"Nurse," she murmured feebly at last, paper !"

"An envelope, nurse," she said again, half inarticulately, as she finished the writing: and the nurse handed her one from the drawer in solemn silence.

-directed it in the same spasmodic, deepdigging way, and then passed it across with a long breath to the nurse at the bedside.

"Nurse," she said solemnly, looking deep into the woman's eyes, "promise me one thing before I die. Keep that note while I and the instruments in the other. live, and give it up to no one; but as soon as I'm dead, put a stamp on it and post

"Yes, dear," the nurse answered low, ing her hair tenderly. "I'll do as you say. | cel. Poor child: God bless you!"

The door opened noiselessly without a into the chimney, red hot in the centre. motion of the air, and Selwyn Utterton | Meanwhile, the paper parcel lay unheeded | stones. entered. A handsome man, with a beauti- on the rug. He was stoking with all his ful face-cold, clear-cut, intellectual.

He moved over by the bedside with a soft, velvety tread, and took her hand in his, cel, placed the contents gingerly on a surg- they remained pure and white and deadly | wedding coat, and as still as marble. He | the insulting qualities of oil are all that can but it was to feel her pulse. "Too high, ical board, took some phials from the cab- pale as ever. too high !" he said, shaking his head and inet, and poured two or three liquids, one frowning. "She'd better be alone for a after another, on the mysterious bundle.

yawned, stirred the fire into a blaze with softly in the midst of the scorching fuel. meditative pokes, regarded the thermome- | With a hasty hand he piled more hot embers his back to the hearth and his hands cross- scuttle over all in a glowing pyramid. Then ed behind him. His wife turned her eyes | he sat in his arm-chair and watched it burn to him, but said not a word. Selwyn Utter- | slowly away-watched it burn away, bit by ton regarded her with a stony stare, yawn- bit, to indistinguishable ashes. Selwyn Uted a second time, pursed his lips and his terton never went to bed at all that night. brows, and took up the sheet of white paper | He sat up in his chair by the fire till mornthat lay upon the table. It was the under | ing, and when the servants came down at sheet of the quire on which Marion had seven o'clock to clean up the room they

He took it up mechanically and quite at | dozing dreamily. random, but its appearance surprised him. close at the furrows pressed deep into its | She could never follow him to his grave surface. "Why, how's this, Marion? I say, now -- that lame and halting ghost. She you've been writing !"

The dying woman's face flushed fiery red, was free to make love to Elsie Maturin. and then, in a moment, grew pale as death. ed, half raising herself on the pillow with a all fears of Marion's vengeance. convulsive effort! "Give me that paper! I want it."

regarding it still harder, in an attentive for he leved his profession. His eye fell casu- been. way. "My need is greater. This is odd ally on a spiritualist treatise. It was a wild -precious odd. I can't make it out. But | but learned book by a half-crazy Frenchman. you've been writing, it seems to me . . to Elsie Maturin."

gasped. "Oh, Selwyn," she cried, clasping from burying the dead to burning them. what he could mean. She knew he loved her hands, "I'm dying! I'm dying! Have Only by burning them, the author said, with her; she knew he wished to marry her; you no pity? Give it to me!"

strolled over slowly to his medicine chest, free from the material body. It had been and selecting a bottle and brush with seem- noticed in countries where burning still pre- stream Utterton paused for a moment and ing carelessness, smeared something dark in vailed that if any portions of a man's body plucked up heart of grace, without one broad washes across the face of the paper. remained unconsumed by the funeral fire word of warning to take her small hand in It was iodine liniment. The furrows in the his ghost was apt to reappear to survivors his and say abruptly with the directness of paper caught the coloring mattering at once lacking a hand or an arm, as the case might simple heart-felt passion, "Oh, Elsie, why and he could read the letter almost as easily be, and to beg pitcously for the liberation should we two fence and parry any longer? as if it were written in ink. "This is odd," of the missing member. Thus, at Masuli- I love you! You love me! My Elsie, will he repeated. "Very odd. You dug your patam in 1873-but Selwyn Utterton read you marry me?" pencil too deep; the page tells tales. I no further. Instead of that he flung down wonder you could write so, Marion, about the book by his side with a cry of horror. your own husband. You're a wonderful And well he might, indeed-for there on the thought reader! How on earth did you hearth before him a hideous sight stood re- I love you well. You know my answer. know I cared for that girl? 'For your own | vealed to him as clear as daylight. sake, Miss Maturin, not for mine, I write | Two severed feet stood close together on from my dying bed to put you on your | the tiles of the grate, inside the fender, as guard against Selwyn Utterton. He has | though they had stepped that minute out helped to kill me slowly by long neglect, of the glowing fire-place and supported an partly because he's tired of me, but partly invisible body above them. he tried to kill me.' That's not true, you small white feet. Two pale thin feet. pact !" know, Marion, the phthisical tendency's Distinct and clear, yet transparent and inhereditary in your family. 'He loves you tangible. They stood there and mocked now, and he'll love you for twelve months him. It was she who had outwitted him. been posted?"

