MARRYING SCIENTIFICALLY.

Choosing a Wife on Anthropological Principles.

Sir George Campbell's proposal at the Britith Associati n to supersede love making as a preliminary to marriage, and to make marriage instead a great institution for improving the physique and the morals of the human race, would have been somewhat more scientific than it was if he had been able to suggest any specific, first, for getting rid of the deep-rooted tendency in young people to spoil these beautiful plans by falling in love without paying the least regard to them, and next, for determining what the combinations of character should be through whose union the noblest offspring might be expected. There is the double difficulty in his proposals—first, that any young man or woman who would avoid falling in love till all the requisite conditions of appropriateness for Sir George Campbell's ends were fulfilled would be a prig whom no one of any sense would ever be disposed to marry; and next, that even if it were not so no man, however wise, could judge of the moral suitability of one nature to another at all better than it is determined now by the comparative accident either of a youthful passion or of the parental wishes. Just imagine the effect on any young man or woman possessing any spirit and any healthy instincts, of being addressed by anthropological papa or mamma in language such as Sir George Campbell might perhaps approve—thus for example:

"I am bound to warn you, my dear boy, that your physique, though excellent on the whole, is weak, if at all, in liability to a sluggish liver, and what, therefore, you must look out for in the first place in a wife is a girl whose family doctor will assure you that there has never been any weakness of that kind in her family. Beside this, you must be aware that, sweet tempered as you are, you are a little disposed to levity and too fond of amusement. If, therefore, you would really improve your species, and I need not say that I hope that this is your most earnest desire, and would give to the world children who could justly boast that they are better than their father, you must look out for a wife of earnest and serious disposition, who always postpones amusement to duty, and would stay away from a dance without a murmur to nurse a sick brother. Think, my dear boy, of these things before you permit yourself to fall in love. Be sure that you know what the constitution of the family is before you allow even admiration to stir your heart. And next to the constitution, and especially the freedom from bilious tendency, be sure of the sense of duty in your proposed wife. If, after securing these great requisites, you like to take sweetness, and temper, and beauty into account, there can be no objection; but with your own great sweetness of disposition I think the former is of less importance. You might afford to have a wife of hasty temper; you could not afford to have a wife with any element of frivolity in her, with due regard to your posterity."

A young man who would not be driven by such an address as that into a little scorn for his father, and a positive determination to ignore all such nonsense is satisfying his own heart, would be a poor sort of creature. And the reason is obvious. If young people are to enter into the closest ties of life guarded by such considerations at these, they must first be in a condition of mind in which it would be all but certain that they would be utterly indisposed to enter on these closest ties at all. It is quite true that there is always risk in forming such ties. Few young people really know each other, or can know each other before marriage, sufficiently to found so close a relation as that of husband and wife on mere knowledge. Nay, without a strong attraction prior to the knowledge, the knowledge would never really come at all. In marriage it is love which brings knowledge at least ten times as often as knowledge brings love. Conceive a man influenced by the class of considerations to which Sir George Campbell would give prominence, and you conceive a man who would not be in love, and who therefore would probably make infinitely worse blunders in trying to judge of the woman he thought of making his wife, without love, than he would even have made—and doubtless he might have made many—by falling in love first and learning the truth about her afterward. Luckily for us, even the mistakes of love are apt to be more beneficient than the accurate vision of more impartial criticism.

Probably, indeed, in no country in which mutual choice has been recognized as the highest guarantee to the happiness of marriage, could parental authority ever again take its place; but still less could it take its place if the parental authority chose to ground itself avowedly on anthropological principles, and to apply such quack tests of suitability as we have described. After all, as the rebellious youth would say, even chemical affinities would never have been discovered by the chemist's inspection of the separate elements. No chemist could ever have discovered in what proportions, or under what conditions, hydrogen and oxygen would combine by merely inspecting them. It was by their actual combination, and by that alone, that the stability or instability of their union became a thing that could be tested. And what is true of chemical affinity must be infinitely truer of the much deeper and more subtle affinities in human nature. It may easily happen that the attractions which first show themselves do not turn out to be all that was hoped, or do turn out to be of no real stability or worth; but at least they open the way naturally and favorably for the development of much closer affinities, while the anthropologist's notion that the sentiment of love should be dispensed with till the sanction of sober criticism has been obtained for it, would be very apt to engender an initial mutual repulsion, instead of that great wave of attraction which sweeps away at least the first reticenses and reserves, and makes mutual knowledge easy and possible.

