FARM AND HOME.

to Eradicate Tuberculosis from the Herd-A Trial of Alaike Clover In Urged-Pure Water for Milch Cows-How to Keep Front from Cellars,

Inberculous Animals. serious attempts have been made in estain parts of the country to eradiate the disease by destroying all recting animals. Such a course is unconstedly too drastic, and it has met with persistent opposition. It is a queswhether such methods are warmated or not. Certainly, such a course sure to defeat the very end desired. te, the co-operation of all in eradicating the disease. There is nothing hat would be more beneficial to the stock interests of the country than the ridespread application of the test, but is hardly possible to hope for such an estension where such severe measures

ere applied. From experiments already made unor different auspices it is evident that the progress of the disease can be stopped by the isolation of all reacting salmals. The least affected animals can, with care, be used for breeding purposes, and if the calves are sep-arated at birth and fed on boiled or pasteurized milk, it is possible, within a elatively short time, to build up a rictly healthy herd from affected parsts.-Wisconsin Agriculturist.

The Alsike Clover. This clover resembles the large red dover, except the stem is much finer. though it grows to about the same beight. It makes an excellent hay, which is much relished by all kinds of stock. We were led to try alsike or Swedish clover by Allen, the author of the American Farm Book, and, after a trial of it for some years, would strongly advise anyone wanting a good feeding clover to try it. It should be sown on high, dry, well-grained sod. It requires the same care and cultivation as red clover. It may be sown either with timothy or with red clover. A good mixture for one acre is three quarts of siske clover seed; four quarts of red dover seed, and six quarts of timothy clover seed. Sow the timothy in the fall and the clovers the lart of February. The seed is made in the first crop; the second orop may be pastured. It is a very fragrant clover, the heads being full of sweet juice. It makes a fine bee

Pure Water for Milch Cows. Experience has shown that water which looks pure and clear may have in it the germs of the worst diseases, and if so there is possibility that these may go into the milk. On the other hand, water that looks muddy from contact with soil may be entirely free from any germs that are injurious. The danger from germs in milk, we believe, has been much exaggerated. The safe way is to keep cows from drinking any water where there is a possibility that it has been infected with germs of typhoid fever or diphtheria. It is the milk producer's interest to strictly guard against any chance of infection, as wherever such a case occurs it is sure to spread unreasonable fears and injure his bus!-

food.-The American.

bess.-Exchange

Keeping Frost from Cellars. The unsightly banks of horse manure led against the basement walls of farm houses are not needed to keep out frost. They are worse than unsightly. for the odor from decaying manure affects a sense more sensitive than sight. If a second wall of brick or stone is laid two inches from the cellar wall, and its top tightly joined to the building above, this dead air space will keep out frost better than will a threefoot bank of horse manure. Some bouseholders make the protection inside with a dead air space enclosed with matched boards, or, better still, covered with paper siding, which is better than boards for securing warmth to any building.

Growing Beet Seed. Beet seed is so easily grown that it is always very cheap. Yet we believe in farmers growing their own beet seed, provided they will grow the best. It is not the beet that produces the most seed that is best for planting. If beets, or any other root for that matter, are planted so early in spring that they grow tough and stringy roots, such roots will produce a great amount of seed, but it will produce if sown at any time plants that are like its parent. It is thus that roots degenerate into something like their original wild condition. A moderate-sized root grown quickly after midsummer, and in very rich ground, will be tender and good until late in the spring. Such a root will not produce as much seed as a tough, stringy one, but its seed will bring much more satisfactory crops.-Amerlean Cultivator.

Salt as an Insecticide.

The use of salt as an insecticide, or vermin destroyer, is not sufficiently known among the farming community. Many a farmer has lost dollars and dollars, simply because he did not know what virtue there is in salt. How many times has a farmer ploughed up acres of a crop attacked by some worm or caterpillar, re-sown the land, and all because he did not know that sait would have killed the worm and improved his crop. Last year a case was reported through the press, and vouched for as correct. A farmer had a ten acre field of oats attacked by the army worm. The whole ten acres was in such a condition he decided to plow them all up and re-sow. As an experiment he left an acre, to which he gave a dressing of 300 pounds of refuse salt. Three days afterward he gave the same acre another 300 pounds of refuse salt. The result was that on that acre he had a good yield of oats, and had he only known he might have saved the whole ten acres. Salt for such purboses is simply invaluable.

