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WERE LOST	Two Travelers Have Terrible
S IN THE	Experience in
CATACOMBS	Underground Passages. :::

Thirty years ago I was a girl of have been a painful grip, and I could hear him breathing hard in the vel-18, spending my first Easter in Rome with old family friends-Mr. and Mrs. vety, impalpable blackness. Each moment we expected bony fingers to Anderson and their only son, Maurice, clasp us by the throats, or some other a bright, jolly Cambridge undergraduate, whose spirits, alas! were in a horror to emerge and confront us. How long this tension continued much better state of repair than his do not know. It seemd like hours, but

lungs. Mostly for his sake we had drifted was probably only of a few minutes' slowly down the Riviera and dawdled duration. Then, far up above our heads the rustling recommenced, accompanon in Rome, until now it was absolutely imperative that the next day ied by shrill, bird-like chirping! Of the relief to our strained senses! Si should see us start for England. Maurice and I had determined to multaneously we gasped, "Bats!" and visit the Catacombs of St. Calyxtus, could have laughed at our terrors of he moment before. but, with the usual dilatoriness of youth

After this, as it was useless to at we had postponed the trip until the tempt to light the candle, we sat very very last day of our stay. Being anxlous to see some fine frescoes that had quietly for a long while in the dark- go to Havana. ness. Maurice had his case full of recently been uncovered, we decided, cigarettes, and, by shielding the match though it was getting late in the afvery carefully in his cap, we were able ternoon, to drive out to the Catacombs and see if we could persuade a guide to light one each, and I felt grateful

to take us down. the unlady-like accomplishment of Said and Irkutsk, Siberia, for instance. On arriving at Porta San Sabasti-

ano, we found that all the regular smoking. I think, after a while, we must have disagreeable-looking man, sitting and fallen asleep, for it seemed a very is wicked and gay. And five hours another trial and again reported the drinking outside a small tavern, at long time before Maurice spoke again. from the United States, last consented to take us through if He said he felt so thirsty that he must we would wait while he finished his go back to the passage we had first been in and try to scoop up some of American tourists. In Havana the "gay We agreed that it would be no dark- the water lying there. He said he life" is for the natives. Its wickedness shipped them overland by ox teams to supper.

er inside the Catacombs at 5 o'clock knew quite well which turning it was, is part of its life, than it was at midday, so we possess- and he would only be away a few ed our souls with what patience we minutes. He left me two matches and And of its 57 varieties of wickedness by sailing vessel to a smelter in Swancould muster while the surly looking another cigarette, and I heard him the mildest is gambling. Gambling sea, Wales. In about six months from stumbling away over the broken ruffian ate and drank. The tether of an undergraduate's ground. 'It seemed to me that several

patience is proverbially short, and minutes elapsed, and still I heard no is a bank roll. Roulette, faro, hazard soon Maurice would allow the man no sound of his return, so I called himpeace, but, by worrying in his broken softly at first, then louder, as my panic Italian, at length cajoled him into grew more intense. At a certain pitch of my shouting i

leaving his meal unfinished. Arming each of us with long pieces of twisted struck upon some sound-wave in the candle and grumbling under his caverns, and immediately all the vast breath, the guide led the way and we extent of the labyrinth took up the cry. Every tunnel and passage echoed descended into the Catacombs. All went fairly well for some time, "Maurice! Maurice!" and the name

and as we traversed passage after was repeated in every possible gamut passage and turned this way and that, of whisper and growl. The bats shufin the tortuous windings of the vaults, fied and stirred overhead, ghostly forms seemed to rise out of the darkour guide explained the rude frescoes adorning the roof and sides. But, alas! ness, and at last my nerves gave way that was where the trouble began, for and I broke down, sobbing myself into his English was, if possible, a shade a state of semiunconsciousness. more peculiar than Maurice's Italian, When I awoke again Maurice had and, from shouting questions and an- not returned, but I felt that it was

the full value of the radium contents water, rendering his candle useless. Miscellancous Reading. is thus saved. Surrounded by any-He had vainly used up the last of hi matches endeavoring to relight it, and had thenceforth wandered aimlessly ROMANCE OF A RADIUM MINE. about in the dark, a prey to every terrible imagining.

inanimate body.

World Magazine.

IS NOW THE WICKEDEST CITY.

