

The Muscles in the Head.
The head has seventy-seven muscles—eight for the eyes and eyelids, one for the nose, eight for the lips, eight for the jaw, eleven for the tongue, eleven for the larynx, eleven for the ear, seventeen for motions of the head and neck, one to move the hairy scalp, one for the eyebrows.

Gold Coin in Circulation.
The amount of gold coin in actual circulation in the world is estimated by the Bank of England officials to be about 865 tons.

Don't Tobacco Spit and Smoke Your Life Away.
To quit tobacco easily and forever, be magnetic, full of life, nerve and vigor, take No-To-Bac, the wonder-worker, that makes weak men strong. All druggists, 60c. or 1.00. Cure guaranteed. Booklet and sample free. Address: Sterling Remedy Co., Chicago, N. Y.

A matrimonial agency is the latest Jewish venture in the East End of London.

Merit.
The extraordinary merit won by "John's Happy Pills" in the different camps especially Wikoff, in curing malaria, chills and fever and liver complaints is a great endorsement of their never-failing qualities. Happy Medicine Co., West New Brighton, Richmond Borough, New York

During the last century 100 lakes in Tyro have subsided and disappeared.

When Golden Rod Ripens
Thousands suffer with Hay-Fever, Hoxsle, Dicks cure wheezing, sneezing and coughing 25 cents. A. P. Hoxsle, Buffalo, N. Y.

This year's cranberry crop in Wisconsin is estimated at 18,000 barrels.

Educate Your Bowels With Cascarets.
Candy Cathartic, cure constipation forever. 10c. per box. H. C. C. Co., Fall, druggists refund money.

Sixty languages are spoken in the empire governed by the Czar of Russia.

To Cure A Cold in One Day.
Take Laxative Bromo Quinine Tablets. All Druggists refund money if it fails to cure. 50c.

Chimney-pots were worn in France nearly 500 years ago.

Fits permanently cured. No fits or nervousness after first day's use of Dr. Kline's Great Nerve Restorer. \$2.00 per bottle and treatise free. Dr. R. H. Kline, L. L. M., 151 Arch St., Philadelphia, Pa.

Marigolds and zinnias in North Africa reach a height of four or five feet.



Seeding Timothy With Buckwheat.
On low land, where buckwheat is the crop chiefly grown, it is often desirable to seed the land again. Sowing timothy seed among the buckwheat while it is growing will do this as well, if not better, than any other plan we know, especially if there are rains as there have been nearly everywhere during the present month. The young grass will be well rooted by the time the buckwheat is ready to be got off the ground. No plowing is needed, and though there is always some waste of buckwheat in harvesting, no harm will be done, as the timothy will so occupy the ground by spring that there will be little and perhaps no buckwheat in next year's crop.

Drilled and Cultivated Turnips.
So many farmers broadcast turnip seed on their hoed crops late in the season that they forget that, cheap though this seems, there is a still better way. That is to sow the turnip seed in drills wide enough apart for a hoe to run between. We have seen enormous crops grown this way, and the labor in hoeing was more than repaid by keeping the turnips steadily growing, so that at the time for harvest none were gnarled or pitted. Even before the main crop is fully grown, there can be sold a good many small turnips thinned out where the plants were too thick in the row. These small turnips, if not stunted, are more tender and sweeter than those that have grown to larger size.

Fertilizers in Grain Drills.
To very many farmers it is not merely a surprise, but almost incomprehensible, how the small amount of fertilizer, usually not over 150 to 200 pounds per acre, can produce such results as they are used to seeing. It may help farmers to arrive at just conclusions in this matter if we explain how the fertilizer works. In the first place, it usually has a small percentage of nitrogen in available form. This is just what the young plant wants. It is not a stimulant, for plants have no nerves. But to supply them with what they need is to plants much the same as a stimulus is to man. It incites the roots to spread out in every direction, and each rootlet carries both carbonic acid gas and a small proportion of ammonia, both are powerful solvents. Thus it is that the young grain, which is thus fertilized so quickly, extends its roots into adjoining drill marks that it apparently and really injures those which have not received such abundant supplies of plant food. If any one will examine the roots of grain in drills, he will find that within ten days they have extended into the rows of the drills not fertilized, enough to ward the growth in the latter. Where all the drill tubes distribute fertilizer this effect is neutralized.

