Science.

In a late No. we called attention to Mr which by the way, we are happy to see taking a fresh start, and in somewhat of a new dress .-Halifax C. Times.

"The Institutions of the Acade by at Pictou. as well as that of King's College in Windsor, have been productive of the happiest effects in the neighbouring Province, while they have produced men whose fame and reputation are ing water. Each engine was three hundred not confined within the narrow boundaries of and fifty horse-power; and so economical were their own province, and while such men as the their working qualities, that two and a quarter work, the title of which is prefixed to this ar- pounds of Welsh coal per hour was all the fuel ticle, have been enabled to become the instructors of their countrymen, hundreds of others have derived from the same sources the means of benefiting by those instructions: throughout the whole Province of Nova Scotia there are to be found numbers of well educated men in the engines could be built and do the work for whole house, with the smell of burnt greaseevery class of life, with the exception, perhaps, of the mere labourer, who have derived their knowledge from one or other of these seminaries, or from those of more recent origin. Among those whose names have conferred honor on the place of their education, stands Mr. J W. Dawson. A native of the town of Pictou, he Advocate says -" Nineteen minutes after the be ready to receive the cakes. After each was a pupil of the late Rev. Dr. McCullochone of these literary pioneers, who having spent a life of hardship, toil and privation in the threw two handsome streams of water through again, and you will ever after follow the advice service of learning, was removed just when the value of his services had begun to be appreciated. It was natural that in the midst of coal mines and iron; sandstone, lime and other thrown, for some time, without in the least exmineralgoical productions, the bent of Mr. hausting the supply. A committee of ten re-Dawson's mind should be inclined to the study ported in high terms of praise as to the invaluof Geology and its kindred and congenial sciences. These were pursued with that ardour which is ever the concomitant of genius, and which, when under due regulation never fails to lead to success. Mr. Dawson achieved a reputation in his native Province, and obtained the important and highly responsible post of Superintendant of Education. Of the manner in which he has performed the duties of his office, we shall hereafter have occasion to speak. It would seem that while so engaged his attention was directed to the state of agriculture in Nova Scotia, and by a mind like his-travelling into every part of the Province -it could scarcely be overlooked, and hence the present work.

England, its Leaders, and its Advancement in Art and Science.

England is a young country, not an old country, as some mistakingly assert. The energy in it at this moment is enormous: we are but commencing to move, and have a mighty future in store. Statesmen, as it seems to us are beginning to have glimpses of their real duty, the welfare and advancement of the people committed to their charge. The time is coming when leaders will have to be leaders and the world will not be governed or trammeled by shams. The recognition of the importance of the fine arts and practical science in the late speech from the Throne is a promising sign of the times, and the proposed Industrial and Artistic University will be looked forward to hopingly. The application of art season, Mr. Joseph Wilcox, of this town, havto the manufactures of the country, and the ing occasion to administer lime water to a sick dustrial, is no longer a matter of preference or tion in his barn, which remained there for otherwise, but one vital necessity. If we stand some months, serving as a favourite drink for still, other countries will not, and we shall be his hens. He soon afterwards found that the passed in the race. The mind must be set to laying of his hens was apparently increased to Shetland Islands, from which its name is dework to aid the hand. As the Duke of New- a considerable extent. Being convinced of castle truly said at the late meeting of the Shef- the importance of the (to him) new discovery, field School of Design-" These are days in he has during the present season, kept his which education is no longer one of the lux- hens constantly supplied with lime water, placuries of life: it has become one of its greatest ne- ed in troughs within their convenient access cessities, for all classes and for all grades of so- and the result was an increase in eggs of nearciety. It has become the daily bread of us ly four-fold as compared with previous experiall."-The Builder.

An Immense Job.

To carry out the undertaking, three im-

till the spring of 1848. Late accounts say the give them warm drink. The extra trouble mounted upon one of these ponies, covering job is nearly completed, the greater part of bottom being exposed.

To lower the lake one inch, four million Dawson's "Scientific Contributions towards tons of water had to be lifted. In three years, the improvement of Agriculture in N. Scotia," the lake was lowered seven feet three inches; -and we would again commend the work to in December, last year, it was lowered nine the attentive perusal of Agriculturists, and in- feet and a half, and now it is nearly dry. It is deed of all our readers. We have pleasure in believed that no less than seven hundred miltransferring to our columns, the following no- lion tons of water have been lifted by the entice from Haszard's (P. E. Island) Gazette, gines since they commenced operations. This is equal to a mass of solid rock, a little more than three square miles, and one hundred feet high, that is, allowing fifteen cubic feet for a ton. We can easily see what an immense amount of labor the engines performed, and what power there is in coal, applied in a state of combustion to water, for the purpose of raisused for each horse power of an engine. The one-half the amount of windmills; this has to say nothing of the parade and boasting to been completely fulfilled .- London Times.

