

scientific miscellany.
Death, in our view, takes place when the action of the heart ceases, but to the Chinese a person is alive until the body becomes cold. These two beliefs may cause estimates of the time of death of any individual to differ by several hours, which difference has given rise to some very unsatisfactory evidence at inquests in Hong Kong, the Chinese idea having been unknown to Europeans until very recently.

The suicide of the scorpion has been a much-discussed topic. The statement is well attested that a scorpion enclosed in a ring of red-hot embers will, after futile attempts to escape, kill itself by thrusting its sting into its own head. In spite of corroborating testimony this assertion is often doubted, but a recent observation by Prof. Sankster seems to establish its probability. Having occasion to chloroform a scorpion he noticed that as soon as it began to feel the effects of the stupefying vapor it made repeated thrusts with its sting in a straight-forward direction, but these blows became gradually so ill-directed and uncertain that at last one caused the tip of the sting to touch the insects body. In this case the skin was not penetrated, but it is easy to believe that occasionally such a misdirected blow on the part of a half-stupefied scorpion may have been seen to inflict a mortal wound upon the scorpion itself.

The researches of Messrs. Richet and Roudan indicate that artificial respiration may be a valuable agent in the resuscitation of persons who have been exposed to cold until life is nearly extinct.

It is asserted by Dr. Merkel that a person's height after a night's rest is two inches greater than in the evening, measured standing. On first rising, a sudden shortening takes place at the joints of the legs. The sinking at the ankle is one-third of an inch; at the knee, one-twelfth to one-eighth of an inch; at the hip, two-fifths of an inch. The contraction in height is continued through the day by the gradual yielding of the arches of the feet and of the discs of the spine.

Mons. Spring, of the Belgian Academy of Sciences, takes exception to the generally received view that the seat of the electricity of storms is in the moist region of the atmosphere, and concludes that it exists in the cold and dry super-stratum.

Dr. Franzius finds that the tooth most often affected by decay is the third molar, such cases forming one-half of the total number. The teeth begin to decay in a certain successive order, the lower third molar being first attacked, then the upper, then the lower fourth molar, and so on, the incisors and the canine teeth of the lower jaw being the last reached. The upper teeth are more durable than the lower in the proportion of three to two. The right teeth show a greater vitality than the left. The durability of teeth is less in light persons than in dark, and less in tall than in short persons. These results were obtained by an examination of 650 Russian soldiers, of whom 258 had unsound teeth.

The tide records of government surveyors of British India, covering a period of twenty-three years, indicate the existence of a fortnightly tide under the influence of the moon.

Mons. Pasteur has gained fresh laurels by an investigation of a disease of pigs known as *rouget* or *mal rouge*, which in one valley of the Rhone has been fatal to 20,000 of the animals within a year. The investigators has reported to the French Academy of Science to be a minute organism, somewhat like that of chicken cholera. It is different, however, in its physiological properties since it produces no effect upon fowls but is quickly fatal to rabbits and pigs. Experiments have satisfied Mons. Pasteur that one attack affords protection against another, and by inoculating pigs with organism weakened by culture so as to give rise to a mild form of the disease he has succeeded in rendering the animals secure from further liability to the contagion.

Middle-aged prejudice is severe against plum-pudding, but the London *Lancet* pronounces it a highly-efficient food, and declares that a wedge of cold plum pudding is not an unwholesome lunch for young and growing lads when out for a day's hunting or skating. Elderly people too, are often able to partake of this ingredient of Christmas cheer in a manner which amazes their middle-aged relations. The fact is, as has

been pointed out by Prof. Michael Foster, the digestive elements are long preserved, so that a man who is in the prime of his manhood, was a martyr to dyspepsia by reason of the sensitiveness of his gastric nerves, in his later years, when his nerves are blunted, and when, therefore, his peptic cells are able to pursue their chemical work undisturbed by nervous worries, eats and drinks with the courage and success of a boy.

CAUSE FOR APPREHENSION.