Storing Root Crops.

The most serious obstacle in the way of growing root crops-turnips, beets, carrots and parsnips—is the storage for winter. Potatoes must not be exposed to the light, and severe cold, with alternate freezing and thawing, forces the farmer to provide the best storage facilmethod of storing in pits is still fol- tionately than farms where crops can lowed, but there are per'ods during the be grown on only a portion every year.

GRICULTURAL NEWS winter when the ground is frozen as GOVERNMENT ARMOR PLANT. opened except with some risk. Tur- Special Naval Board Draws Up Elabornips can be grown at a small cost, but THINGS PERTAINING TO THE a bulky crop is difficult to store in a manner to have the roots always available. Farmers who have discarded all bruised or injured specimens have been successful in storing carrots, parsnips,

Feeding Poultry. The farm is the place on which to engage in poultry for market, and not the small lots or plots. It is also proper to keep all kinds of poultry, and not hens only. As long as the farmer continues to rely on grain he will feed his fowls at a cost much greater than is necessary, and by varying the food from grain to more bulky substances he can grow a large share of the feeding materials on the farm and have his customers, therefore, right at his door in the form of the fowls. If a flock of hens will thrive on grass during the summer season, and will keep in better condition thereon, as well as produce more eggs than on more expensive foods, why should he buy foods and feed his poultry until he destroys the very condition he desires?-Mirror and

Plowing Quack Grass Too Deeply. It is possible to kill quack grass by what is known by double plowing the land. This is accomplished by running sell out to the government. the plow in the furrow already made, and thus making a trench twelve or fourteen inches deep. This is repeated after each furrow is turned, so that the surface soil is entirely reversed and the subsoil takes its place. The top furrow should go deeply enough to go below all the quack roots and turn them under the second furrow, which will require both a strong plow and an extra heavy team to turn on top of the other. But though quack grass may be killed by this heroic method, it will take several years of good cultivation to fit the subsoil thus turned op for growing good crops.

Overdriving Heavy Horses. Heavy draught horses were not made for fast road travel, and though they exhausted, but I do not like joining often have the muscle to trot quite fast it is always injurious to them to do so. There ought really to be on every farm teams for doing the heavy work and teams for doing the marketing and for pleasure driving. It makes a great difference when a heavy horse, weighing 1,250 pounds or more, goes over a hard roadbed, as compared with a light road horse doing the same thing. No bone or mascle can be strong enough to endure the hard pounding which a heavy draught horse makes in trotting. His feet will "go wrong," as horsemen say, and a horse with poor feet is not much good anywhere.

Preparing the Colts' Food. It is well to prepare the colt's food so that it shall be palatable, nutritious and easily digested. A good means of doing this is to mix fine-cut clover hay along with oat chop, bran and oil cake; moisten this with hot water, covering up with a non-conducting material, and allow it to remain in this state for twelve hours, when it will be in a sultable condition to feed. A small proportion of wheat middlings will not be amiss in this mixture, not even a few boiled turnips or carrots, providing they are found to give appetizing properties. Green corn and green clover prove very suitable fodder.-Prairie Farmer.

Shredded Ensilage. After shredding our ensilage for several years, we filled the silo one year with cut ensilage and found it necessary at once to brace all sides to keep it from bulging out-thus proving that ensilage shredded exerts much less lateral space than that which is cut. This feature would probably not be considered of so much importance by those whose silos are already constructed with reference to the use of cut ensilage, but in case a new silo is to be put up it can undoubtedly be built for

much less money by the shredder .-Country Gentleman. Stabling Cows in Bad Weather. So soon as fall rains begin, cows, especially those giving milk, should be stabled. The effect of rain on the hair of an animal is to induce heavy evaporation, which, of course, chills the animal, much as would the wearing of a heavy woolen coat, saturated with rain during the entire night. There is no way to keep up milk supply after wet weather begins except by stabling the cows. The wet weather is really much more injurious to the anima! than dry, cold weather could be.