a groan. "But it will be-it will be." sure. And she shan't go out of this house | themselves definitely visible. alive till she's given it up to me."

right in the bed and glared at him fiercely. | dared not move from the spot. He dared "Selwyn Utterton," she cried, in a very not speak or cry. Those spectral feet kept feet will follow you to your grave. They'll gazed blankly at them. dog you day and night. They'll never for one moment leave you or desert you."

like lead. Selwyn Utterton stepped across | tion for greater ease or comfort. But for and gazed at her sullenly. Her lips were the most part they simply sat and glowed black ; her eyes were vacant. He rang the and glared at him, as it were, from their bell for the nurse. "She's dead," he said, raw-cut edges. quietly. "She's been over-exerting herself again, and this is the consequence. Inter- He rose and moved in a maze to the door. | ted him. nal hemorrhage, of course-due to your The feet rose at the same moment and carelessness. Give me that letter she wrote. stepped across the room, foot by foot beside stuff than could be turned away from his You've got it in your pocket."

but facing him like a man. "It was her dodge them and shut them in behind him. dog him to his grave, he said to himself very last wish, You've killed her yourself. But the feet were too quick for him-those But you shan't have her letter."

won't I !" he cried, holding it aloft above his and covered his face in wild awe with the head for a second in triumph. "There are sheet and counterpane. But he could not any other lover.

Selwyn Utterton, though calmly callous for a cultivated man, was a profound believer in the supernatural in every day life.

So Marion's last words caused him for the | soul.

For the next two nights, in spite of his

ped high on her pillows, and gasping for up late by himself in the surgery, over a him. He opened them once more. The their attitude what the feet were driving at. whether she would live out the day till he | bed in the next room to Marion, while Mar- | blind a little moonlight penetrated into it. | the bed, with her arms clasped around her ed. Marion's feet, she had said, would fol- still, sitting patiently by the bedside, in the usual, nothing but the feet was visible. He rousing herself beyond her strength in a low him to the grave! Those small white attitude of one who was watching him dared not disturb them; he was cowed and final effort, "I can't die till I've written a feet! Those pale, thin feet! He hated closely. Marion had been as good as her terrified. These feet meant mischief. They line that's haunting me. Lift me higher them. He dreaded them. He would be even word. She was dogging him now, and she never would budge from the post they had just a minute, please ; give me a pencil and | with her yet; as he had been even with her | would always dog him. over the note of Elsie Maturin.

soul putting his very heart into it.

By-and-by he rose again, undid the parfound him sitting there still, nodding and

That day Marion's corpse was safely bur-"Hello!" he cried, with a start, looking | ied, and Selwyn Utterton breathed again. could but hobble around the world, and he

In the evening he sat by the surgery fire "Give me that paper Selwyn," she exclaim- once more a bachelor at large, relieved from

Just to while away the time, however, he took down from the shelf a medical book, "No, I won't," her husband answered, andskimmed it with interest for half an hour, The page he hit upon contained a vivid ac-Marion fell back upon the pillow and over the ideas of early men with the progress dogmatic conviction, could the inmost and The young man made no answer but most genuine ghost of things be finally set when he must see she loved him?

and then he'll tire of you. For heaven's Selwyn Utterton sat and gazed at them sake take my advice and have nothing to do in horror. As he looked the feet rose slowwith him!' Well, anyhow, you've put it ly, first one and then the other, and stepped plain enough, I must say! Has this letter | across the fender and moved toward the other arm-chair by the fire. One of them "No," the dying woman answered with | planted itself firmly on the ground, and the other hung in mid air inclined at an angle, Selwyn crumpled up the copy carelessly as if the leg to which it belonged was crossin his hand and flung it into the fire without | ed over its fellow. Some mysterious creathe faintest show of ill-temper. "It won't | ture seemed to be seated in the chair unseen, be," he said, slowly. " Nurse has it, I'm and only the feet appeared to have made

