NEPENTHE.

The north wind follows free and fills Our rounding sail, and overhead Deepens the rainless blue, and red The sunset burns on quarried hills;

And peace is over all, as deep As where, amid the secular gloom Of some far-reaching, rock-built tomb. The nameless generation sleep;

While, undecayed as on the day
That saw them first, the kings of old.
In sculptured calm serene, behold
The slow millenniums pass away.

Still, far behind us. as we cleave Smooth-flowing Nile, the din of life And passionate voices of the strife Are hushed to silence, and we leave

The cares that haunt us, dark regret For wasted years and wild unrest, Yearning for praise or pleasure blest With life's last blessing—to forget.

For still in Egypt's kindly air, Strong antidote of mortal wees. The painless hero, Nepenthe, grows. Which she whom fair-haired Leda bare

Mixed in the wine, and stilled their pain, Who wept in Spartan halls for sire Or brother, wrapped in funeral fire. Or wandering o'er the boundless main. -THE SPECTATOR.

Agricultural.

HOW HOGS ARE GRADED. -The following is the grading of hogs when they are assorted for market:

Pigs are light and thin, averaging 60 to 115 pounds, and are really but light stockers.

Skips are better in quality-fit to kill and weigh 120 to 135 pounds, too thin and light for Yorkers.

Yorkers are fat and smooth, and should weigh 170 to 210 pounds, and to sell well should be uniform.

Mixed packing hogs are irregular in weight and in quality, from rough to smooth, and from 210 to 300 pounds in weight.

Butcher hogs are uniformly fat and smooth, usually selected for these quali- is often too damp for use alone. ties, and run from Yorkers weight, or 200 pounds to 300 pounds, or more.

THE COOKED FOOD QUESTION .- An extensive breeder, after feeding for eight or ten years, goes upon record in ment is given in his case : Two sows of creased. the same litter and the same every way, ground corn, of which she consumed to most stock. three bushels and thirteen quarts, and results which are certainly worth the by the manure where roots can reach it.

candid attention of breeders,

CHECKING GROWTH IN PLANTS .when in full leaf, with the result of greatly weakening the tree instead of benefiting it as desired. Trees cannot thrive without leaves, and this the gardener knows well enough." A geraneum or fuchia continually cut off for cuttings will die. Without leaves no food can be prepared for the plant. It is for this reason good gardeners cut their asparagus beds very sparingly, especially the first few years, until the plants are very strong. It is recorded that where the leaves are all left on a row of corn, the weight of the crop was 261 pounds, while on the stripped row it was only 82 pounds. In other similar distinct and striking in all. This same to test the value of comfort to fattening principle applies to pruning fruit trees stock reports that during one week rein summer, which should be omitted or sparingly performed, except where the trees are sufficiently vigorous to bear some check. By always remembering teen pounds, while the same number, that leaves are essential to a tree, we may preserve the health of such as desired, or destroy obnoxious weeds, as gained forty-one pounds. the case may be. A weed or tree continually stripped of leaves will die.

bone-meal, and if they are pastured a weigh 200 pounds at seven months old, liberal application of ground bone (500 and, except in the last month, they get pounds per acre) will assist to supply the little grain. The best time to sell such aching void.

Anything which increases the comfort usually in October. or an animal is likely to be of permanent benefit to it, and also to the owner. For one crop generally results in loss. In this reason warmth in winter and cool- the first place it exhausts the land unness in hot weather are always import- evenly, removing some elements of ferant, in addition to all the good food tility more rapidly than others, until in needed. The question should always a few years this crop cannot be grown. ed by this industry, which has just passbe, not how little can be fed, but how A second objection is that such cropping ed through an unusually prosperous year much at a profit and, also, how much breeds insect enemies, that compel a in 1882. less food, when the animal can be made | change, as has been the case where too thoroughly comfortable, by proper much wheat growing has bred the weevil shelter and care, aside from food,

horses, when mixed with corn ground on for men too poor to keep a cow and too the cob. The cob mixture acts as a di- proud to own a goat is being gradually

Of TAOTIC Standard and the second of the second standard and the second standard and the second seco

on it better than when fed alone. Rye meal is also excellent to put on cut feed, as when wet it sticks, and horses or beef cattle eat their coarse stuff better on being made into whisky.

