## VOL. XLII.

# AGRICULTURAL

GARDENING.

RULATION OF CROPS .- Q. What is meant by the rotation of crops !

A. By a relation of crops is meant a regu-lar succession of crops, so that the same kinds shall not follow immediately.

Q. Why is a change of crops to be recom

A. Since plants of one sort consume the same elements of food contained in the soil. it follows, that the continued cultivation of the same plants will, more or less, deprive the soil of the elements on which they feed. are taking measures to propagate from these

A. Where frequent and abundant manuring is given, regard to rotations is of no great importance, but in a garden poorly manured, and where, therefore, the dependence is on the soil itself for the nourishment of the crops, a rotation of them is absolutely necessary.

Q. But are there not many perennial plants which must remain in the same ground for

A. Such perennial vegetables as asparagus. sea-kale rhubarb, and artichokes, ought not to years, or until they begin to fail; but those aluable vegetables are so amply manured every year that they do not depend much on the soil for their support; yet where plantations of such perennials are broken up, vegetables of entirely different classes should be put in

Q. What does Mr. Abererombie say on this

pose a strawberry plantation requiring to be renewed—and the stools seldom continue fulv productive more than three or four yearsnstead of introducing young strawberry plants entirely, and let it be succeeded by a crop of beaus, or of some other esculent, or good-forcating root, that may be different in constitution and habits. And let the new plantation of strawberries follow some light crop which left the ground in a good state, or which allows them to be trenched. . . . Crops which strike deep and occupy the ground long, should be succeeded by plants which pierce but a little way under the surface '

Q. What is the simplest rule to be observe Forkland, Ala. This clover, when growing. ed as to the rotations of annuals and bien-

A. The most simple rule as to the rotations of annual and biennial vegetables is, that they should succeed each other as nearly as possible in different classes; for instance, the leguminous chass, (peas, beans, and kidneycans,) which have deep-growing roots, should class, which comprises cauliflowers, brocolies, best succeed the earrot or parsnip, or any other such deep-rooted kinds.

the different rotations !

ed ever requires what is called rest; the soil never becomes, as it were, tired of producing; all it requires is to be refreshed been consumed by the plants it has nourished If left unsown by the hand of man, it will produce rotations of weeds rather than be at

Q. Is it not desirable to have within the

A. The greatest profit is drawn from gardants, makes more of his ground than the clover exceedingly valuable to every South whose lands the said roads lowly, and yet does not break up a square clover, he will raise seed enough to sow 100 to their respective county courts. until the whole crop on it has been cleared off. acres of cotton land, and thus secure a rich The season for a new crop is often lost by

from which the vegetables are very gradually withdrawn!

A. Care should be taken, if possible, to clear off one row before another is entered tation, which may be proceeded with by gradual sowing or planting. Thus, instead of g up and down in a square the most cabbages, it may be better, when the is wanted and the season presses, for erop, to cut all the heads of one row further information about this grass, can obtain that the heads of one row further information about this grass, can obtain the heads of one row further information about the grass, can obtain the heads of one row through which the roads may pass to appoint through which the roads may pass to appoint through which the roads may pass to appoint a new crop, to cut all the heads of one row before any of another he cut even though of waiting for the further growth of those knowledge. plants that are in the way.

Q. By what other means may quick rotations be encouraged in gardens from which small supplies of any particular vegetables are

space with any crop than will be wanted at a- sing; and ever since I became a citizen of public roads. ny particular season, no loss of time or of the South, I have regretted to see her richest ground will be occasioned. Some allowance land rapidly wasting away without hope of act shall be in force from and after its ratificashould always be made for waste and fuil-

Q. What else should be observed as to ro-

A. The seasons should be attended to, se that each rotation shall come as much as possible in its proper month or week, or in its

Q. May not the varieties of soil in the same garden, or the nature of the aspect and shelter, render it expedient always to sow or plant certain kinds of vegetables in the same porions of the garden, and thereby derange the course of rotations?

