

State Chemist, California:

The ROYAL fulfils all the requirements. Our tests show it has greater leavening power than any other.

Romance of the Telegraph.

A great deal of romance hovers round the means by which the world's news is gathered. The speed and accuracy with which messages are transmitted between the uttermost parts of the earth is marvelous when the conditions under which they are sometimes transmitted are considered. The Indo-European line offers a good illustration. It runs from London to Lowestoft on the east coast of England. It then dips under the sea to Emden, on the German coast, where it passes right through Germany to the Russian frontier. From this point the wire passes by way of Warsaw, Rowno, Odessa, the Caucasus and Tiflis, to Persia, and by Tauris to Teheran, the capital of the Shah's dominions. There it joins the Indian government line, which runs from the Persian capital to Bushire on the Persian gulf. Thence the wires run through Beloochistan, and complete the route by connecting Kurrachee, north India. The operation of this immense stretch of line, passing through countries of such varying climates and characteristics, is one of much difficulty. On the snow-swept steppes of Russia the wires are often snapped like thread by the rapid flight of flocks of wild geese. The poles are cut down and made into firewood by the nomad tribes of the Caucasian districts, and the cunning imkeepers of Georgia seek to boom their post-horse trade by deliberately creating faults in the wires. In the mountainous regions of Asia the maintenance of the solitary line involves much personal risk and hardship to the staff hands. Communication is often cut off by a snowfall of five or six feet in a night. These mountain stations are provisioned with several months' supplies before the winter sets in, as the staff will be in touch with the rest of the world by the wire only until the spring weather opens out the passes. In these supplies is always included a liberal allowance of books and games wherewith to relieve the monotony of the tedious winter exile.

A Chance for Students.

The managing committee of the American School of Classical Studies, in Rome, will offer for the year 1896-97 three fellowships, as follows: A fellowship of \$500, established by the managing committee; a fellowship of \$500, given by the Archaeological Institute of America; a fellowship of \$500 for the study of Christian archaeology, contributed by friends of the school. The holders of these fellowships will be enrolled as regular members of the school and will be required to pursue their studies under the supervision of the directors of the school, for the full school year of ten months, beginning Oct. 15, 1896. The fellowships are open to bachelors of arts of American colleges.

Knowledge and Observation.

A field naturalist is one who supplements the knowledge acquired by study, by actual observation. The term implies acquaintance with the habits of animals, as well as with their anatomy.

Fits Cured

From the Journal of Medicine, Prof. W. H. Peck, who makes a specialty of Epilepsy, has without doubt treated and cured more cases than any living Physician; his success is astonishing. We have heard of cases of 20 years' standing cured by him. He publishes a valuable work on this disease, which he sends with a large bottle of his absolute cure, free to any sufferers who may send their P. O. and Express address. We advise any one wishing a cure to address Prof. W. H. PECK, P. O. 4 Cedar St., New York.

"Save My Child!"

is the cry of many an agonized mother whose little one writhes in croup or whooping cough. In such cases, Dr. Acker's English Remedy proves a blessing and a godsend. Mrs. M. A. Burke, of 309 E. 105th St., New York, writes: "Dr. Acker's English Remedy cured my baby of bronchitis, and also gave instant relief in a severe case of croup. I gratefully recommend it." These signs, 25c.; 50c.; \$1. All Druggists. Address Medicine Co., 36 4th Chambers St., N. Y.

MRS. WINSLOW'S SOOTHING SYRUP

FOR CHILDREN TEething
For sale by all Druggists. 25 Cents a Bottle.

SURE CURE FOR PILES

Dr. J. C. HARRIS'S PILLS
For sale by all Druggists. 25 Cents a Bottle.

PISONS CURE FOR

ALL THE PILES
For sale by all Druggists. 25 Cents a Bottle.

SATAN IN HARNESS.