Even if scraping a fruit tree does not do it much good directly, the habit of care and observation by the owner will be good for him. Every man should know the condition of his trees, and, in giving attention of this sort, he will find out much that otherwise would be unlearned. But scraping will do good. It dislo iges, and destroys many insects whose business is to destroy the tree or its fruit, and it greatly improves their appearance. The work is rapidly done also, and, when well done, does not need repeating every year.

Itemical. The increased cultivation of small fruit, strawberries, blackberries, rasp-

gratifying in dication of agricultural progress. Excepting currants, all of these are of comparatively recent date in the gardens of farmers, and all are yet too little grown.

At a recent meeting of the Wisconsin Cane Growers' Association Miss Ida Rust provided enough candy from sorghum syrup to give to every member a taste. The candy was pronounced excellent; it was at least free from glucose, and therefore sweeter than most candy sold from the stores.

English millers are alarmed at the increasing proportions of American wheat that is floured before being exported. The practice of English millers has long been to buy our wheat, which is dryer than their own, and mix both together before grinding. English wheat

The high price of eggs is in part due to cold weather, which freezes the water and thus makes drink inaccessible. In ordinary barnyards a thaw will set fowls to laying, and a sudden freeze will stop favor of cooking and expresses the most of them. But if watered morning belief that one-fourth of the grain is and night with warm water or sour sived thereby. The following experi- milk egg production will be greatly in-

George Geddes says that the cheapest were selected. No. 1 weighed 282 and best water trough is a second-hand pounds and No. 2 280 pounds. No. 1 potash kettle, such as can be bought was fed for seventeen days on cooked very cheaply near salt works. They unground corn, and from the consump- last indefinitely, and are of such shape tion of two bushels and twenty-one that water freezing in then can never quarts, gained thirty-one pounds. No. burst the kettle. The slight rust which 2 was fed the same time on raw un- is often found on old kettles is beneficial

Fowls do not like to scratch in their gained thirty pounds. Another instance own manure. Advantage may be taken is given in which shoats were fed on of this fact to keep them from scratch- Feeling mean raw and cooked corn for six weeks, the | ing up seeds sown in the garden. If the result being that while those fed on raw | droppings of the hen roost are scattered | and cooked corn gained ten pounds to over freshly planted beds the fowls will Mutual bliss. the bushel, those fed on cooked corn scratch elsewhere. The rains and culti- Interview gained tifteen pounds to the bushel- vation will soon carry the fertility given

Western corn growers persist in planting corn after corn. The result is that If the principles of plant-life were better they have bred a worm which eats the anderstood, there would be less injury roots and which lives in the ground done to trees than there now is. Much from year to year. As it is not migraof the injury is from thoughtlessness. tory its existence depends on having A tree, for instance, is severely pruned, corn planted on the same field in succession. Good husbandry, which demands rotation of crops, will therefore rid farmers of this pest.

The cold winter has either destroyed or made inaccessible the food which wild animals usually live on during severe weather. The result is that foxes and other wild animals retire from the deep recesses of the forest, and invade farmers' barnyards. Some kinds of animals that have been supposed to be entirely destroyed in the neighborhood have been killed in various places this winter.

