Fighting the Beef Trus Portland, Oregon.

Why Deep Streams Run Still. Deep streams run still-and why? Not because there are no obstacles, but because they altogether overflow these stones or rocks round which the shallow stream has to make its noisy way.-William Smith.

DR.WM. PFUNDER'S

A Tonic, Alterative and Resolvent, The best remedy for Kidneys, Liver and Bowels. Eradicates Pimples, Eruptions and Disorders of the Skin. Purifies the Blood and gives Tone, Strength and Vigor to the entire system.

The Last Dollar.

When a man has a dollar to spend and knows where to get many more blows it in heedlessly and then rails at its small buying capacity. To the last a man has, and he knows not slits, like this: where in the world to get another, and if he turns that coin over and over and thinks and plans how to make every mill of every cent do its utmost, he will make it elastic enough to cover many needs, and then is amazed at its great purchasing power .-New York Press.

When Your Eyes Need Care

Try Murine Eye Remedy, No Smarting—Feela Fine—Acts Quickly. Try it for Red, Weak, Watery Eyes and Granulated Eyelids. Illustrated Book in each Package. Murine is compounded by our Ocullsis—not a "Patent Medicine"—but used in successful Physicians' Practice for many years. Now dedicated to the Public and Soid by Druggists at 25c and 50c per Bottle. Murine Eye Salve in Aseptic Tubes, 25c and 50c. Murine Eye Remedy Co., Chicago

Since the Telephone.

In 1876, the year in which Alexander Graham Bell invented the telephone. there were no skyscrapers, no trolley cars, no electric lights, no gasoline engines, no self-binders, no bicycles nor motor cars.-Magazine of American History.

Two Uses for Burmese Teas. The tea grown in Burma is used almost entirely for pickling. Afterward it is eaten as a condiment.

SEVEN YEARS OF MISERY

How Mrs. Bethune was Restored to Health by Lydia E. Pinkham's Vegeta-

ble Compound.



time every month, was so nervous and weak that I dreaded to see anyone or have anyone move in the room. The doctors gave me medicine to ease me at

ose times, and said that I ought to have an operation. I would not listen to that, and when a friend of my husband's told him about Lydia E. Pinkham's Vegetable Compound and what it had done for his wife, I was willing to take it. Now I look the picture of health and feel like it, too. I can do all my own housework, work in the garden and entertain company and enjoy them, and can walk as far as any ordinary woman, any day in the week. I wish I could talk to every suffering woman and girl, and tell them what Lydia E. Pinkham's Vegetable Compound has done for me."-Mrs. DEMA BETHUNE, Sikeston, Mo.

Remember, the remedy which did this was Lydia E. Pinkham's Vegetable

flammation, ulceration, tumors, irregularities, periodic pains, backache, that a "labor" of moles. bearing down feeling, indigestion, and nervous prostration, after all other means to rest, a hart was said to be "har-have failed. Why don't you try it?" bored," a roebuck "bedded," a hare

Painless Dentistry



bridge work for outof-town patrons in
one day if desired.
Painless extraction
free when plates or
bridge work is ordered. Consultation free. Malar Crowns \$5.00 22k Bridge Teeth 4.60 Beld Fillings 1.00 Enamel Fillings 1.00 Silver Fillings 5.50 lood Nubber 5.50

se Dental Co., Inc. **Painless Dentists** ilding, Third and Washington, PORTLAND, ORE.

No 28-12

forthe.

SIGHT OF CAT IN THE DARK

When Feline Is In Search of Mouse Where the Light Is Dim Pupils of Eyes Open Wide.

Some persons will tell you that cats can see in the dark. Now nothing can see in the dark, but some animals can see with a great deal less light than others, just as some cameras will take a picture with less light than others. You open or close the lens in a camera according to the amount of light, or else you speed up the shutter or slow It down.

The human eye does this automatically, as the pupil expands or contracts according to the amount of light to which it is exposed; but cats can expand or contract the pupils of their eyes at pleasure, just as you open or shut the stops in the lens of your camera.

When cats are not particularly anxious to see anything the pupils of be sure a dollar isn't much, but if it's their eyes become nothing but narrow



Pupils at Ease.

