

THE SELF-RELIANT MAN.

Is the One Most in Demand in This Busy Day and Generation.

Have't you depended upon clothes, upon appearances, upon introductions, upon recommendations about long enough? Haven't you leaped about long enough on other things? Isn't it about time for you to call a halt, to tear off all masks, to discard everything you have been leaning on outside of yourself, and depend upon your own worth? writes O. S. Marden, in Success Magazine.

WAS ALTOGETHER TOO TAME

Highly, Sensitive Brain Who Deserved Dose Described in "Nets Below."

After he had fallen upon his knees and kissed her hands, relates the Lowell Mail, she said: "Before I answer you or no there are some things I'd like to ask you. Do you ever gamble or drink?" "I do not know what the taste of liquor is. I have never uttered a profane word in all my life. I have never played euchre where a prize was at stake."

MEANING OF NOON IN LAW

As to Whether or Not Standard Time Is Signified, Decisions Confict.

The courts of several states have dealt with an odd question, none of them arriving upon a similar answer. When is it legally noon? Fire insurance policies expire at noon, and the word is admitted to mean exactly 12 o'clock, midday. But standard time has not been adopted in all communities.

Combination Hearse. Some of the undertakers in England have a combination hearse and coach with a strong but ordinary type of four-wheeled running gear.

Island Mystery. "Treasure Island" is still a mystery. The steam yacht Rose Marine, which left England in October, 1903, to search for the treasure which tradition says pirates concealed on Coosa Island, in the Pacific, has returned to Southampton. Capt. Mathews, the skipper, is reticent as to the results of the voyage, and only says that his belief in the project has been strengthened. The work of searching the island is very difficult.

Hollow Lead Soldiers. By a secret method a London firm is able to make hollow lead soldiers. This greatly reduces the cost of production, and the trade in these toys, which once belonged almost exclusively to Germany, is now rapidly increasing in England. The weight of the hollow

Puppies. "I didn't enjoy myself one bit," pouted the petted heiress, who had just returned from Europe. "I saw a puppy with a grand pedigree over there that I wanted, but pa wouldn't buy him for me."

His Capacity. Brown—I should think you'd show a little more strength of mind, Jaggs. Now, I can take two drinks and stop. Jaggs—Thank nothing, Brown. I like to take 20 a shop.—Judge.

MATCHES NOT REQUIRED.

How an Oregon Forest Fire Was Started by the Wrath of a Hunter.

"How did this terrible forest fire get started?" inquired the tenderfoot from Indiana, according to the Portland Oregonian. "Well, you see," said the obliging Oregon man, "last week me an' St. Hanks was up in the mountains on a hunting trip and St. Hanks 'bout seven miles from camp an' wanted to light his pipe."

PLANTS OF ARID REGIONS.

Tender Growths That Survive Long Periods of Severe Drought.

Even the deserts have their botany, as the desert botanical laboratory at Tucson, Ariz., is witness. The water relations of the plants of arid regions so delicately are adjusted that a slight variation in the available supply or in the relative humidity of the air produces a quick and notable effect. A shrub called the ocotillo had been without leaves for several weeks, owing to a long period of drought. One day three gallons of water were poured slowly in the ground at the base of the plant; next day leaf buds were observed; which by the afternoon of the next day had become an inch long, and four days afterward were full grown.

PICTURES SENT BY WIRE.

Apparatus by Which Photographs or Sketches Are Transmitted.

Picture telegrams have been wired from Nuremberg to Munich, 160 miles away, and apparently could have been sent ten times that distance with equal ease. In Prof. Korn's apparatus the sketch or photograph must be translucent, and is attached to a cylinder of glass mounted on an axis by which it is slowly rotated, moving at the same time from right to left—in fact, moving much as the wax cylinder in the phonograph does. A beam of light is directed on the cylinder and passing through it, modified by the image on that particular cell within the cylinder. This cell forms part of an electric circuit. According to the light falling upon it, and in this way the current flowing in the circuit of which the line forms a part is modified. The receiving apparatus consists of a similar cylinder revolving synchronously with the first with photographic paper fastened outside it, and with a Nernst electric lamp occupying the place of the selenium cell. The light of the lamp fluctuates in unison with the light falling on the selenium, and so affects the paper and reproduces on it the image on the first cylinder.

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CHESS OLDEST PASTIME.

Of Asiatic Origin and Dates Back to the Misty Medieval Times.

The oldest game known to man is chess. The origin of this game, or mimic battle, as Goldsmith called it in his translation of Vida, dates back to 3000 B. C. It is rich in legendary anecdotes, and its venerable nomenclature has been transmitted through all changes in language from the earliest tongues of the Indo-European to the latest.