The Draft in Plowing.
The Utah Experimental Station, over which Mr. J. W. Sanborn is presiding as director, has just published a bulletin on the draft of plows. The question of the draft of plows is an important one. It is estimated that in round numbers 200,000,000 days of horse work is annually used in plowing for the stable crops of this country. A change in the draft of ten to thirty per cent, which may easily occur as a difference between good plows and poor ones, adds immensely to the extra cost. The following are some of the conclusions reached:
Counters add to the draft of plows. Professor Sanborn says: I have no hesitation in pronouncing cutters as generally injudicious, and advise farmers to dispense with them.
Trucks under the end of the beam lessen draft, add to the uniformity of the furrow and decrease the work of the plowman.
A share sharpened by a blacksmith drew thirty-six per cent. harder than a new share.
A dull share drew harder than a sharp one, but not as hard as the poorly sharp share.
Less loss of draft was found when the plowman forced the plow to carry a furrow out of harmony with the hitch at the bridge, than it was expected would be found.
No loss of draft was found either when the share was made straight on its base or straight on its land side—on the contrary, a slight gain was recorded.
Lengthening the hitch slightly decreased the draft of the plow.
Changing plowman varied the draft, but so materially as it has been supposed it would.
A three wheeled sulky plow having no pole—the third wheel running in the furrow and allowing of a shorter land slide—gave a light draft and excellent work.

Good Blood Makes Health
And Hood's Sarsaparilla makes good blood. That is why it cures so many diseases and makes so many people feel better than ever before. If you don't feel well, are half sick, tired, worn out, you may be made well by taking Hood's Sarsaparilla America's Greatest Medicine.
Hood's Pills cure all Liver Ills. 25 cents
Joking With The Queen.
There is said to be only one man who has ever dared to make a joke in the presence of the Queen. This is Canon Teignmouth-Shore, at one time governor to the children of the Prince of Wales, and a splendid type of Irish humorist. He was discussing with Her Majesty the question why it was that shoemakers were supposed to be so advanced in their heterodoxy and in the want of faith in futurity. "Why, ma'am," quietly remarked the audacious Canon, "one could hardly expect a shoemaker to believe in the immortality of the soul (sole)!" Her Majesty enjoyed the joke and laughed very heartily over it.

A Magnificent Tomb.
The most magnificent tomb in the world is deemed to be the palace Temple of Karnak, occupying the area of nine acres, or twice that of St. Peter's at Rome. The temple space is a poet's dream of gigantic columns, beautiful arches and wondrous avenues of sphinxes.

NO WOMAN IS EXEMPT.
Regularity is a matter of importance in every woman's life. Much pain is, however, endured in the belief that it is necessary and not alarming, when in truth it is all wrong and indicates derangement that may cause serious trouble.
Excessive monthly pain itself will unsettle the nerves and make women old before their time.
The foundation of woman's health is a perfectly normal and regular performance of nature's function. The statement we print from Miss GRACIE SIKES, of Eldred, Pa., is echoed in every city, town and hamlet in this country. Read what she says:
"DEAR MRS. PINKHAM—I feel like a new person since following your advice, and think it is my duty to let the public know the good your remedies have done me. My troubles were painful menstruation and leucorrhoea. I was nervous and had spells of being confused. Before using your remedies I never had any faith in patent medicines. I now wish to say that I never had anything do me so much good for painful menstruation as Lydia E. Pinkham's Vegetable Compound; also would say that your Sanative Wash has cured me of leucorrhoea. I hope these few words may help suffering women."
The present Mrs. Pinkham's experience in treating female ills is unparalleled, for years she worked side by side with Mrs. Lydia E. Pinkham, and for sometime past has had sole charge of the correspondence department of her great business, treating by letter as many as a hundred thousand ailing women during a single year.
All suffering women are invited to write freely to Mrs. Pinkham, at Lynn, Mass., for advice about their health.