But when a cat is hunting a mouse n a room where there is very little light, or when the cat is being hunted by some bad boys and wants to see every move the boys make, it opens the pupils of its eyes until they are perfectly round.



Pupils Open Wide.

Sikeston, Mo. — "For seven years I suffered everything. I was in bed for four or five days at a time every month."

Sikeston, Mo. — "For seven years I gleam in this wide open pupil, which is the reflection of the light at the back of the cat's eye.

Extra contract the contract of the c

cramps, backache and headache, and Many of Terms Is Our Inheritance From Middle Ages-Phraseology Extended to Man.

> Much of the language used in various sports is our inheritance from the middle' ages. Different kinds of beasts when in companies were distinguished by their own particular eptthet, which was supposed to be in some manner descriptive of the habits of the animals. To use the wrong and rowdyism, fairer observers found form of these words subjected the a kind of regeneration-no sudden would-be sportsman to ridicule.

Many of these terms have passed away, but some of them are still re vance in physique and morals. tained. This list from the middle ages is still good usage today. A "pride' of lions, a "lepe" of leopards, a "herd" of harts and of all sorts of deer, a you have somewhat to speak; care "bevy" of roes, a "sloth" of bears, a not for the reward of your speaking "singular" of boars, a "sounder" of wild but simply and with undivided mind swine, a "route" of wolves, a "harras" of horses, a "ray" of colts, a "stud" of Carlyle. mares, a "pace" of asses, a "barren" of mules, a "team" of oxen, a "drove" of kine, a "flock" of sheep, a "trite" of It has helped thousands of women who goats, a "skulk" of foxes, a "down" of the teaching of it is easy. If you live ve been troubled with displacements, bares, a "nest" of rabbits, a "clowder" among those who dally call blessing of cats, a "schrewdness" of apes and on life, is shall not be long ere you

> Also, of animals when they retired bored," a roebuck "bedded," a hare "formed," a rabbit "set." Two greyhounds were called a "brace," but two harriers were called a "couple." There the books and hearing the conversanumber, a "kennel" of raches, a "lit- meaning of it all.—William James. ter" of whelps and a "cowardice" of

This kind of descriptive phraseology was not confined to birds and beasts, but was extended to the human specles and their various propensities. natures and callings.

Care of Persian Girls.

"Great care is taken that the Persian girls shall conform to the recognized standard of beauty, which rejuires her to have a cypress waist, a full-moon face, gazelle eyes and eye-brows that meet," says a traveler. 'Her eyes, brows and hair must be black as night, her lips, cheeks and gums as red as blood, her skin and eeth as white as almonds, and her back, limbs and fingers long. If these conditions are naturally absent they are supplied, as far as possible, by art. Persian women are always painted, their eyes darkened with khol and their fingers stained with henna."

Genuine Maple Sugar Scarce. There are few people outside the naple sugar making districts, says s writer in the Country Gentleman, who really know what the genuine article tastes like. The superior flavor thus spoken of is probably due in a degree to the same causes that make strawberries eaten off the vine and cherries consumed on the tree so delectable. The writer quoted, however, puts some of the blame for the poor flavor of

Try Murine Eye Remedy for Red, Weak, Watery Eyes and Granulated Eyelida to Smarting—Just Eye Comfort.

wholesale dealer and mixer."

Would That This Were True.

The principal authors met and form ed a union for the sake of publishing a set of rules of writing. As a prelim ashes from his cigarette or cigar. Also T. D. Beckwith. that no heroine shall hereafter bury

Red Cross Ball Blue, all blue, best bluing value in the whole world, makes the laundress smile.

Modern Medical Doctrines.

At a conference on hospital social service in New York city one of the speakers said that the hospital of the future must keep a record of the social histories of all patients, just as now their medical histories are kept Rhubarb and soda, said another speaker, illustrating the necessity for psychological remedies for patients, had in one case proved useless as a cure for indigestion until the sufferer, a grief-stricken mother, was relieved from worry over an absent boy.