They say good Americans when they

They are wicked cities, but their wick-

edness is of a sordid variety. Havana

In Paris the "night life," gay restau-

can woo the fickle goddess as she can

be wooed nowhere in America. And,

what is more, it is fashionable to do so.

morning the daily round has its begin-

\$100.000.

hibitions.

hurrying to the theatres.

tobacco and matches.

modest compared

nearly all dressed in the height of fash-

ion. Havana is one of the richest cit-

ies in the world. Its styles come direct

from Paris. The only cheap things are

At 8 o'clock performances begin in a

dozen theatres. At the Payre grand

opera is sung by a company of artists

headed b Constantino, of the Metro-

politan forces. At the Albisu a Span

ish opera company from the City of

Mexico is singing "The Chocolate Sol-

dier" and "The Count of Luxembourg.

In the moving picture and variety

with the dance

theatres one finds real wickedness. The

theatres, where the public is admitted

for 25 and 50 cents. The little plays

are beyond description and the actress

At midnight Central Park, which

The dancing, even at the fashionable

The gavest affairs are given on Sur

day nights at the Theatre Nacianal

They begin about midnight and las

until 8 and 9 o'clock Monday morning.

The New Miramar, which is run by

Walter Burbridge, who used to be as

sociated with Canfield, is the Mecca for

Dinner there costs about

halls, would be called "immoral"

es wear very scanty attire.

tolic liquors in Havana.

America.

ourists.

vishes to play.

At the Marti farce comedy reigns.

Havana the Most Wide-Open Place of

the Western Hemisphere.

Only Source In the United States Has Hours afterward they had come up-Had an Interesting History. on a large white goat-the cause of

One of the principal sources of the my last fright-rushing wildly toworld's supply of radium ore is a mine ward a distant spot of light-the hole in Colorado, which was abandoned by in the rock by which it had entered. its first owner. It was a failure as a Following back in the direction from gold mine, but as a producer of radium which it had come, they had found my it has made rich the man who rediscovered it. It is the only mine of its

The ruffian who had so basely de kind in the western world. serted us was never discovered, though Away back in the sixties a miner in every possible investigation was made Central City, Col., broke into a body Though much exhausted by our try of ore one day that was different from ing experience, we left Rome at the any other he had ever uncovered. It earliest possible moment. Unfortu was massive, extremely heavy, glassy rately, however, the exposure of tha in appearance, hard as quartz and had the world was moving-so one school dreadful night, acting upon a consti a peculiar glint. It was heavier than of scientists assert. One substance tution already delicate, was too much any ore in the same vein, and in color for poor Maurice, and on the twenty and appearance it was quite different first day after our adventure he died from any other mineral known in the victim to Roman fever.-Wide

district. The miner took about 1.200 bounds, or eleven sacks of this ore to to decay and die, so with the substance the local smelter. He did not know what it was, but he was confident he he was on the highway to fortune. The manager of the reducing plant after examining it carefully, ann it was worthless.

die go to Paris, but "live" Americans The miner had an intuition that sometimes comes to men who dig in Havana, gay, wicked, wide open, i the hills, and which cannot be exis the one city today to be shunned or plained, that somehow or other the visited, according to one's point of smelter people were wrong. He was view. Several cities have been called indeed that my education comprised the wickedest city-Reno, Nev., Port still confident that the rock contained great values, and said so.

Impressed by the miner's earnestsection or district could be concentraness, the manager of the smelter made ted into one point in its pure state, i s probable that there would be an explosion that would split a mountain that would have settled it. With this with such tremendous force that the man the case was different. He placed rants and dances are for English and shock would give the world a wrench the ore back in the eleven sacks and such as the history of man does not eveal, but which the science of geol-St. Joseph, Mo., thence by river to St. ogy records, indelibly, and for all ages

Louis, by packet to New Orleans and Everything in Havana is wide open. in the eternal rocks that form the oundation of the world. As radium disintegrates, it is doubt

ess thrown off in pieces finer than the bottom of a great freighting waganything we have any knowledge ofmen and women. All that is necessary on he received a check for \$11,000, or in other words into the millions upon and good American poker are at hand. \$1,000 for each sack he had shipped, millions of divisions that combine to Jai Alai, the popular Spanish game of after all expenses had been deducted. nake the atom-and the atom is so small that the average man does not get a good share of the industry. skill, on which such big sums are won Armed with the check he called on the and lost, no longer flourishes, but it is smelter man and told his store. bother about it, unconscious of the "May I see the analysis?" asked the scarcely missed. Burbridge's Miramar fact that it is the aggregation of smelter manager. hotel is a temple of chance where one atoms that form the substance which,

"Here it is," and he passed it over In turn, make up the world .-- New fork Press. The face of the metallurgist was

THE DAYS OF ELECTRICITY.

ning. A half dozen peddlers of lottery the first place, the Welsh smelter paid Comforts and Conveniences Have Bee tickets interrupt the meal. The lottery a high price for the uranium in the Wonderfully Increased. in Cuba is run by the government and ore-a far higher figure than the mar-

who well remember when

We had no telephones

No electric railways.

