BEEF CATTLE

The farmer who raises and fattens mature steers has to furnish pasture for his cows, the yearlings, the 2-year-old and often for the 3-year-old steers, says H. M. Cottrell of the Kansas experiment station. He waits three years from the time a calf is born until he realizes on the investment, and only one-fourth of his herd are cows producing calves. If the farmer will produce "baby beef," he can fill his pasture to the full limit with cows producing calves, and he will realize on the calves 12 months from the date of their birth. The farmer's gain will produce from 50 to 100 per cent more pounds of "baby beef" than it will of beef from a mature steer, and for the past three years the "baby beef" animal has sold for as high prices per hundred as has the average steer.

In producing "baby beef" the farmer can market his heifer calves at the same price as his steers and will usually get more for the 12-month-old heifer than he would for the same animal if kept until maturity.

Experiments made at the Kansas experiment station show that the scrub cows may be bought at ordinary prices and if selected with dairy forms will produce from $50 to $75 worth of milk per year per cow at creamery prices. Our calves fed creamery skimmilk until weaning made the greatest gains in the feeding lots and sold at $40 to $45 per head. This shows that a gross income of from $90 to $120 per cow can be made by the dairyman who will push both cow and calf.

The farmer who produces "baby beef" should raise alfalfa and feed alfalfa hay to both cow and calf every day in the year. Cowpea, soy bean, field pea and red clover hays may be used to give variety, and this means that the farmer will grow leguminous crops largely, and these will continually improve his fields.

The calves used in this experiment were "common" bred ones, and they made good gains. The farmer whose business is producing "baby beef" should use the best type of bull that he can secure—short legged, thick meated, blocky and quick maturing. A few farmers who are doing this are producing year old calves that average 1,000 pounds each. This means $50 and upward per head for every steer and heifer.

Steers Fattened on Alfalfa.

An Oregon stock raiser gives his experience in Breeder's Gazette of fattening steers on alfalfa hay alone. He says: I began feeding 50 head of steers Oct. 12 last which I bought by weight, the average being 917 pounds. In feeding I always make it a practice to keep salt in the troughs. This year I used a condition powder, mixing eight pounds of it to 100 pounds of salt. I sold and weighed the 50 steers Feb. 28, their average weight being 1,240 pounds, making a net gain of 323 pounds, which is a third more gain than in previous years.

Ration For Steers.

The amount of alfalfa hay in addition to maintenance required for a pound of gain will depend on the amount fed or the quantity that the animal will eat and assimilate over and above that required for maintenance, says Luther Foster of the Wyoming experiment station. Alfalfa alone does not make a well balanced ration for growing steers. It has too much digestible protein in proportion to the other nutrients. For best results it should be fed with some concentrate, such as corn, very rich in nitrogen free extract.

Veterinary

When a horse is afflicted with poll evil, the lump should be lanced, and if any pus is in it cut it so that it will drain out thoroughly, and inject a little peroxide of hydrogen into the cavity where the pus is as long as it forms, then inject a little of the following: Formaldehyde one dram, bichloride of mercury one dram, dissolved in two ounces of alcohol and one quart of water. Use this three times a day after washing well with water and soap.

For Contracted Hoofs.

When a horse's feet are contracting and pressing on the soft structures of the foot, pare the feet so that the frog extends a quarter of an inch or so below the level of the wall at the heel, and if much contracted rasp the walls over the quarters thin and thin the sole till it yields to pressure, especially along the frog, and let him go barefooted. In a month or six weeks he will get over the tenderness.

When Hogs Are Sick.

Whenever a hog seems to be sick, it should be separated from the well ones and a rigid examination made to find the cause. Then the cause should be removed. In case of infectious disease this process should be reversed and the well ones removed.

Weak Eyes In Horses.

Keep a dark shade over the eyes during the daylight, bathe the eyes twice a day well in hot water and put a few drops of the following lotion in the eyes after the bathing with a camel's hair brush: Four grains of sulphate of zinc, four grains of morphine, ten grains of cocaine and one ounce of water.

Black Tongue In Cattle.

