

The Scrap Book

An Error of Mortal Mind.

When Christian Science began to find footing in Council Bluffs, the little son of a prominent woman who had embraced the faith and was urging others to take it up was out of school a day because of sickness.

THE ANIMALS.

I think I could turn and live with animals, they are so placid and self-contained. I stand and look at them long and long. They do not sweat and whine about their condition.

Von Moltke's Discrimination.

Bismarck once gave to some friends the following droll account of Count Moltke:

"When a declaration of war is floating in the air," the chancellor said, "even Moltke gets talkative, and when we were in it in 1870, he grew ten years younger in a day.

"On that memorable day in July, 1866, when victory and defeat hung for hours in the balance, I was filled with disquietude and apprehension. I rode up to Moltke, who sat on his horse like a statue, following every movement of the battle.

A Consoling Thought.

A young authoress who has been uniformly unsuccessful in selling her manuscripts recently said to me, in all seriousness and with the sweetest spirit:

Jacob Riis and the Pretty Girl.

Jacob Riis, whose heart covers all suffering humanity, recently engaged a pretty, soft haired girl to work his typewriter. While her face was pretty, he also saw that it was pale, and his heart at once went out to her as a suffering being.

"They do," replied the girl as a happy light broke over her face. "And then what do they turn their hands to?" asked the warm hearted reformer.

"Well," said the girl as the prettiest pink blush suffused her cheeks, "they generally marry their employers."

"I don't like to do that," replied the Texan. "We can't take our likes and dislikes into consideration in government service in the administration of our duties," advised the chief.

"I hate to do it," "Can't help it. It's your duty. He is in a room by himself. No one will hear or see you. It will be good practice for you, as you will have to do it often. He's a little fellow too."

"That's the worst of it. If he were my size, I'd like the sport better than branding and roping steers. However, having been a deputy sheriff I know what my duty means. When I was told to go out and get a cattle rustler or a bad cowboy, I usually got him

even if he came back to the courthouse feet first. You're boss, so here goes. I hate to do it."

"Nonsense," explained the chief. "It's nothing. Report to me what he said." About half an hour later the subchief entered his superior's room. His face was scratched and his clothing appeared somewhat rumpled. Otherwise, his usually serious demeanor was unchanged.

"I sat on that clerk for fifteen minutes," he said quietly. "What?" shouted the chief. "I sat on him for fifteen minutes by the clock. For a little fellow he put up a stiff fight. I bucked him, bound him and almost branded him from force of habit. But it was easy."

The Hot Water Cure. Dr. William Osler is always exceedingly precise in his directions to patients. He relates an experience which a brother practitioner once had which illustrates the dangers of lack of precision.

A young man one day visited this doctor and described a common malady that had befallen him. "The thing for you to do," the physician said, "is to drink hot water an hour before breakfast every morning."

"Well, how are you feeling?" the physician asked. "Worse, doctor; worse, if anything," was the reply.

"Ah! Did you follow my advice and drink hot water an hour before breakfast?" "I did my best, sir," said the young man, "but I couldn't keep it up more'n ten minutes at a stretch."

He Got It, Bless Him! Among the passengers on a western train recently, says the Boston Journal, was a woman very much overdressed, accompanied by a bright looking nurse girl and a self-willed, tyrannical boy of about three years.

The boy aroused the indignation of the passengers by his continued shrieks and kicks and screams and his viciousness toward his patient nurse. He tore her bonnet, scratched her hands and finally spat in her face without a word of remembrance from the mother.

Whenever the nurse manifested any firmness the mother chided her sharply. Finally the mother composed herself for a nap, and about the time the boy had slapped the nurse for the fifth time a bug came sailing in and flew on the window of the nurse's seat. The boy at once tried to catch it.

The nurse caught his hand and said coaxingly: "Harry mustn't touch. Bug will bite Harry."

Harry screamed savagely and began to kick and pound the nurse. The mother, without opening her eyes or lifting her head, cried out sharply:

"Why do you tease that child so, Mary? Let him have what he wants at once."

