

Democratic Watchman

Belleville, Pa., March 6, 1903

THE MAN WHO TRIED TO PLEASE.

Once on a time there was a man who never made mistakes. And all the people stared at him and said, "For pity sake."

Apple Disease.

A Horticulturist Finds That White Fungus Causes Rot—Heavy Losses Caused by the Disease.

H. J. Eastace, of the Geneva, N. Y., Horticultural station, read the following paper before the Western New York Horticultural society at Rochester, January 28.

The year 1902 will long be remembered by the apple growers of the State as one of continual worry and anxiety. Early in May had frosts blasted their hopes of a big crop, when it was reported that many of the blossoms had been killed.

In August and September, while the fruit was still on the trees, it was noticed that on some of the scab spots there appeared a white mildew-like fungus growth.

A little later the growth produced a brown, shrunken, bitter, rotten spot. Some apples affected with the disease were collected at Charlotte in August and brought to the station.

The first case of the disease was found upon apples where they had been picked, but it was not until after they had been harvested that the greatest damage was done.

The constant occurrence of the fungus on the scab spots led many to believe that it was another form of the well-known scab. But there is absolutely no connection between the two.

During the fall, when the Rhode Island Greening was very badly affected, it was a singular fact, that the Baldwin did not show any of the trouble, although it was as badly affected with the scab.

What can be done to prevent this rot? Apples that were free from scab were entirely free from rot. Observations and investigations that have been made show that the fungus which caused the rot, can grow through the sound skin.

Investigations demonstrated that the rot on fruit known to be seeded with spores of the same variety was held in check by solid storage. There were reasons for believing this to be so, but positive evidence was lacking.

The action of oxygen in the body was not known, and at the outset of his investigations Dr. Sajous thought that if he could determine how life is sustained, many theories, upon which medical practice is based, would disappear.

It is this adrenalin and not the red blood corpuscles that supplies all the tissues with oxygen. Being fluid it penetrates the most minute vessels of the body and into the very cells of which the tissues are formed.

When studied from the standpoint of disease and treatment the anterior pituitary became still more important in the body as it proved to be the organ upon which all disease-producing poisons and all other poisons act.

On December 1st the apples in each barrel were examined, and it was apparent, in comparing the treated ones with those that were not treated, that the solution of copper sulphate and of formalin had materially checked the growth of the fungus that comes on the scab spots.

But the common soft rot or blue mold, which is caused by an entirely different fungus, had not been checked, and was doing serious damage in every barrel of apples, seemingly even more abundant in those that had been treated.

All things considered, this is probably the most unusual and remarkable epidemic of a fungous disease that has ever occurred in this country. The unusualness lies in the fact that it was caused by a fungous mold known for many years, but supposed to be harmless and of no economic importance.

The cause of the delay is inability of Mrs. Harrison and General Harrison's children—Colonel Russel B. Harrison and Mrs. Mary McKee—to agree on the division of several valuable pieces of real estate in Indianapolis. It was said on Wednesday that a suit in partition will be required to settle the matter.

Life Secrets Revealed.

Organs of Unknown Function Found to Be Vital—Barometer of Health Found.

Discoveries of paramount importance, brushing aside many antique theories in medical practice, were reported at a meeting of the Philadelphia County Medical society on Wednesday night, by Dr. C. F. deM. Sajous.

The election of officers was the feature of the Thursday's session of the congress of the Daughters of the American Revolution. There was less excitement than usual over the result in view of the unequivocal declaration of Mrs. McLean, of New York, that she would not permit her name to be presented as a candidate for President General leaving the field clear for Mrs. Fairbanks.

The Cosmopolitan Magazine for March contains a number of noteworthy articles. "The Police Systems of Europe," by Avery D. Andrews, formerly Police Commissioner of New York, embodies many of the results of the investigations of the author on his recent official visit to Europe.

The stage of uncertainty is over in Belleville. There can now be had plenty of positive proof in the testimony of a citizen. Evidence of this nature should convince the most skeptical doubter in this vicinity.

Green's Pharmacy. THESE WINDS CHAP HANDS. We have an excellent lotion of which we have sold hundreds of bottles upon our absolute guarantee.

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Mrs. Fairbanks Chosen.

Annual Election of the D. A. R. Was Without Any Excitement.

Mrs. Cornelia Cole Fairbanks, of Indiana was unanimously re-elected President General of the Daughters of the American Revolution.

MORE RIOTS.—Disturbances of strikers are not nearly as grave as an individual disorder of the system. Overwork, loss of sleep, nervous tension will be followed by utter collapse, unless a reliable remedy is immediately employed.

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Medical. CERTAIN RESULTS. "NOTHING CAN BE SURE" IS THE TESTIMONY OF BELLEVILLE. CITIZENS.

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Special Offers.

THE OLD RELIABLE KEYSTONE HARNESS FACTORY. Will offer for the NEXT SIXTY Days Robes, Blankets, Nickle and Rubber Trimmed Harness in single and double.

BLANKETS, ROBES AND HARNESS. Come in and let us figure with you on anything you may want in our line. We are Headquarters for EVERYTHING IN THE HORSE LINE.

Restaurant. I have purchased the restaurant of Jas. I. McClure, on Bishop street. It will be my effort and pleasure to serve you to the best of my ability.

Travellers Guide. TWO TRACKS TO TEXAS. A NEW EAST TRAIN. Between St. Louis and Kansas City and OKLAHOMA CITY, WICHITA, DENISON, SHERMAN, DALLAS, FORT WORTH.

Travellers Guide. LEWISBURG & TYRONE RAILROAD. Schedule in effect on and after Feb. 8th, 1903.

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PENNSYLVANIA RAILROAD AND BRANCHES. Schedule in effect Feb. 8th, 1903.

VIA TYRONE—WESTWARD. Leave Belleville 1.05 p. m., arrive at Tyrone 2.30 p. m., at Altoona 3.40 p. m., at Pittsburg 4.45 p. m.

VIA TYRONE—EASTWARD. Leave Belleville 4.44 p. m., arrive at Tyrone 6.00 p. m., at Altoona 7.10 p. m., at Philadelphia 8.47 p. m.

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