A. The peculiar condition of soil, aspect, and shelter, may render particular portions of a garden more fit than others for certain kinds vegetables: in such cases, the regular and susual course of rotations may be dispensed with; but still many changes may be made in the successions of even the few vegetables crop may doubtless be raised in the cultivated in those particular parts of the gar-

### NATIVE FRUITS.

There are many good fruits through the ering over a greater space of ground, I can South that are "born to blush unseen and only say that I think an even culture the waste their sweetness on the desert air" with- greatest beauty of farming, and my dislike to

WEDNESDAY MORNING, MAY 7, 1851 by many called the summer grape. It grows not rest upon an uneven field of oats; here 2. Be it further enacted. That this

by many called the summer grape. It grows not rest upon an uneven field of oats; here in any kind of soil, and like the muscadine, a tail cluster of spires, and there an army of and Hyde. There are two vines of grapes looked over a field treated in this way, and in this vicinity growing wild, and running of could count, where every hill of corn had ver immense trees, that in all their habits are like the summer grape with branches formed like it. Yet one is a white grape with a most delicious rule, unput reason has a worn-out land. We want an even culture to facilitate to keepful the substance of and Hyde.

[Ratified] delicious pulp, unsurpassed by any in cultivation, the other black, but equally as good; the land. Broadcast applications of manure, the summer grape is an acid, unpalatable evenly spread over the surface, are always the fruit, yet, we doubt not, by some freak of na-

#### LAWS OF NORTH-CAROLINA.

AN ACT · Isabella ?" We should preserve our ns- To prohibit obstructions to cart ways in Che

ture, has produced both these varieties. We

two varieties and hope to be able to give a good account of them. Who knows but one

may turn out a "Diana," and the other an

tives, and experiment with them. The wild

may be grafted or layered, which is to cover

ever eat a full ripe persimmon that did not consider it equal to the best of plums and yet

the persimmon tree is suffered to grow wild,

without any attempt to improve its qualities

by culture; and France, England, and the

Northern States supply us with plum trees,

and then acclimate others. The persimmon

From the Southern Christian Advocate. A NEWAND VALUABLE CLOVER

FOR THE SOUTH.

before blossoming, resembles the red clover in some respects, but in others it is entirely differ-

ent. The blossom is vellow, and the seed re-

future improvements; and I desire, as a sin-

cere lover of my adopted home, to call the

attention of planters to the above named grass,

because I firmly believe it can be made incal-

HILL MANURING.

greater quantity of corn to the acre can be

of the land. If the season prove moist, a good

named; but should the season prove dry, the manure in the hill would damage more than

benefit the crop. The only advantage gain-

ed, is in giving the corn a start. As t

Forkland, Ala.

as before stated

Sec. 1. Be it enacted by the General Asgrape does not grow easily from cuttings; it readily strike root. There is one delicious That when any cart way is or shall be herefruit common all over the South, growing wild after laid out, in the county of Cherokee, acin old fields, on hill sides, around duches, which if it look the green house to perfect, and fourth chapter of the Revised Statutes, and would figure largely at the deserts of the wealthy; but as they spontaneously come seesed, it shall not be lawful for any one to obforth, they are left as worthless to man. We speak of the May pop, a fruit superior to or bars across such road or cart way, under pomegranate, and we verily believe equal to the penalty of five dollars for every week such the best Cuba orange. There are other fruits obstruction shall be continued; to be recover-

neglected because they are common. Who ed before any justice of the peace. [Ratified 27th January, 1851.]

ANACT

To amend an act, passed at the session of 1848-49, entitled "An Act to open and improve the road from Salathiel Stone's, in Forsythe coun-ty, to the Virginia line, near the mouth of Wil-

which are too often cultivated, but for the son, in Ashe county."

Sec. 1. Be it enacted by the General Assembly of the State of North Carolina, and it same pay as is now allowed to other wines the breeding of curculios. Let us improve the fruit adapted to our own soil and climate first. is hereby enacted by the authority of the same, es, their attendance to be proved before the is the true American date, and might be made 'That the road from Glenn's lord, on the Yad- person or persons taking their testimony and a source of luxury and profit.—Soil of the kin river, to Kinah Thompson's, shall remain taxed as the other costs in such suit.

South.

[Ratified 24th January, 1851.] other roads are in this State.