A Giant Georgia Negro Does the Work of a Mule.
"Satan at last in harness" should not be construed as meaning that the cloven hoof individual who figures most conspicuously in Dante's Inferno has been suddenly halted in his travels to and fro on this earth. The Satan here referred to is Sam Satan, a giant negro, of Dougherty County, Georgia, who allowed himself to be hitched to a plow and did the work of his deceased mule. Sam had owned a mouse-colored mule for a number of years, but hard work had hurried it to the bone factory, and money was not plentiful with Sam, and just how he should do the plowing in his field worried him very much. He saw nothing else to do but to take the mule's place in the harness, and let his wife do the driving. For one whole summer Sam assumed the role of a



SAM SATAN IN THE PLOW.

mule, and did the work in a masterly manner that created jealousy among the mules of the county. Satan is seven feet tall and as strong as an ox, and has the reputation of being the Samson of Georgia. One of his feats that attracted special attention was where he picked up four men, each weighing about 150 pounds. Putting one on each shoulder and taking one on each arm, he walked off down the street as easily as an ordinary man would carry a 50-pound sack of flour. Stopping under and catching a medium-sized man by the back of the coat collar with his teeth, he lifted him from the ground and walked across the street with him with as much ease as the average man would carry a meerschaum pipe in his mouth. He never wears a hat except when he comes to town, as he fears it will shorten his hair, and his shoes are always out at the toes, his feet being too long for any ready-made pair. Sam's employer has a standing wage of \$100 that he (Sam) can pull more than any team of horses in the surrounding country. His real name is Sam Williams. He was given the name of Sam Satan when he was a boy on account of his many mischievous pranks, and he is now known by that name and no other.

The Law of Growth.

Dr. Charles Sedgewick Minot, professor of histology and embryology in the Harvard medical school, backs up his theory of the law of growth by the results of several years of observations upon guinea pigs, dogs, rabbits, ferrets, and other small animals, as well as Boston school children. He says that in all growing animal organisms, from the period of birth to death there is a steady loss of the power to grow, contrary to the general belief that this loss begins later in life. The body develops all the time, but the power to keep that development steadily decreases after birth, and it decreases much more rapidly at first than later in life. A guinea pig two days old will gain 10 per cent. of its weight in the next two days. But the twenty-fifth addition of 10 per cent. to its weight will take the pig eighty-eight days. The law is the same with animals and man.

Fog Horns.

In a communication to the French Academy of Sciences an explanation is given of some of the hitherto unaccountable phenomena pertaining to fog horns. It has been found in regard to acoustic signals, or sirens, that they are surrounded by a neutral zone in which the sound is not heard at the sea level—a zone more or less distant, according to the height of the siren on the coast—and it has a mean width of about 8,400 feet. On the nearer side of this zone the sound is of course heard perfectly, but when it is traversed the sound weakens gradually until it becomes scarcely perceptible, when it increases again, and on the zone being left behind, the sound resumes its full intensity. Experiments have been made on this line with a steam vessel, by causing it to approach or recede from a lighthouse in different directions and in a straight line. In each case, according to the account published, the sound was deadened almost completely in a zone whose central line was about 15,000 feet from the siren.

BEND LOW AND HARK.

Bend low and hark with me, my dear,
How the winds sigh?
A voice is on them that I fear—
It brings the bygone days so near,
Like a soul's cry.
Those whom we bury out of sight,
How still they lie!
Beyond the reaches of the light,
Outside the realm of day and night—
Do they not die?
Shall we under the long closed door,
You, dear, or I,
Could love be what it was before
If we should call them back once more
And they reply?
Would they life's largest claim again?
They draw too tight?
O winds, be still! You shall not pain
My heart with that long hushed refrain
As you sweep by.
The dead have had their shining day—
Why should they try
To listen to the words we say,
To breathe their blight upon our May?
Yet the winds sigh—
—Louise Chandler Moulton.

HE CRACKS A WHIP.

But He Is a Phenomenal Artist in the Use of the Lash.

A decided sensation has been created in Vienna by a man who probably stands alone in the world in his particular line of performance. This gentleman's name is Pisking, and he is an Austro-Hungarian by birth. He is an expert, or, rather, a phenomenal artist, in the use of the whip.

The first thing he does is to take a long lashed, stout handled whip in each hand, and, with orchestral accompaniment, proceed to crack or snap them at a terrific rate. The sound made by his whips in this manner is graduated from a noise like a rifle report to the soft click of a billiard ball. It makes a curious sort of music and serves to show how he can regulate the force of each stroke.