Phosphates and Ashes. You ask for experience of anyone that has tried phosphate and ashes. 1 found that my land was more deficient in potash than other elements of plant food. I mixed equal parts of phosphate and ashes, and used 200 pounds to the acre for corn with good results. I have used it two years with good success. One year was very dry, and this year uncommonly wet, - Baltimore

Wheat or Corn for Fattening. Many of the experiment stations have been testing the value of wheat as compared with corn for fattening cattle, and give the preference to corn as better food for the purpose as well as the cheaper of the two. When ground and mixed with corn, oats and oatmeal, wheat has a value in giving a needed variation of diet.

Farm Notes. There is no bedding so suitable for hogs as leaves, and for sows having broods leaves cannot be surpassed. They retain warmth, can casily be removed, and cost only the labor of collecting and storage. The garden plot should be plowed in

the fall and then covered three or four inches with manure free from litter, worked in with a cultivator. In the spring the plot will be ready for seed early and the manure will quickly de-

compose. When a farmer becomes so busy as to be unable to work every portion of his farm it is the best evidence that he has too much land. The successful farmers are those who seek to bestow thorough cultivation to every acre, and small farms give a larger profit propor-

ate Plane.

Washington, Nov. 25.-The special naval board appointed to examine into the cost of armor-making will present to congress details of a plant which it turnips and beets in bins, using layers \$3,000,000 and have a capacity of 6,000 has designed. It will cost more than of clean, dry sand, followed by layers tons of armor per annum, which is of the roots, the bins being in cellars or about the combined capacity of the two barns, by which arrangement they can armor plants now supplying the navy. use them at any time, but the method The processes of manufacture will inwill not answer where large fields of clude the very latest developments in the art of metallurgy, and, while the plans contemplate the manufacture of harveyized nickel-steel armor, according to the methods used in the reforging process, they will admit of easy adaptation to the new secret Krupp processes of hardening armor by the use of gas. The plans are said to be per fect in every detail, and, having been drawn under the direction of one of the leading experts of the country, the specifications are said to be so well defined that no difficulty is expected to in securing straight bids. The board has prepared the form of advertisement calling for bids for erecting this plant. As congress desired that infomration, Secretary Long will soon issue the advertisement. It is the purpose to have all of the plans in the secretary's hands by the first of next month, and, if the advertisement is promptly sent out, it is thought that within three months at the latest con-

FOOTBALL AND THEATER.

gress will have before it full informa-

tion as to the cost of an armor plant, as

A Syracuse Clergyman Inclined to Fa

Syracuse, N. Y., Nov. 25 .- Rev. Dr. James R. Day, chancellor of Syracuse university, and a Methodist clergyman, says in a public address:

"I believe that some such game as football, which contains elements of roughness and danger, is necessary to the development of many young men in the universities and seminaries. The future is tending towards a more open playing of the game. I do not like the hurling of one mass of humanity against another until one or the other becomes the universal outery against the game. HOME PRODUCTS AND PURE FOOD.

"The American people are easily influenced into a general epidemic of reform, but I think football has come to It is encouraged by the faculty of Syracuse unversity. Football would fail in one of its chief features, I think, if it should not teach the young man self-control. A man who goes through a season of being trodden upon to this country to teach the people how and knocked down deserves fairly a to make tea. diploma in the art of self-control. It is very good discipline."

The chancellor further said: "I am told that many of the students attended the theater and listened to Mr. Jefferson. Now, I am a parson, and my privileges are restricted some-what. I believe with the church in regard to the theater in general. I am sorry that anybody thinks it wrong to see Jefferson. I believe that such men as he would redeem the stage from any doubtful characteristics."

These remarks were loudly applauded, especiall by the university

DISGRACE TOO GREAT.

A Youth Kills Himself Because His

Chicago, Nov. 25.-Grief and chagrin over the disgrace of his father, Charles W. Charnly, according to his friends, drove to suicide James Charn ly, who was found in his room in the Hotel Phister, Milwaukee, last night, with a bullet hole in his head.

Charles W. Charnly, former president of the Presbyterian board of aid for colleges and academies, disappeared last summer short some \$60,000 of funds entrusted to him. This weighed heavily on the son's mind.

