Starvation.

What is it? What occurs? What part of the human mechanism fails first or last, when a person is deprived of food for a certain period of time? This is what takes place: During starvation the body loses weight, the various functions (walking, sitting up, etc.) become weaker, the body temperature first rises, then falls, and death supervenes after the loss of about 40 per cent of the body weight. The loss is not equally distributed among the various tissues, as the muscles and fat lose the most, then the bones, skin and liver, and least of all the heart, brain and spinal cord. Some persons starve without actually being denied food. Certain constitutional diseases bring on conditions which cause loss of weight and great weakness of every portion of the organism; the food eaten does not feed the diseased tissues and a state of starvation follows. Thus a person may starve even in the midst of plenty. Marked loss of weight, while in seeming good health, is a positive indication of some serious systemic disorder, which if treated in time will prevent further loss of weight and avert starvation and death.

Printing a Coin on Linen.

The print of a silver coin or medal may be made on silk or linen by dipping the fabric in a solution of nitrate of silver and submitting it over the face of the coin until the image is imprinted. The linen is sometimes so dipped; it has a solution of nitrate of silver, made by dissolving sixty or eighty grains of nitrate of silver in one ounce of water. Wet the portion of the cloth which is to receive the impression in the solution, and when nearly dry draw it over the face of the coin and tie it at the back. Expose to a work light, and in a few minutes the raised design of the coin will appear on the linen. As soon as the print is dark enough remove and wash in clear water. When nearly dry iron it smooth with a warm iron, placing a piece of tissue paper over the print. In printing from the coin or medal it is advisable to paste a piece of paper on the reverse side so that the silver will not come in contact with the sensitized fabric.

An Irreverent Goat.

The Welsh farmers were presented by Queen Victoria with a goat which after several years of exemplary conduct fell into evil ways, discontinuing the act of insubordination occurred when the vicarage was thatched at Wrexham, and one day someone even the chief men for miles were standing about smoking and enjoying the fresh air. The owner managed quietly to lock in the end of his frolicsome career and the goat, which happened to be close by, found the imprisoning stable. He charged forward and butted his commanding officer against an adjacent wall with such force that both his eyes were blinded and he for a time otherwise disabled. He was so enraged the goat ran and ran and ran. "The Relief and man force of numbers alone prevented him from being drummed out."—London Express.

An Anecdote of Crowley.

A few nights ago there sat in a crowded hotel artists of the Antipodes in the smoking room. Suddenly Edward Crowley, long regarded as the Teuton, took from his pocket a letter about the recent exhibition which caused the remarkable chuckle of that eccentric genius, with which indulgence. One day a commission came down to the Tribune to interview Mr. Crowley. Having listened in silence to what these gentlemen had to say, looked up from his desk, a twinkle in his eye, and said: "Will you please tell the Tribune Gentlemen I judge from your remarks that Mr. Crowley's affairs are widely read." This will therefore continue to be printed in the Tribune. Good morning.

A Steamheated Ocean.

A fourth year class was beginning the study of ocean circulation.

"Why is the ocean warmer in some places than it is in others?" asked the teacher.

The children were puzzled. Finally Alexander, a bright little lad of seven years, ventured this original explanation:

"Because it is steam heated in some places," said he. "You see where the big steamships pass through the ocean the water is steam heated and therefore very much warmer than the places where no steamships pass."—New York Tribune.

Playing It Safe.

Hokus—Flubdub has been mixed up in a lot of shady financial transactions, and yet he is never caught. Pokus—That's just like Flubdub. I remember when we were boys and a tin can was to be tied to a dog's tail Flubdub was always the fellow who held the dog.—Life.

Close Quarters.

"Yes, for the past two months I've been positively living within my income."

"Don't you feel rather cramped?"

"Cramped? Say, lend me $10, will you? I want to stretch myself."—New York Times.

Badly Expressed.

Pupil—Teacher, may I be absent this afternoon? My aunt's cousin is dead? Teacher—Well, yes, I suppose so; but really I wish it was some nearer relation.—Topeka Journal.

Her Tongue.

Ella—Clara's got a tongue like a motor. Jane—Like a motor? How's that? Ella—She's always running people down.—Exchange.

The Englishman Spoke.

