

Poetry.

Literary Larceny.

How hard, when there who do not wish  
To lead—let's look—let's look at fish  
And stare by anglers—let's look at fish  
With literary looks.

Who call and take some favorite tome,  
But never read it through;  
They thus complete their set at home,  
By making one of you.

I, of my Spenser quite bereft,  
Last winter was shaken;  
Of Lamb I've but a quarter left,  
Nor could I save my Bacon.

They picked my Locke, to me far more  
Than Bramhall's patent worth;  
And now my losses I deplore,  
Without a home on earth.

Even Glover's Works I cannot put  
My frozen hands upon;  
Though ever since I lost my Foote,  
My Buylan has been gone.

My life is wasting fast away—  
I suffer from these shocks;  
And though I've found my Gray,  
There's gray upon my locks.

They still have made me slight return;  
And thus my grievance;  
For oh! they've cured me of my Burns,  
And eased my Akenide.

But all I think I shall not say,  
Nor let my anger burn;  
For as they have not found me Gray,  
They have not lost my Sterne.

—Hood.

Agriculture.

Irrigation and Watering.

The process of irrigation, when judiciously performed, greatly increases the productivity of all soils, and every crop in climates that experience periods of drought, they are so short.

A proper quantity of water is absolutely necessary, not only as a vehicle of conveying the food from the soil to sustain the plant, but as the sole agent in promoting the decomposition of all organic and inorganic manures. All vegetable and mineral matter is more or less changeable and indestructible when dry, and the wet state is the position antagonistic; therefore a regular and constant supply of water is the very life-blood of vegetable vitality.

In California, where, from the necessity of the case, they are obliged to irrigate, the process, owing to the periodic dry season, it performs wonders; eighty-four and a half bushels of wheat to the acre; turnips thirteen inches in diameter; beans weighing twenty-seven pounds; and all other crops in proportion, are the result.

There are many districts in this country where it could be used to great advantage, particularly on grass. The process is entirely different from our watering of gardens in dry weather. In irrigation water is let on in any quantity not sufficient to drown the plants, and allowed to stand till the earth is thoroughly soaked to a foot or more in depth, and then passes to another level.

Whoever has taken pains to water gardens in dry spells can not fail of having been struck with the trifling effect produced—often appearing to do more harm than good. The cause is that temporary watering does not penetrate the soil more than an inch or two; but the great failure arises from the fact, that, instead of thoroughly wetting the ground, the slight sprinkling causes the roots, instead of penetrating deep, to send out and spread near the surface during the night, and an hour's sun dries up all the moisture—leaving the plant often in a worse state than if it had not been watered with, for, as it has been left alone, the roots, in their requirements of water, would have penetrated below and sustained themselves.

We have often observed that after commencing the watering of vegetables it must be constantly kept up, or they prove worse than those left alone. When temporary watering in the garden is resorted to, the only course is, to use large dishes, cans, or drills, and to give slowly large quantities of water, or the contiguous dry earth absorbs so much and so quickly that the plant is very little benefited by it.

As the soil is so dry, it is to the manner generally adopted with house plants; they get a little bit of water, doing no good, when they are thoroughly watered, they are wetting the earth of the pots, would be infinitely better. The roots being at and near the bottom, it is a good process to set them in a basin of water till wetted entirely through—*Moor's Rural New Yorker*.

Important Facts.

It has been ascertained that a piece of land which yields only sufficient pasture for one head fed up on it, will supply food for four head in the stable, provided the crop be cut at the proper season, and fed in a proper manner. Besides this, the quality of manure from the same amount of cattle, and the richest and most efficacious manure is made in the stable, if conveyed to the fields at the proper stage of fermentation. The increase of milk, also, which is secured by the adoption of this process, is an important consideration. Besides, the cattle increase much more rapidly in weight while fattening than when allowed the free range of the fields, are secure from accident, and are not annoyed by flies, insects, or heat. They likewise escape many of those troublesome and often fatal diseases to which cattle are liable abroad. The quantity of manure each animal furnishes when fed in the stable, and properly littered, may be set down at sixteen large double cart-loads. I do not suppose the system of soiling cattle will soon become popular in this country.

There are many circumstances which, in my mind, seem to preclude the possibility of this; yet there are situations where it can unquestionably be adopted with high laborable effects. In many sections experiments have already been made, the results of which demonstrate most exclusively that it is far more economical to fatten animals in the house than in the field. Dairy-men, also, in the vicinity of our large towns frequently keep their milk cows in the stable, milking them three times a day instead of twice, and supplying them with fresh fodder from the fields as long as it can be had. The market in the same way, and the very decided superiority of the mutton, and the consequent ready sale, and high price it secures in the market, indicate the superiority of the new system over the old. No one can doubt that swine do much better when confined to a snug sty, while fattening, than when permitted

to go and come when they please. Why should not the same reasoning be applied to other domestic animals? High feeding makes them spirited and active, and they run and frisk so much that nearly one-half the food supplied is a dead loss to the feeder.—*Germanen Telegraph*.

**SPADING VS. FLOWING.**—“Wonders will never cease,” has often been said and still holds true. To the astonishment of the farming community, “and the rest of mankind,” spading machines are now being produced which are capable of doing the work of three to five ploughs in width and from eight to eighteen inches in depth, with the power exerted by one or two yoke of oxen. It is said that the soil is left as free and light as after being thrown up by the expert hands of a genuine son of Erin with an ordinary spade.

Miscellaneous.

Discoveries in Jerusalem.