Up to last night there was apparent. ly nothing to show who the dead man was. Last night a newspaper reporter from Chicago who was in the city visited the morgue with the deputy coroner the clothing. The discovery was made of the name "J. Douglas, Chicago." In the suicide's clothes. The reporter credit. I have recommended it to several the compound all the credit. and made a thorough examination of on returning to Chicago found that eral of my friends who are using it arriving at the Astor street house he was met by Douglas Charnly, cousin do without Mrs. Pinkham's remedies Douglas lived at 99 Astor street. On of the suicide.

cide has been out of work for some are a sure cure."—Mrs. ELLA KRINER, time, but that on Saturday he engaged with a firm somewhere in Kentucky to work as bookkeeper.

Two Duels in Germany.

caused in this city today by the report does the work promptly and well . Berlin, Nov. 25.-A sensation was of two duels between army officers. The first report came from Colberg, Prussia, and stated that Captain Hahn and Captain Ostraki had fought a duel there and that the latter had been dangerously wounded. Both men belong to the same regiment, stationed at Colberg. It is alleged that Captain Hahn had seduced his victim's wife. The second duel was fought at Nuerem. Lieutenant Siegmund, of the Seventyfifth regiment, mortally wounded Lieutenant Schoenfield, of the same regi-

Strengthening Gibraltar.

Washington, Nov. 25 .- In a report to the state department, Consul Sprague refers to a work in progress at Gibraltar that is not generally known. He says 3,000 workmen daily enter the fortress and labor on the extensive improvements now going on in the building of docks and other government

works. A mechanical device recently patent ed pastes paper labels on 100,000 tins in ten hours.

Burned to a Crisp.

Bethany, Mo., Nov. 23.-James Barker and Elmer Fruit, young men of prominent local families, were burned to a crisp in a fire that destroyed Blackburn Bros. livery barn early this morning. Two comrades tried to rescue them, but were nearly suffocated. It is said the fire started from a lantern by which the victims were playing

Firelighters are made in Germany by twisting wood into a rope, cutting it into short lengths, and dipping the ends of the pieces into melted resin.

THE CARETAKER.

Caretaker is a word adopted into modern ase and means one who takes care of, and is very generally applied to those employed to take care of things committed to their keeping. The way some people have of keeping. The way some people have of taking care of themselves is very suggestive of the heed of a caretaker. The human body to such is a mansion hiled with previous things uncared for, where thieves may break in and rust doth corrupt. Pains and aches are thieves, and the body left uncared for to their spollage will be robbed of all its comforts and despoiled of its peace of mind and happiness. It is a happy thought to look upon St. Jacobs Oil as a caretaker, to employ it as a watchman. caretaker, to employ it as a watchman against such intruders. There is hardly an ache, from a toothache to a toeache, that it can't take care of and effect a cure, and pains the most violent are conquered by its use. Its office as a caretaker is to prevent the spread of aches and pains into a chronic stage. Keep a bottle of it in the handiest place and be assured of good care

The most wonderful astronomical photograph in the world is that which as recently been prepared by London, Berlin and Parisian astronomers. It shows at least 68,000,000 stars.

MISERY BY THE WHOLESALE,

is what chronic inactivity of the liver gives rise to. Bile gets into the blood and imparts a vellow tint, the tongue fouls, and so does the treath, sitch headaches, pain beneath the right rise and shoulder blade are felt, the bowels be-come constituated and the stomach disordered. The proven remedy for this catalogue of evils is Hostetter's Stomach Bilters, a medicine long and profesicitally recommonded, and sovereign also for chills and fever, nervousness and rheumatism.

In the period 1882 to 1894 the criminal record in the German empire increased 22 per cent, or 12 per cent more well as offers from existing plants to than the population.

HOW'S THEST

We offer One Hundred Dollars Reward for an case of Gatarrh that cannot be cured by Hall' Catarrh Cure. F. J. CHENEY & CO., Toledo, O. We, the undersigned, have known F. J. Chene We, the undersigned, have known F. J. Chener or the last Lyears, and believe him perfectly corrable in all business transactions and manufally able to carry out any obligations

made by their firm.