The Modern Voice. "The voice what is cryin' in the wil-

derness this day an' time is advertising real estate-stakin' off mansions on earth; an' if the voice is only loud enough it's sure to catch the crowd." -Atlanta Constitution.

Mothers will find Mrs. Winslow's Soothing Syrup the best remedy to use for their children furing the teething period.

The Elevating Touch.

"Don't you think music has a refin-ing influence?" "It must have," replied Miss Cayenne. "Some of the popular songs contain language that it would be impossible to employ in any other way."

Simple Cure for Indigestion. When suffering from indigestion drink a cup of hot water, and at once lie on the right side. This will promote the passage of the food from the

stomach to the intestine.

The Domestic Bourbons. Some men's idea of keeping abreas. of the times is to stay home and read the stories in the magazines when it rains on Sunday afternoons, and there isn't any ball game.-Ohio State Jour

Electrical Thief Catcher.

A new electric thief catcher for stores consists of a button concealed If you happen to be between the cat under the counter, which, when pressed, closes and locks all the doors and

Extremely Difficult.

hardly walk. I had LANGUAGE USED IN SPORTING living up to the impression his wife tries to make.-Chicago Record-Her-

Antomobile Eye Insurance needed after Exposure to Sun, Winds and Dust. Murine Eye Remedy freely applied Affords Reliable Relief. No Smarting—Just Eye Comfort—Try Murine.

Have Used Spare Time Well.

On the question of how working eople, on the whole, have spent the added hour or hours of freedom from work, an author says that where cynles prophesied more drunken idleness mellennium, but wherever sufficient time has elapsed an extraordinary ad-

Always Have Something to Say. Speak not at all, in any wise, till for the truth of your speaking .-

Learn to Be Happy.

All men can learn to be happy; and will call blessing on yours .- Maeter-

Useless Without Understanding. We may be in the universe as dogs and cats are in our libraries, seeing was also a "mute" of hounds for a tion, but having no inkling of the

> "We helresses have many rivals for our hands." "Yes," replied Miss Cayenne, "you must feel as if the pathway of life were filled with pock-

etbook snatchers." Model Husband. Our ideal of a model married man is one who would rather cut out a mid

night supper than to miss working in the garden before breakfast .- Galves ton News.

Not a Lover of Music. "We've got a brand-new mahogany plano," said Mr. Cumrox. "But nobody in your family can play it." that's the best thing about it." "Yes,

For the Bride. A cynic suggests a long black vell as a suitable gift for a bride who will insist upon cooking hubby's meals her-

FARM AND ORCHARD

Notes and Instructions from Agricultural Colleges and Experiment Stations of Oregon and Washington, Specially Suitable to Pacific Coast Conditions

GERMS ON THE FARM.

to O. A. C. Summer Students.

Oregon Agricultural College, Corvallis - Germs which cause milk to sour, bacteria which dispose of filth cause disease were shown through a inary, they agreed that after this no powerful microscope to the students of Oregon Agricultural College, in the hero would be permitted to flick the the college summer session by Prof. first of a series of scientific articles on

"Some people still believe that her head in her hands or drop her thunder showers are somehow related eyes to the floor. The full set of re to the souring of milk," said Prof. strictions will be announced later.— Beckwith. "They are not. If you Life. put milk in a cold box, it will keep sweet from 24 to 48 hours, but if it is in a warm room it will sour in 18 justify study," says Miss Milam. hours. There is some relation, not between thunder showers and the temperature and this change in the The purpose of the study was to show milk.

"The change is produced by the activity of germs. We hold up our the cost, and the hands in horror when we speak of value of cakes. germs, microbes and bacteria. But we owe our lives to many of these, which are too small to be seen with the naked eye."

the microscope some bacteria which cause the souring of milk, magnified point of time consumed in mixing the interseting points in the paper are the following: The cost of cakes may be reduced, from the stand-point of time consumed in mixing the interseting points in the paper are the following: The cost of cakes may be reduced, from the stand-point of time consumed in mixing the interseting points in the paper are the following: 1,400,000 times.