Prof. E. M. Shelton's experiment as instances the difference was less, yet the Kansas Agricultural College farm cently the five pigs exposed to the weather made, getting all the corn they would eat, a total increase of only sixoriginally of equal size, kept in warm pens, consumed a little more feed and

The practice of some of the best farmers now is to keep pigs through the HINTS.-When the cows take to eat- summer on green food, cut and carried ing old bones, rotton wood, etc., it is a to the pens, with a little grain, and signs that they are in need of food what milk can be spared after butter with phosphate in it. Feed with some making. Spring pigs are thus made to pigs is at the beginning of cold weather,

Exclusive devotion of the soil to any

and Hessian fly. Rye is an excellent feed for pigs and The sneer at Jersey cows as very good visor, and the juices of the stomach act set aside as farmers learn that th se

small Jerseys will give more milk and much more butter, besides of better quality, than some of the larger breeds of cows. The profit from a cow can that account. When rye is ground and only come from the surplus above the fed in this way, it is a guarantee against | cost of feeding. As a rule with smaller cows more can be kept on the same

veterinarian as follows: Tie the animal down so he cannot kick. Run a sharp-pointed knife through the fetlock, when a white bladder will pop out. Run a needle and thread through this draw it out, and remove the bladder with a knife. The cure is soon effected early, and the ringbone will not return. | cement for fire-proof roofing. But if allowed to harden it cannot be

berries, currants and grapes is the most long, slim roots will be mostly destroyed in digging. Short, stocky trees are better, while the best of all are those trees that have been transplanted the year before and have a set of five roots near enough to the tree to be saved by careful

The passage of the bill reducing the tariff duty on sugar will probably have the effect of making sugar cheaper. But it will scarcely affect the price of mapel syrup and sugar, which are in denot easily be increased and the coun- lence of deaths by fire. try is growing in population and

To Awaken the Risibles.

The father of a St. Louis bride presented his son-in-law with eighty thousand head of cattle. "Papa, dear," exclaimed his daughter, when she heard of it, "that was so kind of you; Charley's awfully fond of oxtail soap.

An English bishop querulously remarked to his servant that he was dying. "Well, my lord," said the good fellow, "you are going to a better place." "John," replied the prelate, with an air of conviction, "there's no place like old England !"

Steer Clear. Moonlight talks, One year, Midnight walks. Skies clear, Rather blue. Front gate, Years three, an't agree County court. Parlor scene, Splendid sport Sorrow. sin. Jury grin, Divorce given, Fetters riven. Worried wife. Lonely life. Husband reams. Papa, too, Nothing loth, Happy both, Wife foams, Love lost.

When you wed Look shead, Marriage bells. Might fall. Double brown. That's all. Settled down. -[Toronto News. "A Loft to Lett," is painted on a board suspended on the floor of a Gold those words properly?" a customer

Moral:

Organ swells,

did no one would turn to read them. That extra 't' catches the eye." Heroic youth of the period : "Full five good tons of coal have I carried in to-day for old Gunnybags, and all he hands me is a dime. Shall I spurn it? chial attacks. I will! No-his lovely daughter-she

than paid." to bed and went and stood behind the

Mrs. Homespun was shocked to hear one of those giddy Brownjohn girls speak of Haydn as the author of the 'Creation." Mrs. Homespun says she doesn't know anything about the Bible 'doesn't say anything about Haydn or any other fiddling German."

This is a boy's composition on girls: 'Girls are the only folks that have their own way every time. Girls is of several thousand kinds, and sometimes one girl can be like several thousand girls if she wants anything. This is all I know about girls, and father says the less I know about them the better off I

Massachusetts fisheries employ 25,117 persons, and at least 100,000 are support-

BAKED CABBAGE. - Boil until tender, drain until cold; chop very fine, add two beaten eggs, salt, pepper, butter, and a half pint of milk. Bake in a buttered dish until brown.

The Field of Science.

The total population of the United States is, in round numbers, 50,000,000, of which 43,476,000 are native born, and 6,680,000 are foreign born. The colored people number 6,632,549. Thus about every seventh person nearly is a Ringbone in horses is cured by an old negro, and every seventh person nearly foreign born.