The history of chess may be divided into three periods. The age of the primeval Indian game, extending from its origin down to the sixth century A. D.; the age of the medieval chess, from the sixth century to the sixteenth century; and the age of the modern chess, from the last of the sixteenth century to the present day. Of course many changes in the method of play took place in the course of development of the game, and as it is played now it is different from the game the ancients knew.

COUNTRY RICH IN METALS

Silver, Copper and Coal as Well as Gold—Plentiful in Alaska.

Alaska the golden also is rich in considerable quantities of silver, copper and coal, and promises to do something with tin and petroleum, which recently have been discovered. The annual gold production represents a value of some \$7,000,000. The mining of placer gold is carried on in June, July, August and September. Mining operations are rendered difficult not only by the short available season, but also by the lack of fall in the streams, the poor supply of water and timber, the half-frozen condition of the gravel, and the high cost of labor and transport. Despite these obstacles the wide and uniform distribution of alluvial gold, the healthy climate, and the proximity of the phenomically rich gold fields of the British Yukon region justify prospecting and mining over large areas. Stream tin discovered in the Onikovik river in 1900, has been found over an area of 450 square miles. Promising surface indications of petroleum have been found in the Controller's bay, Cook inlet, and Cold bay fields. Though only a few wells have been bored there seems to be ample justification for further prospecting and for believing that the Pacific coast region of Alaska may prove an important source of illuminating oil. Coal, mostly of a lignitic character, also widely is distributed in southwestern Alaska, whilst the coals of the Cape Lisburne region are of two distinct classes, low grade bituminous coal of the mesozoic age and high grade bituminous coal of paleozoic age.

American Money in Cuba.

Cuba is being bound to the United States with a chain of gold that cannot easily be broken. American capital and the representatives of the men who possess it are pouring into the island. During the last two years fully \$150,000,000 of American money has been invested in Cuba, outside of Havana. In that city, also, American capital is being laid out freely on new projects. American colonies can be found in many parts of the island. Some of the cities are beginning to take on an American appearance in architecture and industry. Most of the railroad development of the island is in the hands of Americans. Trolley lines, such as are common in this country, are reaching out in every direction.

Widow Wanted.

The Northampton (Eng.) Guardians of the Poor have received a letter from a farm laborer, who writes: "I hear that you have one or two widows on the books. If so, I am in want of one for a wife. One that is an outdoor relief would just suit me."

Fozy Groom.

A man in Paris who had an ugly wife bribed his groom to run away with her, so that he could get a divorce. The groom did so, but took with him all the woman's jewels and several thousand dollars of the husband's money.

Both Barbarous.

Rodrick—There is something about the Indians that reminds me of college students. Van Albert—What is it? "Way, you can't tell their songs from their whoops"—Chicago Daily News.

SUGGESTIONS FOR ANGLERS

Some of Which May Be of Value to the Untrained Loyer of Fishing.

If trout refuse to rise change your flies. Open the stomach of your first fish. What they are feeding on is the right bait to use, advises the St. Paul Dispatch.

Yellow perch will rise to artificial flies as readily as trout. So will sunfish, crappies and bass. Keep frogs in a box perforated with holes. Keep plenty of grass in the box and do not give them water. They will keep in lively condition thus for ten days.

If you are a hard bait or fly caster it is best to have an extra reel, in case the one you are using goes to pieces. To catch frogs take the landing net. Throw it over the frog, give it a quick flip and the frog is inside.

Polish your tackle before starting out. Spoons, lures and hooks should always be in first-class order. South and west winds are best for fishing. When the wind is in the north or east just lie around and wait for it to shift.

Fly casting can be made perfect by practice. The rule among trout fly casters is to use the smallest possible line, but the larger the line the easier the cast. An authority declares that a pound trout does not pull more than eight ounces in his fight against being landed.

After trout fishing the leaders should be dried. Hang the line from the limb of a tree, placing a light weight on the lower fly or the end of the leader. Then coil it up and get it ready for the next trip. A good fly for bass is the "bucktail." It is made from hair of the deer tail, and will not mat.

Good trout flies—Silver Doctor, Brown Hackle, Permacanth Belle, Montreal. Don't wash fish. When it is desired to keep them simply draw and wipe them.

TORTURE RELICS ON SALE

Such Instruments as Drunkard's Cloak, Iron Boot and Foot Squeezer Offered.

Several torture relics were put up for auction at Stevens', Covent Garden, the other day, but they did not excite much competition. There were no eager calls, even for a hangman's rope. A paltry 1s. was all that was given for one which had been used by the renowned Berry, says the London Daily News.