CONSTIPATION
"I have gone 14 days at a time without a movement of the bowels, not being able to move them except by using hot water injections. Chronic constipation for seven years placed me in this terrible condition; during that time I did everything I heard of but never found any relief; such was my case until I began using CASCARETS. I now have from one to two evacuations, and I was rich I would give \$100 for each movement, it is such a relief."
ATLANTA, GA., DETROIT, MICH.
100 RAYMOND ST., DETROIT, MICH.

CANDY CATHARTIC
REGULATE THE LIVER
Please, Palatable, Potent, Taste Good, No Food, Never Sickens, Weakens, or Upsets the Stomach.
CURE CONSTIPATION.
Hartley Remedy Company, Chicago, Montreal, New York.

A TEMPERANCE COLUMN.
THE DRINK EVIL MADE MANIFEST IN MANY WAYS.
Tough Not the Cup—That Sterling "Journal of Civilization," Harper's Weekly, Provides Teetotalers With a Strong Argument in Favor of Abstinence.
If you would have the rose be red, Or count her sweetness for a good, Have care no single drop to shed Of human blood.
If you would have the snow be white When flakes are fluttering round your feet, Keep all your thoughts, though hid from sight, Clean, even as they.

If you would have true love for all, Forego the curious ways of art, And strive to love men, first of all, With all your heart.
If you would have good men's respect, And walk securely in and out, Be sure the evil germ is checked between Ere the bud sprout.
If you heed this rhyme of mine, What ye would pursue is playing up, I charge you, look not on the wine, Nor touch the cup!
—Alice Cary.

Abstainers and Life Insurance.
Teetotalers will find a strong argument in favor of their attitude on the drink question in the recent report of James Meikle, of Birmingham, England, on the comparative value of abstainers and non-abstainers as subjects for life insurance. The report, according to a summary of it which is given by the New York Evening Post, is very favorable to the abstainers, and indicates that their lives should be insured at lower rates than those of their brethren who immoderately use the wine which Mr. Meikle drew conclusions from, he found that between the ages of twenty-five and thirty-four only a little more than half as many abstainers died as the actuarial tables have shown. Between thirty-five and forty-four only about a third (34.4 per cent.) as many as was expected; between forty-five and fifty-four only half as many as was expected. The report is not so conclusive as it seems against a moderate use of alcohol, because the class of drinkers included not only all the truly moderate drinkers, but a good many immoderate ones. What sort of a showing the non-abstainers whose habits are really good would make alongside of the abstainers does not appear, and is not likely to be officially disclosed, because of the obvious difficulty of discriminating between the discreet drinkers and the others. The insurance companies can learn from their records whether they are abstainers or not, but whether they are really moderate in their potations or tend to indiscrimination, so far as it goes, however, Mr. Meikle's report certainly indicates that alcohol is not generally useful to sustain and prolong life. That much is pretty generally admitted nowadays by candid contemporaries, whether they drink or not. It is not claimed any longer that John Bull has in any of his disguises will benefit persons who are in good health. The most that is said is that stimulants are often exceedingly useful in sickness, and that well persons can drink a good deal, if not too much, without injury, provided they are able to exercise constant discrimination about what they drink, and how much, and when. There are many who are not persons who sincerely believed that a fair amount of habitual alcohol would "do you good." Persons who are of that opinion are certainly not to be reckoned as teetotalers, but without any illusion about deriving benefit from it. Either they don't care whether it is good for them or not, or they feel able to determine how much they can drink without serious risk of injury.