The black magnetic sand that is found in abundance in the washings of our gold mines is, by a new process, cents per acre. utilized in the manufacture of cast steel direct from the sand. Eight pounds of sand yield five pounds of steel. without harm to the horse, if taken The slag that is left is valuable as

A liking for one-story factories has been developed among the manufact-In selecting fruit and other trees for urers of New England, and they are spring planting, size, or rather height, being built in many cases where the is of less consequence than other con- nature of sites permits. They are said siderations. The tall, spindling trees to be economical, handy, safe and free have been grown too thickly, and their from that vibration which looms impart to tall structures.

According to the Pacific Medical and Surgical Journal, the death rate in San Francisco for the year ending June, 1882, was 21.34. Even this rate, low as it is for a large city, is higher than it has been for ten years. The whole number of deaths is given at 5008, of which 527 were among the Chinamen,

The Lancet condemns the new article of female attire called the "crinolette." mand for their peculiar and pleasant It is an impediment to walking, induces flavor that cannot be imitated. It is an uneven bodily temperature, adds even probable that if other sugars are another to the many burdens borne by cheaper the sweets of the maple will the waist, and bids fair to compete be in better demand, as the supply can- with crinoline in encouraging a preva-

Exposure to light and air will destroy ebonite. Strange to say, merchants and others appear to neglect this fact, and no doubt experience considerable loss. Caoutchoue tubing ought, when not in use, to be kept in a dark place and in water, to which a little ammonia may be added if the rubber begins to show any signs of cracking.

A contemporary maintains that the persistent use of the microscope is the only means whereby the necessity for a change of yeast in brewing can be ascertained, and that the examination must be kept up from day to day. As soon as the cells are seen to become Ingated and lose their round shape there is something wrong.

The Scientific American says that the haulage of our railways now employs over 17,000 locomotives, and the aggregate cost to run them, such as fuel, water, oil, repairs and engineers is about \$90,000,000, or not far frem \$500) a year for each machine. The item of fuel alone is \$33,000,000, but the greater portion of this fuel is practically wasted.

Steel tools sprung in hardening can steel, when not enough to change the color to straw color or purple, is about as pliable as annealed steel when cold. So pieces warped in hardening can, while hot, be straightened with a hammer, or, better, with a screw-press, without danger of breaking.

Stable-keepers are among the healthiest of men, and considered especially street store. "Why don't you spell free from respiratory affections, alasked the proprietor. "Because if we evolved from the manure piles, and it is said in corroboration that little breast spraying of the throat with diluted thinking nothing of the admiration she liquid ammoni, gives sure relief in bron-

Professor Putnam suggests in his re has smiled upon me and I am more port, as Curator of the Peabody Museum of Archæology, that it will not do to months she will be a happy girl herself, The most absent-minded man was not draw too large inferences from the find- for the world likes sunshine and sympathe man who hunted for his pipe when it | ng of stone implements. That our recent | thy and it turns to them as the flowers was between his teeth. Nor the man Indians, he says, "used many exceedwho threw his hat out of the window ingly rude stone implements can not be and tried to hang his cigar on a peg; questioned, and even to-day, among the no! but the man who put his umbrella | Western tribes, stones picked up at random are used for various domestic purposes, and when a camp is changed many such are left, with other things which are of too little value to be taken away. From these facts it is evident that the ruder implements and utilized natural forms are not certain evidence of the Brownjohns have, but her Bible the period of development of the people who made use of them. That we, in camping out, are so often forced to make use of stones, shells, bones, and withes of roots or bark, should be considered in drawing deductions from the rude character of any set of implements."

Some Interesting Facts.

It has been estimated that there are six hundred thousand miles of barbed vire fences in use,

Ninety-three thousand acres of land last year.

cal practitioners.

whites and Indians are employed.

packages carried last year by the 128 yeas to 81 nays.

Post Office Department, 726 were

A man breathes about eighteen times a minute and uses 3000 cubic feet, or about 375 hogsheads of air per hour.