Wholesale Druggists, Toledo, O.
Walniso, Kinnas & Marvin.
Wholesale Druggists, Toledo, O.
Hall's Catarrh Care is taken internally, acting directly upon the blood and mucous surfaces of the system. Testimonials free. Price 72c, per bottle. Sold by all druggists.

Hall's Family Piliware the best.

Japanese officers who fought in the ate war against China have petitioned their government to erect a monument to the memory of the horses that fell in battle.

All Eastern Syrup, so-called, usually very light colored and of heavy body, is made from purpose, "Tes Garden Drips" is made from sugar Came and is strictly pure. It is for sale by first-class grocers, in cans only. Manufactured by the Pacific Coast Syrup Co. All general by the Pacific Coast Syrup Co. uine "Ten Gorden Drips" have the manulat turer's name lithographed on every can.

Japan is about to send a lot of experts

"Ring Solomon's Treasure," only Aphrodisiacal Tome knows. (See Dictionary.) 55.00 a but, I weeks' treatment. Mason Chensoni Co., P. O. Box 747, Philadelphia, Pa.

A man who is fond of figures affirms that in battle only one ball in 85 takes

My doctor said I would die but Piso's Cure for consumption cured me.—Amos Keiner, Cherry Valley, Ill., Nov. 23, '96. Try Schilling's Best tea and baking powder.

There are more than 500 ordained women preachers in the United States, not including the numerous preachers

ABOUT CHANGE OF LIFE.

"I suffered for eight years, and could find no permanent relief until one year ago. My trouble was Change of Life. I tried Lydia E. Pinkham's Vegetable Compound, and relief came

almost immediately. I have taken two bottles of the Vegetable Compound, three boxes of Pills, the Sanative Wash, and

must say I have never had anything help so much. I have better health than I ever had in my life. I with like results. It has cured me of for anything. There is no need of so much female suffering. Her remedies Knightstown, Henry Co., Ind.

By the way, the leading druggists tell us that the demand for Lydia E. Pinkham's Vegetable Compound is simply beyond their power of under-standing; and, what is best of all, it



SANDEN ELECTRIC BELT CO. 153 West Washington St., Portland, Or.

OUR LIVER Is it Wrong? Get it Right. Keep it Right. Moore's Revealed Remedy will do it. Three doses will make you feel better. Get it from your druggist or any wholesale drug house, from Stewart & Holmes Drug Co., Seattle.

COMES WHERE ALL ELSE FAILE.
Best Coops Syrup. Transa Good. Dee
13 Upa. Smid by Gregales.

WEEKLY MARKET LETTER.

[Office of Downing, Hopkins & Co., Chicago Board of Trade Brokers, 711-714 Chamber of Com-merce Building, Portland, Oregon.]

No decided changes have occurred in wheat values during the week. The market has been principally noted for the absence of general speculation and the presence of several arguments that apparently warrant an advance. Crop advices in America, while showing an improvement in condition of the growing crop, most certainly indicate a decreased area seeded. The news from the Argentine crop has been sensation-General frosts have occurred, but the extent of the damage, if any, i only a matter of conjecture. The exact tacts cannot be ascertained for some time yet. Reports from Russia assert the rye crop to be very short and the oat crop poor. The export demand continues unabated, and in excess of our weekly surplus. It is a matter of recent history that export countries are liable to sell more than their available surplus of breadstuffs and be forced to come importers. This is evidenced in the case of Australia and the Argentine during the past year, and should our export clearances continue at the present rate it is entirely possible that American supplies may be likewise exhausted. Receipts at primary points are large, compared with last year, and visible stocks continue to increase. When the high values are taken into consideration together with the large crop produced last year, it is a matter of surprise that the primary receipts are not much larger. Advices from the northwest indicate that the move ment from first hands is decreasing. Export clearances of wheat and flour for the week were 6,653,791 bushels Large sales for export have been made during the week, partly the result of apprehended damage to the Argentine

The local speculative condition of the wheat market is very unsatisfactory. There is an absence of general speculative interest due partly to high values, but more particularly to the small stocks and the presence of more or less manipulation in the market. A large short interest exists entirely out of proportion to existing stocks. There is nothing in the general situation to warrant any decline. The result of the Argentine crop seems to be the determining factor regarding future values. Until the result is definitely known it seems that present values will be fully maintained and probably advanced.

