SCIENTIFIC SCRAPS.

Glaciers, the ice rivers of lofty mountains, have been found to move downward from one or two mehes to fifty a day; from ten to twenty inches a day in summer being most common. The rate in winter is about half that of sum-

A Hanoverian physician, Dr. Brandis, has found reason for believing that malaria is checked by growths of anacharis alsinastrum, a somewhat troublesome water-plant from Canada, and he recommends the introduction of this plant into marshy districts.

The French Academy of Sciences has been bequeathed the entire fortune of Madame Pinsen, of Mons, for the purpose of founding a prize, to be awarded every five years, for the best work on political economy especially adapted for the working classes.

It is estimated that the varied machinery of Great Britain now operated by steam power is capable of performing more work, and hence producing more products, than could be effected by the labor of 400,000,000 able-bodied men, agreater number than all the workingmen on earth.

A new material for unsinkable apparel has been tested with success in London. This material is composed of threads of cork interwoven with cotton, silk or woolen-machinery which slices the which are made in this manner have the same appearance as ordinary clothing, and possess remarkable buoyancy in

The earth's internal heat is now being forced into practical service at Pesth, where the deepest artesian well in the world is being sunk to supply hot water for public baths and other purposes. A depth of 3120 feet has been reached, and the well supplies daily 176,000 gallons of water heated to 158 degress Fahrenheit. The boring is to be continued until the temperature of the water is raised to 176 degrees.

In the Swiss village of Meyrin some disused wells have been hermetically sealed to serve as barometers. On a fall of atmospheric pressure, air escapes through a small hole in the well-cover, blowing a whistle. and thus giving warning of a coming storm; but when the outside pressure is increasing, the air being forced into the well causes a different sound, and announces the probability of fine weather.

Near Milan, Mich., there were exhumed the other day, the bones of a Luge mastadon, which lay seemingly wedged in between two tamarack logs. The measurements taken of the large bones are as follows: One part of tusk broken, 52 inches long, 14 inches in circumference; femur, 40 inches long; two bones of the hind leg, 54 inches long; short ribs, laid out from segment of vertebra, 46 inches, apart, 84 inches long; a tooth 12 1-4 inches across the top, 3 1-2 inches wide, 7 inches deep.

A Monster Alaskan Glacier.

Heading for Glacier Bay we found a flood of bitter cold water so filled with floating ice that it was quite impossible to avoid frequent collisions with masses of more or less magnitude. There was an almost continual thumping along the ship's side as the paddle struck heavily the ice fragments which we found it impossible to avoid. There was also a dull reverberation as of distant thunder that rolled over the sea to us, and when we learned that this was the crackling of the ice packs in the gorges we thought with increasing solemnity of the majesty of the spectacle we were about to witness. Thus we pushed forward bravely toward an ice wall that stretched across the top of the bay from one high shore to the other. This wall of ice, a precipitous bluff or palisade, is computed to ba from 200 too 500 feet in height. It is certainly nowhere less than 200 feet, but most of it is far nearer 500 feet above sea level, rising directly out of it, overhanging it and chilling the air perceptibly. Picking our way to within a safe distance of the glacier, we cast anchor, and were free to go our ways for a whole glorious day. According to Professor John Muir-for whom the glacier is deservedly named—the ice wall measures three miles across the front. Ten miles further back it is ten miles in breadth. Sixteen tributary glaciers unite to form the one .- San Francisco Chronicle.

Balls That Hit in Battle.

The question has often been raised what proportion of balls exchanged by hostile armies will hit their mark and kill? Difficult as it is to : o've it exactly, some approximate result may be arrived at from the number of balls-estimated at 20,000,000-which were fired by the Germans in the war of 1870-71. The French army lost, in dead and wounded, about 140,000 men. According to this, only one ball out of 143 fired hit its mar, and, assuming that on an average only 1 man out of 7 hit was actually killed, it would seem that only one rifle ball in 858 proved fatal. If it is further considered that the number of men wounded and killed by the guns of the artillery are included in the above estimate, it may safely be said that not over one

ITEMS OF INTEREST.