The following notes on ancient quarries in Jerusalem have been placed, says the London Athenaeum, at the service of our readers through a friend. They were made by a Scotch gentleman, Mr. Douglas—

During a visit to Jerusalem, in the spring of 1855, I became acquainted with a very intelligent Hebrew, who informed me that there were extensive quarries beneath the city, and that there was no doubt evidence that from these quarries the stones employed in the building and rebuilding of the temple were obtained. He told me that these excavations were accessible through a small opening under the north wall of the city—that he had descended some time before with two English gentlemen, and had spent with several hours in exploring the excavations, which were sufficiently extensive to have furnished stones enough, not only for the construction of the temple, but for the whole of Jerusalem, the walls included. He expressed his readiness to accompany me, but proposed to go after dark, as he feared the Turkish guards might fire upon or maltreat us, if they detected us. As my party comprised two ladies, and my two sons, all equally desirous with myself to see these excavations—as the gates of the city were closed at sunset, and as there were no houses outside the walls—I would not listen to the proposal to spend the night in the open air, unless upon trial, I found we could do no better. We accordingly went to examine the situation and size of the opening. We found it about one hundred and fifty yards to the east of the Damascus gate, and entered by a low archway of some wild animal. There was no rubbish about the opening, but some tall grass and weeds. Persons entering might be observed by the guards; but this did not seem very likely, as the soldiers generally remained within the gate, and only very rarely one ventured outside. We accordingly decided to make the attempt by daylight, fully assured that, even if observed, we should only be rudely driven away. The next morning, therefore, we left the city as soon as the gates were opened. One of the party got into the hole, but returned, saying that it would be necessary to get in feet foremost, as there was a perpendicular descent of six or seven feet at the inner opening. He went back again with the light; I followed. The ladies were got through with considerable difficulty. When fairly inside, we found ourselves in an immense vault, and standing upon the top of a pile which was very evidently formed by the accumulation of the minute particles from the dressings of the blocks of stone. On descending this pile, we entered through a large arch, into another vault, equally vast, and separated from the first by enormous pillars. This vault, or quarry, led, by a gradual descent into another, and another, each separated from the other by massive square pillars, which had been left to give additional strength to the vaulted roofs. In some of the quarries, the blocks of stone were laid in tiers, and in others they were quarried out by partly dressed; in some the blocks were still attached to the rock; in some the workmen had just commenced chiseling; and in some the architect's line was distinct on the smooth face of the wall of the quarry. The mode in which the blocks were got out was similar to that used in the quarries of Egypt, Syria, and in the sandstone quarries of the Pyrenees, and in the quarries at Syene. The architect first drew the outline of the blocks on the face of the quarry; the workmen then chiseled them out in their whole thickness, separating them entirely from each other, and leaving them attached by their sides to the rock. They were then cut out by cutting a solid passage behind them, which, while it separated the blocks, left them roughly dressed, and left the wall prepared for further operations. We remarked the similarity between the stones chiseled in these quarries and the black blocks of stone built into the walls of Jerusalem, their size, their weather-worn appearance, and the peculiar ornamentation of their edges. We spent between two and three hours in these quarries. Our examinations were, however, chiefly on the side known as the Valley of Jehoshaphat. Our guide said that the quarry to the westward was a quarry of the peculiar reddish marble so commonly used as pavement in the streets of Jerusalem. From the place where we entered the descent was gradual. Between some of the quarries, however, there were broad flights of steps, cut out of the solid rock, and had no means of judging of the distance between the roofs of the vaults and the streets of the city, except that from the descent the thickness must be enormous. The size and extent of these excavations fully bore out the opinion that they had yielded stones enough to build not only the temple, but the whole of Jerusalem.

The situation of these quarries, the mode by which the stones were got out, and the evidence that the stones were fully prepared and dressed before being removed, may possibly throw light upon the verses of Scripture in which it is said—2 Chronicles ii. 18: “And he [Solomon] set three score and ten thousand of them to be bearers of the stones, and four score thousand to be hewers in the mountains, and three thousand and six hundred overseers to set the people to work.” And again—1 Kings vi. 7: “And the house, when it was in building, was built of stone made ready before it was brought thither; so that there was neither hammer, nor ax, nor any tool of iron heard in the house, while it was in building.”

In one of the quarries there was a spring of water. A recess in the rock and a shallow trough had been cut for its reception. The water was soft and clear, but somewhat unpleasant to the taste. The expenditure of our candles hastened our departure. We got out as we went in unobserved. I had not another opportunity of visiting these quarries, but left Jerusalem in hopes that some one more enterprising and more able to explore and give a more detailed and accurate account of these excavations, which to me seemed so bounding in interest.

Rhodes—Its Past and Present.

Rhodes, in every respect, is one of the most illustrious among all the islands of the Mediterranean Sea. Its situation is remarkable. On the verge of two of the basins of that sea, it became the intermediate point of the eastern and western trade; and it was the Greenwich of the Greeks, from which their geographers reckoned their meridian of latitude and longitude. It was a proverb, that the sun shone every day on Rhodes; and this beauty and brilliancy are typified in her coins, on one side of which is the head of Apollo radiated like the sun, while the other exhibits the rose flower, the conventional emblem, which bore the name of the island.

The writer arrived at Rhodes in the dawn of the morning, having sailed in the track of Paul by Patras. Few places since the fall of the Roman empire excite the same interest as Rhodes. Its earliest origin is obscure, but it soon became distinguished in maritime affairs, and in the school of rhetoric and philosophy. At a later period it was the barrier between the continent of Europe and the barbarism of Turkey. The fertility of its soil, and the salubrity of its climate, combining the warmth of tropical regions with the genial temperature of a more northern zone, were wont to be praised by the classics. We therefore hail our arrival at this island as the dawn of our happiness, and the dawn of our civilization. The island of Rhodes is a pretty picture; the coast is indented with gulfs and winding bays. None of the Asiatic islands have been so delectably celebrated as Rhodes, the Venice of the East. In extent and population it is second only to Cyprus and Lesbos. 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