There has been a decided improve ment in the cash demand for corn, both for Eastern account and for export. The government report, estimating the crop yield at 1,892,000,000 bushels, is not credited by the trade and entirely unwarranted according to private advices. physiologically superior.

Portland Market.

Wheat-Walla Walla, 74c; Val-Four—Best grades, \$4.25; graham, \$8.50; superfine, \$2.25 per barrel. Oats-Choice white, 34@35c; choice

gray, 32@33c per bushel. Barley-Feed barley, \$19@20; brew-

Millstiffs-Bran, \$15 per ton; middlings, \$21; shorts, \$15.50. Hay—Timothy, \$12@12.50; clover, \$10@11; California wheat, \$10; do oat, \$11; Oregon wild hay, \$9@10 per

Eggs—22 1/4 @25c per dozen. Butter-Fancy creamery, 50@55c; fair to good, 40@45c; dairy, 30@40c per roll.

Cheese - Oregon, 111/c; Young America, 1216c; California, 9@10c per pound. Poultry-Chickens, mixed, \$1.75@

2.50 per doezn; broilers, \$2.00@2.50; geese, \$5@6; ducks, \$3.00@4.00 per dozen; turkeys, live, 10@11c per pound. Potatoes-Oregon Burbanks, 35@40c

per sack; sweets, \$1.40 per cental. Onions-Oregon, new, red, 90c; yellow, 80c per cental.

Hops—8@13c per pound for new crop; 1896 crop, 6@7c. Wool-Valley, 14@16c per pound; Eastern Oregon, 7@12c; mohair, 20 @22c per pound.

Mutton-Gross, best sheep, wethers and ewes, \$2.50@2.60; dressed mutton, 5c; spring lambs, 536c per pound. Hogs—Gross, choice heavy, \$4.50; light and feeders, \$3.00@4.00; dressed,

\$4.50@5.00 per 100 pounds. Beef-Gross, top steers, \$2.75@3.00; cows, \$2.25; dressed beef, 4@51/2c per

Veal-Large, 41/4 @ 5c; small, 51/4 @

6c per pound. Seattle Market.

Butter - Fancy native creamery, brick, 27c; ranch, 16@18c. Cheese—Native Washington, 12)4c; California, 9 1/4 c.

Eggs-Fresh ranch, 30c. Poultry-Chickens, live, per pound, hens, 10c; spring chickens, \$2.50@ 8.00; ducks, \$3.50@8.75.

Wheat-Feed wheat, \$23 per ton. Oats-Choice, per ton, \$19@20. Corn-Whole, \$23; cracked, per ton, \$22; feed meal, \$22 per ton. Barley-Rolled or ground, per ton,

\$22; whole, \$22. Fresh Meats—Choice dressed beef, steers, 6c; cows, 51/c; mutton sheep, 6c; pork, 7c; veal, small, 7.

Fresh Fish-Halibut, 4@5c: salmon, 8@4c; salmon trout, 7@10c; flounders and sole, 3@4; ling cod, 4@5; rock cod,

5c; smelt, 21/6 4c. Fresh Fruit—Apples, 50@75c per box; peaches, 75@80c; prunes, 35@40c; pears, 75c@\$1 per box. San Francisco Market.

Wool-Nevada 11@18c; Oregon, 12 @14c; Northern 11@14c per pound. Hops—10@14c per pound. Millstuffs—Middlings, \$20@22; Cal-ifornia bran, \$16.00@16.50 per ton.

Onions-New red. 70@80c; do new silverskin, \$1.35@1.50 per cental. Eggs-Store, 18@26c; ranch, 41@ 48c; Eastern, 27@28; duck, 25c per

Potatoes-New, in boxes, 80@80c. Citrus Fruit-Oranges, Valencias, \$1.50@3.00: Mexican limes, \$2.50@ 3.00; California lemons, choice, \$2.00 @2.50; do common, 75c@\$1 per box. Hay-Wheat, 12@14.50; wheat and

oat, \$11@18; oat, \$10@12; river bar-ley, \$7@8; best barley, \$10@12; alfalfa, \$8@9.50; clover, \$8@9.50. Fresh Fruit—Apples, 35c@\$1 per large box; grapes, 15@35c; Isabella, 60@75c; peaches, 50c@\$1; pears, 75c \$1 per box; plums, 20@35c.

