SCIENTIFIC AND INDUSTRIAL. RELIGIOUS READING.

A Silent Prayer.

In the still all the music lies unbeard; In the rough marble beauty hides unseen; To make the music and the beauty, needs The master's touch, the sculptor's chisel kee

Great Master, touch us with thy skilful hand; Let not the music that is in use die! Great Seulptor, hew and polish us; nor let, Hidden and lost, thy form within us lie!

Spare not this stroke! do with us as thou wilt! Let there be notight unfinished, broken, marred;

Complete thy purpose, that we may become Thy perfect image, thou our God and Lord. -[Bonar.

The Search.

"Canst thou by searching find out God?"-Job 11:7.

"Search me. O God, and know my heart. -Pealm 189:28.

-Psaim 189:33. If we would by searching find out God, we must ask him first to search and to find us. He knows us infinitely better than we know ourselves, and he better than we know ourselves, and he knows whether we truly desire to find him. He who begins this Psalm (139) with the words "O God, thou hast searched me and known me," ends it with a prayer that God would still more search him and know him (verse 23). He wished to lay his heart open to God, well knowing that it was already before him, and that the darkness of wilful cancerclament as well as the light of canconcealment as well as the light of can-did confession were "both alike" to that did confession were "both alike" to that Allsceing Eye (verse 12). Thus the Psalmist knew something of God; he recognized that before him with whom we have to do all things are naked and open, for God had aught him this great truth in his deep-est heart, and was ever teaching it more and more in answer to his prayer. When God has thus searched the heart, the man is no longer loft in utter ignorance, standing aloof before an unknown God; he has had dealings which he can never forget, with his Maker, and having thown God ns the searcher, he cannot rest till the Holy Spirit of God reveals him also as the cleanser of the heart. To know God thus, we must know him in him also as the cleanser of the heart. To know God thus, we must know him in Jesus Christ, who came to reveal him to man. Ealightened by this glorious revela-tion, we know thingswhich prophets and righteous men sought in vain to know, and are no longer forced to ask without hope of an answer, Can we find God? because now we can see God has found Us.--[Sunday at Home.

Living for Christ.

"For me to live is Christ, and to die is gain."—Phil. 1., 21.

is gain."—Phil. 1., 21. The words of the Apostle are certainly very singular: "For me to live is Christ." How is it that to live is Christ?" If the great Apostle could say these words, may you and I? Was the Apos-lie's life to represent Christ? Was he in some sense to be a Christ on earth? If so, may you and I, in our lives, repre-sent Christ? May we be to the world, in some sense, a Christ? Is it possible for us to have such a grand conception of life- its mission, its duties, its responsi-bilities? bilities?

There is a sense in which the Christian may be said to show forth Christ in his life. "For to live is Christ," further

my be said to show for a Christ," further signifies, that, in living we receive into our hearts the Spirit of Christ. "If any man have not the Spirit of Christ," the Apostle says, "he is none of His." If we belong to Christ we have the Spirit of Christ—that is, we have a mind like to His mind. Was He amiab'ef So are we. Was he meek? Bo are we. Was He patient? So are we. Could He bear with the perversity of others? So can we. Could He bear to be reproached without becoming angry? So can we. Was He long suffering? So are we. Could He endure persecutions unmoved? So can we—that is if we are Christ's; for all true Christians have in them the mind that was in Him. It is them the mind that was in Him. It is true, with this mind, we have temptations, and we have peculiarities of dis-position, which those temptations influ-ence; we are liable to be thrown off our ence; we are liable to be thrown off our guard; we need constant watchfulness; but just so far as we are Cirist's, we have the mind that was in Christ. Again "for us to live is Christ," is this-that we show to the world how Christ would live, how Christ would labor, and toil, and suffer, and act were He in our lace. Thus we show the world that we Thus we show the world that we are His. We stand up before the world to point out to the world what is Christ-like; what are Christ's dispositions as

A gross of steel pens, formerly costing \$35. \$35, may now be produced for eight cents. The cost of making gold chains has been reduced to an eighth of what it was. These illustrations show the di-minished cost of production in metal

work. work. An artesian well being sunk at White Plains, Nev., is down over 2,300 feet, and can go no further until the water, which is seventeen per cent. salt, and so heavy that the ropes and tools float on it and the drill does not penetrate the rock, has been shut out been shut out.