The great weakness of the many ambitious sciences of modern days is that their devotees are so eager to substitute the feeble lights they elicit for those great instincts of nature, which though not founded on theoretic knowledge at all, are full of that unconscious guidance of which both our bodily and our mental life is in very large proportion made up. Would a child ever learn to walk if he had to follow accurately the direction of the teachers of statistics before he could learn to balance and propel himself? Would he ever fall into the discipline of the civilized society if he had to guide himself by the philosophy of that society—a philosoph ywhich is so far behind the social art which it tries to explain. It is just the same with these empirical teachers of the true principles of which marriage may be made subserve the improvement of the species. They recommend principles which are simply impossible, because if they could be really followed, hardly one marriage in ten would take place at all; and because if they were followed ten mistakes would be made for every one which is made now, and probably mistakes ten times as serious as well as ten times as numerous.

JOHNSON—"I understand that you tried to sell your tragedy to Spangles, the lessee of the Grand Academy What did he think of it?"

Jackson—"Why, the illiterate idiot wanted to know what the title of the piece was."

FARM NOTES.

THE potato is among the most staple articles of vegetable food grown. It is grown in nearly all parts of the habitable globe. For some years the crop has been annually endangered and curtailed by the ravages of the Colorado beetle, an insect or bug which destroyed the tops and killed the growth of the tuber. For a year or two the fight against this pest was almost hopeless. They multiplied so rapidly that the process first adopted of picking them off the vines and then destroying them, was a thankless task. Paris green, it was found, would, when properly applied, kill them. But it required such constant application to keep the plants even partially rid of the bugs, that many farmers became discouraged and ceased planting. Then came a cold, wet season, destructive to potatoes, and this, with the decreased planting, caused such a scarcity in the markets that it was found profitable to import potatoes from Ireland. But within the past two or three years patient application of the antidote to the bugs has been resumed, and the farmers say that last year they were not as numerous as in former years, and from indications it is thought that in the course of a year or two they will entirely disappear, and have the potato open for another scourge of some kind. The varieties of white potatoes have multiplied within the past half century more largely than any other vegetable. Of all the varieties, it is generally believed that the "Early Rose" is the best and most prolific. The yield of potatoes is from 150 to 300 bushels per acre. The earliest potatoes received in this market come from Bermuda, followed by a supply from the South, neither of which are considered as good as those of more northern production. Lands producing watery, inferior tubers, deficient in starch, almost worthless for eating, and very small crops beside, have been made, by liberal dressing of plaster, to turn out good crops of superior potatoes, large, smooth, mealey when cooked, and rich in starch.

A CORRESPONDENT writes that a brood of chickens were in the habit of frequenting the shed in which he kept his bees. The bees stung all the dark colored ones to death, yet did not molest the light colored chicks. Why the preference? The editor writes that he has frequently spoken of the advantage of wearing light clothes among the bees. We wear black bee veils because we cannot see clearly through any other color. Woolly, fuzzy and dark materials are objected to by bees. A man with a plug hat on rarely gets stung, unless by a bee that is trying to "shoot the hat," aims too low and hits the face by mistake, while a companion at a suitable distance is perfectly safe.

THE old-fashioned idea that exposing stock to the cold in winter hardened them had at least this basis of truth: It took off the soft spots and left only the bones and skin. Besides, it destroyed the less hardy animals, and though often stunting the growth of those that lived, they had generally a capacity for enduring cold. The small, shaggy Shetland ponies are examples of what this method will do for horses; but this is a direction in which few horsemen will wish to breed.

MANY years ago a farmer in Southern New York who kept large herds of cattle, found difficulty in supplying them with water while at pasture. To meet the need he procured a heavy and very strong mole-plow, which he ran in converging lines from the highest points in his fields to places where he wanted to set watering-troughs, and in this way secured a lasting supply without the natural provision of springs.

