FLOUR is peculiarly sensitive to the atmospheric influences, hence, it should never be stored in a room with sour liquids, nor any article that taints the air of the room in which it is stored, Any smell perceptible to the sense will be absorbed by the flour. Keep in a cool, dry, ziry room, and not exposed to a freezing temperature nor to intense summer or to artificial heat for any length of time above seventy five degrees Faurenheit. It should not come in contract with grain or other substance which are liable to heat. Flour should be sifted and the particles thoroughly disintegrated and then warmed before baking. This treament improve the color and baking properties of the dough. The sponge should be prepared for the oven as soon the yeast has performed its mission, otherwise fermenation sets in and acidity.

THE best use to make of coal ashes is to put them into your walks in gardens and about the premises, in the carriage drive, and as a mixer with heavy soils. They will keep down instead of promoting the growth of weeds and grass, and always efford dry avenues. In five miuutes after a rain, during eight months of the year, they contain no moisture and are never soft; in a word, are the best substance for this purpose we know of. Hence it is quite the use to which they can be applied, and it is really an important use. Clean, dry walks about the premises cannot be too highly esti-

Bulls need exercise in order to attain their best development. They are commonly kept mactive and without training, and so become vicious and dangerous, as well as losing in part the power to get strong and vigorous calves. A bull that is worked in the yoke, or is trained in some other way, is seldem ngly or dangerous, and is likely to beget calves of greater vitality than when made sluggish by confinement. Valuable thorough-bred bulls sometimes receive necessary training and exercise, but lower grades seldom have any attention of the kind, though they need it in an equal degree.

For several years after a writer began raising wheat, he could not get the yield higher than twenty-three bushels per acre, although the land was rich enough to raise large crops of grass, any manure, his wheat yield jumped up | knots, and bake in a quick oven.

In many instances too much ."fussiness" or attention to setters is the only reason eggs hatch badly. Frequently, however, quite a large percentage of the eggs are unfertile from various rea-After the hen has been sitting on eggs for five days, the eggs should be examined at might by a lump or lantern, and all that are yet clear should be removed, as they would not batch, and therefore are only in the way in the

HARNESS should never be kept in the stable where manure is constantly generating large quantities of ammonta-This ammonia is rapidly absorbed by the leather, and the effect upon the leather is the same as would result from satu rating it with strong lye. In a word ammonia rots leather, and hence keeping harness in the stable is sure to result in its damage more or less.

Many farmers injure their farm implements more by exposure to the weather than by use on the farm. An implement which with good care would last twenty, will, when exposed to the weather, become useless in five years or even less. A farm cart which, with good usage would last almost a lifetime will last only a few years when exposed

WITH the exception of the Bramah and other Asiatic breeds, it must not be expected that chickens half to twothirds grown will become fat under any system of feeding. We oftener hear of fat chickens than we see them, as they have a tendency to turn all they digest into frame and feathers. However, a chicken well fed is more paintable than an ill-fed one.

MOULDY stalks are often the cause of sickness among cattle, which is charged to "horn-sil," or some other imaginary or obscure disease. Throw out all smutty stalks and burn them. They are not wholesome food, and the scattered smut will be very apt to infest the crops an-

A BLACK walnut grove that was plant years ago on some waste land recently sold for \$17,000. The trees are now from sixteen to twenty inches through make as large returns from what is com- Put into a freezer and freeze. menty known as waste lands?

THERE is considerable advantage reathe business of breeding and feeding. and the risks of accidents, diseases and wet cloth. all other things are much lessened.

Most domestic animals will eat sorgte voided whole if fed to either horses half pint water.

An lowa correspondent makes his gravary distasteful to rats by "daubing of the sick room has been presented to bailding with bot pice far for the width of three or four inches, or also any seam or crack where a rut or riouse can stand

A ressible clew to the sudden fatality produced by chicroform in some cases, even when administered by the most cautious experts, is formshed by the bois, of Paris, who finds that this agent acts with extraordinary rapidity on cruminals after the introduction of alcohol into the system, and terminates in the form business, there are still lots for the first business, there are still lots of cranks turning up.

in controlling the odors and efflavia of there. Reckoning the wives and children of the workmen, it is estimated that cause the copper to disappear. This danger, it is said, has been overcome by the works.