More interest, however, is evinced when he seizes a vicious looking whip with an abnormally long lash. It is provided with a very heavy handle of medium length. This is his favorite toy, and what he can do with it is really wonderful. He first gives an idea of what fearful force there lies in a whip lash in the hands of an expert.

A large frame, over which is stretched a calf or sheep skin, is brought on the stage. This is marked with dots of red paint. The man with the whip steps up, and, swinging the lash round his head, lets fly at the calf skin. With every blow he actually pulls a piece right out from the leather, leaving a clean cut hole.

These pieces are distributed among the audience to show that there is no trickery about the performance. After this he takes a frame with three shelves. On these there are a dozen or more of medium sized apples lying very close together and provided with large numbers. Any one in the audience may designate which apple he wishes struck, and the unerring lash snatches it out like a flash.

A still more difficult feat is the snapping of coins from a narrow necked bottle. A piece of silver about the size of half a crown is put over the cork of the bottle, which stands on the edge of a table. The whip artist, without appearing to take any sort of aim, sends the long lash whizzing through the air and picks off the coin without jarring the bottle, much less breaking it. —Vienna Letter.

She Didn't Want Them to Fight.

I was going along a bridge path in West Virginia when I heard a young man and a young woman talking earnestly:

"I don't want you all to fight," said the girl.

"But you'd promised to marry the one they whipped," remonstrated her escort.

"I don't keep. I didn't think no way."

"Well, maybe neither of us'll get shot."

"I don't keep."

"If one got killed, you'd marry the other?"

"Yess."

"An if both got killed, that's plenty more wants you."

"Yass; that's Sam, I think a heap of Sam. But that ain't it. S'posin one gets killed and t'other gets crippled so he can't tote water from the spring. You've both done promised to tote the water if I marry you. Kaint'yo' all play keards, fer I kaint' abide to marry a cripple now, an I'd be bound if yo' all had the foot."

"Well, I'll see Tom, but I'm afraid he kin beat me at keards, but I kin outshoot him sho'." —Philadelphia Times.

How Sand Hills Grow.

A sand hill is not "made" so much as planted. Wherever a patch of "marrum grass" takes root, there the sand blown from the great bank gathers round it. As the sand spreads, the grass grows through it, until the hard dry blades form the nucleus of thousands of tons of "hills." Near Holkham bay there lay not 40 years ago a wet "lake" inside the high sand. There the "gunners" used to hide for curlew, digging holes and filling them with "marrum grass" to make them dry and comfortable. This grass took root, the sand gathered round, and where the "lake" lay is now a tumultuous mass of rounded hillocks, rising 20 feet above high water level—built by the "marrum grass" from the surplus driftings of the mighty sand. —London Spectator.

Made Them Cry.

Talker—When I lectured, there was not a dry eye in the audience.
Walker—Indeed, and what was your subject?

Talker—I had been addressing a school of cookery and giving a practical illustration of how to peel an onion. —London Tit-Bits.

The juggle of sophistry consists, for the most part, in using a word in one sense in the premises and in another sense in the conclusion. —Coleridge.

Cincinnati makes every year over \$150,000,000 worth of goods.

"JOCK."

The Shepherd Collie Which Saved Twenty-Five Horses.

When Mr. Leicht, of the Paepke-Leicht Lumber Company, paid \$25 for Jock, a Scotch collie, he little thought the dog would pay for itself a hundred times over and save property worth \$3,000. Such, however, is the fact, and had it not been for the sagacity of Jock twenty-five horses belonging to Mr. Leicht's firm would have lost their lives in the fire which partially destroyed its lumber-yard on Tuesday night. The horses were in a stable in the rear of the building in which the fire was discovered, and though the night watchman cut their halters they would not leave the building. Jock seemed to understand the situation, and, rushing into the stalls, drove the animals out one by one. He barked and bit at the heels of the frightened animals, and did better work than a score of men. One of the animals after he was outside ran back into the burning stable and was followed by Jock. But the efforts of the dog were of no avail; the horse was "fire mad" and was burned to death.