As the bull should continue available for use in the herd for three years, and will in that time leave an indelible impress for good or evil upon the herd, the importance of making a good selection is easily seen. This much, however, may be positively asserted, and that is that a pure-bred bull, whatever his quality or breeding, provided he be sound, will prove infinitely safer than any grade bull however meritorious.

A FRUIT-GROWER in Western New York sold the past season $3060 worth of quinces from an orchard of 16,000 trees which have been in bearing three years. Every year hereafter the sales will, or should, largely increase. So far the only manure used has been a mixture of salt and ashes. The orchard is kept cleanly cultivated, as the trees are now too large to grow other crops among them.

As to special grains, we name buckwheat as one of the most valuable for the production of eggs. Sunflower seeds should also be included in the bill of fare of all well regulated poultry yards. The large amount of oil that they contain seems to be especially valuable for young, growing chickens. They also give a gloss and brilliancy to the feathers probably unequaled by any other food. Even when fed in large quantities no bad effects follow, as the husks or shell must be taken with the meat."

IT is a matter of surprise that so many should be contented to have so few tools with which to work and know so little of their use. Occasionally one does find a farmer who possesses a good chest of tools and a well arranged workshop; how much oftener does he find one whose kit of tools consists only of a dull hand-saw, a hammer and a few rusty nails.

ANTS.—A correspondent says, regarding the destruction of ants: "Take a white china plate and spread a thin covering of common lard over it. Place it on the shelf or any place infested by the troublesome insects. You will be pleased with the result. Stirring up every morning will be all that is needed to set the trap again."

A VEGETABLE gardener writes that among many novelties he has tested he finds the following worthy of cultivation: Little Gem squash, Golden Dawn mango, Chartier radish, Acme, Perfection and Favorite tomatoes, Golden Wax bean, Eclipse beet and Early Golden sweet potato.

AN old strawberry patch plowed under gives excellent returns in succeeding crops of grain, vegetables or fruits. This is owing largely to the fact that the strawberry ground is pretty well fertilized, also to the mass of roots and foliage turned under to rot. Thus it has a double manuring.

—Condor yellow, mermaid pink, and glycerine or liquorice purple are the three latest colors on the palette of fashion.

BROWN TO JONES—"I say, lend me a dollar until to-morrow; you see, I changed my vest this morning." Jones—"I'm sorry, but I've just invested my change."

Mr. J. E. Dowson, of Westminster, London, England, has received a United States patent for an apparatus for the manufacture of gas. This invention relates to the manufacture and treatment of non luminous heating gas made by passing steam and air, or steam only, through incandescent carbonaceous fuel. The improvements chiefly refer to apparatus for making such gas; but the inventor claims that some of them may be also useful for other purposes.

HOUSEHOLD.

FISH CROQUETTES.—The fish that remains over from dinner will make croquettes for breakfast next morning. Pick the fish carefully, removing skin and bone Make a sauce with an ounce of butter and the same of flour, put this in a saucepan with a pint of boiling water, a salt spoonful of salt, a very little white pepper and a dust of nutmeg. Stir this thoroughly so that it will be smooth. Cook the fish a little in this sauce and then put it aside in a dish to cool. When cold, flour a board and lay the fish paste on it, dust with pounded cracker and roll out the paste. It ought not to stick, provided you have put on enough pounded cracker. Have the yelks of two eggs well beaten, cut the paste in strips about two inches long and an inch wide, roll them over on themselves, dip in egg and fry in hot fat. Of course the fat must be very hot. The art is to let the croquettes just get a light brown, and then remove them from the fat without breaking. If they are greasy put them on paper to absorb the excess of fat. Sprinkle a little well-chopped parsley over them.

TO MAKE TURKISH MATS.—The materials necessary are tapestry Brussels and coarse wrapping twine. Cut the carpet crosswise in strips of two and a half inches wide, and ravel out the wool threads. Be careful not to separate the clusters. Set up knitting on large steel needles; take up one stitch of knitting; put one of the carpet threads on the needle, too; then put thread around the needle and knit both through the one stitch; repeat this to end of row, then knit back plain, third row same as first; knit as many and as long strips which, sewed together, will make mat of size required; then line and finish with fringes or not.