No electric elevators.

No vacuum cleaners.

No electric lights.

No electric ranges.

Few electric motors

We had to walk the city streets on

ride a horse car. The suburban resi-

dent sections of to-day were un-

dreamed of and everyone tried to live

as close to the business section as pos

sible. Hacks did a thriving business

We could not call up anyone on

he telephone. The mails and mes-

senger hovs did the work. The tele-

graph was in use but the lines were

No trolley cars.

No electric fans.

discussing business matters with his Few, indeed, are left to recall tho partner, and then vanish to a secluddistant days preceding the application ed and partitioned off corner in one of steam engines to railroad at steamboat work. But there are plen of the upper floors. Any one who could have seen him ten minutes later -though no one ever could-would

the globe, and they would tumble over each other to buy of him, paying him Klondike "Mushers" Are Hardy and his own price.

thing else the rays are thrown in such Some Were Acquired By Accident, Othminute particles that they have no ers Are the Result of Hard Work. difficulty in finding their way through Down at Sailor's Snug Harbor one the container in a continuous, invisi afternoon nearly fifty years ago a govble, though flery bombardment.

GUARDING TRADE SECRETS.

ernment photographer who had noth-Radium is beneficial and perilous ing to do just then picked up a little mankind. It is safe and dangerous. plece of rubber and commenced If a scientist explained it, it would be hewing. That moment began a busperfectly clear to him, almost clear to ness that now embraces many consome other scientists, but steeped in erns and is one of the big moneymystery to the average mind. The making industries of the country heat in radium is probably created by the disintegration of the salts of which For nearly a quarter of a century, however, it was a closely kept trade t is composed, just as the mantle of a secret that proved to be worth milgas lamp burns away, or the filament

lions. of an electric light constantly throws The government photographer was off minute particles, until it snaps at Thomas Adams, and the secret he one point, and is rendered useless. worked out to his immense profit was one time pretty nearly everything in chewing gum. Few gold mines ever discovered would have done so well for him. There had been gum for went to pieces and combined with an chewing purposes before, but, made other, to make new things for man to from paraffin or spruce gum. It had toy with. Just as a plant that reaches never interested the public. The rubits maturity immediately commence ber this man chewed was simply the beginning of the idea. What it might in the world. Radium is going to mean did not pop into his mind for pleces, but instead of doing it sudden ly, like the explosion of a boller, causseveral hours. By that time he realized it was proving a lot of comfort ing great damage, its energy is lost to him, and he was continuing to engradually, as would be the force pent joy the sensation. "Ah, ha!" he finalup in the boiler if several valves were ly said and chuckled. It had just leaking. For radium is combined with

flashed across him that a large perand retained in other minerals and in centage of men and women would find infinitesimal atoms, and while it dis a lot of pleasure in a substance that integrates it is retarded, and its de would be yielding and at the same structive force absorbed in the surtime practically everlasting. But it rounding matrix of uranium and othmust be tasty before all. er minerals. If the radium of a given It took three or four years of ex-

perimenting before the proper product was discovered, chicle, which is a gum from a tree grown in South America, Central Mexico and some parts of Mexico, cooked, sweetened, kneaded, and finally cut into little strips after it reaches here. But when it was first marketed it went with a whirl. When the government photographer died twenty years ago or

so he left each of his four sons independently rich. Today, it is interest ing to know, almost 4,000,000,000 pieces of gum are made each year in this country. The trade secret no onger exists, but the four sons still

From out of the drawing rooms of big, old-fashioned house in New York there stepped each morning at 9 o'clock for many years, after feasting his eyes on the art treasures he had collected, paintings and porcelains, a perfectly garbed man. He would go down to an old building not far from the Battery, sit at his desk in his office for half an hour or so,

firm.

MEN SAFE AT 70 BELOW ZERO.

Go Dressed for the Cold.

The last of this wonderful watch "It is hard for the people of this oil that has never been duplicated, section of the United States, after a and it now seems likely never will, sold in Boston at \$200 a quart. This local cold spell of three weeks, during was thirty years ago. The man that which the mercury ranged from a litmade it, and who alone knew its com- the above to many degrees below zero, to believe the stories from the arctics position, died, and not even his name or place of burial is recalled. The coming in lately about men stampedinventor never revealed any of the ing in temperatures of from 60 to 70 details of his mixture. What makes degrees below zero to the Yukon terthe story more pathetic is that he nev- ritory gold diggings on Sixty Mile er knew the extraordinary oil he had creek, east of Dawson City," said Frank Frantius of Chicago, who was made. It was not until after his death in the rush to the Klondike in 1896 that its real value was seen.