In controlling the odors and efflavia of there. Reckoning the wives and children of the workmen, it is estimated that cause the copper to disappear. This danger, it is said, has been overcome by the worms develop in muddy water, which in dwellings attached to the works. just published experiments of M. Du-

CHICKEN MAYORAISE. -Take as many chickens as are wanted for the bulk of your salad; boil them out and remove all the flesh, being eareful to reject all bones and skin. Cut into sizeable cubes and put them into a deep dish; season with salt, pepper, oil and vinegar, and let there remain some hours in the pickle. Pat into a saind bowl about three times as much lettuce as you bave chicken, which latter put into the centre of the lettuce, covering it with Mayonnaise dressing, garnished olives, capers and beets, etc., cut in

symmetrical shapes. CARAMEL CARE.-Take of sugar ful sweet milk; I tablespoonful butter; I tablespoonful flour; I tablespoorful sire to speak to him. With a sad face and cold water. Mix and boil five minutes, when add | cupful grated chocolate. Boil till it thickens and add a pinch of sods, stir well and remove from the When cold flavor with vanitla, fire. spread between layers and on top, Dry in a sunny window.

ORANGE OR LEMON WATER-ICE, -Take four oranges or lemons, or a mixture of both, and grate off the peel of two, and better." turn three pints of boiling water over them. Squeeze the juices out thoroughly into the water while hot, weeten much more than for orangeade, b cause the sugar freezes out of all kinds of ices. Set upon the ice to cool, and, when ready to freeze it, beat up the whites of three eggs to a suff froth, and add to the mixture after it is put

BASHAWED LOBSTER -Take a lobster from the shell and cut it fine; chop a small onion very fine, and add a sprig of parsley to it. Season it with pepper, salt and a little mustard. Put in all the coral and the juice of the lobster. Cut up a small piece of butter into bits and mix with it, and fill the ture. Cover the top with bread-crumbs or pounded cracker and bits of butter. Bake in the oven for fifteen minutes, and serve on a platter in the shell, garnished with parsley and slices of hard-

apples; sweeten to taste, then beat of vision; a ringing in the ears; a feverish whites of two eggs to a strong froth, at once. The stomach and head are vor to taste with vanilia, lemon, nutmeg or anything else preferred. Partiy fill a glass bowl with rich boiled custard, and put the float on the top. The woman or child whose stomach is deranged float and custard should both be very

HOMINY CROQUETERS: To a cupful of cold boiled hominy add a tablespoon- perative necessity of care in keeping the ful of melted butter; stir well, then add gradually a cupful of milk, stirring and mashing the hominy until it becomes a soft, smooth paste. Then add a teaspoonful of white sugar and a well-beaten egg. Roll into oval balis with floured hands, roll in beaten eggs, then in bread-crumbs and fry in boiling

of flour, two of sugar, one of butter, a cance The Best, excels all ancient or recoru, and potatoes. The wheat was piece of lard the size of an egg, two cent discoveries. It is absolutely pure top-dressed with rotten manure, but eggs, three tablespoonfuls of sweet still the yield was no greater. Then milk, half a teaspoonful of soda; rub adults, while it cannot by any possibility a husband?" "My child!" exclaimed the two-horse sulky cultivators came the butter, sugar and flour together around. He bought one, and used it fine, add the other ingredients, roll used in the days of the famous Harrison hear such words from you again!" Well, freely in connection with the harrow thin, cut in strips one inch wide and family is proof positive of its merit as it then, may I have a piece of bread and and roller, and the next year, without five inches long, lap across in true-love has so thoroughly withstood the test of butter and go out to play in the back

> A SELF HOLDER for a spoon, when the simplest manner possible, thrusting the handle between the leaves of a |self. shut book lying on the table. If not high enough one book may be piled upon another. Both hands may then be used in dropping from a bottle, or for making any desired mixture.

BANANA AND APPLE TART .- Make make little crust, but make it good; slice apples tine, and put in dish with three or four bananas sliced, only adding sugar and perhaps a little syrup, if you have got it. Cover crust over fruit; brush a little melted butter over top; strew white sugar on, and bake twenty minutes or more, as required.