LOAF CAKE.—For a good loaf cake take two pounds of flour, half a pound of butter, half a pound of sugar, one pint of sponge, one pound of currants (washed, dried and picked); rub the flour, butter and sugar together, then add the sponge, with as much milk as will make it into a soft dough. Knead it well, replace it in the pan and let it remain until very light; then put it out on the board, work in the fruit, butter your pan, put it in and let it rise again. When light bake in a moderate oven.

BEEFSTEAK PUDDING.—An English lady of our acquaintance makes it in the following manner: Take a bowl and grease it, then take half a pound of flour and half a pound of suet, mix with water and roll half an inch thick; line the bowl, then take one and a half pounds of steak and four mutton kidneys, cut them both up in small pieces and fill the bowl. Put some pepper and salt between each layer of meat, then cover it with the paste, tie a cloth on it and boil fast for two hours and a half. Then turn it out, cut a piece an inch square out of the crust, pour in half a cup of boiling water or beef tea and serve hot.

ROAST SNIPE.—Clean and truss the birds, lay them in rows in the dripping-pan, sprinkle with salt and baste well with butter, then with butter and water. When they begin to brown put under each bird a slice of toasted bread. When they are done serve them on the toast with the gravy poured over. The largest snipe will not require more than twenty minutes to roast. Another way is to dip an oyster in melted butter, then in bread-crumbs seasoned with pepper and salt, and put in each bird before roasting.

BROILED QUAILS.—Clean, wash and split down the back; lay in cold water an hour; wipe carefully, season with salt and pepper, and broil over a bright fire. When done lay in a hot dish, butter on both sides and serve at once. Pigeons, woodcock and small birds may be broiled in the same manner, and are delicious and nourishing fare for invalids.

COLD PUDDING.—Oil a pudding mould with sweet oil. Stick candied cherries and other fruit at the sides, pieces of preserved peach or quince or grapes. Fill it three parts full with slices of stale sponge cake. Boil together ½ ounce of gelatine, ¼ pound of almond paste (which the grocers sell), and one pint of water. Flavor with lemon or vanilla essence, and add to it when it is still hot, but not boiling, the yolkes of three well beaten eggs, strain and pour over the cakes in the mould and set away on ice to cool. Eat with a soft ra ice.

FRICASSEED CHICKEN (French style).—Dress, cut up and well wash two chickens, trimming off all the fat. Put them in just water enough to cover them, with a little salt and pepper. Boil slowly till tender, and remove from the gravy, into which stir the beaten yelks of four eggs, one-quarter pound of butter, a little nutmeg, two teaspoonfuls of flour, and one cup of cream. Let it just come to a boil, and pour over the chicken. This will be found a most delicious dish.

GINGER SNAPS.—Mix together and boil for three minutes one quarter of a pound of butter, one quarter of a pound of lard, one quarter of a pound of sugar, one pint of molasses and two teaspoonfuls of ground ginger. When cool mix smoothly with two pounds of flour sifted with one teaspoonful of soda and one of cream of tarter. Moisten with a little milk, roll thin, cut into cakes and bake.

ICING FOR CAKES.—Beat the whites of two eggs to a high froth; add to them a quarter of a pound of white ground or powdered sugar; beat well till it will lie in a heap, and flavor with lemon or rose. This will frost the top of a common-sized cake.

GINGER CAKES.—One cup of molasses, one cup of brown sugar, one cup warm water, one cup lard, two tablespoonfuls ginger, one tablespoonful soda (dissolved in water), one teaspoonful powdered alum, put in last. Mix soft; bake quickly.

CORN MEAL MUFFINS.—One and one-half cups of corn meal, the same of flour, two teaspoonfuls of baking powder, one-half cup sugar, one-half teaspoonful of salt, small tablespoonful of melted butter, two eggs, milk enough to make a stiff batter.

DOUGHNUTS.—Two eggs, one cupful of sugar, one cupful of sour milk, half a teaspoonful of soda, four tablespoonfuls of melted lard; add flour enough to make the dough rather soft. Fry them in hot lard and sprinkle pulverized sugar over them while still hot.