been shut out. Some time ago, says a Southern paper, the United States Navy Department wanted a mast for a war vessel that should be perfectly straight, eighty-four feet long and twenty-four inches square at the top. Agents of the government tried in vain in several States to have the contract filled. At last the matter came to the notice of some lumbermen of Or-angeburg, S. C., who made a search, and in a short time discovered on the Edisto several trees that came up to the require-ments. One was cut down, hewn and shipped to its destination. The New York State Board of Health

The New York State Board of Health The New York State Board of Health has prepared a report on the pathogenetic powers of contaminated ice, in which it is stated that ice formed in impure water may contain from eight to ten per cent. of the organic matter dissolved in the water, and in addition a very large amount of the organic matter that was merely sus-pended or floating in it. It may also of the organic matter that was merely sus-pended or floating in it. It may also contain living animals and plants, rang-ing in size from visible worms down to the minutest spores, and the vitality of these organisms may be unaffected by freezing. Such ice is unfit for use in drinking water, for it may cause serious illness. illness.

Illness. In an English discussion of railway speeds it appears that rigid tests with a Bristol and Exeter engine, with 9-foot single driving-wheels, gave 80 miles an hour as the greatest attainable rate down an incline of 1 in 90 with no load, a sin-gle car reducing this to 78 miles. A Great Western engine, with 8-foot wheels, could do no better than 78 miles down 1 in 100. On a level or ascending grade could do no better than 78 miles down 1 in 100. On a level or ascending grade the maximum can be but little more than 60 miles an hour. As these engines were "designed especially for giving the great-est possible speed, it is affirmed no mod-ern motors are adapted for beating their records, and that reports of train-running at more than 75 miles an hour, even for the shortest distances, must be due to in-accurate timing or other errors. accurate timing or other errors.

Considerable interest has lately been manifested in a statement published by M. Villon, a French chemist well known for scientific research, that he has discover-ed an alkaloid poison of pronounced char-acteristics in decayed animal tissues. This poison is quite powerful, a dose of five centigrammes being sufficient to kill a dog. The interesting point in M. Vil-lon's researches is the fact that in his in-vestigations he applied tests to spoiled flour, because of the likeness of gluten to animal fibrin, and in that way discov-ered the poisonous alkaloid. Spoiled and decayed flour has a peculiar appearance and a foul, caustic, pungent, bitterflavor. It tastes hot and stinging, somewhat like pepper, according to the stage of decom-position, Dough made from it is also bitter to the taste and offensive to smell, and it crumbles in hot water and affects Considerable interest has lately been bitter to the taste and offensive to smell, and it crumbles in hot water and affects injuriously the stomach. Plagues have been attributed to the use of decayed flour, the great plague in Rome being cited as an instance. Wheat flour, spoils very easily, especially in the months be-tween March and August, when a fer-mentation sets in that goes on through the succeeding months until the spoiling is complete.

Artificial Cold.

Altogether what with the use of these machines in store houses, packing houses and breweries, we are doing to-day in New York by chemicals and machinery what would require the melting of 3,000 tons of ice a day. This at the prices de-manded by the ice companies for ice for such purposes represents a work which would cost \$7,500 a day if ice were used. would cost \$7,500 a day if ice were used. Machinery does the work infinitely better and at less than half the cost. Inasmuch as this artificial cold production has been a rapidly growing business since its in-ception ten years ago, of course a great many firms have gone into the manufac-ture of cold producing machinery. An expert tells me that there are forty-two manufacturers engaged in the business of ufacturers engaged in the business of making and selling such machinery in the United States. Although the artificial production of cold dates from 1825, the first great advance in the process was made by Carre, a Frenchman, who used liquid ammonia in some machines he ex-hibited at the Paris Exhibition of 1867. At that time and since then it has also hibited at the Paris Exhibition of 1867. At that time and since then it has also been attempted to produce cold by com-pressing air and liberating it, the liber-ated air absorbing heat very rapidly in expanding. Several Americans have dis-tinguished themselves in this field of in-vention, but the present process, which is being improved almost yearly, is, like most other great inventions, the work of a number of different men, each one of whom has added something to the whole. —New York Letter.

WARVELOUS CHANGES.

