, Yellowstone Park, Utah, Colorado, Big Horn Mountains, Black Hills.

Big Horn Basin and Billings District: Personally conducted cheap rate homeseekers' excursions, first and third Tuesdays. We assist you in locating irrigated lands at the low, original price. Write D. Clem Deaver, Landseekers' Information Bureau, Omaha.

One-Way Colonist Rates to the Coast: Daily in September and October to California, Washington, Oregon, Montana, Wyoming, Big Horn Basin.

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