Dakota people do not see any good reason why the Milwaukee railroad should charge only 3 cents a mile in the States all about and 4 in Dakota

William Tough, in Walsh county, Dak., seems to be rightly named. He is reported to have decamped recently with a Mrs. Sanderson and her two small sons, taking seven head of horses and a wagon and harness they did not own. A reward of \$100 is offered for them.

There are two so-called black districts, one in South (arolina, represented in Congress by Robert Smalls, the famous negro pilot of Fort Sumter memory; the other in North Carolina, represented by James F. O'Hara, a bright, well-educated mulatto, a native of New York City.

Several weeks ago Mrs. Guerry, of Sumter county, Ga., dreamed that her husband, long dead, had appeared to her and said: "Rhoda, I have not her and said: "Rhoda, I h come for you now, but in four weeks from to-night I will come for you." Exactly four weeks from that night Mrs. Guerry fell ill, and it is said that the chances of her recovery are very slight.

There is pretty good evidence that Mrs. Celia Monroe, a co'orad woman who died in Kansas City a few days ago, was 125 years old. She was the mother of 16 children, the four youngest of whom are living at the ages of 74, 63, 56 and 50 years. Her second husband died 50 years ago. A week before she died she was around the house sweep-

Quails are almost unknown in Dakota, and some of the gun clubs are trying to introduce them. The Kimbal Graphic woolen—machinery which slices the notes as a remarkable freak that eight cork to the required thinness forming of the little birds alighted on the sides part of the invention. The garments walk in the business part of the city which are made in this manner have the ered strangers to the country, or the street was one of those noted sometimes, where the merchants do not ad-

> Mr. Arthur Shurtleff, Parker, Dakota, writes that he suffered for two years with a lame knee, which was entirely cured by the use of St. Jacobs Oil. He considers it a most wonderful remedy. It conquers pain.

Miss Lens Fairbanks, a maiden of thirteen summers, has been sentenced to two years imprisonment in a Michigan jail for horse stealing.

Mr. L. D. Vinson, Cashier D. & I. R. R., has tried and endorses Red Star Cough Cure. Deputy Mayor Berlin sent Mike Harring-

ton to the work house for 31 days. General J. H. Van Alen's estate proves to have the value or \$1,950,000.

Nellie Grant will visit her mother again,

Expresses His Grantitude.—Albert A. Larson, of Kirkman, Ia., writes to the proprietors of Allen's Lung Balsam: "I firmly believe my wife would have died of consumption, if not for the timely use of your Balsam." Price 25c., toc. and \$1 per bottle, at Druggists.

400 000 Subscribers. If we gave a column to The Youth's Companion Announcement, we could scarcely enumerate the attractions it promises for its sixty-first volume. We are not surprised that The Companion has nearly 400,000 subscribers when we see how it provides something of interest for every memoer of the family, The Companion is published weekly, and fully illustrated, Its subscription price is \$1.75 a year, which, if sent now, will pay for the paper to January, 1888,

A Case Net Beyond Help.

Dr. M. H. Hinsdale, Kewanee, Ill., advises us of a remarkable cure of Consumption: He says: "A neighbor's wife was attacked with violent lung dis ease and pronoun:ed beyond help from Quick Consumption. As a last respit the family was persualed to try Dr. Wm. Hall's Balsam For The Lungs. To the astonishment of all, by the time she had used one half dozen bottles she was about the house doing her own work. I saw her at her work and her ing her own work. I sawher at her worst and had no idea the could recover."

STRAIGHTEN your old boots and shoes with Lyon's Heel Stiffeners, and wear them again,

A superior hair dressing. Always safe and beneficial to use. Hall's Hair Renewer,
The dangers of croup may be averted by using Ayer's Cherry Pectoral.

BROWN'S IRON**BITTERS** WILL CURE

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TROUBLES FOR SALE BY ALL DRUGGISTS The Genuine has Trade Mark and crossed Red TAKE NO OTHER.

CENTS CENTS Croup Cough

REMEDY AS AN EXPECTORANT IT HAS NO EQUAL. It Contains no Opium in Any Form.
ALLEN'S LUNG BALSAM in Three Size
Bottles, Price 25 Cents, 50 Cents and \$1 Per Bottle.
The 25-Cent Bottles are put up for the accommodation
of all who desire simply a Cough or Croup Remedy,
Those desiring a remedy for CONSUMPTION or any
LUNG DISEASE should secure the large \$1 bottles.