"But, ma'am, it's a—" "Let him have it, I say."

Thus encouraged, Harry clutched at the bug and caught it. The screams of pain that followed brought tears of joy to the passengers' eyes.

The mother arose again. "Mary," she cried, "let him have it." Mary turned in her seat and said confusedly:

"He's got it, ma'am!" "What is it?" languidly asked the mother as the screams increased.

"A wasp, ma'am," said the nurse.

His Limits. A minister tells this story: "I once had in my Sunday school an urchin from a poor neighborhood. He brought in two or three recruits, and one afternoon I said to him, 'Billy, don't you think you could induce one or two other boys to come to Sunday school?'"

"Yes, sir," replied the girl, "I do. It wears on the nerves dreadfully." "I thought so," said Mr. Riis, warming up now that he had found a suffering soul. "Don't typewriters ever graduate from their work?"

"They do," replied the girl as a happy light broke over her face. "And then what do they turn their hands to?" asked the warm hearted reformer.

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PLAYTIME AT PANAMA

Solution of the Isthmian Canal Amusement Problem.

RECREATION FOR ALL HANDS.

Facilities For Many Amusements Furnished in Model Y. M. C. A. Club-houses Now Open at Culebra, Cristobal, Empire and Gorgona.

With the opening of the first Y. M. C. A. building at Culebra, in Panama, the Panama canal commission has solved completely the amusement problem for its employees, writes a Panama correspondent of the New York Herald.

The main structure is two stories, with spacious verandas encircling both floors. The lobby contains a reception hall, business office and soda fountain. The billiard and pool room is equipped with four tables and accommodations for spectators. An experienced attendant is in charge.

The smoking, lounging and small game room is furnished with easy chairs, settees and game tables. Equipment is provided for chess, checkers, carom and card playing. It is of course understood that no gambling will be introduced. For the library, reading and writing room a 600 volume library, with books selected to meet the local needs, has been negotiated.

The entertainment hall accommodates about 300, aside from veranda space. A stereophonic and piano are included in the equipment. Lecturers, musicians, entertainers and other talent, both local and imported, will be presented frequently. Local social clubs are granted the use of this floor for dancing on application for certain evenings.

A committee and class room will accommodate small groups. Educational classes will be organized upon application of six or more members, providing competent instructors can be obtained. The annex is connected with the main building by two corridors. It contains two bowling alleys of the best grade, in charge of an attendant; shower baths, lavatories and lockers; also a gymnasium with first class equipment, including parallel bars, horizontal bar adjustable for vaulting, horse, swing board, flying rings, punching bag, boxing gloves, fencing foils, pulley weights for individual exercising, mats and calisthenic outfit of dumbbells, Indian clubs and bar bells.

The ownership and control of the property by the commission is represented by a committee of five, who also hold an advisory relation to the entire organization. This committee is appointed by the commission and consists of four canal officials and the general secretary of the Young Men's Christian associations of the zone. The detailed method of conducting the work of each association is charged to the secretary and executive council, appointed by the international committee.

ROCKEFELLER'S BIG SIGN.

Name of Oil King's Forest Hill Estate Cut in the Ground. John D. Rockefeller wants people to know where he lives when he is in Cleveland, O., says the New York Times. Workmen a few days ago started to make a large sign on the grass at Forest Hill, and now the words "Forest Hill" in big letters can be seen plainly from the street.

The words "Forest Hill" are cut into the grass about fifty feet from the entrance in a bare knoll, so they can be seen easily from passing street cars. Rockefeller is not a believer in signs, and the only one that he has ever tolerated is a board on the drive that encircles his house. It bears this modest request, "Please do not drive around the house." Not only has there never been a sign showing the big park's ownership, but there has not even been a "Keep out" or a "Keep off the grass" sign.