Black tongue is one of the forms of anthrax. The tongue turns black, and the animal dies in a few hours. It is contagious and infectious and is incurable, and all carcasses should be burned. If it appears in a herd of stock, the well ones should be vaccinated with anthrax vaccine and not blackleg vaccine.

The Sword In Arabia.

The Arabic vernacular furnishes a singular illustration of the popularity of war in the east. It has over 50 names for the sword.

CASTORIA
For Infants and Children.
The Kind You Have Always Bought
Bears the Signature of Chas. H. Fletcher

FACTS IN FEW LINES

During the year ended June 30 last there were 4,200 cases of smallpox in Tennessee.

The population of the United Kingdom passed that of France for the first time in 1892.

In the first five months of 1901 France imported $27,365,000 more gold than it exported.

Tasmania, in proportion to its area, is the richest of Australasia's colonies in mineral wealth.

Nearly 2,000 farmers within 30 miles of Chicago have had their houses equipped with telephones.

Japan has two imperial universities, one at Tokyo, the other at Kioto. The latter is only three years old.

Over 7,000 men deserted from the French army last year. Great Britain's record for desertion is under 300 in one year.

A Belgian pigeon won the great race from Burgos, in Spain, to Brussels. The distance is 700 miles, and the time taken was just 14 hours, which is at the rate of 50 miles an hour.

Potatoes have ceased to be the principal root crop of Ireland if they are to be compared with turnips by weight or yield—last year, for example, only about 1,542,000 tons against 4,426,000 tons of turnips.

The Canadian government is installing the Marconi wireless telegraphic system in the gulf of St. Lawrence, and the steamer Tyrian has been dispatched to establish the first station at West Point, Anticosti.

A prayer book was recently lost by an elegantly dressed lady in a Berlin confectioner's and found, to the disgust of the loser. The book had three compartments—one for prayers, one for sweets and one for brandy.

The book "Abdul Hamid Intime," which has just been published in Swedish translation, was prohibited by the Swedish government at the request of the Turkish minister. A jury of well known Swedish authors and journalists has decided that the book is not criminal.

There will soon be no newspapers left in Finland if the Russian government continues its crusade. Two dailies, Pojalainen and Wiborgbladet, have been suppressed, and the publication of four other papers has been suspended for periods of from 15 days to four months.

In a recent lecture at Gresham college Dr. Symes Thompson in speaking of the effects of climate remarked that it had become necessary to sublet English government work in Egypt because it was found that the natives would only work when chastised, and it was a rule that a British officer must not strike a native.

An English organization known as the Decimal association, with headquarters at Botolph House, East Cheapside, London, is promoting by means of distributed literature the adoption of the metric as the legal system of England. The matter which they send out is interesting and may be had for the asking.

Russian detectives have been told off to watch Russian students studying in Germany for the purpose of ascertaining whether they have had anything to do with fomenting the disturbances in Russia. German students in Berlin have been molested by the detectives, who have followed them into houses and cafes and questioned them.

Consul Mahin of Reichenberg says that, according to a report from Brussels, a Belgian engineer by the name of Tobiansky has discovered a method by which smoke can be turned into light. In operating his device the inventor collects the smoke from any kind of a fire and forces it into a receiver. It is then saturated with hydrocarburet, and a brilliant light results.

The Salvation Army commander some three years ago bought 1,000 acres of land in Colorado, to which has lately been added 1,000 more, and the task of colonizing great farms in the west with the surplus poor of the cities is being prosecuted with great earnestness and with great success as well. These farm colonies are now being multiplied in all parts of the country.

The Paris fire department has adopted automobile fire engines and hook and ladder trucks, and they are notably superior to the old apparatus. The engines are run by storage batteries. The electricity is used not only to propel the engine, but to work the pumps also. There is no delay getting up steam, and one charge of the accumulators will keep the pumps going five hours.

Forewarned, Forearmed.

The liability to disease is greatly lessened when the blood is in good condition, and the circulation healthy and vigorous. For then all refuse matter is promptly carried out of the system; otherwise it would rapidly accumulate—fermentation would take place, the blood become polluted and the constitution so weakened that a simple malady might result seriously.