"I'LL teach you to smoke!" threatened a father to his young hopeful. "I'll teach you to smoke," he repeated, taking down a horsewhip. "I'll"——

"Never mind, father," shouted the youngster. "You taught me to smoke. I saw you smoking last night."

FIRST TRAMP—"I never failed yet to make money out of any thing I tackled" Second Tramp—"You ought to be rich." "No I oughtened; I am as poor as an amateur violin performance." "How is it possible, if you make money on everything you tackled, that you are in such reduced circumstances?" "You see I make it a point never to tackle any thing."

FACETIÆ.

BROTHER GEORGE—"Girls did you hear what a sad thing happened to Fred Jones yesterday?"

Girls (in alarm)—"No! What was it?"

Brother G.—"The poor fellow had to have his arm taken off."

Girls—"Oh! how terrible! How did it happen?"

Brother G.—"Well, it happened this way. He was sitting by Miss Smith; they were then alone, when he suddenly put his arm around her."

Girls—"Well, go on. What then? What happened?"

Brother G.—"Well, it was then it had to be taken off."

"MARY Jane Berks!"
"What, ma'am?"
"What be you a-doin'?"
"Eatin' pie, ma'am."
"What be you a-eatin' it with?"
"Knife."
"So you be! now what have I told you about eatin' pie with your knife, Mary Jane? Take that pie up in your hand and eat it as you ought to."

"A WELL known Winthrop lady visited Boston yesterday and purchased a pair of slippers for her husband. She selected No. 10½ and ordered them sent to his office." "On opening the parcel Mr.——was astonished at the size and asked his wife to explain." In the innocence of her heart she said, "Why, my dear, you wear 10½ stockings don't you?"

GUS—"Have you put the important question to old Moneybag's daughter, Jack?"

Jack—"No. I hear there is a prior attachment there."

Gus—"You don't say so?"

Jack—"Yes, the sheriff has attached everything the old man owns.

"A BARBER in Boston has the legend on his shop: BOOTS BLACKED INSIDE."

"Civilization out West has not yet reached that heighth of refinement. We still adhere to the old fogy notion that it is preferable to blacken boots on the outside."

"MR. PETERBY, will you please carve the turkey?"

"No, I thank you. The man who carves must either be a fool or rascal, and I don't care to be either."

"What do you mean?"

"If he keeps the choicest portions for himself he is a scoundrel; if he does not keep them for himself he is a fool, and as I said, I don't care to place myself in either category."

"HALF fare for that big boy!" exclaimed the conductor. "Did the ticket agent see him when he sold you the ticket for him?"

"Of course he did!" snapped the woman. "But you must remember it's some time since we started. You didn't expect the child to stop growing, did you?"

MISS TARTLETTE—"Didn't see you at the Bink's dance, Mr. Bonnieboy?"

Apoleo Bonnieboy—"No, couldn't possibly get there. However, didn't miss much apparently. They tell me there wasn't a girl worth looking at."

["A. B. reflects and wishes he'd done so earlier."]

DAUGHTER—"Mamma, I'm crazy about this palmistry."

Mother—"The pa mystery I'm crazy about is where your father spends his evenings.

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When you visit or leave New York City, save baggage expressage and $2 carriage hire, and stop at the Grand Union Hotel, opposite Grand Central Depot.

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

The only perfect friendship subsists among those who resemble each other in virtue, because those who love their friends for their virtue, love them for what is not a temporary appendage, but a permanent essential in their character.

Frazer Axle Grease.

The Frazer Axle Grease is the Standard Axle Grease of the world. Use it and save your horses and wagons. One greasing will last two weeks.

The glory of the good is in their consciences, and not in the tongues of men. The gladness of the just is of God, and in God; and their joy is of the truth.

The pain and misery suffered by those who are afflicted with dyspepsia are indescribable. The relief which is given by Hood's Sarsaparilla has caused thousands to be thankful for this great medicine. It dispels the causes of dyspepsia, and tones up the digestive organs.

We cannot live on probabilities. The faith in which we can live bravely and die in peace must be a certainty, so far as it professes to be a faith at all, or it is nothing.