Sec. 2. Be it further enacted, That this act shall be in force from and after its ratifica-During the past spring I was much interesttion, and that all laws and clauses of laws, comed in examining a new species of clover, which ing within the purview and meaning of this act, is raised by two gentlemen in the vicinity of be, and the same are hereby repealed Ratified 28th January, 1851.

AN ACT

sembles the bean in shape, though it is but little Sec. 1. Be it enacted by the General As larger than the seed of the red clover, and is sembly of the State of North Carolina, and contained in a very singular burr, which is a- is hereby enacted by the authority of the same, bout the size of a large pea. Again, this grass, That Wm. H Miller and Albert G Logan, of the roots and all, dies annually; yet the same county of Rutherford, William M. Carson and piece of land need never be soon but once, as Wm. Murphy, of the county of McDowell, be the seed is produced in very great abundance, appointed commissioners to lay off a road from and comes up very freely and surely every the town of Rutherfordion to the town of Ma-autumn.—Again, it is entirely a fall and win-ter grass. It commences growing in October, Sec. 2. Be it further enacted, That W. H.

Q. Does garden soil require rest between and gaows on finely through the whole win- Miller and A. G. Logan of the said county of ter, affording the finest pasturage, and contin- Rutherford; David Corpening, J. H. Pearson, ues, to grow well, if pastured, until the first of the county of Burke, be appointed commisor May; about this time the seed begin to ripen, and the grass gradually dies, and leaves Morganton, the nearest and most practicable the ground thickly covered with the dead route; and that the commissioners on the part with those substances which may have branches and seed. When the cool fall rains of Rutherford county lay off a public road and dewa return, it then re-appears, and grows from Rutherfordton to the South Carolina line, I have said that it yields an abundant crop wards Spartanburg Court House.

peculiarity. From my own observations, and to lay off said-roads as soon as practicable, from what one of the gentlemen above alluded having taken an oath before the clerks of their to has told me, I am well satisfied that it will respective county courts to discharge their du-yield, on good land, at least 50 bushels, prob-ty with a faithful observance of the good of may have received for such investment, as dener who can clear out a squre of any sort of vegetables in a single week, and re-sow or re-plant it immediately with another kind of plants, makes more of his ground than the umes his vegetables very ern planter. From a lot of 5 acres of good make return of their proceedings, in writing

Sec. 4. Be it further enacted, That it shall reward of grass to cover the land during the be the duty of the county courts of the coun-Q. In what way, then, may the rotations winter, and protect it from washing rains, and ties where the damage is assessed, to unterwinter, and protect it from washing rains, and ties where the damage is assessed, to direct e most speedily made in a private garden, This is not mere fancy, for its growth on fair fund : Provided, that if either the county land is as luxuriant as lever saw of the red clo- or the individual over whose lands the road ver, on the finest lands in Virginia or Kentucky. may pass, and for which damage may be as-I carefully examined a lot of this clover, which sessed, shall be dissatisfied with the amount was closely grazed to the first of March last, awarded by said commissioners, either party upon, in order to prepare ground, without loss and about the first of May a great many of its shall have the right of appeal to the Superior of time, for the commencement of a new ro- branches were four feet long. I have often court of law, and the same proceedings shall admired the luxuriant postures and meadows be had to obtain the right of way and asceron the rich valley of the Ohio, but I think I tain the damages sustained, as are now proviselecting up and down in a square the most never saw a better crop of grass in all my life ded by law, where public roads are laid out

these may be a little more advanced. The Mr. C. Knedecor, Forkland, Ala. The letters overseers over said roads, dividing the same loss of a good season may be the consequence should be post paid, as this is without their into such sections as they see proper, and as-My apology for troubling you with this seer neglecting to open and work outsaid road communication, (if one is needed,) is this: I or roads, shall be liable to indictment and moneys not otherwise appropriated, when the Prom the London Globe, April ( was brought up in agricultural pursuits, in the punished as overseers are now provided by Trustees of said Institute shall give bond and rich and beautiful valley of the Ohio, where law.[?]