To CLEAN MARBLE. - First brush the apply with a brush a good coat of gum arabic; expose it to the sun to dry. In a short time it will crack and peel off, If all the gum should not peel off wash it with clean water and a cloth. If the first application does not have the desired effect, it should be applied again,

place the pudding in the center of the molded blans mange or fruit puddings.

molasses, one cup of sugar, half a cup of butter and lard mixed, one cup of sour milk, two oggs, three cups of flour, two teaspoons even full of soda, one teaspoonful of einnamon, one and a half tenspoonfuls of ginger,

ed by a Wasconsin farmer about twenty cream, half a pint strong coffee, four-show that they are chiefly confined to years ago on some waste land recently teen ounces white pulve-ized sugar, that part of the country situated north is there any other way that farmers can thicken and strain through a hair sieve, per cent, of all the strokes occurred

wash it clean, wrap in a wet cloth and beside after getting a good growth, as if set on ice. Milk, if put into an of electrical disturbance, from the fire

POCKET LEMONADE POWDERS - White sugar, one pound; tartaric of citric bum seed, but its full putritive value; acid, one ounce; essence of lemon, half can only be secured by grinding of an ounce. Mix with postle and mortar boiling. The oil the seed contains thoroughly, and dry; do up in tablemakes it less digestible, and much will spoonful packages; when thirsty add

> A most extraordinary disinfecting compound for purifying the atmosphere the Berlin Medical Society. Oils of rosemary, lavendar, and thyme in the proportions of 10, 21, and 21 parts, respectively, with water and nutric acid in the proportion of 30 to 14. The bottle should be shaken before using and sponge saturated in the compound and left to diffuse by evaporation. Simple as it is, the vapor of this compound is said to possess extraordinary properties

A TOUCHING INCIDENT.

A Young Girl's Dementia—How it was Oc-casioned—Some New and Start-ling Truths.

The St. Louis express, on the New York central road, was crowded one evening recently, when at one of the way stations, o elderly gentleman, accompanied by a young lady, entered the cars and finally secured a seat. As the conductor approached the pair, the young lady arose, and in a pleading voice said:

"Please, sir, don't let him carry me to the asylum. I am not crazy; I am a little tired, but not mad. Oh! no indeed. with bits of letuce, hard-boiled eggs, Wen't you please have papa take me back

> The conductor, accustomed though he was to all phases of humanity, looked with astonishment at the pair as did the other old gentleman and could not forego the detrembling voice the father said:

"My daughter has been attending the seminary in a distant town and was succeeding remarkably. Her natural qualires, together with a great ambition, placed her in the front ranks of the school, but she studied too closely, was not careful of her health, and her poor brain has been turned. I am taking her to a private asylum where we hope she will soon be

At the next station the old man and his daughter left the cars, but the incident, so suggestive of Shakspeare's Ophelia, awakened strange thoughts in the mind of the writer. It is an absolute fact that while the population of America increased thirty per cent. during the decade between 1870 and 1880 the insanity increase was one numbered and thirty five per cent for the into the freezer. The dasher will beat same period. Travelers by rail, by boat, t into the water, and it will freeze like or in carriages in any part of the land see large and elaborate buildings and inquire what they are?

Insane asylums! Who builds them? Each state; every county; hundreds of private individuals, and in all cases then spacity is taxed to the utmost.

Whyl Because men, in business and professions. women, at home or in society, and children shell part of the lobster with the mix- at school overtax their mental and nervous forces by work, worry and care. This brings about nervous disorders, indigestion and eventually manus.

It is not always trouble with the head that causes insanity. It far oftener arises boiled eggs. This is a delicious relish from evils in other parts of the body. The for tea, or it will make a nice side-dish. nervous system determnes the status of the brain. Any one who has periodic APPLE FLOAT.-Bott and mash six headsches; occasional dizziness; a dimness with a silver fork or an egg-beater head; frequent nauses or a sinking at the until very light and smooth. Beat the pit of the stomach, should take warning and gradually beat in the apples. Fla-direct sympathy and if one be impaired the other can never be in order. Acute dyspepsia osuses more mane suicides than any other known agency and the man, is not and cannot be safe from the coming on at any moment of manis in some on of its many terrible forms. The value of moderation and the im

stomach right must therefore be clear to all. The least appearance of indigestion, or mal-assimilation of food should be watched as carefully as the first approach of an invading army. Many means have been advocated for meeting such attacks, but all have heretofore been more or less defective. There can be little doubt, however, that for the purpose of regulating the stomsch, toning it up to proper action, Love Knors,-Little cakes called keeping the nerves in a normal condition love knots, are nice for tea; Five cups and purifying the blood, Warner's Tippetime. As a tonic and revivifier it is sim- yard?" ply wonderful. It has relieved the agony the stomach in thousands of cases; for dropping medicine may be made in ful sleep and averted the coming on of a mania more to be dreaded than death it-