and 1897, the other day. When the man died, disheartened, "I am sure the gold hunters of the his bookkeeper, who had about \$600 due him, took what oil was left. There north are doing just what it is asserted they are doing. They have reachhad not been much of it turned out, for watchmakers were suspicious of ed a degree of resourcefulness and it, and had not given it a fair and full hardiness that is little short of marvelous. Some of them travel huntest. But the bookkeeper, who provdreds of miles in such frigid weather ed a better salesman than his master finally sold it to a famous clockmaker as that country always has at this time of the year, through sections of Boston. He, in his turn, induced where there is not a single human haba great chronometer maker of Lon itation, reach their destinations withdon, Frodsham, to try it out. Frodsham made a remarkable test, using out frosting so much as a little finger, the oil on some ship's chronometers of and set about the work of going to the finest type sent on an arctic voy- bedrock for gold with as little eviage. The oil proved wonderful. When dence of suffering as if walking along the ships returned it was as fresh as Michigan avenue in May sunshine. "They accomplish the when first put on.

The oil had now proved itself, but impossible by going prepared for the there was only this very small quantity excessive frigidity they know they are in the entire world. About this time going to encounter. Their coats are Willard, the Boston clockmaker, who fur inside and out, their underwear is had bought it, retired, and gave it heavy and close knit, and their trouto an old employe as a mark of af- sers are of sheepskin, upon which fection. Its new owner fully realized there is a growth of wool from two 10 its value, and that it might be kept three inches in length. They carry safe, divided it into four portions and with them fur lined sleeping bags, placed them in four different ware- which they place as much out of the houses in Boston. There were just wind as possible at night and creep into them, carefully drawing head and four quarts remaining. The great fortune that easily might hands inside. Up there men do not have been was lost. Any quantity of travel alone. Two, three or five 'mush' over the tundra together, having a that oil could now have been sold. The new owner hoarded what he had, sled and four to six of the wolf dogs waiting to sell it gradually at the common in the Yukon country. Uphighest possible price. But a sudden on the sled they carry their provisions, "visitation of God" came upon him. and, contrary to the general great fire descended upon Boston, the United States, there is always and, by a strange fate, destroyed three some sort of wood for fuel to be found of the four places where the oil had -willow, cottonwood, fir or pine.

"The slogan of everybody is hus been stored. The single quart left was eagerly snapped up by a huge tle,' and they go about getting their watch concern. They would only too meals, water and fuel with such vim gladly have paid other sums of \$200 that they seldom need aid either in amp or on the march. When, in rare each for many more quarts.

Day and night a noted firm of instances, one of a party sauce makers has, for a century now, or exhausted he is usually buckled in guarded the secret recipe of its proa sleeping bag on the sled with the duct. This precious knowledge, which supplies and carried along with the could be written out on four or five expedition. It sometimes sheets of foolscap paper, is easily necessary to place a hot iron at the worth half a million dollars. Only feet of the alling, and once in a great one man knows it, the head of the while a party is forced to stop for a This has been the custom of time, build a snow house and give spethe "house" ever since it was found- cial care to the disabled. Those Kloned. In the vaults of a bank in a seal- dikers, however, are about the grittlest ed packet which can only be opened men on the North American contiin accordance with certain testamen- nent, and where one falls by the way-

impossible to remain long be the other's native tongue, they fi- state of inaction, so, taking the taper nally got intensely irritated with the with me, I felt my way very carefully around the wall until I came-to the difficulty of understanding one another. In spite of my earnest entreaties opening by which I fancied we had entered.

to Maurice to be careful and not need-When I had gone a little way down lessly annoy the man, he persisted in yelling at him, and at length with an it I used one of my precious matches oath, our guide roughly told us to and lighted the candle, as we had disstand still. A moment later he strode covered that the bats were only to be found in the high vaulted cubicula. off down one of the numerous tunnels, Shielding my light with the utmost which extended, as we knew, for many care, I proceeded down these intermiles beneath the earth. minable passages, but nowhere did I

As long as the glimmer of his light come upon any trace of Maurice. could be followed we ran after him, neither could I recognize any of the calling upon him to return, but presfrescoes or decorations upon the walls. ently I caught my foot on a piece of My watch told me it was nearly 3 broken masonry and fell heavily, dropping my precious piece of candle in o'clock, and after walking on in this way for about half an hour a panic the fall.