Sec. 6. Be it further enacted, That said the fertility of their lands is easily increased

Ratified 29th January, 1851.

culably valuable to planting interests of the To prevent more effectually the corruption of the

Sec. 1. Be it enacted by the general Assembly of the State of North Carolina, and it is hereby enacted by the authority of the same, There is a custom prevailing in some That hereafter it shall not be lawful for any places, which I think cannot be approved of white person to play with any slave or slaves by the best farmers-namely, manuring the at any game of cards, or at any game of hazard corn crop in the hill, with barn-yard manure, or chance whatsoever, whether for money, In behalf of the custom it is urged that a liquor or property or not; and any person so raised in this way, and that the manure can on conviction, shall be fined or imprisoned at the discretion of the court : Provided that be made to cover a greater space. The fact is, it is a forcing system; the idea is the mak- such imprisonment shall not exceed six ing a good crop, not the general improvement

[Ratified 28th January, 1851.]

To repeal an not of the General Assembly of ville, so constructed and repaired, as to pre-1848-'9, chapter 93, entitled an act to amend an act, passed at the last Session of the General Assembly entitled "An Act to provide for the apprehension of runaway slaves in the Great Dismal Swamp and for other purposes." Sec. 1. Be it enacted by the General Asout the fostering care of the horticulturist. - the system in question is, that it militates a sembly of the State of North Carolina, and it admitted that the scuppernong gainst this. Corn is a crop, the roots of is hereby enacted by the authority of the same is the child of the muscading. How it, which run out every where in search of food; That the set of the General Assembly of the was hyaridized to change the color of skin if manure is spread evenly over the surface, Session of 1848-9, Chapter 93, emitted an and improve its aroma, we do not know, but as soon as the roots of corn begin to extend act to amend an act, passed at the last Genesn all its habits it is precisely like the museas, themselves they will be sure to find it, and rai Assembly entitled an act to provide for the dine; and seed planted from it produces the at a time, and in such quantity, as is best suit-blackest kind of muscadines. There is a ed to the growth and development of the Dismal Swamp, be, and the same is hereby grape abounding all over the Southern States, plant-and the ensuing season our eyes will repealed, so far as the same relates to the citi-

n force from and after its ratifica-

[Ratified 28th January, 1851.]

To facilitate the taking of testimony before referees, arbritators or other commissioners. Sec. 1. Be it enacted by the General As embly of the State of North Carolina, and it is hereby enacted by the authority of the same,

AN ACT

That hereafter when an order of reference or order to take testimony, shall be made in any suit pending in either of the Courts of this State, it shall be lawful for either the Clerk of the Court in which such order may be made, or the persons to whom the same may be directed, to issue subpoenas or other legal pro cess to compel the attendence of witnesses and any referee, arbitrator or commissioner the limbs with earth for a few inches, and they is hereby enacted by the authority of the same, to whom any such order may issue, shall have tull power and anthority to administe oaths, and to record the default of witnesses in like manner as is now . allowed by law in

the several Courts of this State. Sec. 2. Be it further enacted. That whenever the default of any witness may be recorded as prescribed in the above section, the shall be certified in writing, to the Court in which the suit may be pending, and recorded by the Clerk of said Court in the proper case, which shall be deemed a sufficient record on which to ground a scirefacias against

party injured thereby.
Sec. 3. Be it further enacted, That all persons summoned as witnesses before any Clerk, Clerk and master in Equity, referee, arbitrator, or other commissioner as herein prescribed, shall be entitled to receive the

AN ACT

Sec. 1. Be it enacted by the General As-sembly of the State of North Carolina, and it (long since the days of Galileo) the fact of is hereby enacted by the authority of the same, the earth's rotation on its axis ! We, at least, That one Commissioner shall have power to have known more than one instance of stubtake depositions hereafter, in all cases what- born incredulity, and, if the truth could be ever; and that all laws and clauses of laws disclosed, we suspect about half of every civrequiring any greater number, be, and the ilized community, to say nothing of the sav-

AN ACT

o authorize the investment of trust funds in the bonds and certificates of the State. Sec. 1. Be it enacted by the General Assemby of the State of North-Carolina, and it is hereby enacted by the authority of the same, That it shall and may be lawful for all guardians, executors and other persons holding moneys in trust for the benefit of others, to invest the same in any bonds or certificates which have been or may hereafter be issued by this State, or which the State may in any manner be held as responsible by endorsement

or otherwise.
Sec. 2. And be it further enacted. That for all such investments thus made on account of of seed; indeed, the quantity of seed is so

Sec. 3. Be it further enacted. That it shall be lawful for great, that it is a striking and very important be the duty of said commissioners to proceed. the said moneys may have been held, by the transfer of any bond or certificate, which they

Batified 28th January, 1851.