Professor W. A. Rogers produces a perfect screw by the following process: An ordinary well-constructed lathe is used and cuts of various depths are taken on a preliminary screw for the purpose of tabulating the errors of the leading erust of fine flour and fresh butter; of tabulating the as compared with a standard measuring bar, This being done, a micrometer screw is used to vary the relation between the leading screw and the cutting tool. The screw is kept moving automatically, or by the hand, so as to always correspond with the tabulated values, which result in producing a screw nearly free from the errors of the leading screw. This screw is then ground with a nut cut in the dust off the place to be cleaned, then same way; and, if not sufficiently perfect, it is then put in the place of the leading screw, and another screw cut from it by the same method, whereby any remaining errors are eliminated.

The number of retired soldiers friendly societies (Krieger-Vereine), the Fig Care.—One cupful butter; 2 formation of which is encouraged in cupfuls sugar; 3| cupfuls flour; | cup- every possible way by the Government, ful sweet milk; 7 eggs; 2 teaspoonfuls is increasing very rapidly in Germany, baking powder. Filling-To I lb. figs | the most important being the Kriegerchopped fine, add one teaspoonful bund, which embraces 1695 separate water; † cupful of sugar, Cook till societies, with 130,350 members. Next smooth. Cool, and spread between come the Federation of Bavarian Veterans and the Union of Saxony Military Associations, with 80,000 members each; WHIPPED CREAM SAUCE: Whip a pint the Federation of Wurtemburg Veterof thick, sweet cream; add the beaten ans, with 30,000; the Union of Westphalian Associations, with 25 000, the Union of Baden Military Associations, dish and surround with sauce; or pile with 15,000; and the Union of Brunswick up in the center and surround with Landwehrmen, with 6000. Efforts have been made to centralize all the associa-SOFT GINGER BREAD -One cup of tions of the empire under one supreme military head, but they have hitherto proved unavailing, as the principal societies prefer to retain their autonomy

Charts of the geographical distribution of the lightning strokes for 1882 and 1883, prepared from our fire rec-COFFEE ICE CREAM, -One quart best ords, says the Insurance Chronicle, yolks of eight eggs. Mix in a porce- of the Ohio River, and east of the Mislain-lined basin, place on the fire to souri river. In both years eighty-five within this area. In the Southern States lightning seems to be comparatively rare, and seldom occurs outside of three for a long time if well wrapped in a in the New England and northwestern States. Sixty-five per cent. of the strokes happen in the summer; the remaining thirty-five per cent, are divided between spring and autumn in about equal proportions.

> At Herr Krupp's works at Essen there ave nearly 37 miles of railway lines, 28 locomotives, 883 wagons, 40 miles of telegraph wire, 35 stations and 55 Morse mstruments. The number of furnaces of all sorts is 1453. There are 439 boilof all sorts is 1403. There are 439 boil-ars, 82 steam hammers and 450 steam ter has just been proposed. It is differ-ent from the one now receiving Parliaengines, representing a total of 185,000 horse-power. Herr Krupp has three coal mines in the neighborhood of Essen, 550 iron mines throughout Germany, and other iron mines in Spain. The experimenting grounds at Weppen cover seventeen kilometres. In 1860

HUMOROUS.

"I'm afraid I was chested on these lightning rods, "What's the matter with them?" "I hadn't had 'em up "What's the matter mor'n a month when a fearful stroke of lightning knocked 'em all ways for Sunday, burned my barn and everything in it." "But didn't the ager give you a guarantee?" wrote to him and he wrote back very consolingly." "What did he say?" That lightning never strikes twice in the same place."