Why Mysterious Physical Troubles Arouse Special Dread—A Professional Experience.
Few things give more pain than dread or apprehension. Most people are able to face apparent danger heroically, but the sudden and unexpected coming of some indefinite calamity very naturally strikes terror to even the bravest. For this reason lightning and tornadoes are considered terrible; their coming and going are so sudden, unannounced and unknown. For this same reason an unknown disease, some poison in the blood, some malady that is gradually undermining the life, is especially dreaded by all thinking people. And, indeed, there are good reasons for such dread, for modern sciences has discovered that some virulent disorders show the least signs in their beginnings, while they have the worst possible symptoms. We know of many persons who have dull and uncertain pains in various portions of the body; who are un-naturally tired one day and apparently well the next; who have an enormous appetite at times and a loathing of food soon thereafter. Such persons are really in a dangerous condition, even though they may not realize it. The following statement of a most prominent physician, who has had unusual opportunities for investigation, is of so striking and important a nature that it will be read with interest by all:

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Office: No. 27 1/2 West Eighth Street,
O. Anderson, M. D., Superintendent.
Cincinnati, O. Dec. 2, 1882.

Measur Editors:
I have, during my professional career of many years' practice, treated a large number of various disorders, of which, perhaps, none have given me more trouble than the mysterious disease known as acute nephritis; and while it may seem strange, it is nevertheless, true, that the physician is generally greatly annoyed by this mysterious trouble, especially when the case is of hereditary origin. It is, doubtless, the first stage of the well-known, but terrible Bright's disease, as the kidneys contain large quantities of albumen; and while children and young people are especially liable to its attacks, it is prevalent with all classes, and usually continues until late in life.

One obstinate case which came under my observation, was that of a fireman of this city who applied to me for treatment. The case was diagnosed parenchymatous nephritis. The man was twenty-four years of age; plethoric and light complected. He stated that he had suffered from urinary troubles from childhood, and that he had "doctored" a hundred times, each time improving some; after which, in a short while, he would relapse into his former state of misery. I prescribed the usual therapeutics known to the profession with the same result that my colleagues had obtained. He got better for a while and then worse again; in fact, so bad that he had to lay off for some time. He suffered intense pain; so much so that I confess I had to resort to hypodermic injections of morphia. My druggist who knew how disgusted I was with the case, although not willing to remedy the man, advised me to try a desent from which he (the druggist) himself had derived great benefit. As a drowning man catches at a straw, I prescribed this remedy, not letting my patient, however, know what I was giving him; and, although not a believer in nor a patron of "patent medicines," I must confess that after my fireman had taken one bottle he grew much better. I made him continue its use for a period of two months, with the most gratifying results; it really worked wonders and he owes his cure and present perfect health solely to the power of Warner's Safe Kidney and Liver Cure, the remedy which I prescribed, and he used.

Since the recovery of the man above mentioned, I have given considerable thought to the subject of

acute nephritis, or kidney difficulty, and find that its manifestations are most remarkable. It often appears without any special symptoms of its own, or possibly as a sequel to some other disease. It may be a sequel to scarlatina, diphtheria, and other illnesses, and even arise from pregnancy. The first symptoms frequently show themselves in the form of high, fierce and intense pains in the lumbar region, "the small of the back," troublesome micturitions and frequent changes in the color of the urine which at times diminishes perceptibly. If the urine is entirely suppressed, the case, probably, will terminate fatally in a very few days. Dropsy is a consequence of the suppression of urine, and the severeness of it is governed by the proportion of retention. The nervous system becomes prostrated with subsequent convulsions and irregular circulation of the blood, which in my estimation, eventually might cause a diseased heart to give out. As I have remarked, in many kidney diseases—yes, even in Bright's disease itself—there is no perceptible pain in the back, and these troubles often assert themselves in various symptoms—for instance, in troublesome diarrhoea, blood poison, impaired eyesight, nausea, loss of appetite, disordered digestion, loss of consciousness, husky voice and many other complaints too numerous to mention. Indeed thousands of people are suffering from the first stages of Bright's disease to-day, and they do not know it.

In conclusion, I would like to state that I have, since my success with the fireman, repeatedly prescribed Warner's Safe Kidney and Liver Cure, and if my professional brethren could only be brought so far as to overcome their prejudice against proprietary medicines they would, undoubtedly, find themselves recompensed for their supposed sacrifice of liberty, as well as by the great benefits that would accrue to the world.