A Ghost

is a myth, but solid reality will be known by those who write to Hallett & Co., Portland, Maine, thereby learning, free, about work that they can do, and live at home, wherever they reside, at a profit of from $5 to $25 and upwards daily. Some have earned over $50 in a day. Capital not needed. Hallett & Co., will start you. All is new. Delay not. Pay absolutely sure from start. Wealth awaits every worker. Both sexes. All ages.

By no means put yourself in another person's power; if you put your thumb between two grinders they are very apt to bite.

ONE of every five we meet has some form of Heart Disease and is in constant danger of sudden death. Dr. Kilmer's Ocean-Weed Heart remedy regulates, corrects and cures.

Price $1.00,—6 bottles $5.00.

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If afflicted with sore eyes use Dr. Isaac Thompson's Eye-water. Druggists sell at 25c. per bottle

What is eternity? A day without yesterday or to-morrow, a line that has no end.

Nothing like Cann's Kidney Cure for Dropsy, Gravel, Bright's, Heart, Urinary or Liver Diseases, Nervousness, &c. Cure guaranteed. Offices, 834 Arch St., Phila. $1 a bottle, 6 for $5.00. Druggists. Try it.

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FITS: All Fits stopped free. Treatise and $1 trial bottle of Dr. Kline's Great Nerve Restorer, free to Fit cases. Send to Dr. Kline, 931 Arch St., Phila., Pa.

Drink nothing without seeing it; sign nothing without reading it, and make sure that it means no more than it says.

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It will dissolve and expel tumors from the Uterus in an early stage of development. The tendency to cancerous humors there is checked very speedily by its use.

It removes faintness, flatulency, destroys all craving for stimulants, and relieves weakness of the stomach. It cures Bloating, Headaches, Nervous Prostration, General Debility, Sleeplessness, Depression and Indigestion. That feeling of bearing down, causing pain, weight and backache, is always permanently cured by its use. It will at all times and under all circumstances act in harmony with the laws that govern the Female system.

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"YOU tell everything you know, don't you?" said Mrs. B—— to Mrs. A——, a garrulous neighbor. "Indeed I don't," replied Mrs. A—— with some show of asperity. "I can keep a secret as well as anyone. It was only yesterday that Mr. A—— told me that it was feared that Mr. H——was short in his accounts, and I haven't mentioned it to a soul, and don't intend to either."

DUMLEY—"Why, Robinson, I'm glad to see you out again. You don t look the same man you did two months ago." Robinson—"O, I'm all right again. By the way, Dumley, have you got a couple of dollars about you?" Dumley (handing him the money)—"As I said, Robinson, you don't look the same man, but, by peanut, you are the same man."

"SEVENTY-three hundred Chicagoans died last year." "Now we understand why it is that the moral atmosphere out West has been purifying so fast lately."

"YES," he said, "I was in California from '49 to '60, so I know something about the country." "Did you dig much gold?" "Never dug any." "Do you mean to say that you were in California in '49 and didn't dig for gold?" Yes, that's what I mean to say; I let other people dig it for me; I kept a hotel."

AT Castle Garden, a wedding ring is kept to be used in immigrant marriages, of which a great many are contracted during the voyage over. This particular ring has served at 376 such ceremonies and is still in the ring.

"No Physic, Sir, in Mine!"

A good story comes from a boys' boarding-school in "Jersey." The diet was monotonous and constipating, and the learned Principal decided to introduce some old-style physic in the apple-sauce, and await the happy results. One bright lad, the smartest in school discovered the secret mine in his sauce, and pushing back his plate, shouted to the pedagogue, "No physic, sir, in mine. My dad told me to use nuthin' but Dr. Pierce's 'Pleasant Purgative Pellets,' and they are doing their duty like a charm!" They are anti-bilious, and purely vegetable.

What is gratitude? Gratitude is the memory of the heart.

How Women Would Vote.

Were women allowed to vote, every one in the land who has used Dr. Pierce's "Favorite Prescription" would vote it to be an unfailing remedy for the diseases peculiar to her sex. By druggists.

Thou shalt rest sweetly if thy heart condemn thee not.