Company Shops. Mr. M. M. Shoffner, Postmaster and Justice of the Peace, Company Shops, Alamance Co., N. U., writes, he has used St. Jacob's Oil for rheumatism. cuts, swellesi ankles and knees, pains in the back and sore :hroat. One or two applications in each case have always cured, and he believes the Great German Remedy is the best in the

world. "As long as I can get it," he adds, "I never intend to be without it," THEY were strolling in the green fields, and he was telling her of his love. Just as he was on the point of asking her to marry him a cow, which was concealed by a bush a few feet away, mooed long and loud. Did the girl faint away, or run away or scream? No. She gave one little imperceptible start and simply remarked: "Go away, cow. As you were saying, George-

The office held by the Kidneys is one of importance. They act as nature's sinice way to carry off the extra liquids from the system and with them the impurities both those that are taken into the stomach and those that are formed in the blood. Any clogging or inaction of these organs is therefore efficient assistant in keeping the kidneys in good working order, strengthening them and inducing healthy action. If you would get well and keep well, take Kidney-Wort,

"I CAN'T get up early," said the poor victim to his doctor. "On, yes, you can," was the reply. "If you will only follow my advice. What is your hour of rising?" "Nine o'clock." "Well, get up half an hour later every day, and in the course of a month you will find yourself up at four in the morning."

A Remedy for Lung Diseases, Dr. Robert Newton, late president of the Eclectic college, of the city of New York, and formerly of Cincinnati, Ohio, used Dr Wm. Hall's Balsam very extensively in his practice, as many of his patients, now living and restored to health by the use of this raluable medicine, can amply testify. He always said that so good a remedy ought ot to be considered merely as a patent edicine, but that it ought to be prescribed seely by every physician as a sovereign medy in all cases of lung diseases. It ares consumption, and all pectoral com-

PROFESSOR to classical student: "If Atlas supported the world, who supported Atlas?" Student: "The question, sir, has often been asked, but never, so far as I am aware, satisfactorily I have always been of the opinion that Atlas must have married a rich wife and got his support from her father."

Quick, complete cure, all Kidney, Bladder and

A LITTLE girl who ran home from school, all out of breath said: "Oh,

The solvent properties of crude oil temporarily filled with any liquid, or soothed the tired nerves; produced peace- are so well established that it is unnecessary to quote examples. Car-boline is made from crude, oil devoid of smell and is guaranteed to remove scurf and dandruff,

LITTLE Miss Innocent seated at dinner, to pompous old cove: "Mr. S., won't you drink?" "Yes, my dear, certainly. But why?" Miss I.—"Because mamma says you drink like a fish, and want to see how fishes drink,"

Farmers-Try It.

Wells, Richardson & Co's Improved Butter Color will be found to be the only oil color that will not become rancid Test it and you will prove it. It will not color the butter-milk; it given the brightest color of any made, and the strongest and therefore the cheapest.

An esthetic incident: "Look atsaid Joughnes to Smith, pointing to a man striding up and down a piazza at a watering-place with corrugated brow: "he thinks he is thinking."

DECORATIVE ART. Explicit direcions for every use are given with the Diamond Dyes. For dyeing Mosses. Grasses, Eggs, Ivory, Hair, &c., 10c. Druggists keep them. Wells, Richard son & Co., Burington, Vt.

KNOCKED down by a conundrum: "It is poor taste to laugh at your own jokes," said Fenderson; "something I never do, though I do say it." "Does anybody e'se ever laugh at them?" ask-

Heart Paine. Palpitation, Dropsical Swellings, Dizziness nigestion, Headache, Sieepiessuess cured by Wells' Health Renewer."

"I see that in the preface to your book you state that it is written to fill a long-felt want. What do you mean by that?" "What do I mean by that? Why I've been needing a square meal for the past eighteen months. Don't you call that a long-felt want?"

Dr. Kline's Great Nerve Restorer is the marvet of the age for all nerve diseases. All fits stopped free. Send to wil Arch Street, I hunderphia, Pa.

"Jenson has been arrested for stealing," said a gentleman, meeting an acquaintance; "saw him just now going around with a Constable, trying to get bail." "Well, I shall go on his bond.
"You don't mean it." "Yes, I do. "Yes, I do. 'He must have dove you a great favor.' "No; I did him a favor several years it requires less capital in conducting earthen can, or in a tin one, will keep underwriters' standpoint, and these are ago, and since then have had an interest in him. Had he done me a favor it would now stand me in hand to keep out of his way."