An Infant Mirror Writer. A case of mirror writing has been brought to light in the Great Barrington (Mass.) public schools which is attracting considerable attention, says the Springfield Republican. Vera Coster, a five-year-old girl who attends the primary grade, is the victim, and at first the teacher was unable to make out just what the child was doing.

When any copy is given to her to write, she starts at the right hand side of the paper, and when she finishes one would think that the work was a mere scribble. Placing the writing before a mirror, it can be easily read, and the copy is surprisingly plain.

Population of Egypt. Census returns show that the total population of Egypt, exclusive of non-ard Bedouins, is 11,296,233, of whom 5,618,684 are males and 5,677,549 females. There is an increase of nearly 1,500,000 since 1907.

CASTING METALS.

Alloys Better Adapted to the Process Than Pure Materials.

As a general rule pure metals are much less adapted for pouring than are alloys. Thus pure copper, pure silver and pure nickel are unsuitable casting materials, since it is possible only in very rare cases to obtain dense castings, while the alloys of these metals can be readily made into the desired shapes by means of the casting process.

The difficulty of the production of the casting grows with the melting temperature of the material to be cast. The higher the same is the more laborious and difficult is the production of the casting mold and more expensive is the material of the latter and the larger a quantity of fuel is required to fuse the material to be treated.

Metals fusing at a low temperature may be cast with greater ease than those melting at a higher one. Castings of tin, lead and zinc can be produced without the expenditure of trouble, time and material required by those of aluminum, bronze, brass, silver, gold, iron, steel, etc. Every medium which is adapted to depress the fusing temperature will also obviate the difficulty of the production of the casting and the danger of a failure of the work. The consistency of the fused metals also exercises great influence upon the use of the material for imparting shape in a liquid state.

In the same sense as, for example, water, oil and quicksilver represent different degrees of fluidity, the fused metals also exhibit a different behavior in the liquid state, as well as the transition from the solid into the liquid state.

Forgeable iron, platinum and nickel soften before they melt; hence they pass through the stages which may be compared to glass, sealing wax, wax, oil and water, while the metallic alloys change their state of aggregation more or less suddenly. Those metals which soften before melting are, as a rule, more thickly liquid, even if heated far above their melting point, than the alloys which soften without melting.

For this reason the production of casting from copper is difficult, while the use of bronze for this purpose gives the opposite results; hence an alloy of copper and tin offers no difficulties whatever.

Life of Tubercle Bacilli. The tubercle bacillus is so tenacious of life that it resists drying for two months and is able to live in the air, as a sort of fine powder, for weeks.

When completely dried these tough little organisms can resist a temperature of 212 degrees F.—the boiling point—for an hour and a temperature of 10 degrees below freezing for the same length of time.

The gastric juice of the stomach, which kills most germs quickly, has no appreciable effect on them, and many common antiseptics fail to kill them. But there is one thing—carbonic acid—which disposes of them in short order. Drop a 5 per cent solution of the acid upon them and they die in less than a minute. Direct sunlight also kills them rapidly.

Boat Driven by Air Propellers. Our illustration shows a remarkable photograph of a new hydroplane boat, which was first experimented with successfully on Lake Bracciano, near Rome, Italy, recently. This boat was designed and built by Messrs. Crocco and Riccardi of the Brigata Specialisti, Rome. It is fitted with two V-shaped fins at the bow and stern, respectively, in accordance with a patent



HYDROPLANE BOAT.

issued to an Englishman named Thompson and modified somewhat by the present experimenters. The boat is fitted with an 80 to 100 horsepower gasoline motor, which drives two air propellers that propelled the boat first through and then above the surface of the water, as can be seen from the photograph. The weight of the boat complete with two men on board is 3,300 pounds, and it is to attain a speed of about forty miles an hour, although the inventors do not state the speed actually attained thus far.

Vacuum and Insulation. The remarkable heat insulating effect of a vacuum is strikingly brought out in the claims made for a new sportsman's bottle. The vessel has double walls, being really one bottle within another, with a sealed up intervening space from which the air has been withdrawn. It is asserted that liquids in this bottle can be kept hot forty-eight hours in the coldest weather and that food beverages will retain their delicious coolness for weeks in the hottest summer.