RESOLUTION

ry two years thereafter, with a correct list of it starts, the revolution of the earth must cause all the Justices of the Peace in their respec-

Ratified 28th January, 1851.

RESOLUTION To authorize the President and Directors of the

to "Chowan Female Institute." Resolved, That the President and Direct-

sufficient security for safety of said loan, and the payment of the interest semi-annually; A. By taking care not to sow or plant more the fertility of their lands is easily increased an hundred fold, by a judicious system of grasroads, when established, are declared to be when the President and Directors of the Literary Fund ana! have on hand that amount Sec. 7. Be it further enacted. That this of money uninvested, or not required for the

Ratified 15th January, 1851.]

A RESOLUTION

Authorizing a loan of two thousand dellars to

bond and good personal security, and the in-

terest accruing thereon paid semi-annually, provided, the Literary Board may have any oney on hand not already invested, or like-Ratified 8th January, 1851.]

RESOLUTION

Concerning the State Arsenal at Fayetteville. Resolved, That Duncan G. McRae be authorized to have the State Arsenal, at Fayette-

church thereon.

RESOLUTIONS

appoint certain persons commissioners to to make an award in the case of the Literary Board and the Mossrs. Cosby.

WHEREAS a difference has prisen between the Literary Board and the Messrs. Cosby, the contractors for the building of the Deaf and Dumb Asylum, and it being desirable to have the matter settled at an early day and to the satisfaction of the parties interested:

1. Be it therefore Resolved, That Thomas D. Hogg and William F. Collins, together with James E. Allen, of Oxford, and Jacob W. Holt, of Warrenton, be appointed commissioners to settle the matter in dispute, according to the principles of equity and jus-tice; and that their award, or the award of any three of them, shall be final; and that the Literary Board be authorised to execute

2. Resolved further, That Messrs. Alles and Holt be allowed five dollars per day for their attendance on said board, to be paid according to the award of said commissioners.
[Ratified 28th January, 1851.]

RESOLUTION

For the relief of certain purchasers of Cheroke lands, residing in Macon county. Kesolved, That the benefits of an act the present session of the General Assembly to provide relief for certain purchasers of Cherokee lands, shall be extended as well to those purchasers in Macon county who bought in 1836, as those who bought in 1838. [Ratified 28th January, 1851.]

From the Richmond Times THE EARTH'S ROTATION RENDER-ED VISIBLE.

Who is there that has not heard men deny (long since the days of Galileo) the fact of the earth's rotation on its axis! We, at least, have known more than one instance of stubborn incredulity, and, if the truth could be disclosed, we suspect about half of every civilized community, to say nothing of the saverages, believe, in their hears, that there is no reality in what the astronomers say about the matter. Some palpable, easily intelligible demonstration of the fact, is therefore highly desirable, not merely as a contribution to science, but for the purpose of dissipating popular error. The last advices from Europe contain descriptions of a remarkably beautiful and ingenious experiment, which may now be seen in Paris, and may actually be said to make the rotation of the earth visible to asked end of the performance of the subject of same is hereby repealed.

Sec. 2. Be it further enacted. That this act reality in what the astronomers say about shall be in force from and after its ratincation. the matter. Some palpable, easily intelligible demonstration of the fact, is therefore

The Paris correspondent of the National ntelligencer gives a translation of M. Fou-Intelligencer gives a translation of M. Fou-ledge." This is the reason why they have We have recently had fresh accounts of an ealt's exposition of his experiment, which we endowed splendid colleges to which they send indomitable robber-chief, who, with eight calt's exposition of his experiment, which we have not by us as we write. It may aid the reader, however, to state, in addition to the explanations of the London Globe, that the great principle of the pendulum in its simple form of a ball suspended by a wire or thread, supposed to be a mere line without weight, is that Concerning Acts of Assembly.

