

Scientific.

MORTALITY IN ENGLAND.

The mortality of men in towns demands a careful investigation. At 45-55 the mortality of London men is not far from double that of men in the healthy districts of the country.

If the mortality of all England is arranged in five great groups, the following result appears. Where the mortality was fourteen, fifteen, or sixteen, per 1,000 persons living, the population was only eighty-six to the square mile.

THE FROZEN WELL.

One of the most remarkable facts known in Brandon, Rutland County, Vermont, in which ice is found all the year round. The writer visited it in the summer of 1860.

ANCIENT AND MODERN ENGINEERS.

In some respects the ancients certainly eclipsed our conceited moderns. Our engineers gaze at their monoliths, their Cyclopean walls, their pyramids, and the ruins of such temples as those of Luxor and Baalbec.

A MINISTER AND THE BEES.

Dr. Cumming, of London, spends his summer vacation in a country cottage, and finds recreation from mental toil in careful study of nature. He has interested himself in watching closely the habits of bees.

Rural Economy.

The lecturer commenced by explaining why he had chosen this subject, and how he had acquired his information. He was in the habit, with his wife and children, of going down to a cottage in Kent.

THE LEVEL OF THE DEAD SEA ASCERTAINED.

A party of royal engineers, under the command of Captain Wilson, set out in September last to make a survey of Jerusalem, and to "level" the country from the coast to that city, and thence to the Dead Sea valley.

INTERESTING DISCOVERY AT POMPEII.

Abundant details have been received from Naples respecting the freshly uncovered temple of Juno, among the recent excavations at Pompeii. Three hundred skeletons were found crowded within that sanctuary.

CHOLERA ATMOSPHERE.

It has long been a question among scientific men, says the Opinion Nationale, whether the immediate causes of cholera exist in the atmosphere or not.

MANUFACTURED ICE.

It was published last winter that a Captain Girarde, of Augusta, Ga., had invented an engine by which he could rapidly manufacture ice of the finest quality.

the nadir hives. By these methods the bee-master saved his bees, and obtained honey greater in quantity and purer in quality. He thought that any one living in the country might make £8 or £10 a year by keeping bees.

THE CATTLE PLAGUE.

A terrible disease among the cattle has appeared in and around London. In many of the cow-houses in the city the whole of the stock have been carried off; in others most of the animals have died or have had to be killed.

The following are said to be the symptoms:— Variations in the earliest indications of the disease will be manifested, these depending somewhat on the severity of the attack, but more especially on the circumstance as to whether the digestive or respiratory system is the chief focus of the malady.

The bowels are sometimes torpid at the outset, but diarrhoea, leading to dysentery, mostly follows, the evacuations being slimy, liquid and of a dirty yellow color, occasionally tinged with blood.

MULCHING PEAR TREES.

The pear tree abstracts from the soil a very large amount of water, parting with it the surfaces of its leaves, depositing during its passage the matter in the form of a continuous stream of lukewarm water soon causes the substance on which it falls to become much heated; and thus in summer the sun falling on the earth around a pear tree, naturally gives to its water a large amount of heat.

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