Most sincerely,
O. ANDERSON, M. D.
Superintendent.

Being Neighborly.
He was a small boy, with dirt on his nose and a faded straw hat on his head, and feet so long unwashed that it was hard to tell where his toe nails were located. He walked boldly up the steps, pulled the bell, and when the lady came to the door, he said:—"Say, can you lend me your telephone for a few minutes?"
"Why, I can't," she gasped out.
"We'll bring it back in half an hour."
"But I can't lend it child. You don't seem to know what a telephone is. Who are you?"
"We live around the corner—just moved in, and we want to be neighborly. I tried to borrow your wheelbarrow and shovel, but your boy wouldn't lend 'em, and our hired girl has been over to borrow tea and sugar and couldn't get any. We kinder thought we might borrow your telephone or something, and ma would bring it back and get a chance to see your style and ask you to run right in with your old clothes on!"

NERVOUS DEBILITY.
A Sure Cure Guaranteed.
R. E. C. WEST'S NERVE AND BRAIN TREATMENT, a specific for Hysteria, Business Convulsions, Nervous Headache, Mental Depression, Loss of Memory, Spasmodic Impediment, Involuntary emissions, premature old age, caused by over-exertion, self-abuse or over-indulgence, which leads to misery, decay and death. One box will cure recent cases. Each box contains one month's treatment; one dollar also, or six boxes for five dollars; sent by mail prepaid on receipt of price. We guarantee six boxes to cure any case. With each order received by us for six boxes, accompanied with five dollars, we will send the purchaser our written guarantee to return the money if the treatment does not effect a cure. Guarantees issued only by
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Real Estate for Sale.
Will sell a farm of 478 acres for less than \$18,000 per acre, being one of the cheapest and best farms in the county, situated 4 miles west of Monroe, 1 1/2 miles from a good school, in one of the best neighborhoods in the state with church, privileges handy. About 120 acres in cultivation, and over 400 can be cultivated. All under fence, with good two story frame house, large barn and orchard; has running water the year around, and is well suited for stock and dairy purposes. This is one of the cheapest farms in the Willamette Valley.
Also, two improved lots on the main business street with small stable, woodshed and a good, comfortable dwelling house containing seven good rooms. These lots are nicely situated for any kind of business purposes.
A valuable farm all under fence only 2 1/2 miles from Corvallis of 150 acres, 80 acres now in cultivation, the balance of it can be cultivated; about 20 of it now in wheat with a fair house good barn and granary. Will be sold at a bargain.
Two unimproved lots in Corvallis Or. One of the choicest building places in the city for sale reasonable.
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For further information enquire at the GAZETTE Office.
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FOR DYSPEPSIA and Liver complaint, you have a printed guarantee on every bottle of Shiloh's Vitalize. It never fails to cure. Sold by T. Graham, 1882.
A SCALD INJECTOR free with each bottle of Shiloh's Catarrh Remedy. Price 50 cents. Sold at T. Graham's.
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SHILOH'S COUGH and consumption cure is sold by us on guarantee. It cures consumption, sold by Graham.

TEMPERANCE COLUMN.
Edited by the Ladies of the W. C. T. U. of Corvallis.

The Good Time Coming.
'Tis coming up the steep of time,
And this old world is growing brighter;
We yet may see the dawn sublime,
And high hopes make the heart thro' lighter
Some will be sleeping in the ground,
When it awakes the world in wonder,
But we have felt the booming sound,
And heard his voice of living thunder—
'Tis coming, yes, 'tis coming!

A Word to Young Ladies.
BY MARY E. BALDWIN.
"Oh, he does not drink; he only takes a glass now and then," I heard a young lady say this of a young man who, I knew, had taken his first steps towards a drunkard's doom.

I have so many times since I heard the bright and careless speech, thought of the deep import that may be given to those words "now and then."
Now, he takes a glass, and it seems to make no difference with the tones of his voice, or the fascinating manner; then—in the future—the voice will be husky and in the manner disgusting.
Now, the glass does not alter the erect form, nor change the perfect fit of the garments; then, it will make him a poor staggering outcast. Now, after he has taken the glass he may claim a warm greeting from a confiding, trusting girl; then, the wife will tremble at his approach, and shudder at the thought of his embrace.
Oh, girls, stop and think! Try to realize the gulf between the now and then to one who gives her life to the keeping of the young man who takes a glass of liquor!