A New Explosive. Potasimite is a new explosive, perfected in Monterey, Mexico, and first used with success upon the construction of a Mexican Central railroad branch with, we are told, wonderful results. It is claimed to be safer, cheaper and more powerful than dynamite.

One Crushed Underground. In the Smuggler mine at Telluride, Colo., the rock is crushed underground. This is done to effect an economy in the cost of the ore handling. There are two crushers, and they are driven by motors.

Desert Land--Final Proof.

UNITED STATES LAND OFFICE, GREAT FALLS, MONT., August 3, 1907. Notice is hereby given that the following named entryman has filed notice of his intention to make final five-year proof under his homesteaded entry, as described below, before Chas. H. Boyle, U. S. Commissioner, at his office in Fort Benton, Montana, on Wednesday, the 14th day of September, 1907.

Notice of Final Proof. UNITED STATES LAND OFFICE, GREAT FALLS, MONT., August 9, 1907. Notice is hereby given that the following named entryman has filed notice of his intention to make final five-year proof under his homesteaded entry, as described below, before Chas. H. Boyle, U. S. Commissioner, at his office in Fort Benton, Montana, on Wednesday, the 14th day of September, 1907.

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Desert Land--Final Proof. UNITED STATES LAND OFFICE, GREAT FALLS, MONT., August 8, 1907. Notice is hereby given that the following named entryman has filed notice of his intention to make final five-year proof under his homesteaded entry, as described below, before Chas. H. Boyle, U. S. Commissioner, at his office in Fort Benton, Montana, on Wednesday, the 14th day of September, 1907.

Desert Land--Final Proof. UNITED STATES LAND OFFICE, GREAT FALLS, MONT., August 15, 1907. Notice is hereby given that the following named entryman has filed notice of his intention to make final five-year proof under his homesteaded entry, as described below, before Chas. H. Boyle, U. S. Commissioner, at his office in Fort Benton, Montana, on Wednesday, the 14th day of September, 1907.

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GEO. D. PATTERSON & SON.

BUYERS and SELLERS of LIVE STOCK.

FORT BENTON, Mont. Or ST. PAUL PARK, MINN.

THE ENTERPRISE

... RESTAURANT.

LEE GEE & BRO., Proprietors.

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Licensed Embalmer and Undertaker.

Bond Street, : : Fort Benton

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Burn GALT, LUMP and NUT

In Stoves and Ranges.

NELSON LUMP and EGG

For Furnaces and Steam

CHAS. CREPEAU, Local Agent

Leave orders at Benton Stables.

LOU COY

House Furnishing Co.

French Block, Great Falls.

Complete line of House Furnishings of every description. Best goods and lowest prices in town. While in town come and get a go-cart to wheel the baby. No charge.

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J. B. LONG & CO.,

Opposite Park Hotel, Great Falls, Mont

Our specialty is buying sheep on orders for our customers. If you have any for sale for delivery in the spring, or after shearing, write us giving description and price.

We make no charges.

HIRAM F. SMITH.

Cattle branded on right ribs. Horses same brand on right shoulder. Vent for cattle and horses, same brand on right hip.

P. O. address—Whitlash, Mont

Notes—Address is given wrong in brand book & H. T. Smith, Highwood.

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M. E. MILNER, Pres. and Manager, Fort Benton, Montana.

Main brand shown in the accompanying cuts.

Also own all cattle bearing the single "square" brand, and all rebranded cattle bearing only cross P.

Also own brand on right hip called "square 2."

Horse brand on left thigh.

Range from Best Paw mountains eastward to Fort Peck between the Milk and Missouri rivers. Also south of the Missouri river, between Arrow creek and Belt creek, Shonika range.

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Fine Book and Job Printing a specialty at the RIVER PRESS office.