

## CURIOSITIES OF NATURE.

The Jumping Gall, the Acrobatic Bean, and Seeds that Explode.

"Here is a curiosity," said a botanist. It was a little ball of wood or fiber that when held in the palm seemed endowed with life, rolling over and over and flying into the air.

"I've had people come to me with these," continued the speaker, "and say they were bewitched. One man believed he had discovered spontaneous generation; another wrote an exhaustive paper which he tried to read at all the learned societies, showing that here was the beginning of both animal and plant life. In fact, the little gall, for that is what it is, has attracted a good deal of attention."

"So it is only a plant," said a reporter.

"Not exactly a plant, but the unnatural growth of vegetable matter on trees, bushes, or shrubs, caused by the secretion in the bark of an insect egg that hatches and causes the growth. In this case, you see, the gall is little larger than a mustard seed."

"The gall is produced in this way: The eggs of a very small dark-colored insect, known as cynips, are deposited in the leaf, and, from some secretion introduced into the wound, the vegetable matter entombs the insect in a ball of fiber separate from the leaf, from which it finally drops. The larva's movements in restraint create the curious activity."

"There are many kinds of galls, and though they are injurious to trees they are invaluable to man, and are staple commodities. The ordinary oak galls of commerce are made by a cynips. When they are green, blue, or black, the insect is in them, but when white it has escaped. England is the center of the trade, and receives galls from Germany, Turkey, Egypt, China, and Bombay. The galls are used for a variety of purposes. One sort of blasting powder is made of powdered galls and chlorate, but the most valuable product is ink. This is made from them almost entirely."

"Seeds often jump about in the same mysterious way. In Mexico strangers see a curious seed known as devil's bean, or jumping seed. In appearance it is a small triangular body. The first time I saw these seeds I was sure that they were arranged with mechanical springs, as they not only rolled about, but jumped several inches in the air. But open one of the seeds and the mystery is explained. The shell is hollowed out, containing nothing but a white larva, that has eaten out nearly all the interior and lined it with silk. Its motions occasion the strange movements."

"Some seeds move by an entirely different process—that of exploding. A friend of mine got some seeds in India once, and placed them on his cabin table. All at once came an explosion like that of a revolver, and he received a blow on the forehead that drew blood, while a looking glass opposite was shattered. The seeds had become heated, and all at once the covering exploded, scattering the seeds in all directions. That is their manner of dispersal, and a large number of plants have a similar method of scattering their seed."—*New York Sun.*

### Odd Antics of Birds.

A relative of mine had a large marsh upon his estate, and here the great cranes made their summer home, building their curious nests there and rearing their young, says Prof. Holder in the *San Francisco Call*. The marsh was surrounded by high grass, and it was his practice to creep through and watch the birds unobserved. The antics they went through it would be impossible to describe—now they would caper along in pairs, stepping daintily with the mincing gait of the ideal exquisite, lifting their feathers or wings, taking short steps, and gradually working themselves up to a bird frenzy of excitement, when they would leap into the air and over each other's backs, taking short runs this way and that, all for the edification of the females standing by, and finally, after a series of these exhibitions, the different birds selected their mates. Among the birds of the western hemisphere the cock of the rock ranks next to the crane in the strangeness of its evolutions. The bird is confined to South America, and is about the size of a small pigeon, has a bright orange web in the male, with a plume-like arrangement upon the head. It is a proud bird, principally building its nest in rocky places not visited by man. At the commencement of the breeding season, a party of birds, numbering from ten to twenty, assemble, and selecting a clear space among the rocks, form a ring or circle, facing inward. Now a small bird takes its place in the center, and begins to hop about, toss its head, lift its wings, and go through all the strange movements possible, that appear to be watched with great interest by all the rest. When the performer is thoroughly exhausted he retires to the circle and another bird enters the ring, and so on, until all have been put through their paces, when the pairs probably make their selection. Often the birds are so exhausted after the dances that they can hardly fly, lying panting on the rocks.

Near the borders of Southern California is found a bird, called the sun-ate, that has a strange courtship. It is about the size of a magpie. During the mating season four or five birds collect together and seem to vie with each other in the extravagance of their posturing—wooing now in rows, now single, in a regular dance, and, by way of music, uttering loud, discordant squawks. Their long tails are lifted high in the air during this performance, and their entire behavior is remarkable in the extreme.