"How large are they?" he contin-"These particular ones are so small that if you take 15,000 of them and put them so that they just touch, you will have a line one inch long. With the naked eye, if you have good eyes, you can not see anything smaller than one-two-hundredth of an inch.

Most germs are colorless; some, however, have a red, brown, blue or dirty cream color.

"Germs are alive. Milk sours be cause it becomes highly populated with little bits of microscopic plants. If you have typhoid fever you are sick because you have become a great garden of disease plants, which, as they grow, give off a poison. It is to our advantage to have milk sour prop-

erly and not too soon.
"It is safe to say that an ordinary human being voids 33,000,000,000,000 (thirty-three million million) germs a day. Most of these come out by way of the feces. Since a cow is so much larger an animal, how much greater must be the number of germs which it throws off each day. What do you think of the farmer who keeps his cow in a dark, muddy stable, wet, dripping with manure, or in summer time in the dry season allows it to accumulate an armor of manure? Every bit of the filth is full of germs, which, if they get into the milk, will produce abnormal changes, some of them breeding disease.'

FARM ACCOUNTING IMPORTANT

Rural Business Management Helps to pared for planting.

Make Farms Pay.

"It is a very good practice to sow the field a few

Oregon Agricultural College, Corvallis-The fact that the U.S. Department of Agriculture has established an office of farm management and that the civil service commission them before the plants appear. If recently held examinations to secure men eligible for appointment as assistants in farm cost accounting, is sufficient indication of the growing realization of the importance of better bus-iness methods on the farm.

If any further recognition of the If any further recognition of the fact were needed, it may be found in the great number of letters requesting gallon of any cheap grade of syrup, the great number of letters requesting information on the subject which are received daily by Dean J. A. Bexell, of the O. A. C. school of commerce, whose text book, "Farm Accounting and Business Methods," is in use throughout the United States and abroad. Men in Germany, England and Australia have written him regarding it.

"No farmer has a reasonable excuse to offer for wasting valuable time and labor on crops which, because of climatic or economic conditions, can not yield adequate returns," said Mr. Bexell. "Accurate records and accounts are absolutely necessary in the management of every business enterprise. No business can be successful in the long run unless its condition can be determined at any time, and no conservative business man will fail to prepare a financial statement at the end of his fiscal year. He must determine how he stands, not only with others, but with himself. "One object of keeping accounts is

to assist in accumulating property. Another important object is to record a continuous history of business transactions for future guidance. Not only is this profitable, but it is a source of real pleasure and satisfaction to know our standing with those with whom we deal as well as the profits and losses in our business enterprises."

His Recommendation.

A cook has been going around a station in the south of India with the following 'character,' and is somewhat surprised he is not engaged: "Abdul Christian Advocate.

Out in Reno I met a lady who told City Journal.

CAKE IS GOOD FOOD.

commercial maple sugar on the "willy Useful and Harmful Bacteria Shown So Writes O. A. C. Professor in Jour nal of Home Economics.

> Oregon Agricultural College, Corvallis-That cake is a concentrated food, the average slice containing and which aid in making the soil practically as much food value as one more fertile, and microbes which and one-half glasses of milk, is the opinion of Prof. Ava B. Milam, of the domestic science department at the "Factors Affecting the Economic and Dietetic Value of Foods," in the current number of the Journal of Home Economics. "When an article of diet comes into as general use as has cake, the factors affecting its economic and dietetic value as well as its quality

> "There is a lack of definite knowledge of these factors and inadequate souring of the milk, but between the means of controlling the conditons. the effect of varying the kind and form of ingredients on the quality, the cost, and the economic and dietetic

"The work was carried out on typical whole egg and butter cake, one of a close grain and fine texture. Among the interseting points in the

melting as well as creaming the fat used—a saving of half the time of mixing. The best cakes are made by the use of the fine pastry flours, al-though good cakes may be made with bread flour. The high gluten content in bread flour is undesirable in cakes.

