## Scientfic.

Vegetation of the Frozen Regions.

the more remarkable features of this unitrie ence of 152 days. This difference is more the right objects. readers: The soil is always frozen, and has no influence upon the weather. merely thaws during the summer, a few feet below the surface. But thawing is by no means uniform. In peat it extends not deep. The demolition of a building attached to s ho, after a series of experiments in India, there is a harp with four strings lying by it success. L. Dorand. Derby, Ct. arrived at the same conclusion. The roots On the right is a representation of the parable of the plants, even those of the shrubs, do not of the rich man in This morceau, although penetrate into the frozen subsoil. On reach mutilated, is curious, from the vigorous enering it they recoil as if they touched upon a gy of its compension. A man is represented rock through which no passage could be for in a sitting posture, holding a large purse beced. It may be surprising to behold a rege tween his legs, and which he appears to be existing independent, it would seem, of ter-forks, who are strangling him with cords. restrial heat But surprise is changed into This piece of soulprare has been deposited at ledge receiving many a valuable hint, on amazement, on visiting Kotzebne Sound, the museum of the town. where on the tops of icebergs, herbs and shrubs are thriving with luxuriance only equalled in more favoured climes. There, from Elephant to Eschscholtz Point, is ally examining a folio edition of Johnson's Die May number, from the pen of Dr. Cleaveland, A most promising colt that attracts universal series of chiffs from seventy to ninety feet high, tionary, formed the following table of English respecting." An influence affecting the puri- admiration while it follows the mare may be which present some striking illustrations of words derived from other languages: Latin, ty of blood in stock.". It is true much dis- grown into an almost worthless horse. How the manner in which Arctic plants grow 6,732; French, 4.321; Saxon, 1,665; Greek, appointment is often met with in breeding then, having a good beginning, shall we grow Three distinct layers compose these cliffs. 1,168; Dutch, 691; Italian, 211; German, animals of good pedigree, but this is com- a good horse, for good horses alone are pro-The lower as far as it can be seen above the 106, Welsh, 90; Danish, 75; Spanish, 46; monly traceable to other causes, than that fitable to raise? By exercising the greatest high. The central is clay, varying in thick- brew, 16; Teutonic, 15: Arabic, 13; Irish, in looking over a herd, to have some particulated to be colts. Many almost ruin a colt. ness from two to twenty feet, and being inter- 6; Runic, 4; Flemish, 4; Erse, 4; Syriac, 3; lar excellence or defect pointed out, and the first winter, by starvation, by turning it mingled with remains of fossil elephants, Scottish, 3; Irish and Erse, 2; Turkish, 2; traced to some remote progenitor. I have into the yard to run with the young cattle, to horses, deer, and musk oxen. The clay is Irish and Scotch, 2; Portuguese, 1; Persian, in my mind's eye now, a celebrated bull, the pick up a scanty nourishment and that of the vegetation to which it owes its existence 15,734. Every year, during July, August, and September, masses of ice melt, by which the uppermost layers are deprived of support, and of ice melt, by which the uppermost layers are deprived of support, and tumble down. A pieces still covered with lichens and mosses, myself, one of that class. there a shoal of earth with bushes of willows; at one place a lump of clay with senecios and ters that farmers, as a class, are the least in- but that nature, in some of her freaks, should There is something so absurd in scanting polygoniums, at another the remnants of the telligent and poorest educated of any, and it occasionally produce something which would the supply of nourishment, to a young growces, and is evidently decomposed animal matilea be correct or not, may be of no particu-liable to mark their young, length; and weighing more than 240 pounds. Nor is the formation confined to Eschecholtz small amount of useful knowledge, we can and the same day was served by a red polled Colts are often put to hard work at too bue Sound on the river Buckland, and in is, that our present wants must be satisfied she produced a red and white horned calf. facts we must acknowledge that terrestrial land. The life of an American farmer has of his pure bred calves, for they were badly children would prevent this. hear exercises but a limited and indirect in- always been and must ever be one of labor. marked with white. I remember reading of Colts should be put to exercise and training while it lasts, plants make no mistake about with our hand work, and for the ostensible of instances of cows thus served, have not yet important.—Granite Farmer.

the time, when, if it be not night, it ought to reason that we can get along just as well seen the first trace of the blood of a previous be; but regularly as the evening hours ap-without it. But it is not enough that a far-sire. I own a valuable bull, whose services

Strawberries Grante Farmer.