A healthy, active circulation means good digestion and strong, healthy nerves.

As a blood purifier and tonic S. S. S. has no equal. It is the safest and best remedy for old people and children because it contains no minerals, but is made exclusively of roots and herbs.

No other remedy so thoroughly and effectually cleanses the blood of impurities. At the same time it builds up the weak and debilitated, and renovates the entire system. It cures permanently all manner of blood and skin troubles.

SSS

Mr. E. E. Kelly, of Urbana, O., writes: "I had Eczema on my hands and face for five years. It would break out in little white pustules, crusts would form and drop off, leaving the skin red and inflamed. The doctors did me no good. I used all the medicated soaps and salves without benefit. S. S. S. cured me, and my skin is as clear and smooth as any one's."

Mrs. Henry Siegfried, of Cape May, N. J., says that twenty-one bottles of S. S. S. cured her of Cancer of the breast. Doctors and friends thought her case hopeless.

Richard T. Gardner, Florence, S. C., suffered for years with Boils. Two bottles of S. S. S. put his blood in good condition and the Boils disappeared.

Send for our free book, and write our physicians about your case. Medical advice free.

THE SWIFT SPECIFIC CO., ATLANTA, GA.

For a number of years the largest ships using the Suez canal have sailed under the German flag. Further, Germany has on the average larger ships than England, for while the average size of the German vessels is 4,431 registered tons the average size of British vessels is only 4,016 tons. Twenty years ago only 15 German vessels passed the canal, and now the number has reached 462.

A Paris schoolmaster has petitioned the French chamber against kings still being portrayed on French playing cards. He suggests that kings should be replaced by pictures of Thiers, MacMahon, Grevy and Carnot and queens by equally prominent republican women. The parliamentary commission sitting on the petition has replied that the change is impossible since it would ruin quite a number of playing card factories.

An imperial ukase decrees the building of the Russian Northern railroad, which is to connect St. Petersburg, Tichwin, Tacherepovetz, Valogda, Bui, Galitch and Viatka. This line is to be begun next year and will be built by the government, as also a branch from Bui, to connect at Danilow with the Moscow-Yaroslavl-Archangel line. A part of the latter is to be broad gauge, and a bridge is to be built to cross the Volga at Yaroslavl.

ALL ABOUT MILLET.

When to Sow and What Variety. Hard on the Land and Needs Manure.

I am asked a number of questions regarding millet, says L. W. Lighty of Pennsylvania in The National Stockman and Farmer. When shall I sow? Millet can be sown any time after corn planting up to August in our latitude. Last season we were in the rainless district, and the ground was as dry as powder for a few months, until the beginning of August, when we had a shower. I then seeded two and one-half acres, and in about 45 or 50 days it cut over seven tons of excellent hay, and it made the growth with the aid of only two very light showers. With plenty of heat and moisture it grows very rapidly.

What variety? I tried a number of varieties, but the German or Golden millet gave me the most satisfactory results. How much seed to the acre? If seeded rather thick, it makes a finer growth and better quality of hay. It also is more likely to smother the weeds. But the weeds often make us trouble in the early sown millet.

The ideal method to get ahead of the weeds is to prepare the land in the spring and then allow the weeds to germinate and harrow it thoroughly, allow another germination and then, about the middle of July, make a very fine seed bed and sow, and very few weeds will grow. But many times we want to use the land for other purposes or the weather will not allow.

I often grow a crop of Canada peas or oats before millet, and when that is off disk the ground thoroughly and seed to millet, thus taking two crops in one season. I sow the seed broadcast. Sow only clean seed.

Is it hard on the land? Should I use stable manure or fertilizer? Yes, it is hard on the land. Like timothy, it takes all its food from near the surface. Being a quick grower, it needs plenty of readily available plant food, so I prefer to plow or work in well rotted stable manure and use a quick acting fertilizer. A good fertilizer on my soil I found to be 150 pounds of S. C. rock phosphate, 50 pounds nitrate of soda and 50 pounds muriate of potash.

It makes a good soiling crop. For hay I like to cut it when the earliest heads have made seed, but the average heads are just in blossom. If properly cured, this makes a very palatable hay.