On recovering my senses I found that seized me that Maurice might have returned to the cubiculum during my Maurice had picked me out of the absence and, not finding me there. mud and seated me on one of the lithave gone again to look for me. In tle shelves or recesses, about a foot this way we might wander round after from the ground, which-centuries each other till death put an end to our been cut to receive the ago-had sufferings, as it was evident that few bodies of the early Christians. The tourists visited this distant part of the guide had vanished, Catacombs. By the dim light of Maurice's taper

Terrified at this new idea, I turne I could see that he looked very white to retrace my steps, if possible, to out and anxious, but a gleam of joy illuminated the poor boy's face when he original cubiculum, when, to my joy, I heard the sound of some one running saw that I was regaining consciousquickly toward me down a fairly wide ness passage that joined the one I was in

to whether he had found my precious at right angle: This must be Mau-One of my earliest questions was as rice returning, I thought, or perhaps piece of candle, darkness in such a the guide, who would help me find place being the worst possible misforhim. tune that could befall us. Luckily, he

I raised a glad cry, and started of had discovered it after careful search, and, though it was much damaged, he running to meet the new-comer. Then had pinned it on to the crown of his to my horror, the footsteps ceased. Instead, round the corner of the wall soft cap to insure its protection from appeared a narrow white face, surfurther harm.

rounded by a moving mist, like a spir-It was now nearly 7 o'clock, and we it shroud. From that pale countenreckoned we had been in the Cataance gleamed two enormous eves, fixcombs rather over two hours. ed upon mine in an awful glare! A "grizzly bear," the "bunny hug," are How we inwardly cursed our folly strange and offensive smell smote upin not having told any one at the hotel

n my failing senses, and once again shown on the stages of the of our intentions. fell to the earth unconscious. Although by this time we had, no The next time I opened my eyes doubt been missed, no one would have was still in the passageway, but-oh, the slightest idea in what direction to the blessed change! Several smoky search for us, and there flashed candles illumined the jagged walls, through our minds terrible thoughts

and two or three men of the peasant of the extent of the Catacombs. For class were talking excitedly together, and filled with life as Broadway and many scores of miles the labyrinths while another man with a badge on his Forty-second street before the theatres extended beneath the city, sometimes at a depth of 40 or 50 feet. What cap was dabbling my face with water swallow up the crowds. The cafes are chance, therefore, had we of making and telling me in broken English not o be afraid. our escape unguided?

The passage we were siting in was A few minutes' walk down the wide assage brought us to a large hole in very narrow-barely two feet across, in fact and very damp-so we decided the wall, through which to my sur to move on until we came to one of prise, streamed the glorious morning the larger chapels, from which the sunshine. Maurice, looking very white and tired, was there, with Mr. and minor alleys branch off.

Presently we came upon quite a Mrs. Anderson and two or three gen large cubiculum, from which five small tlemen from the hotel. My watch still indicated a quarte passages radiated. There was a tiny niche here in which we placed our to 3 o'clock, though they told me candle, and Maurice and I sat down on was really 8.30. Evidently it had a broken piece of marble that had, no stopped at that hour. On the way back to the hotel they told us that doubt, been an altar in the early days when we did not return in time for of Christianity.

table d'hote a hue and cry was raised, Hardly had we placed our treasured candle in safety and settled ourselves but it was not until nearly midnight than, to my horror, a loud whispering that a cab driver came forward to say and rustling commenced, and before that he had driven a young English lady and gentleman late that afterwe could determine whence it came noon to the catacombs of St. Calyx a shadowy something swooped down tus. He had stopped there about three and extinguished the light!

quarters of an hour, but then, as they With the darkness came utter si lence, and it was some seconds before had not ordered him to wait, he had we could recover our courage suffici- returned, supposing they had gon ently to consult each other as to this home some other way. A search party had immediately been formed, and for new terror.

At last Maurice whispered to me hours had been exploring the miles of that he had matches and that he labyrinth, hoping each moment to would relight the candle. Hardly had ome upon us. At about 2 o'clock they had me the tiny flame flickered into life than once more that indefinite something Maurice, wandering blindly in the His mother finally gave up. "Oh, my rushed forward out of the inky darkness, and again we were enveloped in misery. It seems that after leaving me sobbed.

he had found a pool of unknown darkness. This time the extinguishing was ac- depth, from which he had quenched bed.

companied by a curious swishing his thirst, but on rising from his

streets and sold at every corner store. worth more than its weight in gold. considered but a But the fact that the ena and a plaything of nature during ducts it does not guarantee its "being was so intimately and chemically associated with the uranium that in the on the level." At a recent drawing the seems almost incredible, yet it

with steel for surgical and other in-

items of the analysis of the ore. In

refining process used at that time it first prize was not awarded for the reatrue, that but thirty years ago elecwas weighed in the uranium, and son that that particular ticket had not tricity was unheard of outside of been sold. The public didn't like it, but hence no attempt was made to sepascientific laboratories.

smilingly.