> A young lady in South Carolina be gan singing, and kept it up until her two canaries sank exhausted in their efforts to outsing her. Now we under stand the meaning of the old saw about killing two birds with one stone. A new scheme for the construction of

> a ship canal from Liverpool to Manchesmentary attention. It contemplates making the canal entirely through the land, in no place touching the Mersey along its route, or in any way interfering with the flow of the river,

The Bartholdi statue is composed of the number of men engaged in the E-sen foundry was 1764; ten days later it was coating of copper. There was danger that electric currents would be established worms. The same malady has been that electric currents would be established.

A PROMINENT citizen of Mexico reurned from a trip into South America

Another Lite Saved.

to try a "new departure." He got some of Dr. Pierce's "Goiden Medical Discovery

said the customer, turning to go,

A California editor, who has evi-

extent of the term, is moved to re-

which age nor infirmity has power to

"Frailty, thy Name Is Woman."

in women, or female weaknesses or de

Be careful about what you say to

hair. The result was a shaved head

When you visit or leave New York City, save Baggage Expressage and Carriage Hire, and stop at the Grand Union Hotel, opposite Grand Cen-

at the Grand Union Hotel, opposite train central Depot.

Elegant rooms, fitted up at a cost of one million dollars, reduced to \$1 and upwards per day. European Plan. Elevator. Restaurant supplied with the best. Horse cars, stages and elevated radiroad to all depots. Families can live better for less immer at the Grand Union Hotel than at any other first-class hotel in the city.

Double-barrel metaphor: Lawyer to

witness-"You've brass enough in your

Witness to lawyer-"And you've sap

In a bad way: "Are you dead, Tim?"

sald an Irish father to his son, who had

fallen down a well. "Not dead, father,

but spacheless," came up from the

"Rough ou Rats."

a perfect raving angel in his uniform!

Hay-Fever. I gave Ely's Cream Balm

Sapt. of Cordage Co., Elizabeth, N. J.

HAY FEVER. I have used Ely's Cream

Balm for Hay-Pever, and have experi-

enced great relief. I recommend it as

the best of all the remedies I have

tried.—T. B. JENES, Lawyer, Grand Rapids, Mich. Price 50 cents.

Toorsy, on making the horrible dis-

covery that her kitten had whiskers.

"Ma. I don't want dis tat! Dis is a man

Piso's Remedy for Catarrh is a certain

An Atlanta woman who had written

letter to her husband in Memphis tore

off a hunk from one corner when she

found it was a little too heavy for one

An odd nick-name: A South End

man calls his wife Crystal because she

"Rough on Corns."

Ask for Wells "Rough on Corns." 15c. Com-plete cure. Hard or soft corns, warts, bunions.

Professor Vulpian brought before

the notice of the French Academy of

modes of treating cholera, submitted by

various aspiring therapeutists. The

motive which induced those gentlemen

to trouble the Academy with their com-

humanity; they were one and all candi-

dates for the Breant prize, A merchant

lived all his life in continual fear of dy-ing of cholera, and who naturally died

of some commoner disorder which never

should discover an infaltible remedy for

cholera. This prize is still awaiting a

claimant. It will not fall to the lot of

any of the present competitors, as Pro-

fessor Vulpian condemned all their sys-

tems and recipes. Warm water, castor oil and petroleum were some of the spe-

A cement which resists damp and

work consists of a paste of rye meal and

a little solution of glue and water, to

which as much Venetian turpentine is added as may be required. Ordinary

flour paste, when well made, and some

glycerine thoroughly incorporated with

labels on tinned sheetiron boxes.

does very well for fixing printed

Dr. Tyndall states that of the radiant

cifics recommended.

into light.

cure for that very obnoxious disease.

He was awful heavenly!"

Price 50 cents.

tat! I want a girl tat!"

is always on the watch.

stamp.

face to make a forty-gailon kettle."

enough in your head to fill it,

depths.

That she is frail, often in body,

and much profanity.

answered the dealer,

Association, Buffalo, N. Y.

awhile yet."

the public.