Strawberries Grante Farmer. proach, and when a midnight sun is several mer can improve his soil so as to make it pro; are in good demand; now, if the Doctor's autumn, a few dog-roses of good sorts, on their degrees above the horizon, droop their leaves; fitable, for hundreds of farmers do that, who theory is true, how unwise are my friends own roots, are selected and planted in pots; at

fluence of the moon upon the weather. From contented mind, but not a dull and sluggish allow me to say, that I write not as one the new moon to the first it rained (during one; for with all the followers that "Ignora- having authority but as one who six days the period of twenty years embraced in the mus" has had from time immemorial, he has of the seven wears We take the following from a review in calculations) 764 days: from the first quarter never succeeded in making a single person the London Literary Gazette, of Seaman's to the full moon it rained 845 days; from the rationally happy and contented. I believe "Botany of the Voyage of H. M. S. Herald full moon to the last quarter it rained 761 firmly that the occupation of the farmer is

Ancient Sculpture.

## Lexicography.

## The Farm.

# Farmer's Talk.

complete chaos is thus created; ice, plants, class of citizens and laborers that I feel author's system is influenced and changed, by assured us that at no time in the life of his bones, peat, clay, are mixed in the most dis-interest in, more than another, it is the far-the young she carries in her womb, and if the colts did he take so good care of them and gine a more grotesque aspect. Here are seen feeling, I should answer, it is because I am, is contaminated, and she rendered similar to ter; and that, by the effect produced upon

adopt the most improvements, both useful and (of ornamental trees;) a beautifully cultivated ornamental, are the ones who succeed best fruit garden; a full green-house and hot-house and make the most money.

er than two feet, while in other formations, the old Abbey of St. Germain, at Auxerre, but this should not discourage us! Honesty kies; wild and domestic birds; the richest especially in sand or gravel, the ground is has led to the discovery of an old piece of of purpose, with an indomitable perseverance anatomical collection in Europe, comprises free from frost to the depth of nearly a fathern, sculpture, dated as far back as the eleventh and energy, will eventually accomplish any over 15,000 preparations; 60,000 specimens observation of the accurate J. D. Hooker, fragment of a statue, probably of David, as laying the foundation for future good and real some thirty thousand volumes; besides which

#### Breeding Stock.

Ess. Cultivator.—I have been a reader of agricultural papers for many years, and frequently feel a desire to shed ink in the cause; but, by patiently waiting, have generpens. I dream of good cattle, and acknow- amount. breeding, from the articles, with which the upon this subject. I was much interested, good blood and established reputation. This Some years ago a gentleman, after careful and have read and re-read the article in the is necessary, but it is not all that is necessary. ground is ice, and from twenty to fitty feet Islandic, 50; Sweedish, 34; Gothic, 31; He- assigned by the Doctor. How common it is, care in their management until they have where, to an inferior cross evidently.

EDS. CULTIVATOR-If there is any one It is laid down as a rule, that "The mo-horses at the highest market prices, has often a mongrel for the remainder of her life."

It has been often said by agricultural wri- This assertion would be startling if true; horses they would become.

It is certainly remarkable to notice what a heat, was with a red and white horned ox, can be done then with less injury.

degrees above the horizon, droop their leaves, and sleep even as if they do arouses in more passes an amount of general knowledge which favoured climes. If man, observes Mr. Seeman, is should ever reach the Pole, and be undecided which way to turn, when his compass his become stagges, his timepiece out of order, the plants which he may happen to meet will show him the way; their sleep ing leaves tell him that midnight is at hand and that it that time the san is standing is the plants of the san is standing is the plant of the san is standing is the plants of the san is standing is the plants of the san is standing is the san is standing is the plants of the san is standing is the san is standing is the plants of the san is standing is the san is standing is the plants of the san is standing is the san is standing is the san is standing is the san that it into time the san is standing is the san that it into time the san is standing is the san that it into time the san is standing is the san that it into time the san is standing is the san that it into time the san is standing is the san that it into time the san is standing is the san that it into time the san is standing is the san that it into time the san is standing is the san that it into time the san is standing is the san that it into time the san is standing is the san that it into time the san is standing is the san that it into time the san is standing is the san that it into time the san is standing is the san that it into time the san is standing is the san that it is to refine and enlarge the general san that it is to refine and enlarge the general san that it is to refine and enlarge the general san that it is to refine and enlarge the general san that it is to refine and that it is to refine and that it is to refine and that it

THICK BOOTS.