Even as one sips his chocolate in the study as his eye took in the various

there are drawings every three months ket rate for gold. Uranium was used

for enormous prizes. The first prize is then, as now, as an alloy to combine

The tickets are hawked about the struments to prevent rust. It was

they kept on buying tickets, for it is rate it. The result of the shipment was their instinct to "take a chance." If one sits around a cafe any length fraught with great consequences. It changed the ideas of American metalof time-and a large part of every day is spent in this way-one is certain to lurgists and directed their minds along a new channel. It was the bebe invited to witness a cock fight. Cock ginning of the great advance that has fighting is one of the commonest sports in Cuba, and while it is against the placed them in the front rank of that law it is rarely interfered with. Large industry in the world. Some of the Colorado smelters began to buy urasums change hands on these bloody ex-

nium, but as the gold values in those ores declined and other sources of But it is not until after dark that Havana takes on its air of gayety. Then uranium were found that branch the purchasing trade in the United the Prado and the Malacon and the various parks become a fairyland of States fell off. Uranium ceased to lights. A band plays at the Malacon, rank among the precious metals, and the mines where it was found were as the boulevard along the ocean front is called. All Havana emerges from closed down. That was the fate of the ore in Central City, which was its cool and comfortable stone houses ready for a night of pleasure.

abandoned and almost forgotten for The cafes are crowded, there is

many years. All housework was done by hand constant stream of automobiles and Then the Curies discovered radium vithout the handy electric stoves, and the world rang with the news. carriages up and down the boulevards the motor driven appliances now in The sidewalks are filled with people Out in Los Angeles there was a miner use. They are

who read attentively every scrap of In hot days we sweltered for information that he could obtain about electric fan was undreamed of. the new and strange thing. He noted We read by flickering candles that the world was being searched for oil lamps and there were no are one that would produce the salts of ralamps to illuminate the streets after

dium. He read that uranium was a dark sort of first cousin of radium, and that There were no motor cars because wherever one was found the other was the gas engine would be impossible likely to be also. He recalled the story

without electricity for ignition purhe had heard about the abandoned poses. uranium mine near Central City and There were no electric door bells immediately started thither. Only afno buzzer communication from ofter diligent inquiry was he able to lofice to office, no electric flatirons cate the property. It had been abanno electric chafing dishes, toasters doned for many years. At last he grills, etc.

stood in the identical tunnel from Factories ran by steam water power. Cities were covered with a which the ore had been taken out nearly half a century before. He sepall of black smoke. Railroads could cured a lease on the property for a not run through tunnels withou nominal sum. Every one thought him the gravest dangers. Electric venticrazy, for the ore was so low grade lating systems for large buildings that it would not yield \$10 a ton and Electric signal were unheard of. the western smelters had long since systems for railroads were not used

ceased to pay anything for uranium. and the trains ran a good deal This man started operations quick- luck.

in the heart of the city, is as crowded Such were the good old days ly. He sorted out the uranium ore-We technically termed uraninite-and sent out a shipment of twenty-five tons ived and worked then did not miss He received in return a check at the filled with people, but instead of eatnever enjoyed them, but one of the rate of \$1,700 a ton-not so much for ing lobsters and draining cold bottles the uranium it contained as for the ragreatest hardships which might be they eat ice cream and sip soft drinks. dium that was hidden in it. Radium inflicted upon us today would be to There is very little drinking of alcodeprive us of the electricity. Without is estimated to be worth \$5,000,000 a pound. There was very little radium it we would be put to the greatest in-Of course, all of Havana does not go in a ton of this ore, and not much in convenience.

o the theatre. Many of the fashionaa carload, but it is so extremely pre ble set seek the clubs, some seeking the cious and the demand is so great that gambling palaces and others attend this man has found a ready market mask balls, which are given nightly.

without holidays altogether. When he for all he can produce. opened Kingswood school in 1748 he The uranium ore, after mining, nnounced that "the children of tenoncentrated-that is to say, it is pulverized and all the lighter particles are der parents, so called, have no business here, for the rules will not be bro washed away by the action of water ken in favor of any person whatso lowing over shaking tables, leaving ever. Nor is any child received unless the heavier ore containing the uranihis parents agree that he shall observe um with its radium. This is shipped to Niagara Falls, where by a special all the rules of the house; and that process, in the high temperature electric furnaces in operation there, that not for a day, till they take him for portion of it containing the radium is good and all." Further, no play days were permit

twice as much as any place in New reduced to the point where a carload York or Paris. If one is well dressed of it can easily be placed in a largeand loks prosperous he is asked if he sized valise. This is then brought to this city, where it passes through an-The second floor is one big gambling other process. Then it is forwarded oom, and it is thronged nightly by to London. By that time its bulk has scores of American visitors as well as been reduced so it hardly fills an orich Spaniards.-Milwaukee Sentinel. dinary cigar box. When it leaves