In an agony of alarm Selwyn Utterton sat With a sudden burst, his wife sat bolt up- there, horror struck till nearly eleven. He

But the feet sat on, and took no notice of him in any way. Now and again they un-She fell back upon the pillow with a fall crossed themselves, or changed their posi-

him. He turned out the gas and made hast-"I won't," the nurse said, trembling, ily for the passage. If possible he would no feet, he meant to marry Elsie. Let them slender, agile feet. They glided out as he less, as though he never perceived them. Selwyn Utterton stared sternly at her for passed, and waited in the hall to see where half a minute. He never opened his lips, he was next going. He turned to the stairs. fixed and Elsie's dress was made, and the but, taking two steps forward, he caught The feet trampled after him, one step at a guests were bidden, and all arangements both the nurse's hands in one of his own, and time, following close to his heels-just as were complete. twisted them painfully. With his other | Marion had promised. He bolted into his hand he made a sudden dive into her pocket | bedroom. The feet rushed in behind him. | by the fire-side. He sat quite alone. Strange unawares for the letter. "Oh! I won't, He flung himself on the bed, clothes and all, to say, for once, the feet had deserted him.

two opinions about that !" Then he flung rest so. After a few brief minutes of this it into the fire and watched it burn slowly. | unmanly panic he opened his eyes and look-

many hours on his bed, tortured by strange | the things meant to stop there he might as | so a terrible sight met his eyes indeed. For | The pair of words, "electrics" and doubts. Could Marion be standing as she well, first as last, get accustomed to facing the first time in their acquaintance the feet electrican, would thus be in analogy threatened, cold and white, by his bedside? | them. He rose with his eyes still firmly | had turned aggressive. fixed on those ghastly phantoms, and un- They were seated firmly-nay, doggedly, science from watching with interest those said, to his grave? Her feet-those white dressed slowly. And still they haunted him. resolutely-on the coat, so that he couldn't beautiful complications of typhoid and diph- feet, those pale, thin feet-would they dog | He turned out the gas and stepped into bed. | remove it without touching and displacing On the third night Selwyn Utterton sat | shut as before. Then curiosity overcame | He saw in a moment from the doggedness of smouldering fire. He was afraid to go to room was dark, but through the slit in the Somebody had planted herself all unseen on ion's body yet lay there cold and unattend- By that uncertain gloom he could see them knees, and her teeth clenched, though, as

After a night spent half in sleep, half in He moved across to the cabinet in the gazing between whiles at those pallid un- chair and sat opposite the feet, still staring corner and opened the door of it with some | complaining feet, Utterton rose and dressed | at them blankly. The feet stood still, and faint hesitation. Then he seemed to make himself and went down to breakfast. The stared back at him in defiance. His blood his mind up and selected from his instru- feetfollowed him downstairs-pitter-patter, ran cold. He stared, and stared, and The poor pale girl -for she was barely 24 | ment case, -a surgical knife and saw. For | pitter-patter-with a ghostly tread, but he | stared, and shivered. Vague terrors filled a moment he paused again; then he moved alone seemed to hear them or see them, or his soul, This was Nemesis, Nemesis! He to the door. He opened it softly and lis- notice them in any way. While he break- never could venture to wear that coat. He tened once more in the hall. All, all was fasted they sat at the easy chair by the never could creep into that cold bed again. silent. With a cat-like tread he began fire, warming themselves alternately, with He must sit up all night; and it was chilly lost property. It is driven by an electric mounting the stairs, a candle in one hand outstretched soles held up to the grate, for | weather. it was a very cold morning. When he finish-For ten minutes or more he was gone. ed they rose and shifted all noiselessly to sat there motionless. One o'clock struck, At the end of that time the door opened the opposite chair. He took the paper in his then two o'clock, three o'clock. About halfonce more, and Selwyn Utterton stole back | hand and pretended to read, but out of the | past three the feet grew slowly dim. He again, solemn, grim and cynical. Under corners of his eyes, he felt sure all the time was conscious of a cold chill that ran faint holding the white hands in hers, and strok- his arm he carried a small white paper par- the feet were still keeping close watch from down his spine, he was conscious of a nametheir place upon him. The feet followed less implacable terror. His eyes started He stirred up the embers and poked the him to the door and out into the street. It from his head, his brain swam vaguely. There was a minute's pause; then a fire into a blaze. Then he put on fresh coal, was a muddy morning and Selwyn Utterman's light foot echoed faintly on the stair. heaping it higher and higher. Bit by bit ton, looking close at the pavement, saw A gentle, soft foot as becomes a doctor. he built up a great bank of fuel, rising high | that the feet as they passed, left no mark upon the gray slush that flooded the flag-