Jock is four years old and is the nightly companion of Watchman Arndt. The dog discovered the fire and by barking attracted the attention of the watchman. When his work of rescue was complete he took up a position by the yard gate, and neither streams of water nor showers of sparks would dislodge him from his place.

Jock is of pure Scotch breed, and, according to his owner, Tuesday night's occurrence was not the first exhibition of intelligence above the ordinary. Several times he has driven suspicious characters away from the yards, and woe to the tramp who tries to turn a lumber pile into a lodging-house. —Chicago Tribune.

No man is really unlucky unless he can make a train late by going to the depot to wait for it.

EDEN'S FLOWERS AND THORNS.

In this beautiful season of flowering green, when the air is balmy and the sunlight golden, it seems a pity that anything should enter into this Eden of ours to mar its pleasures and blight its joy, but so it is ordained; man has his heritage, and it is even doubtful if all of life were a scene of pleasure—whether we could possibly enjoy it. The birds come and sing, and the birds sing and go. Rheumatism comes also. It comes from exposure to the dampness of the nights and mornings, and the sudden change of temperature, and it certainly goes, as thousands know, by the prompt use of St. Jacobs Oil, which is a complete and perfect cure. It is well, therefore, while we enjoy all these seasonable delights, not to be without this great remedy for pain, and to have it ready, more because we are the more liable at this season than any other to suffer from such attacks.

Little Bess—We're going to play keeping house. I'll be mamma and Willy will be papa. I'd let you be papa, only you're at the dollies so much. Little Tommy Harlem—Shucks! I don't care. I'll be janitor!

THE ROCK OF GIBRALTAR.

Is not steadier than a system liberated from the shackles of chills and fever, bilious remittent or dumb ague by Hostetter's Stomach Bitters, a perfect antidote to malarial poison in air or water. It is also an unsurpassed remedy for bilious, rheumatic or kidney complaints, dyspepsia and nervousness. It improves appetite and sleep and hastens convalescence.

skiddy—Did she say it was so sudden when you asked her to marry you? Askin'—Of course she didn't. She was a widow.

Piso's Cure for Consumption is the best of all cough cures.—George W. Lott, Fabacher, La., August 23, 1895.

BEWARE OF OINTMENTS FOR CATARRH THAT CONTAIN MERCURY.

As mercury will surely destroy the sense of smell and completely derange the whole system when entering it through the mucous surfaces. Such articles should never be used except on prescriptions from reputable physicians, as the damage they will do is ten fold to the good you can possibly derive from them. Hall's Catarrh Cure, manufactured by F. J. Cheney & Co., Toledo, O., contains no mercury, and is taken internally, acting directly upon the blood and mucous surfaces of the system. In buying Hall's Catarrh Cure be sure you get the genuine. It is taken internally, and made in Toledo, Ohio, by F. J. Cheney & Co. Testimonials free. Sold by druggists, price 75c per bottle. Hall's Family Pills are the best.

FITZ.—All Fits stopped free by Dr. Kline's Great Nerve Restorer. No Fits after the first day's use. Marvellous cures. Treatise and \$20 trial bottle free to all cases. Send to Dr. Kline, 261 Arch St., Philadelphia, Pa.

TRY GERMEX for breakfast.

It is often difficult to convince people their blood is impure, until dreadful carbuncles, abscesses, boils, scrofula or salt rheum, are painful proof of the fact. It is wisdom now, or whenever there is any indication of

Boils

blood, to take Hood's Sarsaparilla, and prevent such eruptions and suffering. "I had a dreadful carbuncle abscess, red, fiery, fierce and sore. The doctor attended me over seven weeks. When the abscess broke, the pains were terrible, and I thought I should not live through it. I heard and read so much about Hood's Sarsaparilla, that I decided to take it, and my husband, who was suffering with boils, took it also. It soon purified our

Impure Blood

built me up and restored my health so that, although the doctor said I would not be able to work hard, I have since done the work for 20 people. Hood's Sarsaparilla cured my husband of the boils, and we regard it a wonderful medicine." Mrs. ANNA PETERSON, Latimer, Kansas.

Hood's Sarsaparilla

Is the One True Blood Purifier. All druggists. \$1. Hood's Pills cure liver ills, easy to take, easy to operate. 25 cents.