TWIN SILOS.

Of Large Capacity and Built to Last a Lifetime.

I am moved to send you a little sketch of twin silos recently put up by a large dairy company in New Jersey. These silos are of large capacity, being 22 feet in diameter and 30 feet high inside, and made of brick and stone throughout.

The plan is that given by Professor King in the Wisconsin bulletin on silos, with one notable exception. The doorway has no wooden frame, as given in the bulletin, but the door is clamped to the inside of the opening by strong rods, which pass to a timber across the outside. There is thus no woodwork to decay that cannot be easily replaced. These silos cost about $800 each and are calculated to last a lifetime, writes a correspondent to Rural New Yorker.

DOUBLE BARRELED NEW JERSEY SILO.

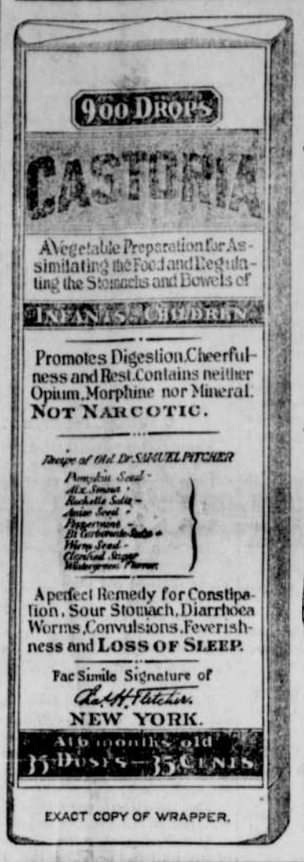
Johnson Grass.

Johnson grass has received considerable attention in Kansas lately. It is exceedingly difficult to eradicate the grass on land where it has obtained a foothold, and for this reason it may become a pestiferous weed. Hogs are rather fond of the root stocks and when confined upon a plot of the grass will destroy it. But on soil adapted to its growth it requires great care to eradicate it. If one wishes to grow Johnson grass, the best plan is to devote a field to the purpose without expecting to subsequently put the field in cultivation. With care it can be confined to this field. After a few years the ground becomes so full of root stocks that the development is hindered. To rejuvenate a field it should be plowed and harrowed in the spring or else thoroughly disked.

Japanese Chess.

Japanese chess is the most intricate game in the world. The board has 81 squares, 20 pieces are used, and the pieces change in grade when they arrive at a certain position on the board.

CASTORIA.
Bears the Signature of Chas. H. Fletcher. The Kind You Have Always Bought



EXACT COPY OF WRAPPER.

CASTORIA
For Infants and Children.
The Kind You Have Always Bought
Bears the Signature of Chas. H. Fletcher.
In Use For Over Thirty Years
CASTORIA
THE CENTAUR COMPANY, NEW YORK CITY.

Watch Glasses.

A single workman can cut 6,000 watch glasses a day.

Night Workers.

In all big cities there are multitudes of folk who work in the nighttime. In London fully 100,000 inhabitants earn their bread by the sweat of their brows between sunset and sunrise.

Great Letter Writers.

The inhabitants of the province of Ontario write more letters than those of all the rest of Canada.

No Snakes In Alaska.

There are no snakes or frogs in Alaska, but there are toads.

Judges' Gowns.

When it comes to wearing the silken gown of a supreme court justice, considerable practice is required in order that the long skirts may not get in the way and interfere with the progress of its wearer.

SAWYER'S EXCELSIOR
Keep Out the Wet
SAWYER'S
Excelsior Brand
OIL CLOTHING
The best waterproof garments in the world. Made from the best materials and warranted waterproof. Made to stand the roughest work and weather.
Look for the trade mark. If your dealer does not have them, write for catalogue to
B. F. Belting and Packing Co., Agts., San Francisco, or H. M. SAWYER & SON, Sole Mfrs. East Cambridge, Mass.

Pioneer White Lead
IS ABSOLUTELY PURE AND WILL OUTWEAR ALL OTHER LEADS
If your local dealer does not carry it, write to us and we will see that you get it.
W. P. Fuller & Co.,
PORTLAND, OREGON.