> mounted behind him, one after another on the step of the brougham; muddy as it was, gazing with fixed eyes at a point in the with very high voltages and high periods

All that day, as he went on his rounds, lieved he had died some hours ago. the feet, unabashed, still followed him As soon as she was gone Selwyn Utterton grate with the poker, and laid the bundle the door while he knocked, and trooped ghost, folks guessed. But anyhow, it was it was found that potentials which perforafter him up the stairs, and sat expectant | certainly fear that killed him. by a chair at the patient's bedside. From

> Day by day this went on, and Selwyn [Grant Allen. Utterton at last grew almost accustomed to it. Hard, stern man that he was, he persisted in his own way; he wouldn't allow those spectral feet to turn him for one moment from his fixed purpose. Months rolled by and the period of decent mourning began to go past, and Utterton paid his court notwithstanding the feet, to Elsie Maturin. She was a tender, beautiful, simple-hearted girl, little Elsie, who had known hardly anything of Mrs. Utterton while she lived, and who was as innocent of all blame as Marion herself could have

One summer evening he met Elsie on the path across the fields after his work was done and walked home by her side, thrilling count of the change of opinion which came inwardly with pleasure. Elsie walked beside him, all tremulous, much wondering what on earth, then, made him hesitate

At last by the little foot-bridge over the

And Elsie holding his hand all trembling in hers, answered in quivering accents, with a rose-red face, "Mr. Utterton, you know What need for me to tell you?"

In a tumult of delight Selwyn Utterton stooped down and kissed her dainty, small hand with eager haste. They two were quite plone. He glanced up and down the path. There was nobody near. Her blush also because he wants to marry you. Oh, They were just two feet-no more-sawn was so tempting. Her lips were so red. trust me and refuse him. He never leved deftly across by surgical skill through flesh Dare he, oh, dare he? "Just this once, me-he married me for my money, and then and bone and a little above the ankle. Two Elsie," he murmured, "to seal our com-

And as he bent his head to kiss her he Why British Emigrants to Brazil Have saw close by upon the ground two pale, white feet, standing tip-toe, all intent, as of one who listened and strained every nerve

to hear what they two were saying together. Day by day, hour by hour, through that ill-omened courtship, those two white feet still pursued Selwyn Utterton, relentlessly, remorselessly. Time after time he sat with Elsie alone in the dusk of blind man's holiand whispering in her ear those fervent nothings that all lovers on earth for a thou- ing a commission for each emigrant engage sand centuries have whispered in vain-and | ed, they eventually registered any individchecked every word he spoke with sardonic titude of one who laughs a bitter laugh; terrible voice, " if you dare to do that my him riveted to his place. He just sat and sometimes of one who smiles cynical incredulity; sometimes of one who looks on at a poor girl's rain with pitying sympathy. turned towards Elsie they turned with inhis love in quiet. At every turn, as Marion or understand a word of the language. At 11 o'clock he could stand it no longer. had promised, they dogged him and outwit-

But Selwyn Utterton was made of sterner purpose by any ghostly phantom. Feet or

So at last the day of his wedding was

That evening Selwyn Utterton sat up late He sat and told himself day dreams like

room and turned on the gas and began to ed again. The feet sat patiently on the floor | undress himself. A new frock coat had by a chair at the bedside. They would sit come home for him to be married in-a there all night, he felt certain in his own | wedding garment of the most correct description. The housemaid, not to crumple Selwyn Utterton was no coward, in spite | it, had laid it upon the bed. Selwyn Utterof his love for occult science. He braced ton glanced at it, and was just going to hang himself up, and regarded them fixedly. If it up on a peg behind the door. As he did

For a minute or two he kept his eyes tight them. But they wouldn't be dispossessed. taken.