What the Future Will Be to These who Refuse to Believe. Hefuse to Believe. Is this country unconsciously undergoing a wonderful change, is the change to take place before we are aware of the fact, and when it has taken place will we wonder why we did not see it before it was too late! Those that see the changes early avail hemselves early, and thereby receive bene-ft.

These that see the changes early avail themselves early, and thereby receive bene-fit. The shrewd iron man sees the iron inter-est transferred from Pittaburg and Penn-sylvania to Birmingham, Alabama, and in his far-sightedness sees the furnaces in Pennsyl-vania torn down and deserted for this new and prolific field. It is claimed by the iron men of Alabama that the low price at which iron can be produced there will revolution-ize the iron interests of the world. We have seen the grain-growing centres of this country shifted to the West. We have seen the pork-packing industry flit from Claimati to Chicago, and from thence to Kansas City and Omaha. Southern cotton mills undersell New England and American markets, and challenge the world. We have seen and are seeing all this take place before our eyes, and know that other changes are taking place equally as prom-iment, and we wonder as we behold them. Ton years ago the insurance for very large amounts. To-day no first-class company will insure any amount unless they have a rigid analysis of the fluids passed, and if any traces of certain disorders are apparent, the application is rejected. In their reports they show that the death of sixty of every 100 reople in this country, is due either di-produced he dids passed, and if any traces of certain disorders are apparent, the application is rejected. In their reports order, England, reports that sixty of every 100 victims of consumption also have serious dis-orders of the kidneys. Among scientists for the treatment of this dread malady the question is being dis-cussed: "Is not this disorder the real cause of con-munctions"

"Is not this disorder the real cause of con-

cussed:
"Is not this disorder the real cause of consumption."
The years ago the microscope was something seldom found in a physician's office; no weary physician of standing has one and iseldom visits wis patients without calling for a sample of fluids for examination.
Why is all this? Is it possible that we of the present generation are to disorders? or shall we master the cause by Warner's safe cure, the only recognized specific, and thus remove the effects? It is stablished beyond a doubt that a very large percentage of deaths in this country is traceable to diseased kidneys. For years the proprietors of Warner's safe cure have been insisting that there is no sound health when the kidneys are diseased, and they enthusiastically press their specific for this terrible disorder upon public attention. We are continually hearing its praises that a first is so unimportant, and is so fatal in its termination? Are we to hope against hope, and wait without our reward?
The most significant of all changes, how very tha we of view to which the public has been enducated. It was formerly though that the kidneys were of very small importance; the kidneys were of very small importance; the kidneys were of very small importance.

The Heart's Work.

In a recent lecture before a London in that the work of the heart in a healthy man is equivalent to the feat of raising five and one-fifth tons one foot per hour, 125 tons in twenty-four hours. The use of eight ounces of alcohol causes the heart's work to show an excess of twentyfour foot-tons. Illustrating this power-ful engine's performance by a new calcu-lation, he assumed that the blood is thrown out by an average of sixty-nine strokes per minute, and at the force of nine feet to each stroke, which would give the mileage of the blood through the body as 207 yards per minute, seven miles per hour, 168 miles per day, 61,320 miles per year, or 5,150,880 miles in a lifetime of eighty-four years. In the same long life the great journey of the blood would be the result of the grand total of 2,869,776,000 heart-beats. four foot-tons. Illustrating this power

When everything else fails, Dr. Sage's Catarrh Remedy cures.

The Weaker Sex

are immensely strengthened by the use of Dr. R. V. Fierce's "Favorite Prescription," which cures all fenale derangements, and gives tone to the system, Sold by druggists. The colleges of this country contain 1,000 female students.

"Over and Over (Again." "Over and Over (Again." Repetition is sometimes the only way to impress a truth upon the mind. Accordingly take notice that Dr. Pierce's "Pleasant Pur-gative Pellets," (the original Little Liver Pulls) continue to be wonderfully effective in cases of sick and nervous headache. constipa-tion, indigestion, rush of blood to the head, cold extremilies, and all ailments arising from obstruction of the bodily functions. Their action is thorough yet gentle, and the ingredients being entircly vegetable, they ca i be taken with impunity into the most deif-

Making a Balky Horse Go.