1. Resolved, That the Secretary of State have all the Acts of Assembly hereafter furnished the several Clerks of the several Counties in this State, well bound in good leather, the point of suspension of such a pendulum for the use of their respective offices.

The same plane, in reference to obsoledge faster than another, all have not the ledge faster than another, all have not the Englishmen, the brothers Wilkins, in a remote spect, without respect to any change of ledge faster than another, all have not the Englishmen, the brothers Wilkins, in a remote spect, contented himself with taking their brace in the suspension. If the earth revolves on its axis once in twenty-four hours, the point of suspension of such a pendulum that time, describe a circles of their respective offices. 2. Resolved, That it shall be the duty of must, of course, in that time, describe a cirhe clerks of the several county courts of this cle. But, if the ball of a pendulum, capable State to furnish the Secretary of State, dur- of vibrating for twenty hours, moves during are but kings of mud. ing the month of November, 1852, and eve. that whole period in the same plane in which the ball to describe at every vibration over a horizontal surface beneath it, a slightly differ- great astronomer, or can speak twenty or thir- a proof, as our journals say, that we live in ent line, until, in six hours, its apparent plane ty languages, and so on; and others that a one of the most civilized of States; and yet of vibration shall have described a quadrant, man must be profoundly acquainted with all we see how the brother-in-law of the Sultan in twelve a semi-circle, and in twenty-four a the sciences. There are very lew who ac- works as a common porter, and a high official complete circle. M. Foucalt verified this rea-Literary Fund to loan three thousand dollars soning, by the extremely simple contrivance described in the following article, and by means of which one may see as direct an el ors of the Literary Fund be authorised to feet of the earth's rotation, as the apparent sign the hands to each section; and any over- loan to the "Chowan Female Institute," the revolution of the sun, but which it is impos- fact is beyond dis-pute, that a man must pur- nal, printed in New York city, contains a com-

> Prom the London Globe, April 5.1 THE ROTATION OF THE EARTH

RENDERED VISIBLE. The experiment now being exhibited in Paris, by which the diurnal rotation of the earth is rendered palpable to the senses, is one of the most remarkable of the modern verifications of theory. Although the demonstration to the minds of all who are capable of raut man and he feels conscious that he has the Trustees of Mount Pleasant Academy, in the country of Cherokee.

Resolved, That the President and Directors of the Literary Board are hereby instructed to the present experiment without any which can be enjoyed by the most wealto loan to the Trustees of Mount Pleasant feelings of profound interest and satisfaction, thy barbarian who cannot say his A B C. Academy, in the county of Cherokee, two and to the great mass, to whom the compil thousand dollars, the same being secured by cated physical phenomena by which the rots At the centre of the dome of the Pantheon a a Worcester paper: fine wire is attached, from which a sphere of "I have met De Quincey in the course ly to be called for, for common school pur- metal, four or five inches in diameter, is sus- my peregrinations over this terraqueous ball,

building. This apparatus is put in vibration eclebrated writer is certainly as expressive as Some of the Philadelphia editors have with after the manner of a pendulum. Under, his lucubrations. Men of genius have been meased the fruits of the discovery, and tesufy in its favor. table, some twenty feet in diameter, the eir- ladies commonly designate manhood; and D cumference of which is divided into degrees, minutes, &c., and the divisions numbered.—

Now, it can be shown by the most elementary principles of mechanics, that, supposing form divine, that one could meet in a crowded with the aid of Mr. Bond, Cambridge astronomy or signate manifold; and record in the rule.

The Moon Dagreer Recorders in the Bond Supposing form divine, that one could meet in a crowded with the aid of Mr. Bond, Cambridge astronomy or signate manifold; and becoming the rule.

The Moon Dagreer Recorders in the Bond Supposing form divine, that one could meet in a crowded with the aid of Mr. Bond, Cambridge astronomy or signate manifold; and becoming the rule.