Recognized Authority .-- A little lad London for Paris the residue may vas desperately ill but refused to take easily be carried in one's vest pocket.

the medicine the doctor prescribed. In Paris it goes to the Curie establishment, where the radium salts are isolated, in a room entirely surrounddark, half dazed with exhaustion and boy will die, my boy will die," she ed by walls of lead. As radium con-

Presently a voice piped up from the stantly throws out rays by reason of thinking of me." its continual disintegration, it must of "Don't cry, mother. Father'll be

he made a very good job of beating the worth it, for the fortunate possessor necessity always lose value. When

tary instructions. side 1.000 will have the "head," lies the full detail plain- ish and be ready to assail mother shirt, overalls and old shoes. This concern were perfume makers, and ly and simply told. Not even the greatthis man had the secrets of the mixest expert, with all the records and hour after they reach the promised tures. All alone he used to add the papers of the office at his command, land.

finishing touches from mysterious botcould put together the secret without tles in his locked cabinets. His partthis. ner could not have done the work, and certainly no one else in the house At 3 or 4 o'clock he would come down will master the contents of the packagain arbiter elegantarium, and later et, committing it to memory in such he would wander up town to seek out more objects of art. Not until he was well along in years and there was likelihood that the secrets of certain valuable perfumes

might die with him did this "mixer," the coming of the next heir to this glorious ones. who had heaped up a fortune by his business throne. The new incumbent skill, consent to teach certain trustwill make a new will, and insert a worthy assistants. It was a pang for clause covering the valuable docu him to do it, and he never felt quite ment.

sure afterward, though the secrets have never been divulged. A trade secret may be, and fre quently is, beyond all price. Certified checks up to almost any figure are waiting to be signed for them keen business men lie awake nights worrying because this and that are beond their reach. There is so little posibility of buying some that almost any man of any importance connected with such a concern is hunted out by the unscrupulous to entice him into betrayal. A man who really knew and could be tempted could get a neat little fortune for his treachery within a few hours. It speaks well for individual honred in the world.

esty over the world, and in America particularly, that a trade secret seldom leaks out, When it does it is generally due to the fact that ingenious experimenters have figured it out from their own brains and nobody is to blame. Time and again this has

been accomplished, and a great dividend payer goes by the board. No one has discovered yet, however, and one of the most profitable commercially. This is the chartreuse, the famous liqueuer. The 01 nonks of the chief Carthusian monas-

many times. tery of the world, La Frends Char-Thus this big secret has been kept faithfully for several hundred years. near Grenoble, France. The White The Turkish empire has a like case. time immemorial they have made this wonderful new methods for inlaying \$70 a ton.

metals. But none pass muster alongsued an edict against them in 1903. side of the Turkish government's confiscated their property and drove state secret of inlaying the hardest rules are much stricter than in the them from their monastery. But they steel with gold and sliver. The way United States. For instance, a creek did not get the secret of the doughty it is done is perfection, and the mys- claim, one running along a stream, is

tery remains unrevealed. monks. The White Friars are making their famous chartreuse yet, and not an imitator of them has come anywhere near succeeding, though thousands of precious French gold coins have gone into repeated trials. Chemists have long since found out what Chartreuse is made of. They can hand out an accurate formula of the thirty-five odd ingredients of it But they cannot put them together and concoct the real, true chartreuse. old brandy the White Friars have sequestered and use as the base. Ac-

New York Times. monks "lay down" a new supply of Didn't Deny It .- Sir Wilfrid Laurier was once on an electioneering dier. actly fifty years before. But nobody tour in Ontario, and as the elections was made to stir up race and religious is that no one else can turn out gen-

prejudice. One day a Quebec Liberal More than once a valuable trade sent this telegram to Sir Wilfrid: secret has been lost beyond recovery, "Report in circulation in this coun owing to peculiar circumstances. The try that your children have not been best watch oil in the world, for exambaptized. Telegraph denial." Not a To this the premier replied: "Sorry to say report is correct. are many that would pay a good-

have no children."-Tit Bits. ार्रने' Many a young man's interest in an

earth with torch, pick and shovel an "These gold hunters, as Mark Twain said of another hand of pioneers on

The new senior partner, then, in the occasion of their scaling the bedience to the concern's traditions, Rocky Mountains to reach California before the civil war, 'are no simpering, dainty, kid-gloved weaklings, but stalfashion that he will never forget it. wart, dauntless braves, brimful of will be the one great, vital fact of push and energy, and royally endowhis life. Then he will seal the treas- ed with every attribute that goes to ure up, and the packet will go back make up a peerless and magnificent to the vault again, marked to await manhood-the very pick of the world's