To Detect Ozone.

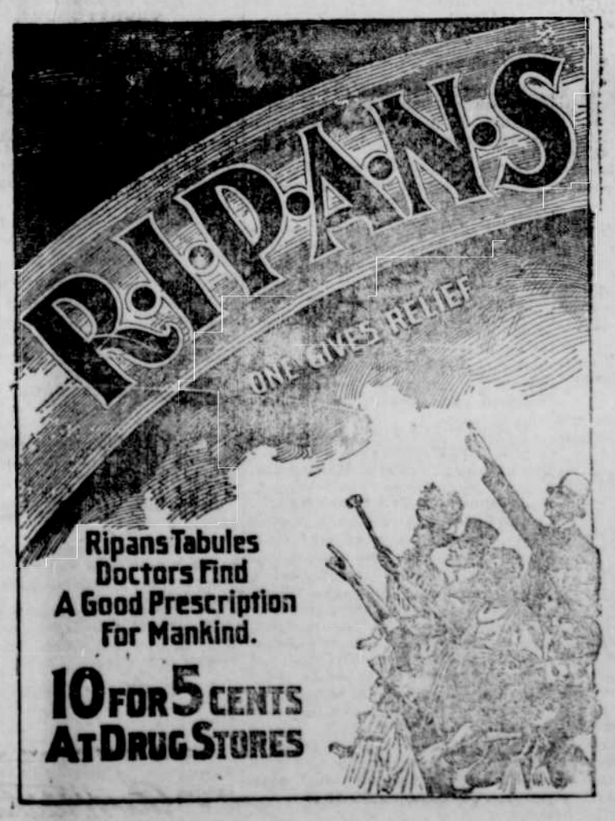
After the passage of an electric storm there is quite an appreciable amount of ozone in the atmosphere, so much so that its presence may frequently be detected by exposing a piece of blotting paper previously dipped in a solution of starch and iodine of potash, when it will be turned blue.

In the Long Ago.

In prehistoric times the rhinoceros flourished in California, while large lions and tigers lived in the jungles.

There's no reflection so dainty, no light so charming as the mellow glow that comes from
CORDOVA Wax Candles
Prepared in many color tints to harmonize with surroundings in dining room, drawing room, bed room or hall. Sold everywhere. Made by
STANDARD OIL CO.

Lazy Liver
"I have been troubled a great deal with a torpid liver, which produces constipation. I found CASCARETS to be all you claim for them, and secured such relief the first trial, that I purchased another supply and was completely cured. I shall only be too glad to recommend Cascarets whenever the opportunity is presented." J. A. SMITH, 2920 Susquehanna Ave., Philadelphia, Pa.
CANDY CATHARTIC
Cascarets
TRADE MARK REGISTERED
REGULATE THE LIVER
Pleasant, Palatable, Potent, Taste Good, Do Good, Never Sicken, Weaken, or Gripe. 10c, 25c, 50c
... CURE CONSTIPATION. ...
Sterling Remedy Company, Chicago, Montreal, New York. 229
NO-TO-BAC Sold and guaranteed by all druggists to CURE Tobacco Habit.



DRINK AND HEREDITY.

Views of a Chicago Judge on a Serious Subject.

A presiding judge in one of the Chicago courts recently made these remarkable statements, which deserve publicity and should be read by every thinking Christian throughout the world. He said:

"You may ransack the pigeonholes all over the city and country and look over such annual reports as are made up, but they will not tell half the truth. Not only are the saloons of Chicago responsible for the cost of the police force, the 15 justice courts, the bridewell, but also the criminal courts, the county jail, a great portion of Joliet prison, the long murder trials, the coroner's office and the madhouse.

"Go anywhere you please, and you will find almost invariably that whisky is at the root of the evil. The gambling houses of the city are the direct outgrowth of the boon companions of drink. Of all the boys in the reform school at Pontiac and in the various reformatories about the city 95 per cent are the children of parents who died through drink or became criminals through the same cause. Of the insane and demented disposed of here in the court every Thursday a moderate estimate is that 90 per cent are alcoholic and its effects.

