## Sorince mo Aht.

## New Views Respectlng Geology.

Do Fossils and Rocks Grow-A practical miner of great experience, named W. Ennor, has recently communicated some very curious views and strange information to the London Mining Journal relative to the growth of rocks and fossils. His views are entirely opposed to the Plutonic theory, and the common opinions of geologists, who believe that the fossils found in rocks, however deep, once lived and moved on the face of the earth, and were submerged by some convulsions of nature, and buried where they are now found, in the coal measures and sandstone, \&c. He says:-
"We have also ample proof that quartz grows in a short space of time, which I could prove to any one who likes to accompany me through the mines. A person visiting Devon Consols will have it pointed out. I am, for various reasons, inclined to think that all lodes where quartz or other crystals are seen in the act of growing are progressive lodes. While on this subject, I would call attention as to how these things first form. Do they germinate from a seed of their own kind? or what is the first formation, as I at all times find the first or centerto be of a different character from the outer portions? Again, how do they increase in size? I, at first, was inclined to think the addition took place on the outer side, by accumulation from aqueous gases passing through the earth; but I now discover it is not the case, as thevery crystals at Devon Consols have shot up by thousands from the lode in the bottom and sides of levels where there is a current of air, which clearly proves that they draw tbeir nutrition from the rocks below, which is carried up as the sap passes up in a trec; and rings may be often seen in quartz crystal when broken across, similar to those in a tree when sawn.
Minute crystals of copper, sulphur, or arsenical mundic, adhere to it. Crystals are often found adhering to clusters of quartz.
I next call attention to the fossil plant so often found on stones, and notice that they are at all times found to take the cleavage way of rocks, and to incline south or west, with the top of the plant upwards. Were these plants once embedded in sediment which had undergone upheavals, they would now be found lying in all directions; and not passing between the cleavage, as the cleavage is often contrary to the bed. Every different rock appears to produce its own species of plant. I have long doulted the fact of a large portion of them being plants which once enjoyed the sun's rays. Query, are these plants the rock's natural produce, or the seed of living plants that became embedded, and strove hard with Nature to produce what we see? or did all plants germinate from the earth?
I must mention a plant which I saw growing last Christmas, in a level from 70 to 100 fathoms dcep, at North Wheal Crofty. These plants might be seen coming out of the joints, some not above 6 inches long, and others of various sizes-one was perfect, 4 feet high, spreading 4 feet, and stuck to the side like ivy to a wall. There were many others as large, but injured, as it was a working level. I can produce impressions of plants of the same kind, and is large, printed between the cleavage of stone. All these things are to be seen, as I never promulgate mere hearsay."

## Meadlu;: Cablbages in Winter.

A number of our agricultural exchanges give the following method of making cabbage head in winter, which we hope is correct:-
"Select a suitable spot in a garden or field, six feet in width, of any desircd length, free from standing water; run a furrow the proposed length of your bed, and throw a back furrow upon it. This double furrow will form a side wall of your cabbage house. In the trench stand your cabbages on their roots, leaning towards the furrow at an angle of 40 to 4.5 degrecs Let the next furrow be thrown upon thee roots and stalks of the cabbages, and another row be placed in the trench made by the second furrow; thus proceed until your six feet of width is planted, then let the last fur-
row be a double one-making the other side wall about the hight of the cabbage head.Through the whole length of the middle of the patch lay rails lengthwise, supported by crutches, at the hight of about two feet from the cabbages; this will form the ridge of the cabbage house. Lay light brushwood from the sidewalls to the ridge pole; then throw on salt hay, or bog hay, or straw, two inches in depth. As the cold weather advances throw on dirt till you have a depth of say six or eight inch-
es-or even more when the winters are severe, es-or even more when the winters are severe,
and finally spank the dirt roof with the flat of and finally spank the dirt roof with the flat of
which are necessary to show the action of the spade until it will shed the rain. Fill up ated than it really is. It is a very simpomplicatwo ends of your house in the same manner, foraccomplishing the objects stated, and will be leaving only small air holes of a foot or two clearly understood by a careful examination of diameter, which may be closed with hay. The the description and figures. It is a neat ength of the house should be on a north and weather strip, as no part of it is seen, and it south line.
In the early spring you will find your most unpromising plants have heads of their own can be attached by any carpenter to casings already set. The price for each, applied to a French window, the inventor informs us, is but two dollars.
More informatfon may be obtained by letter addressed to Mr. Speer, of Passaic.



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