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MERCURY DEPOSITS FOUND IN ARKANSAS

Washington.—Discovery of deposits of mercury in Arkansas adds another important metal to that state's list of mineral resources.

"New domestic mercury deposits are important because more mercury is used in the United States than in any other country, and more than one-third of the domestic consumption now must be imported from Europe," says a bulletin from the National Geographic society.

"Mercury has been known for at least 2,500 years, but its wide use is a development of recent centuries. Today it is employed in about a thousand ways.

"A thin stream of the silvery liquid metal sealed in a glass thermometer tube has long been man's aid in determining temperatures; in barometers, weather forecasters depend upon it to foretell changes in weather; in altimeters, it aids aviators to determine how high they are flying; and marine engineers use it in meters to estimate the flow of water.

"Mercury often does its best work where man least expects it. The life of many a sleeping voyager is guarded by huge lighthouse beacons that revolve on floating mercury bearings, and many toothaches have been avoided by gold or silver amalgam teeth fillings made possible by mercury. The life of dry batteries is prolonged because mercury protects their zinc plates.

The golfer plays on velvety greens and the farmer harvests healthy crops because a small quantity of mercury, mixed with fertilizers, kills insects that attack plant roots. The ship owner cleans the scale from the hulls of his ships with mercury and covers the hulls with paint containing mercury because it thwarts the rapid growth of barnacles. When fashion decrees that felt hats should be 'nappy,' the hat manufacturer produces the desired effect with mercury.

"In many ways the metal loses its identity in various kinds of mixtures. It is in milady's rouge box and lipstick case where it is available to produce synthetic pink cheeks and red lips. The 'silvered' mirror into which she peers to apply her cosmetics is in reality, a 'mercuried' mirror.

"About one-third of the world's supply of mercury is used in the drug and chemical industries. It helps to produce soda used in the manufacture of artificial silk and is an ingredient of some dyes.

"It is mercury that produces the green lights and helps to produce the blue lights in colored light advertising signs. Because it is dependable in maintaining even temperature during oil distilling operations, it is an important 'tool' of the oil industry.

"As a safe, dependable detonator for explosives, it was one of the so-called

war minerals during the World war. In peace times its detonating uses are legion. It helps to blast tunnels through mountains and gouge cuts for railroads and highways, razes tree stumps and stones to clear land for many purposes, loosens limestone, granite and barble from quarries for new buildings, and dislodges minerals from mines.

"Radio programs are amplified in American living rooms by radio tubes in the manufacture of which mercury had a part, and many electrical devices used in modern buildings were produced with the aid of mercury. One of the most outstanding recently developed uses of mercury is in power plants. The new plant uses mercury vapor instead of steam.

"Now and then mercury is found in its liquid metal state but more often it appears in a red mercury-sulphur ore called cinnabar, from which the metal is extracted by a roasting process.

"Mercury is known to exist on every continent but most of the world's supply comes from Spain and Italy, with Spain leading in production. The mines which give Italy second rank among mercury-producing countries

Statistics Refute "Weaker Sex" Idea

Washington.—The "weaker sex" idea has been overthrown, officially.

Public health records show that: Girls have a lower mortality rate at birth and during childhood.

They begin to walk at six weeks to two months before their supposedly stronger brothers.

They begin to talk from two to three months earlier in life than the boys.

Women can stand more pain than men.

The statistics came from numerous searches and hospital tests recorded in the health service and census files.

are situated near Trieste and in Tuscany. The United States is third on the mercury production list, with California leading the 'mercury states' which include Oregon, Nevada, Washington, Texas, and Arizona. The metal also is mined in Alaska, Mexico, Canada, China, Russia, Czechoslovakia, Austria, Algeria, Japan, Rumania, New Zealand and Australia. Peru once was an important South American source of mercury, but production ceased several years ago."

"Varmint" Hunters Busy in California



As part of a drive to rid an area within a radius of 50 miles around San Francisco of wild beasts that destroy domestic animals, the state "varmint" hunters have been very busy in Marin and Mendocino counties and bagged a number of bobcats, black bears and coyotes. Some of them are here shown with a bobcat that had been killing calves on a dairy ranch.

When in Venice Royalty Does as Venetians Do

WHEN the king and queen of Italy visited Venice to take part in the opening of the International Exhibition of Art they boarded a gondola and lead the gorgeous procession which is here seen passing the famous Ducal palace.



Children's Story

By THORNTON W. BURGESS

To do a thing that must be done There's usually more ways than one.

THIS means, of course, that if one way fails you shouldn't give up and think the thing cannot be done. You should try to find some other way. Often it will be a most unexpected way, a way that you discover by accident. There was the case of Busy Bee and her fellow workers when Buster Bear found their storehouse and began to rob it of their honey. They had done their best to drive him away. They had used the sharp little lances in their tails for all they were worth. If it had been anyone but Buster Bear they would have succeeded in driving the robber away. But though they fought as hard as they could, and stung with all their might, they couldn't drive Buster away from that honey. To Buster's way of thinking that honey was worth all the pain of the stings. And then, quite by accident, they discovered a way of getting rid of him. Some of them flying about found Farmer Brown's Boy watching what was going on, and in the blindness of their anger mistook him for another enemy, and promptly treated him as they had treated Buster Bear.