The form of sugar used greatly affects the quality of the cake with little effect on the cost. Powdered sugar is most easily and thoroughly mixed in the solid state. Cakes of as good quality are obtained by using water as by using milk, either whole or condensed. When water is used the cake costs one and one-half cents less than when milk is used, but the food value is also decreased. Eggs are essential, serving as leavening agents and influencing the flavor, texture, grain, and food value. If fresh powders are used a fairly good cake may be made with desiccated eggs if the fresh ones are not available. Reduc-ing the amount of butter in the stand-ard 3-cup flour recipe, from three-fourths to half cup of butter, the food value is lowered but the quality seems improved. If the cakes are not eaten warm, lard substitutes that are fresh may be used instead of butter.

How to Kill Cutworms.

Oregon Agricultural College, Corvallis—"The poison bran mash is by far the best treatment for cutworms," says A. L. Lovett, crop pest expert at Oregon Agricultural college. 'The cutworms usually pass the winter in the soil as partly grown harvae. They are therefore present in the soil in the spring at the time it is pre-

the poison mash over the field a few days before the crop is to appear. If all green vegetation is removed, the cutworms will feed greedily on the mash, and the ground will be freed of this is not done, then a small heap of the mash may be placed about the base of the plants to be protected. Poultry should not have range over the treated fields.

"The mash is prepared by mixing 16 pounds of coarse bran with a pound and warm water enough to make a heavy mash."

FASHION HINTS



When it comes to negligees, this one of silk Crepe should not be overlooked. Its such a handy bit of cozyness for a hurried slip-on.

Reason for Sea Burial.

Sea captains and sailors, from superstition founded upon good sense, do not like to carry dead bodies aboard their ships, burying at sea as soon as has been my cook for three months; it possible all who die. In old days one seems much longer. He leaves on account of ill health—my ill health."— mean the death and destruction of all mean the death and destruction of all men on the ship.

Two Parties Worth Watching. Always keep your wits about you me she used to marry men she would-n't invite to a musicale now.—Kansas talk. Likewise, beware of the one **Farmers and Merchants**

Write us for our cash offer on your farm and Dairy Produce. If we ion't handle it will refer you to reliable buyer. PEARSON-PAGE CO.
Portland, Oregon.

FOUNG MEN AND WOMEN WANTED to pre-

Machinery ery ho



P.-I. Build'g, Seattle and Worez, Uublocked



"I am surprised to hear that Dubbleigh has broken down," said Stubbs. "He used to have a spindid consti-tution." "Yes," said Wiggietrope, "but he began amending it."—Harper's

St. Helens Hal usic, Art, Elecation, Sympasium, g address THE SISTER SUPERIOI Office 33, St. Helens Hall

Heart Controls Life. As the fountain from the hidden spring, so issues man's life from the secret recesses of als heart. All that he is and does is generated there. All that he will be and do will take its rise there.-James Allen.

Red Cress Ball Blue will wash double as many clothes as any other blue. Don't put your money into any other.

Why, the idea?
"I'm surprised at your giving that small, hot bedroom I slept in to a relative," sniffed her maiden aunt, as she entered the breakfast room. "You are?" answered Mrs. Randall. "Why, aunties, we've even given that room to servants."-Life.



HAROLD SOMERS, 150 DeKalb Ave.

Judgment of a Nation. A nation should be judged, if we can judge nations, not by its wealth, or its population, or its military or naval power, real or apparent, but it should be judged by the opportunity it gives men to make their lives .-

MEXICAN MUSTANG

FOR CUTS AND BURNS. nes H. Hurley, Mercur, Utah, writes: I am raising poultey and as I haveur 25c. 50c. \$1 a bottle at Drug & Gen'l St.

Genius âlmply Concentration. If there be anything that can be called genius, it consists chiefly in ability to give that attention to a subject which keeps it steadily in the mind, till we have surveyed it accurately on all sides.-Reid.

Want Long Hair?

And you would like long hair? Rich, heavy hair? Beautiful, luxuriant hair? That is perfectly natural, and we are here to help you. Ayer's Hair Vigor is a great aid to nature in producing just the kind of hair you desire. Do not be afraid to use it. No danger of its coloring your hair. The ingredients are all given on each label, thus enabling your doctor to wisely advise you concerning its use. Consult him freely. He knows. fade by the J. C. ATER CO., Lewell, M