# Paine's Celery Compound

**CURES** Nervous Prostration, Nervous Headache, Neuralgia, Nervous Weakness, Stomach and Liver Diseases, Rheumatism, Dyspepsia, and all Affections of the Kidneys.

## WEAK NERVES

PAINE'S CELERY COMPOUND is a Nerve Tonic which never fails. Containing Celery and Coca, these wonderful nerve stimulants, it speedily cures all nervous disorders.

## RHEUMATISM

PAINE'S CELERY COMPOUND purifies the blood. It drives out the lactic acid, which causes Rheumatism, and restores the blood-making organs to a healthy condition. It is the true remedy for Rheumatism.

## KIDNEY COMPLAINTS

PAINE'S CELERY COMPOUND quickly restores the liver and kidneys to perfect health. This curative power, combined with its nerve tonic, makes it the best remedy for all kidney complaints.

## DYSPEPSIA

PAINE'S CELERY COMPOUND strengthens the stomach, and quiets the nerves of the digestive organs. This is why it cures even the worst cases of Dyspepsia.

## CONSTIPATION

PAINE'S CELERY COMPOUND is not a cathartic. It is a laxative, giving easy and natural action to the bowels. Regularity surely follows its use.

Recommended by professional and business men. Send for book.

Price \$1.00. Sold by Druggists. WELLS, RICHARDSON & CO. Prop's BURLINGTON, VT.

# JAY W. WILLIAMS

—DEALER IN—

# FURNITURE

# YEOMAN & HEMPHILL

—DEALERS IN—

WAGONS AND BUGGIES,

## EMPIRE

# Mowers and Binders,

THE LATEST and MOST IMPROVED

# Plows, Harrows, CULTIVATORS, & SULKY PLOWS.

ALSO THE CELEBRATED

## ALBION SPRING TOOTH CULTIVATOR

and SEEDER, Combined.

One of the most useful and economical farming implements ever invented.

All kinds of BLACKSMITHING and WOOD REPAIRING will be done promptly, in the best manner, and at reasonable prices. YEOMAN & HEMPHILL.

## Don't Experiment.

You cannot afford to waste time in experimenting when your lungs are in danger. Consumption always seems at first, only a cold. Do not permit any dealer impose upon you with some cheap imitation of Dr. King's New Discovery for Consumption, Coughs and Colds, but be sure you get the genuine. Because he can make more profit he may tell you he has something just as good, or just the same. Don't be deceived, but insist upon getting Dr. King's New Discovery, which is guaranteed to give relief in all Throat, Lung and Chest affections. Trial bottle free at F. B. Meyer's Drug Store. Large Bottles \$1.

**RICHLY REWARDED** are those who read this and then act they will find honorable employment that will not take them from their homes and families. The profits are large and sure for every industrious person, many have made and are now making several hundred dollars a month. It is easy for any one to make \$5 and upwards per day, who is willing to work. If her sex, young or old; rapid not needed; we start you. No special ability required; you reader, can do it as well as any one. Write to us at once for full particulars, which we mail free. Address Stinson & Co., Portland, Maine.

# BEATTY'S

CELEBRATED

## Organs and Pianos.

For Catalogues, address,

DANIEL F. BEATTY,

WASHINGTON, NEW JERSEY

\$500,000.—BEATTY'S Organs at Bargains. For particulars, catalogue, address DANIEL F. BEATTY, Washington, New Jersey.

BEATTY'S ORGANS...Are the Best. Write Daniel F. Beatty, Washington, New Jersey.

BEATTY'S PIANOS...In use Everywhere. Address, Daniel F. Beatty, Washington, New Jersey.

## LADIES!

Do YOUR OWN DYING, AT HOME, WITH Peerless Dyes

They will dye everything. They are sold every where. Price 10c a package—40 colors. They have no equal for Strength, Brightness, Amount in Packages or for Fastness of Color, or non-fading Qualities. They do not crack or smut.—For sale by FRANK B. MEYER, Rensselaer, Ind. March 25, 1888—17.

**INVENTION** has revolutionized the world during the last half century. Not least among the wonders of inventive progress is a method and system of work that can be performed at a lower cost without separating the workers from their homes. Pay liberal; any one can do the work; either sex, young or old; no special ability required. Capital not needed; you are started free. Cut this out and return to us and we will send you free something of great value and importance to you, that will start you in business, that will bring you in more money right away than anything else in the world. Grand outfit free. Address TRUE & Co., Augusta, Maine.