Now Farmer Brown's Boy has no such thick skin as has Buster Bear. At the first sting, which felt as if a red-hot needle had been thrust into him, he jumped from his hiding place. Before you could say Jack Robinson half a dozen bees had stung him and a cloud of them were about him. He forgot his interest in Buster Bear. In fact he forgot all about Buster Bear. He had but one thought, and this was

that he couldn't get away from that place quick enough. It had suddenly become altogether too hot a place for him. He let out a yell. Yes, sir, he let out a yell, and it was a good loud yell. Then he started to get away from there as fast as his legs would take him, and he didn't care how much noise he made in doing it.

Now Buster Bear had been so greed-



Down He Came to the Ground With a Thump That Would Have Knocked the Wind From Anyone but Buster Bear.

ly stuffing himself with honey that he had had no thought for anything else. He had no idea that Farmer Brown's Boy was anywhere near. Usually his ears and his nose are ever ready to warn him of the presence of others, but this time his ears were filled with the angry hum of the bees, and his nose was clogged with honey. So he had not heard Farmer Brown's Boy approach, and he had not smelled him.

This Is for Salvage, Pearls or Sponges



EMIL KULIK, inventor, explaining his deep sea salvager, the child of his brain, to Miss Esther Taffel, at the Fourth International Patent exposition in Grand Central palace, New York. The queer-looking apparatus is suitable for deep-sea salvaging, undersea photography and pearl, coral and sponge fishing.

FRENCH PASTRIES

THE beautiful small cakes and pastries which are so attractively decorated and we find so expensive when we come to purchase, may be prepared at home with little work.

There are several kinds of foundations, the puff paste, chow paste (this is the kind used when making cream puffs), then the cake foundation and short bread pastry.

Almond Slices.

Spread the entire sheet of cake with a tart jelly or jam beaten to a paste, then cut it into strips three to four inches long and one and one-half inches wide. Spread the sides with jelly. Top each with a heavy meringue made with two egg whites, eight tablespoonfuls of sugar and one-fourth teaspoonful of almond extract. Arrange with a pastry tube, then sprinkle with powdered sugar and top with shredded almonds. Place in a slow oven to lightly brown.

Neapolitan Squares.

Cut the cake into two-inch squares, spread half the squares with apricot jam, currant jelly or orange marmalade, cover with the squares and press together between boards until firmly joined. Now spread the sides with jelly beaten to a paste with a few drops of water and dip each into finely chopped coconut. Ice the tops with a thick chocolate icing and in the center place a halved maraschino cherry, cut side down; add stem and leaves of citron or green icing.

Fruit Pastries.

Use the cake foundation, cut into strips, squares or rounds, put together with a custard cream of orange, lemon or jelly. On top of each place a halved pear or peach which has been cooked until transparent in a heavy sirup, using one cupful of the juice and three-fourths cupful of sugar. While cooling baste with this sirup as this will give a nice glaze. When the fruit is arranged pipe a border of whipped cream, sweetened and flavored, all around the sides and top.

(© 1932, Western Newspaper Union.)

Then right into the middle of his enjoyment broke that wild yell. He couldn't help hearing that.

Now, as you know, the one thing Buster Bear fears is man. He knows all about the dreadful firesticks which no one but man carries, and at the least suspicion that man is about Buster runs away. If he were cornered and couldn't run he would fight as bravely as the bravest, but he is a firm believer in the old saying that he who runs away will live to fight another day, when man is concerned.

The instant he heard that wild yell he forgot everything but that he was caught in a bad fix. He was caught up a tree and that was no place for a bear to be with a man about, even though that man were only a boy. He lost all interest in honey. He had but one thought, and that was to get away from there as quickly as ever he could. To climb down would take too long. So Buster just simply let go and dropped. Yes, sir, that is what Buster Bear did, he let go and dropped. Buster's bones are not like other bones. They are not brittle and easily broken. The branches below broke his fall somewhat, and he broke the branches. Down he came to the ground with a thump that would have knocked the wind from anyone but Buster Bear. And the instant he touched the ground he rushed through the Green Forest as if the Old Nick were at his heels.

Sammy Jay and Drummer the Woodpecker saw it all, Farmer Brown's Boy

ON BEING A BORE

By DOUGLAS MALLOCH

I AM not what you'd call a clam; I don't know what to do about it. I am at times the great I Am, Not merely say it, fairly shout it. And fill the family with shame, A self-made man of self-made fame.

The things I know, or think I know, It seems I'm always telling someone.