Price, 25c., 50c. and \$1 per Bottle. rifle ball in 1,000 fired proves to be fatal. | SOLD BY ALL MEDICINE DEALERS.

A DESPERATE ENCOUNTER.

Elljah Cook's Terrible Experience Given for the Benefit of Others -- Living Wit-The following graphic description will be

read with interest by all: "DEAR SIR-Any one who has ever felt a faintness at the pit of the stomach, loss of appetite, nervousness, sleeplessness, dull headaches or strange pains through the back can understand the condition I was in two years ago. thought I could readily throw these things off, but they kept returning. Consequently I grew worse every day until last spring, when I sent for a physician.

He said I had a fever. I told him what con-

dition I was in with my water. At first he would take some of my urine home and an-

alyze it.

The next day he came and said there was some difficulty with my kidneys. My sickness continued until my urine was a sight to behold.

some difficulty with my kidneys. My sickness continued until my urine was a sight to behold.

Another physician was called. He pronounced it Bright's disease of the kidneys, and said there was no cure for it. He did all he could, but to no effect. I then tried every remedy I could hear of. The PAIN WAS SO SEVERE THAT IT SEEMED I MUST DIE. I saw a newspaper alvertisement of Dr. Kilner's Swamp-Root, and sent eight miles to get the medicine. When I had used one bottle, it cleared my water so there was no sediment in the bottom of the vessel. I continued taking the medicine and kept gaininz. I have taken eight bottles in all and consider myself to-day as well as ever, and can now do as much labor as any man of my age. While talking with our druggist a few days ago about my case, he said he was seiling a great deal of Dr. Kilmer's Swamp-Root and that he had neversold a Medicine that gave as much sawstaction.

Oh! I often think how much suffering I might have avoided, both night and day, if I had only taken your medicines when I first felt my kidney troubles coming on,

Yours with test ect.

P. S.—This will be of greatbenefit to others, and you may publish it. You need not take my word alone, for I can give you the following references:

Simeon Lipe, H. Clapper, R. S. Taber, C. O. Pierce, H. J. Warner, D. D. Pickett.

All of Charl tiville, Schoharie Co., N. Y."

The above testimony is only a fair illustration of letters received daly showing the wonderful results attending the use of Dr. Kilmer's Swamp Root, Kidney, Liver and Blad er Cure. Sold by Druggists. Price \$1.00—6 bottles, \$5. If your druggest does not sell it end to Dr. Kilmer & Co.

BINGHAMTON, N. Y.

Can Consumption be Cured?

We have so often seen fatal results follow

Can Consumption be Cured? We have so often seen fatal results follow the declaration that it can be cured, that we have unconsciously settled down in the belief that this disease must necessarily prove fatal. It is true that occasionally a community has witnessed an isolated case of what may appropriately be termed spontaneous recovery, but to what combination of favorable circumstances this re-ult was due none have hitherto

been found able to determine. We have now the gratifying fact to announce that the process by which nature effects this wonderful change is no longer a mystery to the medical profession, and that the changes brought about in the system under favorable circumstances by intrinsic causes may be made is certainty and more expeditiously by the use of the proper remedy. In other words, nature is imitated and assisted.

Tuberculous matter is nothing more or less than nourishment imperfectly organized. Now, if we can procure the organization of this food material so that through the process of elective affinity it may take its place in the system, we can cure the disease. This is just what Piso's Cure for Consumption does. It arrests at once the progress of the disease by preventing the further supply of tuberculous

preventing the further supply of tuberculous matter, for while the system is under its influence all nourishment is organized and assimilated. It thus controls cough, expectoration, night-sweats, hectic fover, and all other characteristic symptoms of Consumption.

Many physicians are now using this medicine, and all write that it comes fully up to its recommendations and makes Consumption one of the diseases they can readily cure.

The forming stage of a disease is always the most auspicious for treatment. This fact should induce persons to resort to the use of Piso's Cure when the cough is first not'ced, whether it has a consumptive diathesis for its cause or not, for this remedy cures all kinds of coughs with unequalled facility and promptness. In coughs from a simple coid, two or three doses of the medicine have been found sufficient to remove the trouble. So in all diseases of the throat and lungs, with symptoms simulating those of Consumption, Piso's Cure is the only infailible remedy.