The average intelligent citizen is neither a professed abstainer nor a victim of drink, but he is a person who knows how to choose, but his choice most of the time is to drink tea, coffee, or water. He has work to do every day, and he regulates his eating and drinking habits with a view to keeping himself in condition to accomplish his daily task with the least inconvenience.—Harper's Weekly.

Scientific Study of Delirium Tremens.
The familiar symptoms of delirium tremens, known as "snags," have been made the subject of study with some interesting results. It appears that what has been supposed to be a delirium, and that well persons can drink a good deal, if not too much, without injury, provided they are able to exercise constant discrimination about what they drink, and how much, and when. There are many who are not persons who sincerely believed that a fair amount of habitual alcohol would "do you good." Persons who are of that opinion are certainly not to be reckoned as teetotalers, but without any illusion about deriving benefit from it. Either they don't care whether it is good for them or not, or they feel able to determine how much they can drink without serious risk of injury.

To Make Soldiers Not Drunkards.
Kentucky Colonels have been laughed at a good bit, but one of the real war fighting sort deserves our warmest praise—"Colonel Gather, of the Second Kentucky. One of his lieutenants urged a regimental canteen. "No!" said the brave Kentuckian. "I brought these men here to make soldiers, not drunkards, of them. You can have a temperance canteen, but no liquor will be served in this camp."—National Temperance Banner.

What Drink Money Would Do.
The amount paid for liquor in one year in America would have built 1000 colleges at a cost of each of \$300,000, founded 1000 libraries, each to contain 50,000 volumes, at a cost of \$20,000; erected 10,000 churches, supported 10,000 missionaries, paying each a salary of \$1500 a year; furnished 500,000 copies of the Bible, established 500 asylums of \$200,000 each, rolling up the enormous sum of eleven hundred and fifty millions of dollars.

General Staffer.
When Santiago was entered by the American troops, General Staffer issued a proclamation, ordering a general resumption of business, except the saloons, so that for the present, the wholesale and retail liquor stores be closed.
Finding a large quantity of red wine in one of the mansions vacated by the Spaniards, the general ordered it all destroyed, and the wine was used for the purpose of making a commentary on the liquor business.

Liquor is a Lash.
No man, who is a poor struggling horse, with a load too heavy for him to drag, lashed and whipped in the street, says: "How strong that horse has been, but now he has been whipped by the lash!" Liquor is a lash. It does not impair natural strength. For the time being it spurs a man onward, but greater weakness than before results from its use.

The War on Rum.
At a recent temperance meeting in Boston, it was stated that in one day 200,000 drinks were sold in the saloons of that city.
In Massachusetts at present there are twenty cities and fifty-seven towns which have a liquor license feature in their laws, and twelve cities and 264 towns which have voted for no license.

No-To-Bac for Fifty Cents.
Guaranteed tobacco habit cure, makes weak men strong, blood pure. 50c. Btl. All druggists.
Sicilian laborers are glad to get twenty cents a day for fourteen hours' work.
I could not get along without Pilo's Cure for Consumption. Railways cures.—Mrs. E. C. Moulton, Needham, Mass., October 23, 1894.
During the first seven months of this year there were 199 suicides in Chicago.

To Cure Constipation Forever.
Take Cascarets Candy Cathartic. 50c. Btl. H. C. C. Co. Fall, druggists refund money.
It is exactly 1070 miles from Ponce, Porto Rico, to Key West.
Everybody knows that "Dobbin's" Electric Soap is the best in the world, and for 35c. it has sold at the highest price. Its price is now 5 cents, same as common brown soap, bars full size and quality. Order of Grocer. Ad.
Great Britain rules twenty-one of every 100 square miles of the earth's surface.
Mrs. Winslow's Soothing Syrup for children teething, softens the gums, reduces inflammation, allays pain, cures wind colic, 25c. a bottle.
The Bible was not circulated in Cuba until 1882.