### National Garden.

The Jardin des Plantes, or national garden under the command of Captain Kellet." The days and from the last quarter to the new better calculated to ensure real enjoyment at Paris, costs annually, according to the for-Herald was one of the ships engaged from moon it rained 896 days. So that during the than any other business. Still there are hun leigh letters of P. Barry, about \$100,000 for 1845 to 1851 in exploring the Arctic regions, moon's increase there were 1,609 rainy days, dreds of farmers who live a toilsome and com- its entire support. It contains in a growing and in search of Sir John Franklin. Among and during her decrease only 1,457-a differ-plaining life because they do not labor for state, arranged and labelled, all the best new and old kitchen vegetables, where market garting region are the ice-cliffs crowned with likely to have been accidental than the result. I am well aware that it must be the far- deners may come and learn their qualities; a soil and luxuriant vegetation. The following of any natural cause, and the conclusion which mer's general rule to carry on his business great collection of medicinal plants; a comaccount of them will be new to most of our we derive from the statement is that the moon for profit, and I find that those farmers who plete assemblage of the grasses; an arboretum department; a menagerie of everything from We have often to struggle against poverty, all parts of the world, from elephants to monshowing that sand is a better conductor of century. The principal subject represents thing. We may safely depend that in indus- of minerals, and fifty thousand species of heat than peat or clay, and corroborating the Daniel in the Lion's Den. On the left is a try and the improvement of the mind, we are dried plants; a natural history library of there are experiments in all departments of horticultural constantly in progress, and gratuitous lectures delivered by the most eminent scientific men. Now the question naturally suggests itself, which would be the greatest benefit, to the people of this country, such an institution as this, at \$100,000 annually, or a tation flourishing under such circumstances; defending against two devils armed with pitch, ally found my subjects ably treated by better navy costing yearly one hundred trikes this

To have a Good Horse It is not sufficient to have a good colt, the Cultivator, from time to time, has favored us, product of a superior mare with a stallion of covered by peat, the third tayer, bearing the 1; Frisic, 1; Persic, 1; uncertain, 1; total best I ever saw, for fullness of points and cheapest and coarsest food. There is on the depth of pedigree, many of whose get, for other hand no one season of its life when color and marking, go back several genera- care, and good and full feeding of appropriate tions, and some of them (the taint may be in food will tell so much for good as this same the cows, of course) go --- nobody knows first winter. A friend, who, for now many years has annually sold two or three young orderly manner. It is hardly possible to ima-mers. If I were asked the reason of this male parent be of a different breed, her blood feed them better than during their first winthem the first year he could tell what kind of

mammoth, tufts of hair, and some brown dust, often seems that we have the least influence warrant the above, is nothing strange. All ing animal! Some fancy that such a course which emits the smell peculiar to burial-plat and are the least respected. Whether this females are more or less imaginative, and will render the animal hardy. The only effect produced upon the growing animal by an termy The foot frequently stumbles over enor lar consequence in itself; yet, if such be the The story of Jacob and his peeled rods, is insufficient nutrition, is to hinder his best demous osteological remains, some elephants case, it is well to inquire whether, as farmers, familiar to all. A more modern instance is velopment. Wait until he has attained his tusks measuring as much as twelve feet in we have not something to do in this matter, on record of a polled cow, which, while in growth, and then stint him if you choose. It

Bay. It is observed in various parts of Kotze-content ourselves with, The reason of this bull, both of pure blood; yet in due scason young an age. It not unfrequently happens that you will see a horse of five with all the other localities, making it probable that a great and the future cared for, while the mind is A breeder of Devons in this state, having wear of ten in his appearance. This should portion of extreme Northwestern America is, left to starve. The great object of life ap- pastured a lot of marked cattle with his cows, never be. The exercise of the same judgment underneath, a solid mass of ice. With such pears to be to make money and buy more was constrained the next season to veal most in the management of colts most use towards

fluence upon vegetable life, and that to the This faw of labor we cannot after, and we the mongrel Quagga colt several years ago; at an early age, and may do light labor to adsolar rays we are mainly indebted to the ex-would not if we could, because it is just and it was then supposed that the imagination, vantage, but to put upon four years the labor istence of those forms which clothe with ver- right. Yet I am satisfied that the mass of and not the blood of the dam was affected proper only for six or seven years, has been dure the surface of our planet." A curious farmers labor a great many more hours in the I live in a neighborhood where Short-horn, the ruin of many a promising animal. There fact is stated respecting the condition of the year, than is necessary, because they do not Devon, and Polled cattle, are bred, and ex- are other suggestions that occur properly in regetable world during the long day of the work to the best advantage. We do not tensively crossed with the native breed-some this connection, but we will omit them, con-Argue summer .- Although the sun never sets combine half enough of genuine head labour using first one, then another; and in hundreds sidering the two mentioned above as the most