Slowly and mechanically he drew up

With his eyes still riveted on the feet he

before him. ed at the door they received no answer. The housemaid turned the handle and gave | years. He stepped into the carriage; the feet a loud scream of alarm. Selwyn Utterton sat bolt upright in a chair by the bedside, on oil as an insulator seem to prove that

Always a dabbler in the occult, the evi- the insulation, but that if the alternating while with me. You talk to her, nurse, Some of them smelt strong, and some hissed everywhere. As he stopped at each house dence before the coroner's inquest said. And waves are kept on for periods from a few and disturb her. You may go down for the faintly. After that he broke down the they got down from the brougham, with he died of terror his head was all full of seconds to half a minute, the oil may break bank of red hot coal, spread it abroad in the slow deliberateness, and stood waiting at strange ideas and beliefs. He had seen a down at last. Under certain circumstances,

And the doctor who conducted the post- failed to do so at a distance of 1-32nd of an ter with medical care, and then stood with on top, and arranged fresh lumps from the house to house they took to the brougham mortem observed, with interest, that two inch. again, and settled themselves down as if diseased spots were noticeable on either rethey belonged to a person sitting on the tina, spots with such a distribution that opposite seat with her back to the horses. they must certainly have shifted from point But all the time they remained cold and to point as he altered the focus of his eyes, white and rigid as ever-a pair of naked and he would no doubt produce during life bloodless little feet, corpse-like in their the distinct illusion of some vague white pallor, and cut visibly off just above the body or bodies in the foreground, perhaps with a faint halo or rose-pink extension .-

## O Tell Me, Is it Love.

I'm feeling very strange of late; All is not right I fear. My mind is approaching such a state "Twere mild to call it queer. It first began with writing verse, And seeking rhymes for "dove;"
But now it's daily growing worse—
O tell me, is it love?

I spend my fortune in perfumes;
My candy bill's immense.
I buy the rarest kind of blooms Regardless of expense,
I pose before the glass and smile
In every sort of way:
I turn and bow in every style— Now, is it love? O say!

To woman's charms so long quite proof,
Smiles, blushes, dimples, ail,
From each bright snare I held aloof,
And viewed my comrades fall.
Who would have dreamed that ever I Would keep a female glove. And blush and kiss it on the sly-O tell me, is it love?

I do not eat enough to keep A humming bird alive. They say I babble in my sleep Such noneyed thoughts I hive. Iknow I stammer when I speak; My hands are in my way, A certain doorstep makes me weak-Now, is it love? O say!

I used to laugh at stars and moons As only fit for "chaff." Now I go humming old love tunes And hardly ever laugh. I seek by night a vine wreathed house, And watch a light above, Then sneak away just like a mouse-O tell me, is it love?

Within my brain queer fancies come, And problems strange and new; How much will serve for two? And then anon I'm darkly sad, And then I'm wildly gay, O tell me, am I growing mad? Or is it love? O say! —[S. M. Peck.

## Failed.

The British Consul at Santos, in Brazil, in his last report gives a number of reasons for the failure and mistortunes of recent British emigrants to Brazil:—(1.) The Brazilian agents sent to recruit labour in Europe extended their operations to Great Britain, though instructed to confine them day holding her wee hand like a lover in his to Latin races. (2.) Though instructed to recruit agricultural labor only, and receivall the while that pair of silent ghostly | ual who said he was an agriculturist. (3.) watchers stood by or leaned forward and The bulk of the British emigrants engaged were consequently mill hands and people of approval. Sometimes they took up the at- no occupation from the manufacturing towns, who would have failed anywhere as agriculturists, even in a British colony. (4.) The emigrants were deceived and deceived themselves as to the nature of the work re-When they turned towards Utterton they | quired of them, the food they were to returned with defiant boldness; when they ceive, and the value of money in Brazil. (5) Their habits were totally unsuited to finite sadness and commiseration. Never for a tropical climate, so that many telt sick one moment did they leave him alone with at the outset. (6.) They could not speak

## Ditto.

"Lor, Mary, how I do love you," remarked a rustic to his sweetheart. "Ditto, John," she replied.

"Ditto," thought John ; "what does she more than once, he would go on none the mean by 'Ditto'?" And, not wishing to display his ignorance before Mary, he thought he would ask his father. So, seeing him in the garden when he reached home, he said :

> "Father, what's the meaning of 'ditto'?" "Oh! that's easy," said the old man. "You see this cabbage and that cabbage?" " Yes."

"Well, that's 'ditto.'" "Drat my Mary's head !" said John, "if

she haven't been and called me 'Cabbages.'"

About 12 o'clock he went up to his bed- ELECTRICAL PROGRESS IN BRIEF

The statue of Liberty in New York harbor is to have an electric torch of 100,000-c.p., the illumination heretofore having been derived from a 54,000-c.p. group of arc lights.