"I saw estimated the other day there were 10,000 destitute boys in Chicago who are not confined at all, but are running at large. I think that is a small estimate. Men are sent to prison for drunkenness, and what becomes of their families? The county agent and poorhouse provide for some. It is a direct expense to the community. Generally speaking, these families go to destruction. The boys turn out thieves, and the girls and mothers generally resort to the slums. The sandbaggers, murderers and thugs generally of today who are prosecuted in the police courts and in the criminal courts are the sons of men who fell victims to drink. The percentage in this case is fully 65 per cent."

NOT A BLOODMAKER.

Scientific Reason Why We Should Not Drink Alcohol.

Can blood be made from alcohol? This is a very important question and one on which there is a great diversity of opinion. Paracelsus first made use of pure alcohol for the preparaton of his elixir vitæ. Thousands of physicians today recommend that mothers, invalids and other feeble persons drink wine and beer with the idea that these liquors make blood. Perhaps this notion grew out of the similarity in color of wine and blood. At any rate, it is the red wines that are largely consumed for this purpose.

But wine cannot make blood. Wine interferes with the bloodmaking process. To be converted into blood a substance must contain some of the properties of blood. Wine does not resemble blood. It is diluted alcohol. Hence it cannot be converted into something so radically different from itself as blood is.

Blood is just as much flesh as any other part of the body. It is liquid tissue; it is liquid flesh; it is a vitalized fluid and as much alive as the brain or a nerve.

Alcohol is lifeless; consequently it cannot be changed into blood. Nothing but good food—fruits, grain and nuts—can make pure blood. These foods become blood through digestion. Examinations of men who have drunk alcohol have revealed the liquor in the brain, liver and muscles. Indeed the whole body was saturated with alcohol as a sponge with water. The poison has been detected in the perspiration and in the secretions of the kidneys. By distilling the breath of such persons it has been possible to obtain the alcohol again. So alcohol does not make blood and tissue.—Good Health.

English Army Temperance.

The Army Temperance association has held its annual meeting in London, Lieutenant General Forestier-Walker presiding. The annual report shows that there are 335 branches of the association, 25 of which are now in South Africa. The chairman testified that the conduct of British soldiers in South Africa has been excellent and that he believes that the work of the association in raising the moral standard of the men has had much to do with it. Captain Riley of the rifle brigade declared that he believes the most important thing that could be done to improve the efficiency of the British army would be to induce its members to become teetotalers.

Intemperance of Women.

Bishop Leighton Coleman of Delaware at a meeting of the Church Temperance society said: "The great work of the society for the coming year and, in fact, for the entire century, while not neglecting the men, is to reclaim the women, for I tell you that intoxication is growing among women at a faster rate than among men. During the last 50 years statistics prove that, while intoxication among men has steadily decreased, the increase among women has been most alarming. The future of the world depends on the mothers even more than on the fathers, and what is going to become of us if our women become inebriates?"

Valuable For the West.

Hairy vetch (Vicia villosa) promises to be one of the best winter growing plants, both for forage and green manure purposes, in California. Besides hardiness against frost, it has a marked drought resistance.

The mealy saltbush (Atriplex halimoides) gives promise of surpassing in value even the Australian saltbush (A. semibaccata) on dry lands and gives indications of being of value in so called desert situations.

Agricultural Brevities.

"The queen of the money makers" is the latest and proud title bestowed by the poultry press upon the American hen. Cotton, corn and wheat are said to be the only farm staples that exceed her output in value.

Bone is the thing to use on peach trees every time, says one grower.

Dig out the peach tree borers and jar the curculio.

The cause of foam rising on extracted honey is said to be unripe honey.

Minnesota beekeepers in convention seemed to favor sweet and alsike clovers as good to sow for bee pasture.

Bright's Disease.

