LIGHT FROM PLANTS.

ONCE BELIEVED TO BE PURE FANCY, BUT NOW KNOWN AS REAL.

Trees and Roses Which Produce Wonderful Luminous Effects—Some Experiments of Naturalists in Different Parts of the World.

One of the early naturalists, Alex. Menzel, Fleck, describes an extraordinary tree he which he observed in Asia. He says was riding through a forest at night when he noticed a large light appeared. At first the light increased in size, growing larger and larger until finally a tree was outlined in a soft phosphorescent light.

The natives were consulted and it was found to approach in spring it was the sacred tree of Siu. But the naturalist had little faith in tree of the sort he recognized it, feeling that the light was due to certain insects, which, by the way, had never been observed.

That a tree or plant could give light was deemed a figure of the imagination, yet today it is known that light giving plants are not uncommon and among the most striking and remarkable of such growths are the roses. Give a morning from a day's hunt through a dew filled in the dark of the Adirondack pines I stumbled against a dead limb of a tree, which to my amazement I was at once surrounded by a phosphorescent light that flew in all directions, like darts and arrows of fire, each giver burning where it hit. This was an unusually brilliant display of the best known of luminous plants, the "fire fly," or "glow worm" of a million eyes.

To the layman it is often mysterious, as investigation shows nothing but the damaged wood, and sometimes a soft, pulpy mass. The beautiful soft cold point and the light given in the opaque discs of some fungus that has permeated the old branch and fairly takes possession of it, converting it into a glorious spectacle when disturbed. The evidence of the light must be sufficient when it is known that print can often be read by it, and the light of some has been known to penetrate through several thicknesses of paper.

Singular to say, the smallest plant is often the most effective in producing the desired luminous effects. Take in the station, which the automobile of the Chattanooga road floating in the center of two rosebushes, and in the gardens of the station is often brilliantly phosphorescent some of the most remarkable displays of light observed by the naturalists were witnessed by these little plants. But what shall we say to a light observed by a Norwegian lark in the top of Fuentia? The waters here are fairly alive with these little luminous plants the year round, and on the occasion referred to a waterspout formed among them. During the day it would have attracted little attention, as the phenomenon is a common one, but by night it was seen to be a solid column of water lighted with a third pillar of fire, the distance, estimated at 1,000 feet and moved along with a decided twist.

It emitted a pale yellow light that stood out in strong relief against the black night, a weird and formidable spectacle, sending to follow the wind.

An English naturalist, writing to an English some years in a wild part of Asia in which he was traveling and lagoon them with its supernatural powers, soared a certain tree known as Espartia phosphorea, and raising it upon a big rock caused the latter to grow with flame and present so formidable a spectacle that the native ran, believing that he had set the rock afire by simply touching it. The naturalist was aware that the milky juice of this plant, that resembled the Euphorbia, was brilliantly phosphorescent.

In the Rocky mountains there has been for ages a tree known as the haunted cedar. As Englishmen, traveling in the vicinity and hearing of it, determined to investigate the matter. After a long chase he reached the tree. He found it a complete darkness in this the phenomena of the tree appeared—a remarkable emblem to a human form, with every outstanding outline against the glass. Making his way to the tree he had allowed so many days before, he found that it was a place that grew upon the wall. It was the well known phosphorescent fungus, Hydnum phosphoreum, frequently found in cedar and familiar to hunters. Its light is often so vivid that people have read by it.

These curious lights are not found in the tropics alone. A few years ago Mr. Morrill, editor of the Louisiana (Mo.) Journal, wrote me that he had observed a brilliant steady light in the garden at times, totally unaccounted for by any electrical conditions and which, upon investigation, proved to be the phosphorescent light emitted by the young of the plant Tinnos erythrum.

Perhaps the most startling exhibition was observed several years ago by an

Bartholdi

the great Sculptor of the Statue of Liberty,

writes of

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English traveler in Eastern Bellaire, in the overhead by night and there being no moon, he was fearful of losing his way, when, to the darkness came to Hospital Bells appeared here and there in the hedgerows by the roadside. These were yellow, white, tinged, or colored, with a bright greenish hue. As it grew darker the rays of light increased, and finally the traveler was amazed to find that he was passing through lines of luminous bush which resembled lights in the road, and he made his way by it.—Pittsburg Dispatch.

The Purpose Video.

"I would like some of a cotton," said Dean Bole, "who had a very pungent voice, and drawing aside himself of the clerk said him to look under for a cigar. The market was not brisk that day, and the clerk hunted only eight cigars. Turnedlike bought one in all politeness, and thereafter a conversation voice pungent the cotton had only to mention big opinion, "to give the figure 8" in his ear, when the pungent cotton immediately subsided."

Using the Water.

Governor—I gave you a glass of water to be sent your spring in.

Little Bright—I to bring it.

"Did you not nothing to the spring?"

"Yes, sir. I drank the water as it came in."—Good News.

A FIBER PAIL.

Our "BIG BARGAIN" for next Saturday will be a FIBER PAIL, that every housekeeper wants and should have and the price will be

85 CENTS. 85 CENTS.

WE REALLY OUGHT TO MAKE IT $5c, BUT 25c WILL BE THE PRICE.

NEXT WEEK we have a "Big Bargain" that is a Surprise. We have taken the sale for Utah of the Davenport Newcomer Patent Bolt Sheets and Bolsters, and to introduce them to the ladies of Salt Lake City, we shall on Saturday, sell them: 5lbs, 75c lb. bars, 65c; 4oz 5-lb. bars, 65c; 4oz 7-lb. ss. straight, 65c; 4oz 8-lb. straight, 65c. Regular price $1.00 and $1.25.

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PIONEER MONUMENT.

Sums and Names Taken Add to Their Contributions.

CHESTER, NO. PLEASANT, DAVIES,

Are the Words Furnishing Today's List.

—Some Particulars of the Cricket Plague.

CARD FROM THE FIRST PRESIDENCY.

Salt Lake City, Jan. 15, 1895.

Notice is hereby given that contributions to the monument to be erected in Salt Lake City in memory of Brigham Young and the pioneers will be received, and until further notice, in the Deseret Building for the convenience of the Deseret News. It is expected that subscriptions for the collection of funds for this worthy purpose will be extensively in such way as all the Saints, and that each town, with the Bishop as treasurer the contributions, will be forwarded as frequently as convenient to Horace S. Ware, secretary of the Brigham Young Memorial Association, Salt Lake City, who will see that same are properly acknowledged in the current news. We express hope that the people will respond promptly and promptly to this call so that it possible the monument may be completed, dedicated and unveiled in the public by the 6th day of next October.

WILFORD WOODRUFF,
GEORGE Q. CANNON,
JOSEPH F. SMITH,
First Presidency of the Church of Jesus Christ of Latter-day Saints.

ACKNOWLEDGMENTS.

The Brigham Young Memorial association acknowledges receipt of the following contributions to assist in the building of the Pioneer monument:

From Salt Lake City:

Sunday Schools, each week	1.00
Children's Friend, each week	1.00
Beehive Journal, each week	1.00
Mutual Improvement Associations, each week	1.00
Relief Society, each week	1.00

From Bingham Stake:

Sunday Schools	1.00
Young Men's Mutual Improvement Association	1.00
Young Ladies' Mutual Improvement Association	1.00
Relief Society	1.00
Bishop's Ward	1.00
Bishop's Ward	1.00
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