Prof. Merriman, of New Brunswick, last week. He had been gone three says: "While facts enough regarding "Elected a new President the extent of the earthquake of the 3d ince i've been gone?" he asked of a of August, have not come to hand to friend, "Oh, yes!" "How many?" enable me to speak on the direction of "Only one." "Any revolutions?" . Only the earth wave or its peculiar features as compared with other earthquakes. "Oh, he was shot last week." "And yet something may be said as to the Zaguai?" "Transported." "And St. Badier?" "The same as when you latest convictions of students of science on the nature of the earth below the "Is that so? I'm surprised that point any man can penetrate. That he should be at one thing so long. He may lead us to guess intelligently at the was a very enterprising sort of a man. Where is he?" 'Dead." cause of earthquakes. "You know the long received theory

of the nature of the interior of the About two years ago, a prominent citizen of Chicago was told by his physicians that he must die. They said that his system was so debilitated that there was nothearth was that it is a molten mass, and that we move around on a crust enveloping the earth and caused by the cooling off of this mass on the outside. It is undoubtedly true that about 30 miles ng lett to build on. He made up his mind below the earth's surface the temperaand took it according to directions. He began to improve at once. He kept up the ture is so high that everything is in a melted condition. We know this, bereatment for some months, and is to-day a well man. He says the "Discovery" saved cause we have learned that every fifty feet we penetrate into the earth there is an increase of temperature of about 1 deg., and at a distance of thirty miles "Any reduction in the price of cloththe heat is so great that any substance ing?" he asked. "Very large reduction," answered the dealer. "I would like to we know of would melt. Perhaps the buy a pair of pantaloons if I can get meited mass is in the form of a liquid. That would be certain but for the imthem cheap enough." "Well, sir, prices have all gone to pieces, particumense pressure on it. The pressure is arly on pantaloons. The bottom has sairly dropped out." "In that case," estimated at 10,000 tons on a square foot. Of course scientific men cannot experiment with matter at a high guess I will stick to my old ones for temperature with a pressure of 10,000 tons to a square foot, so we can only guess what may be its condition. In talking about this melted mass thirty Victims of youthful indiscretions suffer-ing from nervous debility, lack of self-con-fidence, impaired memory, and kindred symptoms, should send three letter stamps for large illustrated treatise, giving means of certain cure, with numerous testimoni-als. Address World's Dispensary Medical miles under us the term watery sub-

stance is used by geologists. "How great is the distance through this water substance we do not know, but it is certain that its density increases more and more, gradually, until the interior of the earth is solid probably, from the inconceivable pressure 1,000 2,000 or 3,000 miles from the surface. dently been rusticating to the fullest sir William Thompson has demonstrated that the earth must have a core mark philosophically that "the passion for illicit watermelon is something much denser than the land and water we live on. He points out the fact that if a shell only thirty miles thick surcool." It is thus that vice has ever rounded a molten liquid mass extendsought to justify itself, but it is painful to see it boldly flaunted in the face of ng from one side of the earth through the centre to the other side, then the moon through the law of gravitation. would displace the liquid or gas in the interior of the earth to such an extent that the earth's crust would bulge out "Tis true, 'tis true 'tis a pity.

And pity 'tis, 'tis true.'
Dr. Pierce's "Favorite Prescription" is
the best restorative tonic for physical frailty in the direction of the moon, making a tide in the solid crust of the earth, as certainly as the skin of an orange bulges out when you squeeze the fruit between the palms of your hands. And a. Bydruggists. Price reduced this would be evident to us because the ocean tides would be almost, if not quite, imperceptible to us. To withstand the attraction of the moon, the barber. "Cut it short, old man," said a customer to one who was snipping a earth, Sir William says, must be as long yarn in his ear while cutting his

rigid as steel. "So we have the theory that the crust of the earth floats on and imposes an immense weight on a water substance, which is inconcervably hot. Now as to the way an earthquake may be caused. Suppose moisture trickled gradually, year by year, through this crust into the heated mass. In our atmosphere steam would be produced. Thirty miles below us the pressure is so great that it is not likely that steam be generated. One thing. though; the pressure of 10,000 tons to the square foot, a pressure exerted in every direction, would be increased. Some effect must be produced down there, and it is easy to see that if one place in the earth's crust is weaker than another near the region where the water trickled in, then "the weakest place must stan' the strain." It is not unreasonable to suppose that this pressure below might be so great that the earth's covering was shifted a little to adapt itself to the pressure from below. Clears out rats, mice, rouches, fles, ants, bed-bugs, skunks, chipmanks, gothers, 15c, Druggists. This shifting of the crust is, the earthquake. I believe this theory has the greater reason on its side, be-A smarr small boy: "Money makes | cause earthquakes are almost always in my ma go," said little Skeesicks when the regions of volcanoes, and volcanoes his mother, armed with a \$20 green-are always in or near the ocean. Anback, left for a down-town shopping other theory of earthquakes is that as the earth is very gradually cooling off the crust is thickening on the under Roanixo rapture: Somebody heard a side, and cracks or fissures on the under side of the crust many miles deep may occur in consequence of the enormous pressure, so that the water substance rushes into a new position with a force For years 1 have been afflicted with that would kneck a continent out of shape if it took place on the earth's a trial. The relief was immediate, I surface. That motion would be sufficient to produce a vibration 30 miles distant.