Steam Fire Engine.

fire was built the attachments were all made, cake is removed, the salt-rubbing must be reand the apparatus, lifting through two suctions, peated. If the first did not succeed, try it inch nozzles. A vulcanized hose was after- of an old housekeeper. ward attached, and a fine stream of steamwhich is very affective in checking a fire was able character of the engine."

Che Farm.

From the New England Farmer.

THE FARMER.

O, noble is the farmer's lot .-That man of giant frame; His big heart knows no sordid spot-No vices dim his fame

His brow, it wears no bloody bays, Nor springs his fame from Death; But quickening Nature bears his praise Upon her balmy breath.

His hand, it is an honest hand, And brown it is with toil: hen let the farmer take his stand, The sovereign of the soil.

The forests bow to meet their lord-The waving fields rejoice; By countless herds he is adored-The ruler of their choice.

Then let the farmer take his stand, The sovereign of the soil, And every lip in every land Shall bless the farmers toil. mullion ai propose da mon

Lime Water for Hens.

ACCIDENTAL DISCOVERY .- During the last general advancement and elevation of the in- horse, inadvertently left a pail of the prepara-

He is willing to share the benefit of the experiment with his neighbors if they choose to A few years ago, remarks the Albany Knick-try it; and hence his publication. The new-Wayne Sentinelan at trand ou avail o'll

will be more than repaid by the increased him so completely with their large dresses, quantity of milk.

DOMESTIC RECEIPTS.

Wife's Department.

sweet apples that will cook, (such as every farmer ought to have through the summer, fall, winter, and spring,) pare, cut, and stew them; when well done, stir till the pieces are broken; when cool, thin with milk to a proper consistency, and bake with one crust, like a pumpkin pie. Eggs may be prepared and added with the milk if handy, though it will do without. No sweetening is necessary. It may be seasoned with any kind of spice to suit tastethe less the better .- Ohio Cultivator.

BUCKWHEAT CAKES .-- The griddle on which often employed for the same purpose: but it taste to the cakes. Secondly, if a cooking riding in a gig. was ascertained by two English engineers that stove be used it fills the kitchen, if not the one's neighbors by betraying what we are to have for breakfast. Wash the griddle with hot soap suds, scour with dry sand, and when A fine engine, worked by steam, was recent- heated for use, rub it well with a spoonful of y tried in Cincinnati. The Western Christian fine salt and and a coarse cloth; it will then

> I have somewhere met with an old legend, that a robin, hovering about the cross, bore off a thorn from our dear Saviour's crown, and dyed his bosom with the blood; and from that time robins have been the friends of man.

Sweet robin I have heard them say That thou wert there upon the day The Christ was crowned in cruel scorn, And bore away one bleeding thorn: That so the blush upon thy breast In shameful sorrow was impressed; And thence thy genial sympathy With our redeemed humanity

Sweet roboin would that I might be Bathed in my Saviour's blood like thee; Bear in my breast whate'er the loss, The bleeding blazon of the cross: Live ever, with thy loving mind, In fellowship with human kind; And take my pattern still from thee. In gentleness and constancy.

The Shetland Pony.

These curious little animals attract so much attention wherever they appear, especially among youths, that they generally form a part of all the menageries that travel through the country. No wonder that they are great favorites with the girls and boys; for their small, size, beautiful shape, and gentle, playful disposition, seem to fit them exactly to be playcursions and frolics.

rived, and Canada.-Its diminutive size suits the scanty vegetation of these countries, which would not support large animals; but if they were as feeble as they are small, they would be of little service. They, however, possess immense strength in proportion to their size and are so tough and healthy that they can live among the mountains through the long winters, and survive to a great age, even fifty or sixty years.