Colonel James R. Randall arrived on the train to-day, says a recent letter from Columbia, Ga. He made a sensation as soon as he reached town by showing himself a valuable auxiliary of the So ciety for the Prevention of Cruelty to Animals. The horse in a street car backed and began to act ugly, so much so as to frighten the lady passengers. The driver became very mad at the horse's behavior, and a male passenger proposed throwing sand in the animal's eyes. "Oh, no!" said the Colonel, "don't do that; it is uncecessary and inhuman. The poor beast only needs to be diverted. Tie a handkerchief around his fore leg and he will start off promptly." The driver agreed to try so simple an expedient, and the horse moved at once with the utmost placidity. As the animal started the Colonel James R. Randall arrived on placidity. As the animal started the driver snatched his whip, looked at the Colonel, and exclaimed: "If that don't beat the Dutch!"*

Thirty-three years ago the total wheat product of Victoria, then called Aus-tralia Felix, was 498,704½ bushels. The past season's crop aggregated 12,000,000 bushels, which will leave 5,000,000 bushels for export. The average yield per acre in that country last scason was twelve bushels.

A leading physician has made the startling revelation that six thousand people, mostly children, die yearly in this country from the effects of cough mixtures containing morphia or opium. Red Star Cough Cure contains neither opiates or pois ns; purely vegetable.

A new process of deodorizing furs makes ertain kinds much more desirable.

March, 1882, Rov. L. N. St. Onge, P. P. Indian Missionary, Glen Fails, N. Y., wrote: "A single application of St. Jacobs Oil reliev-ed me of rheumatism." October 29, 1886, he writæs again: "It cured me then."

Miss Augusta Klumpke, of California, who is a student of medicine at the Paris Medical School, has just been appointed bous sur-geon in the hospitals of that city. This is the fit is instance of a woman receiving this honor, and it was won in the face of the most bitter opposition.

The best cough medicine is Piso's Cure for Consumption. Sold everywhere, 25c. Ce







"This is all right, 'Lood's Sarsaparilla is peculiar in the phenome record of the sales it has attained, never equaled any other preparation in so short a time. Of medicines have been forced to stand aside wi real medicines have been forced to stand aside with the standard been forced to stand aside with the proper been forced to standard been forced to standar

"25 Years the Poultry Yard"

THE ONLY TRUE

purify the **BLOOD** regulate LIVEP and **KIDNEVS** and STORE the **HEALTH** and VIG-of YOUTH. Dyspersia, Want Appetite. Indigestion, Lack of itrangth and Tired Feeling ab-solutely curved.

cure nd nerve Enli

LADIES in DR. HARTER'S IRON

Peculiar to Itself

more than to obset, and will like a month, others will average to last not over a week. I on the simple question of economy Hogd's parilla is given a decided preference. If you never tried this medicine, do so this season.

Hood's Sarsaparilla Sold by all druggists. \$1; six for \$5. Prepair by C. I. HOOD & CO., Apothecarles, Lowell, Mass. 100 Doses One Dollar



HAINESVILLE, N. J., October 15, 1886.

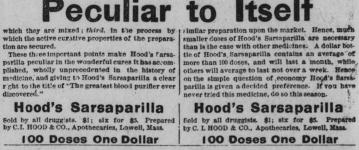
E. T. HAZELTINE, Warren, Pa.

Dear Sir:

I was taken with a very severe cold last Spring, and tried every cure we had in the store, and could get no help. I had our village doctor

prescribe for me, but kept getting worse. I saw an-other physician from Port Jervis, N. Y., and he told me he used Piso's Cure for Communities in binome Consumption in his practice

I bought a bottle, and before I had taken all of it there was a change for the better. Then I got my em-ployer to order a quantity of the medicine and keep it in stock. I took one more bottle, and my Ceugh was cured.