In a second class railway carriage, going from Lausanne to Paris, I once passed a night of conflict. On my side were a Swiss who spoke English and an Englishman who didn't speak. Our opponents were two members of a Latin race. They wanted the windows shut. We wanted at least one window open. Our common cause drew the three of us together. At first the Englishman's expression had seemed to wonder whether the Swiss and the American were quite worthy to prefer fresh air. As the night wore on this expression waned, and I thought I detected a trace of sympathy in the glances he sparingly aimed at us.

In answer to my question the Swiss explained his mastery of the English language by saying he had learned without a teacher, just by sitting near an open window in a tub of cold water. At this the Englishman almost spoke. Morning came. He lined his pipe and began to hunt through his pockets for matches. The Swiss offered him a box. "Thank you," he said gravely; "I prefer my own," and went on hunting.—New Republic.

Colors of the Opal.

In Hungary the opal color is of the greatest importance. Red fire or red in combination with yellow, blue and green is the best. Blue by itself is quite valueless, and the green opal is not of great value unless the color is very vivid and the pattern very good. The color must be true—that is to say, it must not run in streaks or patches, alternating with a colorless or inferior quality. Pattern is an important factor, the several varieties being known as "pin fire," when the grain is very small, "harlequin," when the color is in small squares, the more regular the better, and the "flash fire" or "flash opal," when the color shows as a single mass or in very large pattern. The harlequin is the most common and is also popularly considered the most beautiful. When the squares of color are regular and show as distinct minute checks of red, yellow, blue and green it is considered magnificent. Some stones show better on edge than on top.—Exchange.

Barrels.

A barrel is not always a barrel, for according to a Massachusetts judge the matter of state lines has considerable to do with it. Some time since a Boston man purchased 200 barrels of sweet potatoes in the state of Maryland. When the sweet potatoes arrived in Boston the purchaser sold one barrel just as it had come from Maryland, but it appears that the barrel weighed only 120 pounds instead of 150 pounds, the legal weight in Massachusetts. In that state when a person buys a barrel of potatoes the weight must be not less than 150 pounds. The Massachusetts courts ruled that the purchaser of the Maryland sweet potatoes violated the law when he sold the barrel that was underweight, although the barrel was a legal one in Maryland. Therefore a barrel is not a barrel in measurements when it weighs less than 150 pounds.—Press.

Penetration of Light.

Experiments show that light can be seen through a clean cut opening of one more than one forty-thousandth of an inch.

This fact was determined by taking pieces of smoked glass, stroking edges and inserting a piece of paper between the surfaces at one end, the opposite end being allowed to come together. The straight edges being placed before the eye and a strong light in a dark room, a wedge of light was perceived from the ends between which the paper was placed and the opposite which were brought together. The thickness of the paper being known, the distance apart of the two edges of the small end of the wedge of light was easily calculated.

Irving's Intensity.

The piercing eyes and intense expression of Henry Irving once had the effect of causing a fellow actor utterly forgetful that he was on the stage at all. It occurred in Manchester during a performance of "Macbeth," and in the scene where Macbeth says to one of the murderers, "There's blood upon thy face." Irving put so much earnestness into his words that the murderer forgot his proper answer. "'Tis Banquo's then," and replied in a startled voice, "'Is there? Great Scott!" He fancied, as he afterward said, that he'd broken a blood vessel.

Synthetic Dyes.

The raw materials from which almost all the synthetic dyes are made are only nine or ten direct products of coal tar. These are transformed chemically into from 250 to 300 intermediate products, which in their turn yield about 1,200 chemically distinct dyestuffs. Among the processes employed are high temperatures, great pressures and low refrigeration.

His Query.

"You've been sentenced to twenty years' hard labor. With good time you can cut that down, of course," said the lawyer.

"Good time!" exclaimed the prisoner. "How's a guy going to have any good time in prison?"—Detroit Free Press.

Slow Pay.

"Does your father object because I'm paying attention to you?"

"No. Paw says he's glad to see you paying something, if it's only attention."—Buffalo Express.

True thrift, according to Robert Louis Stevenson, is to earn a little and spend a little less.

City Meat Market

John Dannials, Prop.

On Second Ave. East. In Williams Bldg.

A fine line of FRESH and SMOKED MEATS and FISH

No chance for our Beef to be infected with tuberculosis; we sell only U. S. Inspected Beef. No stag hogs go with us. We sell the best country hogs only.