An iron screw, or foot squizzer, was bought for £1, and the same figure was paid for a set of double stocks, and also for what is termed a "drunkard's cloak." The last named is one of those instruments of old which was intended to put the delinquent to shame. It is shaped like a huge pair and the drunkard who was to be disgraced was fastened into it with only his head visible through a narrow aperture at the top. The cloak gave the wearer the minimum of room, the hands being practically pinned to the sides, and walking was only possible in a kind of shuffling movement.

DIFFERENCE IN METHODS.

Americans Get Right to Work on a Project, Germans Call for Bismarck.

The conversation in the smoking room of the sleeping car had drifted around to the characteristics of the races, relates the Saturday Evening Post. "I like your people," said a German, who had been listening. "I have been in this country for 20 years, acting as an immigration agent for my people and assisting them to settle here when they come to this country."

"Now, take a party of Americans when a new territory is opened or some public land thrown open for settlement. They ride or drive in, get their land, select a place for the village, stake out the streets and then somebody gets up on a stump calls a meeting and nominates John Jones for mayor. In ten minutes they have a municipality and everything is going along all right."

"If a party of Germans was in the same place, what would they do? When it came time to organize their village they would stand around for three hours and then somebody would ask: "Where is Bismarck?"

Strong Argument. Mr. Jawback—I guess I converted a Turk to Christianity to-day.

Mrs. Jawback—Well, for goodness' sake! You're a fine specimen to be doing missionary work. What argument did you use, pray?

"Well, I told him that Christians didn't have to have more than one wife."—Cleveland Leader.

That All? Anxious Inquirer—Mrs. De Mode, do tell me what is to be the correct thing for summer wear at the seaside resorts this season. Fashion Authority—The usual coat of tan.—Chicago Tribune.

PRODUCTION OF LITHIUM.

Minerals of This Character Are Not in Great Demand in This Country.

A mistaken impression prevailed in this country for several years that there was a large demand for lithium minerals. The result was overproduction. In 1905, however, sharp retrenchment occurred, and the production fell to practically nothing. As reported by Mr. E. O. Hovey, special agent of the United States geological survey, it amounted to only \$1 short tons, valued at \$5,155; in 1904 to 1,155 short tons, valued at \$22,425. There were no imports of lithium salts into the United States during 1905.

The mines of Pennington county, S. D., which formerly produced the greater part of the lithium ore consumed in the United States, were entirely idle during 1905. It is not likely that work on them will be resumed before the stocks of ore now on hand have been considerably depleted.

Practically the only minerals which have been mined as ores of lithium have been amblygonite, lepidolite, and apodumene. Amblygonite has been found in commercial quantities only near Fair, San Diego county, Cal. This region is also the only one in the country where lepidolite, or lithia mica is produced in commercial quantities.

The principal use of lithia ore is for the manufacture of the carbonate of lithium, which is utilized in the solid form and in solution for medicinal purposes, especially for the manufacture of so-called "lithia waters." Lithium salts are used also to a small extent in the manufacture of compounds for the production of colored fire. The metal litargis a flame with a beautiful shade of red.

IT WAS THE WRONG BABY.

Bibulous Husband Tries in Vain to Steal a March on Watchful Wife.

The clerk was smiling broadly and a caller asked him the cause of his jocularity, relates the Baltimore Herald.

"Why, it's a story a Missourian who is staying here just told me about a friend of his who is a well-known contractor here in Baltimore."

"Shall we have the story?" asked the caller. "Sure," returned the other, "only we'll have to eliminate names. This contractor is sometimes given to brief sessions of brouhousness, and while returning from one of these a short time ago he made up his mind that he would not disturb his wife on reaching home he was successful in finding the keyhole, and after careful effort he successfully navigated his way upstairs. Here he saw—or thought he saw—in the dim light which the electric lamp outside shed through the window the five-months-old baby sitting up in the rocker, while his wife was comfortably sleeping in the bed beyond. Softly creeping over to the rocker he took the baby in his arms and began to rock her to sleep, when his wife awakened.

"John," she said, "what are you doing there?" "Oh, my dear," whispered John, "I'm rocking baby to sleep."

"Baby's been asleep for over an hour," said the patient wife, reproachfully. "John, put down that doll and come to bed. I rather think you need a little sleep."

Effort to Save Elephants. Travelers from Africa are urging the governments of Europe to take steps to preserve the elephants in their respective colonies and spheres of influence. In India the government controls the forests and the laws are strict. When elephants are dangerous, permits are issued for hunting the "vagrants" or bad elephants, and when they are killed all permits are revoked. In Siam all elephants belong to the crown, and are never killed. Every five years there is a government inspection of them, all white elephants are sent to the prince royal, and the domestic stock is increased by careful selection from the general herd. The elephant there is appreciated as a laborer and a domestic servant; but in Africa thousands are killed every year for their ivory, which is whiter, harder and more esteemed than that of the Asiatic elephant.