If then, you anifested to that world. are set in this world. If they, you are set in this world, to show to all around you how Christ would have lived, in what a responsible place has Christ placed you! What a vast responsibility rests upon you if you stand to represent his in comparison to represent

him in your temper, words and actions! I think we may proceed still further, and say that, in a modified sense, every one of us stands in the relation of Christ to society. I say in a modified sense. Have you ever marked the Apostle's lan-guage: "Now, then, we are ambassadors for Christ; we pray you, in Christ's stead, be ye reconciled to God?" That for Christ; we pray you, in Christ's stead, be ye reconciled to God?" That is, the Apostle was standing in Christ's stead; was talking Christ's words; was pleading as though Christ did plead, Now, Christ places us in this position. We are in Christ's stead. We stand be-fore the world to exhibit Christ's loveli-ness; to do Christ's work; to live Christ's life on and on. He has come un to hear. ness; to do Christ's work; to live Christ's life on and on. He has gone up to heav-en. He sends His Spirit into the world. The Spirit dwells in Christian hearts, works out through Christian agencies to accomplish the good that is accom-plished. And while we are doing this, it is Christ that is working in us to will and to do for His own glory; and we work amid the world in Christ's stead, and stand before the world to represent Christ's person.

The blind and cowardly spirit of evil is forever telling you that evil things are pardonable, and you shall not die for them, and that good things are im-possible, and you need not live for them; and, if you believe these things, you will find some day to your cost, that they are untrue. Therefore, I pray with all scaraestness to prove, and knew within your hearts, that all things lovely and rightcous are possible for those who be-lieve in their possibility, and who de-termine that, for their part, they will make every day's work contribute te them.-[John Ruskin.]

Bir William Thompson says that the up will last 10,000,000 years as it is.

-- New York Letter.

The Women Row the Canoes.

The Women Row the Cances. The Rev. Thomas Brydges, a mission-ary in Terra del Fuego, in the island of Onisin, among the Ona and the Yagbons, mentions a curious circumstance with reference to the people, illustrating the influence of environment on the acquire-ment of habits. Between men and women there is a fair division of labor. Among other things, the men maké and fit up the cances, but the women are the rowers. The result is that the women are good swimmers, but the men cannot swim at The result is that the women are good swimmers, but the men cannot swim at all. The reason is that often on the coast there is not a single tree to which to fasten the cances. The women, there-fore, after landing their husbands, have to row the cances to a spot where sea-weed has been massed together, in order to moor the cances thereon; after which operation they are compelled to swim back. So, also, when the cance is wanted, the women have to swim out for it and row back for their husbands.

One of the best known menagerie pro-prietors in the neighborhood of Paris has a lion styled the "Cashier." Every even-ing he puts his receipts for the day into a leather bag, which he depositis in the mid-dle of the libn's cage. Nobody has ven-tured to meddle with it so far.

be taken with impunity into the most deli-cate stomach. All druggists,

Miss Alice R. Jordan, LL. D., of Yale, is only twenty-three.

One kind of medicine will not cure all kinds of diseases: Dr. Kilmer's Prepartions are Specifics—a remedy for each isease. They are the result of a successful practice since 1859. Guide to Health (Sent Free) Binghampton,

There are six lady medical students in Ed-inburgh College.

Chronic Coughs and Colds, And all diseases of the Throat and Lungs, can be cured by the use of Scort's EMULKION, as it contains the healing virtues of Cod Liver Oit and Hypohosphites in their rules form. Is a beautiful creamy Emulsion, palatable as milk, casily digested, and can be taken by the most delicate. Please read: "I consider Scott's Emulsion the remedy par excellence in Tu-berculous and Strumous Affections, to say nothing of ordinary colds and throat troubles." -W. R. S. CONNELL, M. D., Manchester. O.

Regard not dreams, for they are but the he images of our hopes and fears.

Wants the Facts Known

Walls the racis Known. Mr. Editor: I and mw neighbors have been lod so many times into buying different thing-for l.ver, kidneys and blood, that nave done us more harm than good. I feel it die your readers to advise them when an honest and good medicine like Dr. Harter's Iron Tonic can be had. Yours truly, AN OLD SUBSCRIBER.

Do what you ought, let come what will.

Daughtern, Wives, Mothers. Send for Pamphlet on Female Diseases, free, securely sealed. Dr. J. B. Marchisi, Utica, N. Y.

· Dignity does not consist in possessing hon ors, but in deserving them.

Don't Read This

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Don't Read This if you have a sufficiency of this world's goods, but if you have not, write to Hallet & Co., Portland, Me., and receive, free, full particu-lars about work that you cen do, and live at home, wherever you are located, at a profit of from \$5 to \$25 per day and upwards. All succes i; both sexses; all ages. All is new. Capital not required; Hallett & Co., will start you. Don't delay; investigate at once, and grand success will attend you.



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