"Hello!" we heard one man say to another, the other day. "I didn't know you at first, why! you look ten years younger than you did when I saw you last," "*I feel* ten years younger," was the reply. "You know I used to be under the weather all the time and gave up expecting to be any better. The doctor said I had consumption. I was terribly weak, had night-sweats, cough, no appetite, and lost flesh. I saw Dr. Pierce's 'Golden Medical Discovery' advertised, and thought it would do no harm if it did no good. It has cured me. I am a new man because I am a well one."

Don't go to law unless you have nothing to lose, lawyer's houses are built on fools' heads.

Traveling men should investigate the advantages offered by the GRAND UNION HOTEL, New York, as a stopping place for the commercial fraternity. It is strictly first-class in every particular, and is conducted at prices that cannot but command the attention of travelers, who wish to live well and at the same time save their houses as much as possible in the way of expenses. —*Merchant Traveler.*

—Ormonde will probably be retired to the stud after next season.

No Opium in Piso's Cure for Consumption. Cures where other remedies fail. 25c.

Signor Toselli says the *Journal* of the Society of Arts, is reported to have invented an apparatus for exploring the depths of the ocean without danger or inconvenience. It is about 25 feet in height and constructed of steel-plate, with gun-metal castings. It is calculated to resist a pressure of 180 poun s to the square inch, so as to be able to attain a depth of 65 fathoms. The internal space is divided into three compartments—at the bottom a chamber capable of being enlarged or contracted by a flexible diaphragm so as to increase or diminish the volume of water displaced, and thus permit of rising or sinking; a room capable of holding eight explorers, occupying the central portion of the spheroid, and provided with lenses, so as to permit of looking out, and the upper surface reserved for those intrusted with maneuvering the vessel. A powerful electric lamp is to send its rays all around the apparatus for a considerable area and telegraphic and telephonic wires will place those in the vessel in communication with the steamer from which it is intended to be suspended.

Perhaps the Belgian War Department's method of making soldiers' uniforms water proof might be tried for the clothing of railroad servants and other employes of corporations, such as the policeman, firemen, &c., in cities. This is the process: Acetate of alumina is obtained by making solutions of equal parts of alum and acetate of lead in separate vessels, and then mixing them together, when sulphate of lead will be thrown down, leaving acetate of alumina in solution to be decanted. In this solution the fabrics to be water-proofed are soaked, and, without being wrung, dried in the air. Perspiration will escape from clothing so treated, but rain will not penetrate it, and no injury is done the material. As the method involves considerable expense, it must be conducted on a large scale to make it economical

"A *new* galvanometer," says the *Nature*, "has been brought out by M. Ducretet. It contains the valuable properties of being dead beat, and being used for both strong and high potential currents. Its chief points consist in a movable compound coil, the fine wire coil being 6000 ohms, and the frame work of this coil, which is a copper ring, being the low resistance coil. The magnetometer part consists of a box with a very delicately balanced needle immersed in some transparent liquid. The needle is very small, and has attached to it a fine aluminum pointer by which the readings are made. The galvanometer can be used for all strengths of current in practical use."

Commerce quickly sees the best way to effect her purpose. Since the St. Gothard Tunnel was finished much of the Italian trade has been diverted into the hands of the Belgians, Germans, and Hollanders. Through the tunnel and without breaking bulk early fruits may be taken from all parts of Italy to the principal seaports of the Continent on the German Ocean, and from such places as Antwerp and Rotterdam swift steamers convey the precious but perishable produce with all speed to London and other English cities, where a ready market is obtained. An active trade is, and never can be, one-sided The Italians are now receiving from the north of Europe articles they hardly dreamed of obtaining a few years ago

A Scotch shipbuilder has submitted to the Admiralty the plans of a novel war vessel intended for the defense of the Clyde and other estuaries. The vessel is 150 feet long, 30 feet wide, and is divided into 32 watertight compartments by bulkheads; the bottom of the hull describes a segment of a circle, allowing the vessel to turn on her axis, and above the water-line she has a steel belt two feet thick and sloping up and down, so that a shot striking the apex of the belt would be shattered, or would glance off if it struck the slope. Her armament consists of two powerful guns, one placed fore and the other aft. The funnel is made on a telescopic principle, and on deck when in action there would be nothing on which a shot could take effect except the guns.