Three thousand depositors in Connecticut savings banks have not made inquiries about their money for twenty years past.

The ground upon which Cincinnati stands was purchased by S. C. Symmes about ninety years ago for sixty-seven

The city of Newark, N. J., contains 1299 factories, with 29,232 workmen. The capital invested is \$23,919,115, and the sales foot up \$66,234,525.

Nearly \$14,000,000 worth of cattle are now grazing in what six years ago was Indian country in Texas.

The gold annually taken from the six million dollars. The first discovery beginning of this century. The average cost of an expedition in search of gold is estimated at \$3000.

There were on the farms in the United States on June 1, 1882, 10,357,987 horses, 1,812,932 mules, 993,970 oxen, 12,443,593 milk cows, 22,488,590 other cattle, 35,191,156 sheep, and 47,683,951

The Minneago'is Tribune says that goats are the best land cleaners known. It says that a herd of 1000 entirely cleared 500 acres of brush land in three years. Not a vestige of undergrowth was left.

Sea urchins are so tenacious of life that on opening one it is not uncommon to see the pieces of the broken shell move off in different directions.

The aggregate value of the preperty of colored people throughout Tennessee is set down at \$6,478,951, being an increase of \$671,179 over the preceding

Farmers in the United States have \$12,210,253,362 of capital invested in their business. This sum includes farms, implements, live stock fertilizers, and fences.

The Secret of Good Manners.

The secret of good manners is to forget one's self altogether. The people of really fine breeding are the ones who never think of themselves, but only of the pleasure they can give to others. No adornment of beauty, or learning, or accomplishments, can go so far in its power to attract, as the one gift of syn: pathy.

In all French history no woman had a stronger fascination for whoever came within her reach than Madame Re camier. She was called beautiful; but her portraits prove that she was not to be person had long passed away, and she blend into one. - St. Gregory Nazianzen. be straightened in tempering. Hardened the hearts of others was as power- series of articles on probation after

mortal charm. Let any girl try Madame Recarrier's Let us have none of it!" Wise words, amulets of carbonate of ammonia, or experiment. Let her go into society fitly spoken. may win, but everything of the happiness she can confer. It matters little whether her face is beautiful or her toilette costly. Before the end of three bask in the sun of June.

Flowers in Potatoes.

A gentleman from Utica in Louisville, who wished to send some beautiful buds to his wife, was at a loss how to do so. A ficrist friend said he would like the lions in Bunyan's pilgrim. It fix them. He cut a potato into two pieces and bored holes in them into which he inserted the stems of the buds, moderately cool temperature. Flowers | the battle of life, - Good Work. from bouquets or baskets may be preserved in the same way. The potatoes an be hidden by leaves or mosses.

In the Senate of Connecticut, a bill was passed, allowing railroads incorpo-

An Artistic Duel.

There has been no small stir in the musical circles of Germany over the quarrel between the Berlin violinist, Waldemar Mayer, and Ludwig Hartmann, the musical critic. Early in the present year the Berlin artist gave a concert in the Gewandhaus at Leipzig. and was afterward invited to meet a literary and musical company, where the talk turned upon the criticisms of music in the journals. "I know for a fact," observed Herr Mayer, "that all these musical critics are to be bought." A student at the University stood up in great wrath and said that he could name one against whom Herr Mayer dared not make such a charge. "Who is he ?" asked the musician. "Ludwig Hartmann, of Dresden," replied the student. "Well," retorted the other, Siberian mines is estimated to be worth | "if he will not take a bribe into his own hands he will receive one indirectly of the metal in that country was at the through his wife. If I wanted Hartmann to praise me in the press I should forward the honorarium for the favorable criticism of Frau Hartmann." On the next day Mayer gave a concert at Dresden, and received an invitation to visit Hartmann after the concert. To his astonishment, rather than his pleasure, he was no sooner ushered into Frau Hartmann's saloon than he saw the young student from Leipzig, as well as his hostess, confronting him. The lady asked him if he would be good enough to repeat to her what he had said in society at Leipzig. As he hesitated to do this, Frau Hartmann struck him across the face with a riding whip and he received a second blow on the back of his head as he was hurrying out of the room. He went straight to his hotel and wrote a challenge to Ludwig Hartmann, which the critic naturally enough refused to accept. Mayer had already fired his shot at Hartmann, behind his back, in Leipzig, and Hartmann conceived that his wife had saved him the trouble of firing any shot in return. The duel was commanded by the musician himself, who had got the worst of it, but the critic did not see that this was any reason for fighting a second battle.