**DEEP SEA WONDERS** exist in thousands of forms, but are surpassed by the marvels of invention. These two are in need of profitable work that can be done while living at home should at once send their address to Halle & Co., Portland, Maine and receive free, full information how either sex, of all ages, can earn from \$5 to \$25 per day and upwards while they live. You are started free. Capital not required. Some have made over \$50, in a single day at this work. All succeed.



The Dusty Ride.



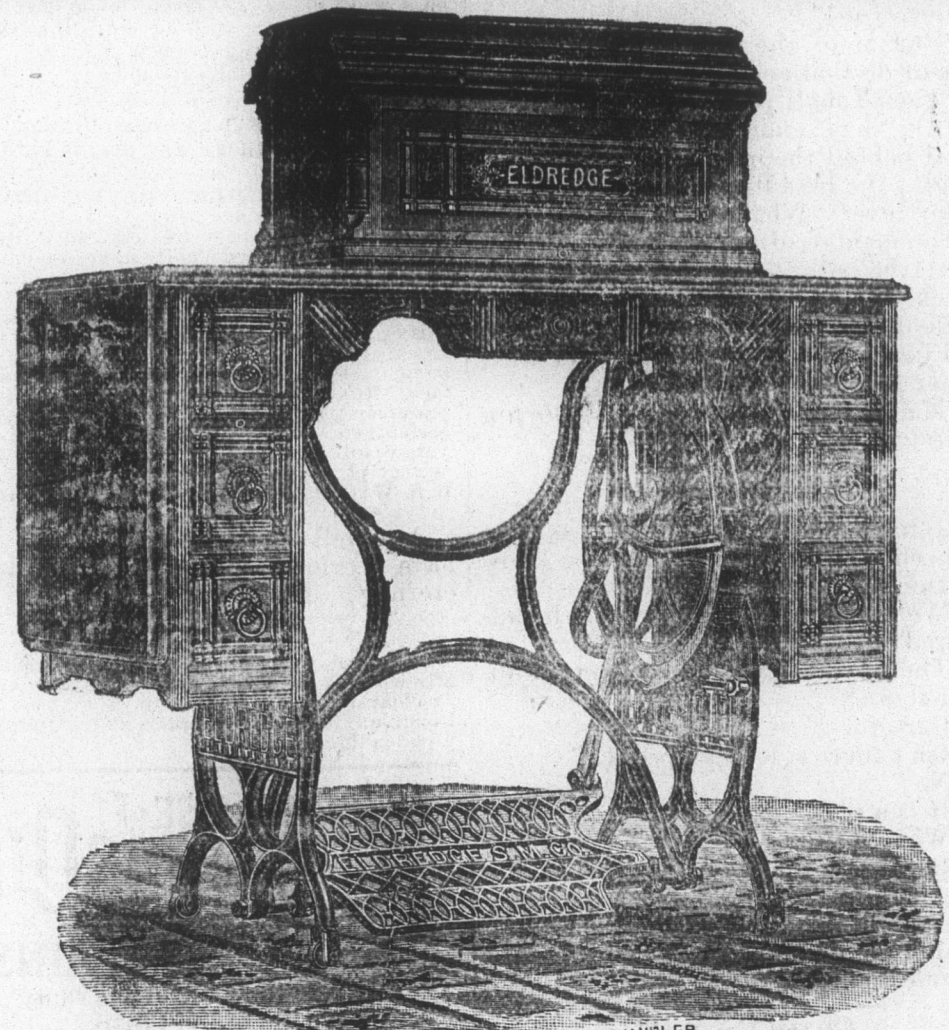
The Return Home.

"Just look at my dress. It is almost spoiled. We had one of those small sieve dusters. They are no good."

**5/A** Lap Dusters  
Fast Colors; will wash.  
5/A Horse Sheets  
Are made up strong.  
5/A Horse Covers  
Will keep flies off.  
5/A Fly Nets.  
Are the Best and Strongest.

Don't spoil your girl's dress by buying a poor, loosely-woven carriage duster. 5/A Lap Dusters for carriage have the stock and work put in them to make a first-class article. The new patterns of embroidery, flowers, birds, scenery, etc., are well worth seeing. One hundred different designs at prices to suit all. For sale by all dealers. [Copyrighted 1888, by Wm. Ayres & Sons.]

# THE ELDREDGE LEADS THE WORLD!



MRS. JAS. W. McEWEN, Agent, Rensselaer, Ind.

# THE WRIGHT UNDERTAKING ESTABLISHMENT.



RIGHT, PROPRIETOR.