The following letter recommending Piso's Cure for Consumption, is a fair sample of the certificates received daily by the proprietor of this med.cine:

ALBION, N. Y., Dec. 29, 1885.

I had a terrible Cough, and two physicians

ALBION, N. Y., Dec. 29, 1885.

I had a terrible Cough, and two physicians said I would never get well. I then went to a drug store and asked for a good cough medicine. The druggist gave me Piso's Cure, and it has done me more good than any thing I ever used. I do not believe I could live without it.

LEONORA VERMILYEA.

Durham, N. C., is another Southern town which has had phenomenal growth. In 1870 its population was only 250; now it has a population of 5,500, with 2,000 or 6,000 just outside the corporate limits. The property assessed for taxation in 1870 amounted to \$50,000; it is now \$3,-500,000. The amount assessed in manufactures in 1870 was \$25,000; now \$2,-250,000. The retail trade of merchants in 1885 was \$950,000; wholesale, \$200, . 000; cotion and fertilizers, \$250,000. There are two banks, with resource of \$800,0:0. There are 20 odd tobacco factories in successful operation, with an annual value of products amounting to more than \$3,000,000. In addition there is a large cotton factory of 6,000 spindles, and a woodenmill turning out thousands of shuttles, bobbins and other necessary art cles. There are employed in the above factories alone about 1,100 whites and 500 blacks. A contract has been awarded for water works, and there are electric lights on all the princi-

N. E. O. NORMAL SCHOOL, Canfield at any time. Board and tuition, \$25 per Term. TELECRAPHY Learn here and earn

If you have numbness in arms and limbs, heart skips beats, thumps or flutters, or you are nervous and irritable—in danger of shock— Dr. Kilmer's OCEAN-WEED regulates, relieves,

for your labor and more can be carned in a short time if you at once we to Hallett & Co., Port, and, Maine, for information about work which you can do and live at home, whatever your locality, at a profit of from \$5 to \$25 and upwards dairy. Some have made over \$50 in a day. All is new. Hallett & Co. will start you. Capital not required. All ages. Both sexes. All particulars free. Those who are wise will write at once and learn for themselves. Soug little fortunes await every worker.

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

Is a complaint which affects nearly everybody more or less. It originates in in pure blood, and is a gravated by taking cold. Di agreeable flow from the nose, tickling in the throat, offensive breath, pain over and between the eyes, ringing and bursting noises in the ear-, are the more common symptoms. Catarrh is cured by Hood's Sarsaparilla, which strikes directly at the cause by removing all impuri-

"I had catarrh nine years, and suffered terrib'y with it. Soon after I began to take Hood's Sarsapa-paril a the catarrh troubled me less, ind after tak-ing three bottles I was entirely cured."—JANE HINEY, Lumberton, Clinton County, Ohlo.

"I have taken Hood's Sarsaparilla for catarrh and think it has done me a great deal of good. I recommend it to all within my reach. Hood's Sarsaparilla has been worth everything to me."-LUTHER D. ROB BINS, East Thompson, Ct.

Hood's Sarsaparilla

Sold by all druggists, \$1; six for \$5. Prepared by C. I. HOOD & Co., Apothecaries, Lowell, Mass.

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Suffering from any form of Female Complaints or Irregularities, should obtain a supply of the

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They are a positive cure for all Displacements and the consequent Spinal Weaknesses. These Pills are especially adapted to the change of Life, and prevent the organic degeneration which leads to cright's Disease. They are warranted

Purely Vecetable, and the only safe and sure remedy on the market, Physicians use them to a large extent in their practice. Price 50c. a Fox. Hat from druggists or sent on rece pt of price to any address. The Popular Pill

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ELY'S CATARRH CREAM BALM. EAM BALM

stronger too and I feel myself improved every way."

Price \$1. Sold by all Druggists.

It is wonderful how quick Ely's Cream Balm has helped and cured me. I suffered HAY-FEVER from acute inflammation in my nose and head. For a week at a time I could not ASP sec.-Mrs. Georgie S.

Hartford, USE A particle is applied into each nostril and is acreeable to use. Price 50 ot. by mail or at drug-gists. Send for circular. ELY BROTHERS, Drug-gists, Owego, N. Y.

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