What Beer Drunkard Swallows.
By Prof. Geo. E. Foster.
The beer or spirit drinker is wont to look with ill concealed contempt upon the simple water drinker, and as he tosses off the glass he has just paid his money for, imagines he has swallowed something far better and performed an act far more sensible. Yet if he would stop but for a moment to ask what he has just taken, he might think quite differently. Let us see. A barrel of beer contains about 500 glasses. The seller gives about \$8 for it, and sell it for 5 cents per glass, or \$25. His profit is 215 per cent. The drinker drops in ten times per day and takes his glass of beer; in fifty days he has consumed the 500 glasses and paid \$25 therefor.

What has he swallowed? Scientific men say that: in the 500 glasses of beer there were 460 glasses of mere water, 25 glasses of pure alcohol, 15 glasses of extracts and gums. So the beer drinker has paid \$23 for 460 glasses of water, and impure at that, which he could have had from the nearest spring for nothing, and pure as nature made it. He had, in addition, 25 glasses of pure alcohol, which is a poison—at enmity with every function of the system, no food nor a heat producer. And besides all this he has taken 15 glasses of extract of malt, sugary matter, indigestible gums, etc., etc.
Surely there is no absurdity so absurd. To pay \$23 for 460 glasses of impure water, when he could have it pure for nothing, and \$2 for 40 glasses of poison, and mostly indigestible drugs! But it pays the brewer and saloon-keeper to sell water at 215 per cent advance on all their trouble of barreling and bottling it.

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Rev. J. Bowman, Pastor.
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Scientific men now all admit that most diseases are caused by disordered Kidneys or Liver, and that if these great organs are kept in a perfect condition, health will be the result. WARNER'S SAFE KIDNEY AND LIVER CURE
Is made from a Simple Tropical Leaf OF RARE VALUE,
And is a POSITIVE Remedy for the following Troubles:
Pain in the Back, Stiffness of Headaches; Dizziness, Blotting, Inflamed Eyes; A Tired Feeling; Night Sweats;
Pains in the Lower Part of the Body; Palpitation of the Heart; Jaundice; Gravel; Painful Urination; Malarial Fever; Fever and Ague;
And all diseases caused by the Kidneys, Liver or Urinary Organs being out of order.
It is a SAFE and CERTAIN cure for all Female difficulties, such as
Leucorrhoea; Inflammation of the Womb; Falling of the Womb; Uteration
It will control and regulate Menstruation, and is an excellent and safe remedy for females during pregnancy.
As a Blood Purifier it is unequalled, for it cures the organs that MAKE the blood. For
di; Carbuncles; Scrofula; White Swelling; Salt Rheum; Piles; Hemorrhoids; or any other Drug.
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It is a safe, sure and quick Cure.
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CHEMICAL ANALYSIS:
S. A. LATTIMORE, Ph. D., L. D., Professor of Chemistry in the University of Rochester, N. Y., has analyzed the popularity and merit of Warner's Safe Kidney and Liver Cure, after a thorough Chemical Analysis, has furnished the following statement:
UNIVERSITY OF ROCHESTER,
Rochester, N. Y., Jan. 8, 1880.
Mr. H. Warner has placed in my possession the formula of the medicine manufactured and sold by him under the general designation of WARNER'S SAFE KIDNEY AND LIVER CURE. I have investigated his processes of manufacture, which are conducted with extreme care and according to the best methods. I have also taken from his laboratory samples of all the materials used in the preparation of this medicine, and upon critical examination I find them, as well as the medicine into which they enter, to be entirely free from poisonous or deleterious substances.
This Remedy which has done such wonders, is put up in the LARGEST SIZED BOTTLE of any medicine upon the Market, and is sold by Druggists and all dealers at \$1.25 per bottle. For Diabetes enquire for WARNER'S SAFE DIABETES CURE. It is a POSITIVE Remedy.
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