It seems I am a Dora, though I must admit I'm not a dumb one. I think I am a wit so bright, And people say that I'm half right.

My little jokes I like to crack, And people always laugh politely, And yet they say, behind my back, I should converse more eruditely. Last night, invited out to dine, I swore no more I'd try to shine.

So, when there came a painful pause, I kept as silent as I meant to; And I must say the dinner was About the worst I ever went to. I didn't say ten words, I guess, And all the others even less.

(© 1932, Douglas Malloch.)—WNU Service.

All Made of Cotton



This costume, designed especially for wear at summer resorts, is entirely of cotton. It has one of the new shorter swaggar coats in red, matching the eyelet embroidery on the white bastiste dress.

running for all he was worth in one direction, stumbling as he ran and slapping at angry bees, and Buster Bear tearing off in the opposite direction with a little whimper of fright with every jump, his face and coat all smeared with honey, and dirt and leaves sticking all over him. It was so funny that they laughed until they almost made themselves sick.

But Busy Bee and her fellow workers wasted no time chasing either Farmer Brown's Boy or Buster Bear. They promptly fell to work to save what honey was left and take it to another storehouse which they knew of. And this is how it happened that Buster Bear got only half a feast after all.

(© 1932, T. W. Burgess.)—WNU Service.



"Marriage is a risk," says meditating Meg, "and a girl doesn't have to marry a human skeleton to have a slim chance."

(© 1932, Bell Syndicate.)—WNU Service.

Old Insurance Company

The Presbyterian Ministers' fund, Philadelphia, which was founded in 1750, is the oldest existing life insurance company in the United States.

U. S. Plans Library of Crime

Washington.—The most ambitious and far-reaching program of scientific criminal identification ever undertaken is being quietly pressed here by the bureau of investigation of the United States Department of Justice.

Under a new division of identification and information of the bureau, a nation-wide campaign, in which 4,000 police departments and other agencies are co-operating, is under way to build

up in Washington an exhaustive national library of finger-print records and other crime data.

Already finger-prints of 1,750,000 male and female lawbreakers have been secured, classified and filed, and 1,700 cards are being added every day. Over 3,500,000 cards containing names and aliases of criminals already have been collected.

Against this unprecedented assembly of crime records Scotland Yard is said to have only 500,000 sets of fingerprints. Under the new plan, wherever an infraction of the law occurs in the United States, even though a minor offense is involved, duplicate fingerprints, with accompanying data, are immediately sent on to Washington by the local police. There search of the files is made to determine whether identical prints are already on file under the same name, or some alias. So efficient is the classifying and filing system that the average search requires but from three to five minutes.

Often the offender is discovered to have committed a crime in another part of the country. Out of every 100 sets of prints sent to Washington previous records are found in 37 cases and data on the offender's past life is reported back to the local authorities within 48 hours.

Beginning July 1 all applicants for United States government jobs will be required to submit to fingerprinting. Out of 1,000 applicants for Christmas postal jobs the government found that 14 had criminal records, as revealed by the fingerprint division. The army has found 55 criminals out of 1,000 enlisted men.

Cross of 1,000 Pieces

Brockton, Mass.—A carved cross, two feet high and containing 1,000 separate pieces of wood, was made by Daniel Stidlis. No twine, pegs, glue or nails were used.

GIFT OF ITALIANS



This fine statue of Christopher Columbus is the gift of the Italian residents of Chicago to the Century of Progress exposition. It will cost \$50,000 and will have a permanent site in Chicago.

Control Plane Traffic With New Light Pistol

Washington.—A "spotlight" for air traffic control has been perfected by the aeronautics branch of the United States Department of Commerce.

The projector, which resembles an overfat pistol, works on the same principle as ground traffic lights at street crossings. It throws a red or green beam and thus can be used to signal a pilot whether or not to land. Of course, other forms of signaling may be devised.

Col. Clarence M. Young, assistant secretary of commerce in charge of aeronautics, recently conducted a flight over Washington to test the new projector. An assistant stood on the ground holding the light while the plane flew from 2,000 to 3,000 feet overhead, and at as great a distance as six miles from the airport. The projector operator manipulated the trigger which controls the light, and the beam shifted from green to red and red to green. By means of sights the operator could spot the plane and direct the beam at it. The beam was clearly discernible to the occupants of the plane.

The department's new device gives a beam of 37,000 candlepower, which makes it visible day or night at great distances, and even though the visibility be poor.

Hordes of Monkeys Lay Siege to City of Delhi

Delhi, India.—A monkey plague disrupted Delhi's normal life as thousands of chattering, screaming monkeys invaded the city from outlying districts.

A special monkey officer was appointed to deal with the situation. He and his aides captured hordes of screaming prisoners and dumped them outside the city limits, but the monkeys returned immediately.

The Municipal council rejected a proposal to establish a monkey house near Delhi, on the ground that it was impractical. Meanwhile the monkeys dominated the city.