Woman's Progress in China.

Chinese women are being emancipated. Schools for the daughters of mandarins have been opened, and some Chinese girls are even attending courses at the University of Tokio. Periodicals for women are issued in some of the larger cities, and a book has been published which is devoted entirely to a plea that girls should be allowed to select their own husbands. The press encourages this movement. She has endowed a school for the families of high officials, and has given orders that the practice of foot-binding must be given up.

Germany's Patent Office.

The German patent office comes in for much censure. One would suppose such an institution to exact no more of inventors than is needed to pay current expenses, but in reality the charges are so high that the state pockets half the income as profit. It is pointed out that for poor inventors matters are almost as bad as they were when Gutenberg, after inventing the art of printing, lived in poverty, and finally had to pawn his apparatus.

TIMBER WASTE BY FIRE.

Need of Scientific Forestry in the United States is Very Great.

A forest fire is a terrific thing to fight when it once gets a fair start. Often it is practically beyond human control not long after its destructive work begins. And it is a prodigious waster of the natural resources of the United States. Probably no other country suffers so much from fires in forests, says the Cleveland Leader.

If the timber of America could be saved from damage and destruction by fire the day of the exhaustion of the forest wealth with which this republic was wonderfully endowed would be indefinitely postponed. Fires not only ruin trees ready for use, but kill millions of young saplings. They prevent reforestation in many wide areas which have been denuded of their original timber.

The tragic news from northern Michigan and neighboring districts in Wisconsin is a grimly impressive reminder of the havoc and peril of forest fires. The story is old. It has been told over and over in the United States. Many thousand lives have been cut short, in the aggregate, by fire in the woods. Uncounted millions of dollars worth of extremely useful property has gone up in smoke. The nation's resources have been wasted.

There is room for vast improvement in the guarding and care of American forests. It is possible to prevent many fires which would be terribly destructive if permitted to get well started. Others can be put out while still small enough to control. The whole wide field of forestry is open for progress which will mean much to the United States.

WARNING TO FISH EATERS

Study of Leprosy by English Physician Brings Out Startling Fact.

Dr. Jonathan Hutchinson, one of the best known of English physicians, who has been devoting himself for years to the study of leprosy and its causes, has set forth in a long letter to the English press his conclusions concerning this loathsome disease.

Not content with studying leprosy at every point in Europe where it had appeared, Dr. Hutchinson made a journey of investigation through the leprosy districts of South Africa and India, the result being to confirm his original theory that leprosy at all times and in all countries is caused in a great degree by the consumption of imperfectly cured or tainted fish.

In India he found vegetarians are almost wholly free from the disease. Whenever the dietetic use of cereals has lessened the consumption of fish the ravages of the disease have either been decreased or altogether discontinued. Hawaii and other of the South Sea islands had no leprosy until fish-curing was introduced as an industry.

That leprosy is not contagious is shown by the fact that attendants in leper hospitals do not contract the disease, but numerous cases are on record where healthy persons, going to countries where the disease is established, eat the fish of the country and become afflicted with the disease.

GOATS DID THE MOWING.

In Two Summers the Brushers Cleared a Hillside of Brambles and Briars.

A flock of Angora goats were put on a rocky hillside that was desired to have cleared and gotten into grass, says a writer in Country Life in America. It was such a tangle of brush and briars that it was difficult to make a way through it.

The goats actually ate their way in until it was penetrated with paths in all directions. After the leaves within reach were eaten they would stand on their hind feet, with their forefeet in the branches, and so eat the leaves higher up, or, if the brush was not too large, would climb them, their weight against and bend it to the ground, where others would help strip it of its foliage.

The leaves would come out again only to be eaten off, then the sprouts would come from the roots to share the same fate, until at the end of the second summer everything in the shape of a bush not over six feet tall, except the pine and laurel, was completely killed, and white clover was beginning to appear.

Visitation of Frogs.

An Australian town near Melbourne had a strange visitation. An army of frogs probably from a nearby morass swarmed into the town. They covered the roads, and got into the houses, whence the householders had to sweep them or shovel them. The episode caused somewhat of a scare in the minds of the superstitious, and some of the old folk declared the end of the world was at hand. The invasion, however, finally passed on to some more congenial haunts, and the chorus of "Brek-kek-kek-kek koax," which Aristophanes put into their mouths.

Tax on Church Chimes.

Included in this year's budget of the town council of Santa Cruz, Tenerife, was a tax on the ringing of church bells, at the rate of 20 cents a chime, but the civil governor vetoed the scheme.

To Make Sure.

Miss Hascoigne—Er—before announcing our engagement, count, I—er—I think perhaps it would be more satisfactory if you had your—er—title guaranteed.—Los Angeles Herald.