The passage of the Suez canal is ordinarily made in thirty-six to forty hours, but vessels fitted with the electric light apparatus can go through in sixteen hours,

MORE WORDS OF PRAISE.

Rheumatism a Blood Disease entirely cured.

ROCHESTER, April 1, 1886.

To the Pardee Medicine Co.,

GENTS:—Allow me to say a few words in praise of Dr. Pardee's Rheumatic Remedy; and if what I have to say will induce others who are afflicted with neuralgia or rheumatism to use it, I shall feel that I have been the means of doing some little good to my fellow men. December 27, 1885, while at work in the shop, I was taken suddenly with sharp, piercing pains and was compelled to leave the shop. The next morning I was unable to rise, and I grew worse daily although I was under the best medical treatment. But I obtained no relief until I began using Dr. Pardee's Remedy, which I did March 17th, and after using it three days, I could walk about the house. I continued to use it and improved rapidly every day. I am now at work and entirely free from pain, and have gained five pounds in weight, but I shall continue the remedy until I feel sure the poison is out of my blood, for I am certain that rheumatism is a blood disease. You are at liberty to use my name or refer anyone to me, for I shall be only too glad to recommend it to anyone who is suffering as I was. I know it will cure any case of rheumatism, if used as directed.

I am, very truly yours,
GEORGE DOANE.

Foreman at Goodger & Naylor's shoe factory, 65 South St. Paul street; residence, 6 Griffith street.

Forty Years a Sufferer.

Mr. E. W. Howell, of No. 2 College street, writes that he has suffered with rheumatism in his hips, knees and arms, for forty years, and that he has not known what it was to be free from pain until he began the use of Dr. Pardee's Remedy. He has used ten bottles and has not felt any rheumatic pains or symptoms since.

Ask your druggist for Dr. Pardee's Remedy, and take no other. Price $1 per bottle; six bottles, $5.

Pardee Medicine Co., Rochester, N. Y.

DR. KILMER'S HEART REMEDY!

A Corrector, Regulator, Nerve-Rest.

"The Heart is the Seat of Life."

One of every five we meet has some form of Heart Disease, and is in constant danger of Apoplexy or Sudden Death!

SYMPTOMS and DISEASE.

For which this Remedy should be taken

Heart-pains Palpitation Heart-dropsy
Skip-Beats Throbbing Spasms (Fits)
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Hot-flashes Paralysis Heart-sympathetic

Rush of Blood to the Head, Feeble-circulation, Labored-breathing, Heart-enlargement, Nervous-prostration, Heart-rheumatism, Neuralgia and Valvular Disease.

One Medicine will not Cure all kinds of Diseases.

THIS REMEDY IS A SPECIFIC.

It Prevents Fainting, Shock, Sudden Death.

Every ingredient is from vegetable products which grow in sight of every unfortunate sufferer. It contains no Morphine, Opium or injurious drugs.

☞ *Not a Vehicle of impure Blood on escape to Purifying Influence.*

PRICE $1.00—6 bottles $5.00.

☞ Prepared at Dr. Kilmer's Dispensary, Binghamton, N. Y., U. S. A.

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It is wonderful how quick Ely's Cream Balm has helped and cured me. I suffered from acute inflammation in my nose and head. For a week at a time I could not see.—Mrs. Georgie S. Judson, Hartford, Conn.

CATARRH

ELY'S CREAM BALM CURES COLD IN HEAD, CATARRH, HAY FEVER, DEAFNESS, HEADACHE. PRICE 50 CENTS. ELY BRO'S, OWEGO, N.Y. U.S.A.

HAY-FEVER

A particle is applied into each nostril and is agreeable to use. Price 50 cts. by mail or at druggists. Send for circular. ELY BROTHERS, Druggists, Owego, N. Y.

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For the cure of all disorders of the Stomach, Bowels, Kidneys, Bladder, Nervous Diseases, Loss of Appetite, Headache, Costiveness, Indigestion, Biliousness, Fever, Inflammation of the Bowels, Piles, and all derangements of the internal viscera. Purely vegetable, containing no mercury, minerals, or deleterious drugs.

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