A Heroic Miner.
In a Kalgoolie shaft two mates, Wall and Symonds, fired a shallow twenty-inch hole and got in the bucket. But the edge caught, says the Sydney Bulletin, and Wall fell about twenty-five feet. Symonds signaled first to stop and then to lower (he was down 225 feet), and got to the bottom in time to nip out the fuse and save his mate. It was all the pluckier because of the shortness of the fuse and the certainty that at best he could only have a few seconds to spare.

Some Electrical Figures.
A local contributor who has been making a little investigation has dug out a number of very interesting electrical facts.
In 1884, he says, the total investment in electrical appliances throughout the United States did not aggregate much over \$1,000,000, while to-day the capitalization of all the electrical concerns in the country is fully \$1,900,000,000.
It is estimated that about \$600,000,000 has been invested in electric lighting stations and plants in the United States. There are to-day in the United States about 14,000 miles of electric railroad, with a nominal capital of about \$1,000,000,000 and employing about 170,000 men.
People can now actually converse at a distance of 1800 miles, and conversations at distances of 1500 miles are common. There are now nearly 1,000,000 telephones connected with this country's telephone service, employing a capitalization of about \$100,000,000. Every day about 17,000 employes make on an average more than 3,000,000 telephone connections.—Electrical Review.

Do as You Like.
Perhaps the poorest opinion of music as a vocation is attributed to a builder in Glasgow. The man had sent his son to college, where the young fellow excelled in musical accomplishments. In course of time he announced to his father his firm intention to become a musician. The father objected vehemently. The son begged, and was at last affected to tears, declaring that he would never be happy in any other calling. This melted the father's heart, and he exclaimed: "All right, do as you like; but don't ever come round grinding your organ in front of my house!"—Waverly Magazine.

The Rush For Gold.
From the Times, Buff., Ill.
The rush of gold seekers to the Klondike brings thrilling memories to the "forty-niners" still alive, of the time when they grided the continent, or faced the terrors of the great American desert on the journey to the land of gold. These pioneers tell some experiences which should be heeded by gold seekers of to-day. Constant exposure and faulty diet killed large numbers, while nearly all the survivors were afflicted with disease, many of them with rheumatism. Such a sufferer was Adam Vanquady, a New York man, who died at Buffalo, Ill., where he has been justly and honorably buried. He was the first president of the Klondike Association of trustees, in 1897. A recent interview he said: "I had been a sufferer of rheumatism for a number of years and the pain at times was very intense. I tried all the proprietary medicines I could think of, but received no relief. Finally, I finally placed my case with several physicians and doctored with them for some time, but they failed to do me any good. Finally, with my hopes of relief nearly exhausted, I read of the merits of Dr. Williams' Pink Pills for Pale People, which induced me to try them. I was anxious to get rid of the terrible disease and bought two boxes of the pills. I began using them about March, 1897. After I had taken two boxes I was completely cured, and the pain has never returned. I think it is the best medicine I have ever taken, and am willing at any time to give my name to any testimony bearing forth its good merits."
(Signed) ADAM VANQUADY.
Subscriber and sworn to before me, this 29th day of September, A. D. 1897.
FRANKLIN C. FRNK, Notary Public.
Mr. Vanquady's statement ought to be regarded as the criterion of the good merits of these pills. Who better could a person want than the above facts.

Germany weigh nearly ten pounds each more than Frenchmen.
Protect Your Ideas by Letters Patent.
The firm of Vowles & Burns, Patent Attorneys, No. 27 Broadway, N. Y., whose advertisement will appear in our next issue, procure patents either on cash or easy installments. Write for terms. Sales negotiated.
One hundred new words are annually added to the English language.
Traffic Resumed Between United States and Cuba.
The Southern Railway, the great thoroughfare of travel through the Southern States, and the Fast Mail Route New York to the South and Cuba, announce the resumption of Steamship Service between Port Tampa, Key West and Havana.
Leave Port Tampa each Monday and Thursday at 8:00 a. m.; arrive Key West each Wednesday and Friday at 3:00 p. m.; arrive Havana each Wednesday and Saturday at 6:00 a. m. New schedule to Porto Rico and Manila will be announced in a few days. For full particulars call on or address Alex. S. Thwait, Eastern Passenger Agent, 27 Broadway, New York.
Germans weigh nearly ten pounds each more than Frenchmen.