The Moon Dagreer Recorders in the Rose of the Bond Supposing form divine, that one could meet in a crowded with the aid of Mr. Bond, Cambridge astronomy or signate manifold; and becoming the rule. serve the arms of the State; and that the Governor be authorized to draw on the Treasurer for moneys to defray the expenses of the same, not exceeding six hundred dollars.

[Ratified 28th January, 1851.]

Now, it can be shown by the first shown by the carbon by the carbon because of mechanics, that, supposing the carbon because of the surface of the surface of the same, not exceeding six hundred dollars.

[Ratified 28th January, 1851.]

Now, it can be shown by the first shown by the principles of mechanics, that, supposing to grow define a crowded with the aid of Air. Bond, t and which is imputed to it, and which explains the plane in which its pendulum vibrates will tolerably rough idea of De Quincey's outer seen two daguerrectypes representing the man. But then his brow, that pushes his obthe plane in which this pendulum vibrates will not be effected by this diurnal motion, but will maintain strictly the same direction during land for a Church.

1. Resolved, Phat ten acres of the unsure very the table over which the pendulum is suspended will continually change its position in virtue of the Baptist denomination in the vicinity of Fort Hembree, for the purpose of building a church thereon.

the plane in which this pendulum vibrates will of diurnal motion, but the plane of De Quincey's outer man. But then his brow, that pushes his obstitute has to the back of his head, and his strusive has to the back of his head, and his strusive has to the back of his head, and his strusive has to took out, but to be ever turned inward, sounding the suspended will continually change its position in virtue of the diurnal motion, so as to make to the Baptist denomination in the vicinity of a complete revolution round its centre.

Since, then, the table thus revolves, and then you would be disputed from the purpose of building a church thereon.

Since, then, the table thus revolves, and the mates to, and then you would be disputed from the purpose of building a preciated by appreciated by ap

pendulum which vibrates over it does not re- appointed.

2. Resolved further, That the Secretary of volve, the consequence is that a line travel

true that, correctly speaking, the table does doubt the fact, not turn round its own centre ; but turns round the axis of the earth; nevertheless, the effect Quincey in every respect, save in contemp of the motion relatively to the pendulum sus-pended over the centre of the table, is precise-how he felt 'Ah,' said De Quincey, laying his tained vertical above the centre of the table, Kit's witticism." The plane in which the pendulum vibrates does not, however, partake of this motio and, consequently has the appearance of revolving once in twenty four hours over their the correspondence of the Allgemeine Zeit-ble, while, in reality, it is the table which revolves once in twenty-four hours under it.

KNOWLEDGE IS DEMOCRATIC.

science, as a single science requires a lifetime enough to blow his brains out, of study. Such men as Humboldt and Henry are exceptions that although a few men become eminent in an number of sciences, the sue continually onebranch of science to be, munication from Mr. Hill, relative to his meth come profoundly versed and eminent in it.

the mass of men upwards, but the great cleva-tor and democratic reformer is knowledge. Indeeapes by this process are unequalled; the The well behaved intelligent man is respected flower garden, with all its variety of bloomtion by which the rotation of the earth has who enjoys the simple pleasure of reading, is before the discovery is ready for the public. been established be such as to carry a convict more rich strictly speaking, than the rich igno- Mr. Hill, in order to show that he can procomprehending it, to which nothing can be the means of gratifying a desire—of enjoying says he has produced several portraits, one imagined to at, either force or clearness, nev. an enjoyment (tautological though the expression a laboring man, with a sunbarre force or clearness, nev. Scientific American.

pended so as to hang near the floor of the and I can assure you that the physique of that with, but which he thinks he can overcome

2. Resolved further, That the Secretary of State be authorized to issue a grant for the same, after it shall have been surveyed and its boundaries described, on condition that ten cents per aere be paid to the agent of the State, and his receipt forwarded to the Secretary.

[Ratified 28th January, 1851.]