F.sh.

A gentleman named Howeitoun has

the largest fish-breeding establishment in Great Britain, if not in the world. It was commenced about ten years ago with a stock of about 50 breeding fish. It now contains more than 40,000 breeding fish, 500,000 small fry and 6,-000,000 eggs in process of hatching. The breeding establishment covers 11 acres. The ponds are situated in an enclosure which is beautifully terraced. the turf between the ponds being kent in the condition of a lawn. Stock fish are kept outside of this enclosure in artificial ponds and streams that are caretully guarded. From an artificial summer-house, located in the center of the establishment, every portion of it may be seen. It is planned with an eye to beauty as well as to utility and profit. Each pond is supplied with spring water and is so arranged that all the water may be drawn from it at any time that it is desirable to do so. The large fish are fed during a portion of the year on a species of coarse fish that is of no value as a food for man. The food of the small fish consists prin-Medicine on July 29 no fewer than 250 cipally of horse flesh, which is cut in small pieces and pounded. One pound per day is required for three hundred fish. All the fish are very tame. The appearance of a person on the bank of munication was by no means a disinter-ested desire to relieve the sufferings of spot by thousands. A wave denotes their advance. The fish will dart at meat held in the hand and will often of the name of Breant or Brehant, who bite the fingers. The establishment furnishes a market for all the oid horses for miles around. The cost of the es-tablishment was \$60,000, but it pays 10 cost him a moment's apprehension, left per cent, on the investment. The prosome years ago the sum of £4000 to be prietor thinks he could now construct given as a prize to the person who an establishment equally as good for one half the money this one cost. In that event it would pay a dividend of 20 per cent. The fish bred are different varieties of salmon and trout. None are raised for the table. They are raised for the purpose of stocking ponds. Some are sent to Australia and New Zealand. The demand is so good for the fish that the proprietor of this establishment proposes to start another firmly attaches labels to tron and tin on a still more extensive scale. Since the fisheries exhibition in London, last season, there has been great interest in fish-breeding not only in Great Britain, but in most of the countries on the cou tinent of Europe.

THE Norway spruce is often used for hedges with good success. When properly grown it is very ornamental and will turn cattle. For a windbreak a energy set up by a gas flame only the 1-25 part is luminous; the hot products of combustion carry off at least four times spruce hedge is invaluable.

A RHODE ISLAND Justice refused to as much energy as is radiated, so that marry a man name Carr to a lady of the not more than one-hundreth part of the same name on the ground that he was heat evolved in combustion is converted afraid to couple cars.

> "St. Bernard **VEGETABLE PILLS**" ST. BERNARD VEGETABLE PILL MAKERS.

Why the Earth Quakes.

To those who carry on any operation requiring much hammering or pounding a simple means of deadening the noise of their work is a great relief. Several methods have been suggested, but the best are probably these: 1. Rubber cu hions under too lags of the work bench. Chambe s Journal describes a factory where the nammering of fifty coppersmiths was sourcely audible in the room below, their benches having under each leg a rubber cushion. 2. Kegs of sand or sawdust applied in the same way. A few inches of sand or sawdust is first poured into each keg; on this is laid a board or block, upon which the leg rests, and round the leg and block is poured fine dry sand or sawdust. Not only all noise, but all vibration and shock are prevented; and an ordinary anvil, so mounted, may be used in a dwelling house without annoying the inhabitants. To smateurs, whose workshops are almost always located in dwelling houses, this device affords a cheap and sumple relief from a very great annoyance.

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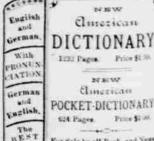
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