WOMAN

it the name of Woman's Friend. It is full in relieving the backaches, headaches which burden and shorten a woman's women testify for it. It will give health and strength and make life a pleasure. For sale by all druggists, BLUMAUER-FRANK DRUG CO., PORTLAND, Agents.

BE A WELL WOMAN.

Only One Remedy That Will Make You So—Paine's Celery Compound.



Why not be a well woman this spring? There are women who cannot tolerate the smallest neglect about the house who too often take no care of their health.

They should use these precious March days for getting strong and well by taking Paine's celery compound—the greatest of all spring remedies. Miss Elsie M. Brown of 2 Leeds St., Dorchester, Mass., whose picture is given above, wrote the 5th of this month as follows:

"Four or five years ago, I suffered with dreadful pains in my back (owing to my kidneys), so much so that night after night I could not close my eyes, and what few hours sleep I did get, I could be heard moaning and tossing, showing that even in my sleep, I suffered pain. At times I would have more pain than usual over my left hip, and when waking in the morning it would be all I could do to stretch my limb down straight, as there would be a drawing and trembling of the cords. Besides such torture, I began to bloat a great deal.

"After suffering for some time, a friend advised me to try Paine's celery compound. I can truthfully say that after using four bottles I was cured; not helped, but cured."

If you have any doubt at all these spring days about your health—if neuralgic twinges, kidney troubles, dizzy spells, indigestion or heart palpitation show themselves, don't wait for plainer warnings. Make a clean sweep of all these ailments from the system. It is easiest to do this now, as spring is approaching. Take Paine's celery compound when the system is most responsive to its cleansing, strengthening influence.

An improved appetite, sound digestion, uninterrupted sleep, and an energetic condition, are the result of taking Paine's celery compound.

That is what an eminent physician says of good cocoa. The Cocoa made by Walter Baker & Co., Ltd., Dorchester, Mass., is the best.

See that Imitations are not palmed off on you.

WHO CARRIES THE LARGEST

Line of Cutlery, Sporting Goods, Barber Supplies and Bazaar Goods? Why, don't you know?

THE WILL & FINCH COMPANY? They will supply you with anything you want at lowest market prices. Send for General Catalogue or Catalogue of Sporting Goods or Barber Supplies. 320 Market Street, San Francisco, Cal.

FOR PEOPLE THAT ARE SICK or "Just Don't Feel Well," DR. QUIN'S LIVER PILLS are the One Thing to use. Only One for a Dose. Sold by druggists at 25c. a box. Samples Free. Address the Dr. Quin's Med. Co., Phila., Pa.

N. P. N. U. No. 650.—S. P. N. U. No. 727

The first trapdoor was made by a species of African spider which has its nest in the ground, and closes the entrance by means of a trapdoor opening outwardly and covered with bits of earth and grass in order to escape observation.

BLACKWELL'S DURHAM TOBACCO COMPANY.

DURHAM, N. C.

Dear Sir: You are entitled to receive FREE from your wholesale dealer, WHITE STAR SOAP with all the

Blackwell's Genuine Durham Smoking Tobacco you buy. One bar of soap free with each pound, whether 16 oz., 8 oz., 4 oz., or 2 oz. packages.

We have notified every wholesale dealer in the United States that we will supply them with soap to give you FREE. Order a good supply of GENUINE DURHAM at once, and insist on getting your soap. One bar of Soap FREE with each pound you buy. Soap is offered for a limited time, so order to-day. Yours very truly,

BLACKWELL'S DURHAM TOBACCO COMPANY.

If you have any difficulty in procuring your soap, cut out this notice and send it with your order to your wholesale dealer.

WOMAN

the very remarkable and certain relief given woman by MOORE'S REVEALED REMEDY has given uniformly success and weakness of life. Thousands of

it the name of Woman's Friend. It is full in relieving the backaches, headaches which burden and shorten a woman's women testify for it. It will give health and strength and make life a pleasure. For sale by all druggists, BLUMAUER-FRANK DRUG CO., PORTLAND, Agents.

FOR YOU

BLUMAUER-FRANK DRUG CO., PORTLAND, Agents.