Now open and ready for business.
We will deliver to all parts of the city.

$36.50 TILLAMOOK TO SAN FRANCISCO AND BACK

Return Limit 30 Days.

Ninety Days Ticket, $39.50.

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Return Limit 40 Days

Call on Agent Tillamook for full particulars, stop-overs, literature, &c., or on any P. R. & N. Agent for fares from other stations.

Pacific Railway & Nav. Co

John M. Scott, General Passenger Agent,
Portland, Oregon.

William Penn's Measurements.

The height of the statue of William Penn on Philadelphia city hall is thirty-seven feet, and it weighs 52,400 pounds. It was cast in Philadelphia in forty-seven pieces and so skillfully joined that the most careful inspection fails to detect the junctures. It was placed in position in sections. The hat is 3 feet in diameter, rim, 23 feet in circumference; nose, 13 inches long; eyes, 12 inches long and 4 inches wide; mouth from corner to corner, 1 foot; face from hat to chin, 3 feet 3 inches; hair, 4 feet long; shoulders, 28 feet in circumference and 15 feet in diameter; waist, 24 feet in circumference and 8 feet 9 inches in diameter and 4 feet deep; fingers, 2 feet 6 inches in diameter; hands, 6 feet 9 inches in circumference, 3 feet in diameter and 4 feet long; fingers, 2 feet 6 inches long; finger nails, 3 inches long; legs from ankle to knee, 10 feet; ankle, 5 feet in circumference; calf of legs, 8 feet 8 inches in circumference; feet, 22 inches wide, 5 feet 4 inches long.—Philadelphia Press.

A Veil and a Mirror.

From a feminine source comes a question which is more easily answered at first thought than at second thought, a question that is which is not quite as simple as it seems. It is this:

Does a woman wearing a veil see when she looks in a mirror what another person sees who looks at her through her veil?

On consideration one realizes that the veiled woman looks through her veil at a image which is itself veiled, and therefore she apparently looks at herself through two veils instead of the one which is all that stands in the vision of the other observer. Then there is the further fact that in a mirror what was right becomes left and vice versa, so that what one sees there is not a picture of oneself, but of somebody else who is like oneself only as one of a pair of gloves is like the other.

That, however, has nothing to do with the question as to the veils, and that is quite complicated enough to stand alone.—New York Times.

Difficult to Build.

The great railroad bridge across the Ganges at Sara took six years to build and cost $15,000,000. It consists of fifteen main spans and six land spans, the total length being about a mile and an eighth. It was necessary to sink the foundation to a depth of 200 feet below high flood level because the bed of the river consists of the finest sand, which is carried down from the Himalayas. An obstacle such as a sunken reef or tree causes this fine sand to be disturbed to as great a depth as fifty feet. Another difficulty is the habit of the Ganges to change its course rather whimsically. The point at which the river has been brought is so far as could be ascertained from available records, the most northerly which these deviations of the river have been at minimum. The river is walled with stone three-quarters of a mile upstream and one-quarter of a mile downstream from the bridge.

When to Propose.

The proper time for a man to declare himself is when he sees by signs he can't be mistaken that the asking won't be in vain.

The time may be soon or late in the course of a courtship, but it will more beyond a chance of mistake the moment when he may venture to ask the important question and be certain of winning.

When her eyes begin to wander in search of him if he does not at once seek her side, when she stops talking to other people to listen to his most trivial utterances, when she lingers in his society and shows him she thinks his remarks full of wisdom and his conceited jokes the embodiment of humor, that is the moment for him to come boldly forward with his proposal, for the time for it is ripe.—New York Weekly.

Profitable Change.

A well known conjurer one day visited a Scotch village. After performing many astonishing tricks he asked for a half penny, which a coffer lent him. The conjurer then said he would turn it into a sixpence. He did so, as the people thought, and handed it round for them to see. When it reached the coffer he coolly pocketed it and said to the astonished conjurer: "Will ye change me another?"—London Mail.

The Catalog.

The bottom meaning of the word "catalog" is course, alphabetical catalogue. Thus we are taken back to the very early days when calculating was carried on by the help of the pebbles that preceded the regular numerals.—New York American.

Women.

"Women are dreadful!" murmured the sentimentalist, gazing on a group of them in silk attire.