The largest sum ever paid for a prescription, changed hands in San Francisco, August 30th, 1901. The transfer involved in coin and stock $112,500 and was paid by a party of business men for a specific for Bright's disease and diabetes, hitherto incurable diseases. They commenced the serious investigation of the specific November 15th, 1900. They interviewed scores of the cured and tried it out on its merits by putting over three dozen cases on the treatment and watching them. They also got physicians to name chronic, incurable cases and administered it with the physicians for judges. Up to August 25th, eighty seven per cent of the test cases were either well or progressing favorably. There being but thirteen per cent of failures, the parties were satisfied and closed the transaction. The proceedings of the investigating committee and the clinical reports of the test cases were published and will be mailed free on application. Address John J. Fulton Company, 420 Montgomery street, San Francisco, California.

The to Public.

Allow me to say a few words in praise of Chamberlain's Cough Remedy. I had a very severe cough and cold and feared that I would get pneumonia, but after taking the second dose of this medicine I felt better three bottles of it cured my cold and the pains in my chest dissappeared entirely. I am most respectfully yours for health, Ralph S. Myers, 64 Thirty-seventh street, Wheeling, West Virginia. For sale by Adam K. Wilson

For Over Fifty Years.

An old and well tried remedy. Mrs. Winslow's Soothing Syrup has been used for over fifty years by millions of mothers for their children while teething, with perfect success. It soothes the child, softens the gums, allays all pain, cures wind colic and is the best remedy for diarrhoea. Is pleasant to the taste. Sold by druggists in every part of the world. 25 cents a bottle. Its value is incalculable. Be sure and ask for Mrs. Winslow's Soothing Syrup and take no other kind.

Vagaries of a Cold.

You can never be quite sure where a cold is going to strike you. In the fall and winter it may settle in the bowels, producing severe pain. Do not be alarmed or torment yourself with fears of appendicitis! At the first sign of a cramp take Perry Davis' Painkiller in warm, sweetened water and relief comes at once. There is but one painkiller, Perry Davis'. 25 and 50 cents.

It is Easy to Say

"Be careful," but we must all go from heated houses into chill outer air, and the change sets us coughing more or less. Yours respectfully—J. Kimbal, Judge for yourself. A trial size can be had for the small sum of 10 cents. Supplied by druggists or mailed by Ely Brothers, 56 Warren street, New York. Full size 50 cents.

Coal and Soot.

A ton of soot results from the burning of 100 tons of coal.

Five Big Streams.

There are five rivers in the world which drain over 1,000,000 square miles. They are the Amazon, La Plata, Obi, Kongo and Mississippi.

Mississippi Fishers.

Over 7,000 persons are employed in the fishing industry on the Mississippi river and its minor tributaries.

An Ankle Sprain.

An ankle sprain is a stretching or tearing of the ligaments of the joint, caused by a sudden twist, the weight of the body being unexpectedly applied to the ligaments, as if by a lever. In most cases the foot is turned inward, and hence it is external ligaments that suffer.

Arrow Shooting.

In 1794 the secretary to the Turkish embassy in London shot an arrow against the wind the extraordinary distance of 415 yards and back with the wind nearly 50 yards farther.

An Iceland Tidbit.

The Icelander eats dried fish and butter just as we eat bread and butter.

A Sulphur Mountain.

The Mexican volcano Popocatapetl was utilized as a source of sulphur more than 400 years ago.

Kerosene.

Kerosene is not only used to take off the starch that has gathered on the iron, but if a cloth dampened in it is rubbed over the face of the iron occasionally starch will not stick to it.

A Corkscrew.

A convenient substitute for a corkscrew when the latter is not at hand may be found in the use of a common screw with an attached string to pull the cork.

Sugar In Europe.

Gibbon says that sugar was first brought from Asia to Europe A. D. 625.

A High Jump.

A kangaroo has been known to clear a height of 11 feet at a jump. The best record of a deer is 9 feet 6 inches.

The Oldest Weapon.

The oldest known weapon was the club. The clubs of the lake dwellers of Switzerland studded with stones in default of nails and thus making formidable weapons have been recovered from their habitations.

Russia.

Russia is primarily an agricultural country and must always be such. Grain, vegetables, timber and cattle raising, with their closely allied products, are the mainstay of the Russian workman.

Walking a Mile.

In walking a mile a man uses 17½ foot tons of energy. An ordinary day's work consumes 300 tons.

A Pleasant Cure.

Ice cream is said to be an infallible remedy for hiccoughs.