

Curiosities of Science.

HERITABILITY OF A BEETLE HEART. Prof. Rutherford, of Kings College, England, is now lecturing on physiology. He narrated a frog with a beetle heart, and then took the heart and placed it on a glass plate in a little pool of serum, just to keep the organ moist. Strangely to say, it kept on pulsating precisely as when in the body.

Why was watching the phenomenon awhile, he cut the throbbing heart transversely in two pieces, through the middle of the ventricles. The apex was quiescent, but the base continued pulsating as before. Why the death of one part and not the other? Dividing the contractile muscular fibres by which contractions were performed, explained the rationale of the experiment in regard to the quiet half of the heart.

CLINICAL OBSERVATION. Dr. Griffiths, of the Royal Irish College of Surgeons, proposes a common tuning fork for ascertaining the normal or abnormal vibrations of the chest. It is a curious circumstance, quite new, that when the forks are vibrating, if applied to the chest or abdomen, a positive difference of sound is perceived between a diseased or a sound organ over which it is placed. Practises required to fully appreciate this novel method of internal explorations.

PUBLIC HEALTH. At no period in the history of England has so much scientific attention been given to public health and the means of promoting it as at present. Even government recognizes the duty of caring for the masses by giving the poor pure air for respiration, the first demand of their nature, and the next is wholesome food.

Homekeepers and Housekeepers. It is a well known fact that many persons have very fine and orderly houses, but have, after all, no home, for Home is not merely four square walls. Home is a life, a heart, a soul, a spirit. Home is a life, a heart, a soul, a spirit. Home is a life, a heart, a soul, a spirit.

WHEREVER THE STRIFE FOR POSITION and wealth is most active, there men and women are prone to distraction. Wounded pride, disappointed expectations, restless ambition, and a determination to rule or ruin, appertain to countries where civilization is most advanced, and the difficulty of procuring subsistence becomes difficult in consequence of a density of population.

THE PEACE OF A FAMILY is destroyed by attempting impossibilities. The breakfast of the later riser need not have an added tirade against servants. Realizing that the guest regrets his tardiness, she lets the cold breakfast suffice, and does what she can by word, look, and act to make the best of what cannot be helped, and really so calls out the gratitude of the later riser, and ever after that breakfast is a bright and pleasant memory; for he feared he was a nuisance, yet without direct word he felt that his act did not discommodate the other.

Quite a new art has been introduced to the world of manufactures by Mr. Isaac Adams, of Boston. Although an art, it belongs to science, and in the sphere of interest to chemists. Plating with nickel is accomplished by electrolysis. The process is simple, but unfortunately being patented, the price of a right to use it is too expensive to be extensively employed.

Prof. O. C. Marsh, of California, has discovered the skeleton of a biped in the upper cretaceous formation of Western Kansas, that was five feet high. It must have been extinct many ages.

A Rocky Mountain Cat. Jim Stewart, sometimes called the "Commodore," is the most noted shark in Erie. He is a good-natured, shrewd sort of a fellow, somewhat addicted to doing business now and then on the Jersey Diddle style, as the following incident will testify: Living near the residence of the Hon. Morrow C. Lowry, he was frequently employed by the latter to do odd jobs around the house and in the garden. One day Mrs. Lowry concluded that the small cat, although a worthless tom-cat, long attached to the family, were such as demanded the infliction of capital punishment, and Jim was called upon to play the part of executioner. After a long chase the victim was captured and put in a basket, over which an old shawl was fastened. The next move was how to dispose of the prisoner. Mrs. Lowry suggested drowning, but Jim, with tears in his eyes, protested that he could no more drown the cat than he could drown himself; that were he to do so, his conscience, acting on a naturally tender heart, would trouble him so much at nights that he was sure that he would never sleep a wink thereafter. Not wishing to ruin Jim's peace of mind, Mrs. Lowry compromised the matter by giving him a dollar, and directing him to dispose of it any way he pleased, so that she should never see it again. "Putting the dollar in his pocket and the basket under his arm Jim started down town. He had not gone out of sight of the house when he met Morrow walking along leisurely toward

AGRICULTURAL.

CONK FODDER.—The opinion we have always held upon the question of the value of green corn fodder for milk cows has been that when raised from broadcast sowing it is nearly worthless, but when sown in hills or in drills, and cultivated with access of air and sunlight, it is of high value. During the present season we have made some experiments to test the correctness of these views.

Our IMPROVED CULTURE OF CONSUMPTION.—How many of us can date the cause of our last sickness to either a crowded room, or then coming out in a cold air, or wearing damp clothes, causing a cough which settles upon the lungs, producing seated pains in the chest. Allen's Lung Balm will check the disease and restore health to the system, if only used in time.

THE CULTURE OF THE HAIR.—Just as surely as a well cultivated garden yields a crop of good and useful produce, so the scalp now sown with hair, dry, unmanageable hair can be made profuse and luxuriant by the use of the hair restorer. Leaving the agricultural chemist to determine how the barren land shall be fertilized, we merely assert that Lyon's Hair Restorer is unequalled as a fertilizer and beautifier of the hair.

THE PURIST AND SWEETEST COD LIVER OIL in the world is Hazard & Caswell's, made on the sea-shore, from fresh, selected livers, by CASWELL, HAZARD & CO., New York. It is absolutely pure and sweet. Patients who have once taken it prefer it to all others.

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LITERARY NOTICES.

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