"You don't they are," the practical jet snapped back at the sentimentalist, "and dreams go by contraries, all right!"—Judge.

Just So.

"I don't know that I would have the nerve to appear in a monocle. My friends would probably guy me to death. Still, I like to imagine myself with a monocle."

"Sort of wearing it in your mind's eye, so to speak."—Louisville Courier-Journal.

Sure They Were.

"Waiter, are any of the components on this bill of fare of a deleterious nature?"

"Oh, yes, sir. We have the latest things out."—Baltimore American.

Fountain of Energy When President Wilson Opened the Panama-Pacific Exposition

THE Fountain of Energy when the water was released by President Wilson pressing a button at Washington on the opening day of the Panama-Pacific International Exposition at San Francisco. The fountain is the work of A. Stirling Calder and is between the Palace of Jewels and the main entrance at Scott street.

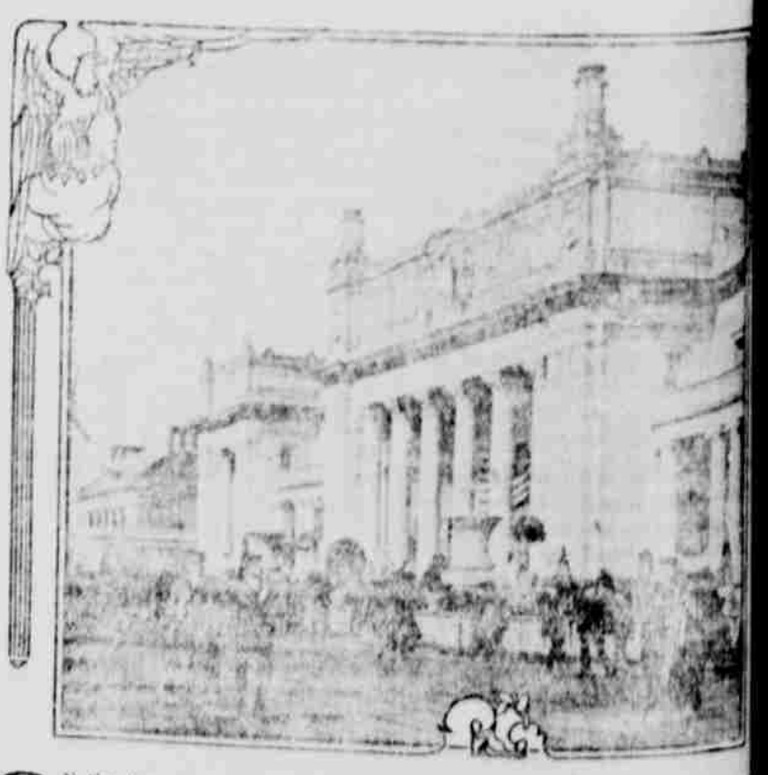
Opening Day at Panama-Pacific Exposition Broke All Exposition Attendance Records

ALL attendance records for expositions were broken at the opening of the Panama-Pacific International Exposition in San Francisco on Feb. 20. Vast crowds thronged the grounds when President Wilson pressed the button in Washington, and each day so far the attendance has been equally good. The huge buildings and beautiful [illegible] illuminated with architects and were continued to do so.

The Exposition has already demonstrated at this early date that it will be a great success in every way.

From Left to Right Are Shown the Palace of Education, Palace of Liberal Arts and Tower of Jewels.

The Avenue of Commonwealths at the Wonderful Panama-Pacific Exposition



ON the Avenue of Commonwealths at the Panama-Pacific International Exposition. Crowds passing before the beautiful New York state building, which is one of the finest of the state buildings at the Panama-Pacific Exposition in San Francisco.

COAST POWER CO.
Electric Lighting, Power and Heating Devices
[illegible] interested in seeing The Electric Ranges and Cooking Devices we have in stock.
HOUSE WIRING and ELECTRIC SUPPLIES
[illegible]

Our Role in Life.

No man can be both a dreamer and a man of action, and we are called upon to determine what role we shall play in life when we are too young to know what we do.—Richard Middleton.

Ceylon's Cocoanut Trees.

The island of Ceylon has about [illegible] 000,000 trees, yielding 1,200,000,000 cocoanuts, many of which are used locally for food and drink.

Difficulties are things which show what men are.—Epictetus.