6 PER CENT. GOLD BONDS
Payable semi-annually at the Globe Trust Co., Chicago, Ill.
These bonds are a first mortgage upon the entire plant, including buildings, land and other property of an Industrial Company located close to Chicago.
The Company has been established for many years, is well-known and doing a large and increasing business.
The officers of the Company are men of high reputation, esteemed for their honesty and business ability. They have made so great a success of this business that the bonds of this Company are rarely ever offered for sale.
A few of these bonds came in to our hands during the hard times from parties who had purchased them several years ago. We offer them in issues of \$100.00 each for \$80.00 and accrued interest.
For security and a large interest rate these Industrial Bonds are recommended as being among the best.
First-class bonds and securities of all kinds bought and sold.
Kendall & Whitlock, Bankers and Brokers, 52 Exchange Place, New York.

READY RELIEF
FOR HEADACHE (whether sick or nervous), toothache, neuralgia, rheumatism, lumbago, pains and weakness of the back, spine of kidney, pain around the liver, pleurisy, swelling of the joints and pains of all kinds. It is a household remedy, and is sold in every drug store. It is a sure cure for all the above ailments. Write for terms. Sales negotiated.
One hundred new words are annually added to the English language.

A CURE FOR ALL Summer Complaints, DYSENTERY, DIARRHEA, CHOLERA MORBUS.
A half to a teaspoonful of Ready Relief in a half tumbler of water, repeated as often as the discharges continue, and a tumbler saturated with Ready Relief placed over the stomach or bowels, will afford immediate relief and soon effect a cure. Externally—A half to a teaspoonful in half a tumbler of water will in a few minutes cure Cramps, Spasms, Stomachic, Nausea, Vomiting, Headache, Nervousness, Sleeplessness, Sick Headache, Flatulency and all internal pains.
Malaria in its Various Forms Cured and Prevented.
There is not an ailment in the world that will cure fever and ague and all other malarial, bilious and other fevers, aided by RADWAY'S PILLS, so quickly as RADWAY'S READY RELIEF. Price 50 cents per bottle. Sold by all druggists. RADWAY & CO., 55 Elm St., New York.

PAINT YOUR WALLS AND CEILINGS
FOR DECORATING WALLS AND CEILINGS. Purchase a package of Calcimo paint dealer and do your own decorating. This material is made of scientific principles by machinery and milled in twenty-four states and is superior in any combination of Gilt and White. It can be used on any surface and is made by hand. To be mixed with Cold Water.
SEND FOR SAMPLE COLOR CARDS and if you cannot purchase this material from your local dealers let us know and we will put you in the way of obtaining it.
THE MURALO CO., NEW BRIGHTON, S. I., NEW YORK.

"A Fair Face Cannot Atone for an Untidy House."
Use
SAPOLIO
JUST THE BOOK YOU WANT
CONDENSED ENCYCLOPEDIA OF UNIVERSAL KNOWLEDGE, as it treats upon every subject under the sun. It contains 500 pages, profusely illustrated, and will be sent, postpaid, for 50c. in stamps, postal note or silver. When reading you doubtless will find many things which you do not understand and which this book will clear up for you. It is a rich mine of valuable information, presented in a most interesting manner, and is well worth to any one many times the small sum of FIFTY CENTS which we ask for it. A study of this book will prove of incalculable benefit to those whose education has been neglected, while the volume will also be found of great value to those who cannot readily command the knowledge they have acquired. BOOK PUBLISHING HOUSE, 134 Leonard St., N. Y. City.