The Quincey now resides a Lasswade, a romantic rural village, once the residence of Sir Walter Scott, about sevan miles from Editorian relatively to the table, from minute to minu "De Quincey now resides a Lasswade, table, and the two lines formed after the in-terval of one hour would always form an an-gle with each other of 15 deg, being the twengle with each other of 15 deg, being the twenty-fourth part of the circumference. Now this is redered actually visible to the crowds which daily flock to the Pantheon to witness this remarkable experiment. The practised eye of a correct observer, especially if aided by a proper optical instrument, may actually see the motion which the table has, in common with the earth, under the pendulum, between two successive vibrations. It is, in pleasant weather; when the weather is not so, he transfers his heave of some and makers in pleasant weather; when the weather is not so, he transfers his heave of some and makers. fact, apparent that the ball, or rather the point attached to the bottom of the ball, does not return precisely to the same point of the circumference of the table after two successive with the preposterous idea that he bears a liv-Thus is rendered visible the motion which the table has in common with the earth. It is stemach; and it is said that he manifests controlled has in common with the earth. It is

> "Christopher North, the antithesis of De pended over the centre of the table, is precisely the same as it would be if the table moved
> hand on his waist-coat, with a melancholy
> look and shake of the head, 'this animal troubles
> tre, for although the table be turned, in common with the surface of the earth, round the
> earth's axis, the point of suspension of the earth's axis, the point of suspension of the laugh, It was dinner time, and De Quincey did pendulum is turned also in the same time no object to this proposal, but he did not seem round the same axis, being continually main to digest the doubt that was implied in Old

> > Rosses in Tunkey .- The New York Pribune translates the following letter from

A good de l of excitement lins been produced in Smyrna by the operations of a large gang of banditti, who for several years have don paper, which, with a highly discreditable cure knowledge, but the individual cannot obtain the name of the inventor, who is M. Foucalt, a young French Savant who was, recently, very near receiving the high honour of being chosen as the successor of Gay Lussac in the Academy of Sciences. If his reputation rested on nothing beside this experiment, his name would be indelibly written on the roll of fame.

The Paris correspondent of the National in the Paris correspondent of the National in actions are well aware of the "power of knowledge." This is the reason why they have recently had fresh accounts of an event of the place of the support of the power of the "power of knowledge and the Chief of the Police was deposed and arrested. It is generally thought that the labors to acquire knowledge, he cannot fail to find the case known at Constantinople, and the Chief of the Police was deposed and arrested. It is generally thought that the labors to acquire knowledge, he cannot fail to find the case known at Constantinople, and the Chief of the Police was deposed and arrested. It is generally thought that the labors to acquire knowledge, he cannot fail to find the case known at Constantinople, and the Chief of the Police was deposed and arrested. It is generally thought that the labors to acquire knowledge, he cannot fail to find the chief of the Police was deposed and arrested. It is generally thought that the labors to acquire knowledge, he cannot fail to find the chief of the Police was deposed and arrested. It is generally thought that the successor of fail to find the chief of the Police was deposed and arrested. It is generally thought that the successor of fail to find the chief of the Police was deposed and arrested. It is generally thought that the successor of fail to find the chief of the Police was deposed and the Chief of the Police was deposed and arrested. It is generally thought that the successor of fail to find the chief of the Police was deposed and arrested. It is generally thought that the succe

people, the workers-plebians born, but kings bers, committed so many extortions on the of mind, while crowned monarchs beside them peasantry, and was so evidently on terms are but kings of mud.

There is another wrong notion abroad reble quick time. On coming to the Pal-ce of specting "a learned man," Some suppose the outraged Governor, he received a flogging, that a man cannot be learned unless he is a was thrown down stairs, and put into prison; quire a profound knowledge of more than one is treated as a pauper, without having nervo

THE HILL DISCOVERY IN DAGUERSKOTYPES. -The last number of the Daguerrean Jourod of producing a variety of tints or col-We talk of this and that influence, levelling ors in the same a plate. The editor, veloped with truthfulness. A collection of small paints, red, yellow, blue, and combination of the earth has been established are incomprehensible, this experiment is invaluable.

At the centre of the dome of the Pantheon a Wormer's reactions of these, forming seven shades of red, as many of yellow, three of blue, five of green, three tints of purple, making in all twenty-eight hues, were represented on this plate to the very tint, except the chrome yellow, a color which he has the most diffi-