It is proposed, as the science of electricity has no name of its own, to call it "electrics." with optics and optician, mechanics and mechanician, mathematics and mathematician, and many others.

An endoscope-which is a small electric light-was recently made use of at the San Francisco City and County Hospital for illuminating the thoracic cavity of a patient, in which an incision had been made. The action of the heart and lungs was rendered visible to the surgeons, so that the operation intended was successfully performed.

It was reported by the Associated Press recently that James Grant, of Chicago, was killed by electricity while holding a telephone receiver to his ear. Later reports show that the man did not receive any shock, and that his death, which occurred three days later, was the result of natural causes in his own system.

It is stated that a novel kind of submarine boat has been launched at Savona by an Italian engineer, Signor Abbatti. The boat is designed for fishing and recovering screw, and is capable of remaining under water, for six hours at a depth of 330ft. A first trip is to be made shortly from Civita-Vecchia.

Some observations recently published demonstrate the frequent existence of electric earth currents sufficiently strong, in some instances, to operate telegraphic instruments. One instance was mentioned of a The feet and the world seemed to fade negative current with E. M. F. of about 13 volts, as shown on the volt-meter. In an-Next morning when the servants knock- other instance a negative current of 15 volts has existed with little fluctuation for five

The experiments of Prof. Elihu Thomson was stark and stiff. The rival doctor be- be desired. It appears that momentary contacts are not sufficient to break down ated oil at a distance of 8ths of an inch,

> A merchant in Wilmington has hit upon a curious way of advertising. In his show window there is a glass case in which is a pivoted Crocker-Wheeler motor with a fan, and about two pounds of feathers. When the motor is in operation it revolves completely around a circle, throwing a strong current of air and causing the feathers to fly around in all directions. The crowd about the window is so great that it requires two policemen to keep them away, and as a natural result the dealer is growing rich from his sales of motors.

> The buoys in Gedney's Channel, at the entrance to New York harbor, are supposed to be the only ones in the world lighted by electricity. They have now been in use since 1888, and mark a channel 1,000 feet wide and 6,000 feet long. Up to 1888 the channel was practically closed at night, but owing to the great increase in the size, number, and draught of ocean steamers frequenting the port, the Government determined to try this lane of lighted buoys. The channel has a depth of thirty feet at mean low water, and now vessels of the largest burthen can go and come at any hour of the day and night. The cases of the lamps have to be of thick glass protected by heavy bars and ribs of iron and brass. The filaments of the incandescent lamps are made extra thick to withstand shocks, and each lamp has three of the little carbon loops in

> Mr. Hartridge, surgeon to the Westminister Ophthalmic Hospital, London, has beendevoting himself to the examination of the various forms of artificial illuminations, and their effects on the eyes, and he has come to the conclusion that the electric incandescence light—which he carefully distinguishes from the powerful arc light-possesses advantages that no other illuminant can claim. Mr. Hartridge takes good and sufficient sunlight to be the standard of illumination best suited to our eyes, and shows by analysis that the incandescence electric light comes nearest to it, -combining moreover, the maximum of illumination with the minimum of heat, with no products of combustion. He says that in all cases the apartment lights should be shaded, either by having the glasses containing the light, cut or ground, or by covering them with some thin material.

> It is shown by Professor Langley that our best sources of light are surpassed by nature in one very important respect; namely, the production of light accompanied by heat. Thus, of the energy supplied by gas and oil for lighting purposes, much more than ninety-nine per cent. is given out in heat-while even in the electric arc light ninety-nine per cent. is waste, and in the incandescent lamp ninety-five per cent. The insect world is much more economical: the most careful measurements made with the delicate bolometer fail to show any sensible heat in the light of the firefly; and it is argued that there is no reason why nature should not be successfully imitated in this respect. It is stated that Professor Hertz hopes to devise a method of obtaining better results than at present are produced by ordinary means, in getting electrical vibrations similar in every respect to those of light, but of greater wave length. By modifying his original apparatus, he had some prospect of producing waves so much shorter that all of them will be luminous-in other words, of developing a new source of light without heat, -a result which, if successful, will be an entirely new mod e of illumination.

> > The Way to be Happy. A hermit there was Who lived in a grot, And the way to be happy They said he had got -As I wanted to learn it I went to his cell,

And this answer he gave, As I asked him to tell. 'Tis being and doing And saving that make All the highest of pleasures That mortals partake— To be what God teaches, To do what is best And to have a good hears, Is the way to be blook