Religious Sentiment.

Life is too short to nurse one's misery. Hurry them across the low land, that you may linger longer on the mountain tops.

A life is beautiful only as it is useful. There is no beauty in the life that is lived for self alone, and hhs no thought for others.

When I endeavor to contemplate the compared to many less charming women. one eternal glory, it resolves into three; And even when every attraction of when I would gaze upon the three, they

was an old, old woman, her sway over The Christian at Work, in closing a ful as ever. What was her secret? | death, says: "It is not necessary to It was this one thin solely-her gen- reiterate the views of this journal upon uine and unaffected interest in the good this matter. We dare not, we can not and ill fortunes of her friends. Authors hold out even the possibility of that came to her and read her their books; second chance, lest it should prove depainters came to her with their pictures; | lusive and vain. Not only so, we bestatesmen with their projects. She was lieve it a caricature upon the justice sweet, simply and unconsciously, as a and goodness of God, that man should rose is sweet. She really cared for the undertake to supply what His word happiness and success of others, and does not reveal. Man's second chance though much exposed to cold and damp, they felt the genuineness of her sym- is now-and he who neglects the present Some attribute this to the ammonia pathy. It surrounded her with an im- for the delusion of a post-mortem opportunity does so at the peril of his soul.

> THE BATTLE .- Life is often spoken of as a battle. From birth to death it is one prolonged struggle for existence. We are in the main conscious of this most fully when disease attacks us and suffering ensues. Most of the physical ills of life are due to our thoughtlessness. We do not sufficiently appreciate the strength of the enemy. We somehow seem to think that we shall escape the penalties of wrong-doing. So, too, of the business ventures we undertake. We cannot ignore the difficulties, but we are prone to think them chained is not right that we should overrate possible difficulties in the way of success. To do this would perhaps paraand placed them in a box with cotton lyze all efforts. Nor should we underto support them. A letter from the re- rate them. To do this is to insure decipient acknowledged the remembrance, feat sooner or later. Rather measureand said that the buds had developed the full strength of the enemy. Measinto full-blown flowers. There is suffi- ure, too, your own strength, then in the cient moisture in a good sized potato to name and strength of the Lord, go support a flower for two weeks in a bravely forward, and win every time in

Honeymo oning at the Hub.

They were a Boston couple who had rated under the general railroad law of been married but a few weeks, and had were planted with timber in Kansas that State, to consolidate stock, fran- just gone to housekeeping. As the chises and property with the stock, etc., husband stood at the area door one Great Britain has thirteen thousand of railroads outside of the State, morning with the market basket in his registered chemists and druggists, and when such lines form a continuous hand, his bride threw her arms around twenty-three thousand registered medi- line from some point in that his neck and said : "Do you indeed love State to some point in an adjoining me so very, very much, Bradford ?" On the Western end of the Canadian State. - In the House the proposed "Bunker Hill monument may fall," he Pacific road 8000 Chinamen and 3000 Prohibitory amendment to the State answered with enthusiasm, "but my Constitution was lost for want of two- love will always stand," "Well, then," Out of 9,627,992 registered letters and thirds in the affirmative, the vote being she exclaimed, kissing him, "don't forget the beans,"