"A considerable number of men who are racing this winter for the headwaters of the Yukon, Sixty-Mile creek and their tributaries are pioneers of

Heads of departments and the jun Alaska and Yukon territory, and they or partners know portions of the realize as no 'tenderfoot' can how big secrets. Even if they should much of a bonanza there may be at treacherously combine, however, and the end of their northland rainbow. fit their knowledge together, nothing Some of them remember that in the would come of it. The key and the little creek just out of Dawson City in 'coping stone" lies in one man's brain 1896 George Carmack, discoverer, and his party of half breeds took out of and the little packet in the vault. placer claims \$1,200 in eight days; that Governments have some of the best once two men in two days gathered trade secrets going. The Chinese empire is the owner of the secret of \$4,000 in nuggets varying in size from making vermillion red. Many people a pinhead to a pea; that three Swedes can make reds of innumerable shade put gold to their credit at the rate of and tints, but only the Chinese gov- \$17 a minute all the winter of 1897 ernment the vermillion. This may or and 1898; that William Ogilvie, Canamay not be the most beautiful of dian government surveyor, found reds. It is certainly the most famous \$590 in gold in a single pan, and that of the 300 claims staked on Bonanza

Any employee, high or low, creek not one proved a failure. these government workshops where "It will not be known until May or vermillion is made would die instant-June next whether the men who are ly if he divulged the smallest part of now rushing to Sixty-Mile creek land the processes of manufacture. Sples in 'rich pay dirt.' They will be obligconstantly follow the workmen, and ed to pursue the Klondike method of particularly shadow those who have alternately thawing the frozen ground any responsibility. Every movement with big fires and throwing the loose of the chiefs is known. It is a cer- dirt on 'dumps' ready for washing in tificate of probity and reliability just the spring. In the meantime provisions the oldest trade secret of the world, to be employed in the making of this up there, I learn from a former pal at product, and the Chinese affirm that Skagway, have jumped to prices that making of there the men in charge have been make those of Chicago, considered outproved above every temptation. They rageously high, seem decidedly small. secret is held by the White Friars, the have been tested by the spy service So-called butter is selling at \$1 a pound, eggs \$2.50 a dozen, sugar 30

cents a pound, oranges and lemons 75 cents apiece, potatoes and onions 75 cents a pound, ham and bacon \$1 a Reports come from time to time of pound, kerosene \$1.25 a gallon, hay

"In the British possessions, in which this new gold country is located, the by law, 250 feet long and may not be

more than 1,000 feet wide. It is re-The Turks employed in these govquired that other placer claims shall ernment factories must pay guarantees for their faithfulness and hon- not be more than 250 feet square. esty, substantial sums. They know Moreover, the Canadian government reserves every alternate ten claims. that if any part of the secret gets out there will be relentless tracking down, To prevent useless occupation of a and death will be meted out to the claim it is stipulated that if its occuguilty. No man can work in one of pier fails to work his property for 72 these factories unless he is of a family consecutive hours his right to it is of good standing and is himself of forfeited. There are dozens of other real character. Not a hint of the rules in force in the British arctics. secret has ever crept out. As in the but in spite of them it is asserted ilcase of the Chinese government's ver- legal jumping of claims is almost unmilion, spies are plentifully used .- known there."-Chicago News.

Straight from the Shoulder .-- The colonel was talking to the private sol-

"You are a remarkably clean man, were bitterly contested every effort sir," said the colonel. "Thank you, colonel," said the pri-

> vate. "But, sir, you have bad habits." "I am sorry for that, colonel."

'You drink, sir."

"I am sorry for that."

"Oh. I know you are sorry, but why

don't you drink like me?" "Colonel, I couldn't do it; it would

kill me."-Popular Magazine.

## The smaller the bribe the greater

Strict School Rules .-- John Wesley held that school children should do they will not take him from school, no. Some say that the secret lies in a very ording to this story, each year these

ed, and no time was ever allowed for play, on the ground that he who plays this brandy, and use in their charwhen he is a child will play when he treuse making only that prepared execomes a man. Every Friday the hildren had to work till three in the exactly knows. The one certain thing afternoon without breaking their fast. uine chartreuse.

Spring Cleaning .- A couple of North Side neighbors were leaning over the back fence, exchanging gossip, as ladies will. "My husband," remarked one, "says ple, cannot be made today.

e always does better work when he is person knows just what it is. There "I notice," responded the other, "that sized fortune to know. It would be

uld have as customers every watch

hear so much about. The folk who treuse, situated in an Alpine valley these things inasmuch as they had Friars date back to 1134, and from cordial. The French government is-