erbocker, the Dutch who conquered Holland, ness of the discovery (though it may not now be they have to take care of themselves, they run subjects of this disease. - [Woburn Journal. resolved that they would add to the quantity of new to all) is claimed only as applicable to the almost wild upon the mountains, and will climb fertile ground in the kingdom, by pumping out mode of imparting the lime in this case—its up steep places, standing with ease on the very CLOVERING.—Never spare the seed when Harlem Lake; a lake seventy miles long and use in another form for the same pupose havedge of the most frightful precipices. On the you sow clover. Four quarts are not enough twenty broad, which gave it an area equal to ing been previously understood by many. - Sabbath, they are always wanted to carry the to the acre; put on not less than six, and be families to Church, and they must be caught not frightened if you scatter a peck! The no tonza of seeds on Saturday. The regues know how to make great seperiority of thickly sown clover fields mense engines were constructed in the fall of Those who wish their cows to give large this a difficult task. It is a pleasing sight, on over others for feed and manure, is too manie 1847, although the pump did not commence messes of milk in the winter season, should Sunday morning, to see one or two women fest to need demonstration.

that nothing can be seen of the poor pony but his droll, little head.

A middling sized man must ride with his knees raised to the animals shoulders, to prevent his feet from touching the ground. It is APPLE CUSTARD.—To make the cheapest surprising to see with what speed they will and best every day farmer's apple custard, take carry a heavy man over broken and zigzag roads in their native mountains.

A gentleman, some time ago, was presented with one of these handsome little animals, which was no less docile than elegant, and measured only seven hands, or twenty-eight inches in height. He was anxious to convey his present home as speedily as possible, being at a considerable distance, was at a loss how to do most easily.-The friend said, "Can you not carry him in your chaise?" made the experiment and Shelty was lifted into it covered up with the apron, and some bits of bread given him to keep him quiet. He Dutch engineers were nearly unanimous for cakes are baked should never be touched with lay peacefully till he reached his destination, the old-fashioned windmill, which had been so grease: Firstly, because it imparts a rancid thus exhibiting the novel spectacle of a horse

> A gentleman had a white pony, which became extremely attached to a little white dog that lived with him in the stable; and whenever the horse was taken out, the dog always run by his side. One day when the groom took out the pony for exercise, and accompanied as usual, by his canine friend, they met a large dog, which attacked the diminutive cur, upon which the horse reared, and to the astonishment of the bystanders, so effectually fought his friends battle with his fore feet, that the aggressor found it for his interest to scamper off at full speed, and never again ventured to assail the small dog.

> A little girl, the daughter of a gentleman in Warwickshire, (England,) playing on the banks of a canal which runs through his grounds, had the misfortune to fall in, and would in all probability, have been drowned, had not a little pony, which had long been kept in the family, plunged into the stream and brought the child safely ashore, without the slightest injury.

A farmer in Canada had a large number of ponies, and among them a very handsome and playful one, which was a great favorite with a little boy about ten years of age, the only child of the farmer. One day the boy was sent several miles on an errand for some money, with a warning to return home before night as the country was infested with robbers. His visit was so delightful that he forgot the command of his parents, and did not mount his pony to return before it was quite dark. His road lay through a thick forest, and it was not long before a highway man attacked and dragged him from his horse, which ran swiftly homeward. Meantime, his terrified parents sat trembling by their fire-side, awaiting their boy's return. They were just preparing to go in search of him, when they heard the clattering of hoofs and soon after a loud kicking and pawning at the door. On opening it, they saw the pony in a state of great excitement, with his saddle a bridle dangling about him. He ran from them a short distance, then frisked about, and seizing the father's coat in his mates for young people, and the little horses teeth, pulled him along. The agonized parare always ready to join in their pleasure ex- ents followed the animal who ran ahead, constantly turning back and neighing to arge them onward. After travelling many miles through Egypt was the original country of horses: the woods, they came to the place where the but as they are now found in all parts of the boy had been robbed, and found him tied to a world, they differ greatly, each kind of horse tree, stripped of his money, clothes, and half being adapted to the climate and productions dead with fear and cold. He was placed on of the country he inhabits. The Shetland pony the pony's back, who proudly bore him home, is just the animal required in Scotland, the and was ever after treated as a true friend by the boy whose life he had saved.

Hollow Horn.-This troublesome and not unfrequently fatal disease, may be prevented simply by putting a table-spoonful of spirits of turpentine in the cavity or hollow behind the horns, during the severe weather of winter and spring. Liberal feeding and good protection, however, will, as a general thing obviate the necessity of the forgoing application. It is rarely the case, indeed that cows which In Scotland they are called Shetlies, and as are well kept and comfortably lodged become