Butter-Fancy creamery, 27@28c; seconds, 25@26c; fancy dairy, 24c: good to choice, 21@23c per pound. $$2000^{60}$

says "It is worth a great deal to us to have you try Schilling's Best baking powder

Money-back says "We have a great deal of confidence in your good faith and in Schilling's Best baking powder and tea."

Schilling's Best baking powder and tea are because they are money-back.

What is the missing word?-not SAFE, although Schilling's Best baking powder and tea are safe.

Get Schilling's Best baking powder or tea at your grocers'; take out the ticket (brown ticket in every package of baking powder; yellow ticket in the tea); send a ticket with each word to address below before December 31st. Until October 15th two words allowed for every ticket; after that only one

word for every ticket. If only one person finds the word, that person gets \$2000.00; if several find it, \$2000.00 will be equally divided among them.

Every one sending a brown or yellow ticket will receive a set of cardboard creeping babies at the end of the contest. Those sending three or more in one envelope will receive an 1898 pocket calendar—no advertising on it. These creeping babies and pocket calendars will be different from the ones offered in the last contest.

Better cut these rules out.

Address: MONEY-BACK, SAN FRANCISCO.

Sea Water for Blood.

M. Quinton, as a consequence of his as all the higher organisms, according to the teachings of evolution, have ascended from a less highly organized marine ancestry, the liquid which bathes all the cells of the individual ought to be chemically similar to sea water. During experiments made at the college of France a dog was bled to such an extent that death would have inevitably followed had the animal been left alone. It was then given an intravenous injection of sea water. Ten days after the operation the dog showed, as tested by the colorimeter, a larger proportion of hemoglobin than before the bleeding. All dogs experi-mented on not only survived, but recovered with remarkable quickness. M. Quinton thinks it is on account of its gen. holding in suspension the same salts which are constituents of sea water that artificial serum holds the reputation that it does, and that sea water is

A pound of the finest spider web would reach around the world.

In France, some of the hospitals for infectious diseases are furnished with esearches in evolution, believes that telephones, so that the sick may converse with their friends without danger of communicating disease.

> The flag carried by Cortez, the Span-ish conqueror of Mexico, nearly 400 years ago, was until recently preserved at a little church in the capital of the state of Tlaxcala.

> Chicago is justly proud of her new public library. It has taken ten years to build and the actual cost was \$1,-315.07 less than the \$2,000,000 originally appropriated. Rarified air has been found by Herr

> Levinstein to produce strong fatty de-generation of heart, liver and muscles, with death through deficiency of oxy-Egypt's population, according to the census just taken, is 9,700,300, an in-

> crease of 2,900,000 since 1882, or about 42 per cent in 15 years. Minister Woodford, our minister to Spain, says he never wants to see an-

AN OPEN LETTER To MOTHERS.

other bull fight.

WE ARE ASSERTING IN THE COURTS OUR RIGHT TO THE EXCLUSIVE USE OF THE WORD "CASTORIA," AND "PITCHER'S CASTORIA," AS OUR TRADE MARK. I, DR. SAMUEL PITCHER, of Hyannis. Massachusetts,

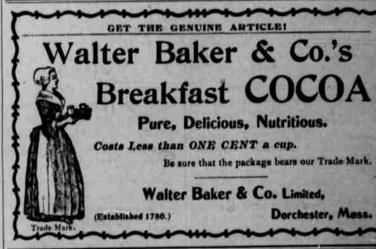
was the originator of "PITCHER'S CASTORIA," the same that has borne and does now hearth. Thicker wrapper. This is the original "PITCHER'S CASTORIA," which has been used in the homes of the mothers of America for over thirt years. LOOK CAREFULLY at the wrapper and see that it is the kind you have always bought hat H. Thickers on the and has the signature of hat H. Thickers wrapper. No one has authority from me to use my name except The Centaur Company of which Chas. H. Fletcher is

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