

FIINDS NEW ELEMENT.

Professor in Berlin University Produces Unheard-Of Metal.

Is Separated from Radio Active Bismuth and Is Hard to Analyze Because Obtained in Such Small Quantities.

Prof. Marekwald, of the Berlin university, announced at the last meeting of the Physical society that he had discovered a new element.

The element is called radium. It is active and of extraordinary energy. Prof. Marekwald has separated it from radio active bismuth, so-called polonium found in uranium ore.

The new metal can be separated by the electrolytic process. The rays it emits are something like those of the metal radium, but differ in being almost completely absorbed by paper as well as by glass.

Prof. Marekwald has proved that a porcelain tube heavily charged with electricity by rubbing, immediately lowers its charge when a morsel of this metal weighing hardly a milligram is brought within a distance of one centimeter.

A chemical analysis of the new metal is rendered difficult by the fact that one ton of ore contains hardly one gram of it.

"OLIVE DRAB" UNIFORM.

New Army Dress Will Probably Be Changed from Blue to That of the Less Conspicuous Shade.

It is probable that the new army uniform is to be of a color entirely new to the military service of this country or Europe. The report of the army uniform board, now before the secretary of war, recommends that the uniform of the soldier be made of a color known officially as "olive drab".

Experiments made by the officers of the board demonstrated the fact that this shade is less visible in the field than any other color. The well known khaki was easily discovered because of its yellow shade, blue was rejected without much discussion, and the gray of the West Point cadet turned to a pronounced black when seen at a distance.

The board does not advise the adoption of knickerbockers, but adheres to the present shaped trousers for infantry, and provides for tighter fitting riding trousers for the cavalry. In the opinion of the board some change should be made in the cartridge belt, but no new design is offered, as the board considered it advisable to have the ordinance department make further experiments before making a permanent change.

THE CYLINDRICAL BOILER.

Declared Most Economical and Effective in Report of Admiralty to British Parliament.

The report of the committee appointed by the admiralty to consider the comparative utility of various types of boilers, has been presented to parliament. The report says that so type of water tube boiler at present in use is so economical as the cylindrical boiler.

SOUTH DAKOTA'S WEALTH.

State Has 52,622 Farms Which, with Equipments, Represent a Value of \$297,595,302.

The census bureau has made public a bulletin on agriculture in South Dakota. It shows that in the census year 1900 there were 52,622 farms in the state valued at \$220,133,190, and covering an area of 19,070,616 acres, or about 39 per cent. of the total area of the state.

The report places the value of farm products for 1909 at \$66,082,419, of which \$21,906,804 goes to the credit of the live-stock product.

Harvard's Mission in India.

Close upon the announcement of the Yale mission to China has come information of a movement on the part of Harvard university which promises to put into India Harvard men who will directly represent the university there in the same way in which other bodies of students will stand for Yale's interest in China.

One Species Already Extinct. There are not more than 70 wild buffaloes in the United States. The same ordinary, 11-cent buffalo, once so numerous, says the Chicago Tribune, has disappeared entirely.

CHICAGO'S SCHOOL CENSUS.

The Count This Year of Minors in City Shows Fewer Numbers Than Census of 1900.

The report of Secretary Larson on the census recently taken in Chicago under the direction of the school board shows that there were found in the city 627,362 persons under 21 years of age. The report states that this number is 243,985 less than the total for the school census of 1900.

The census of 1900 exceeded the federal census for the same year by 163,476, and Mr. Larson gave as a reason for the apparent falling off in the minor population of Chicago the difference in the system of enumerating. In 1900 the census was taken in groups by ages and it is probable, according to Mr. Larson, that many were counted twice in the confusion.

Of the 627,362 children 314,354 are boys and 312,908 girls. Of those between 12 and 21 years old there are 433 who cannot read and 400 who cannot write. Of those who cannot read 294 are boys and 229 girls. One hundred and ninety-five boys cannot write and the number of girls in the same group is 205.

Illiteracy is traced by the enumerators to the following causes: Indigence, 74; ill health, 32; mental weakness, 26; negligence of parents, 64; mutes, 16; blind, 12; idiotic and insane, 3; other causes, 18.

In the enumeration by wards the count gave the prize for population to the Twelfth with its 15,540 boys and 14,282 girls. The first ward has the smallest number, showing 2,852 boys and 2,863 girls.

GUNCOTTON INEFFECTIVE.

Capt. Jamieson, of West Point, Says That Army and Navy Must Look to Maxinite for Effective Explosive.

The recent improvements in army and naval ordnance and armor plate, the various forms of rifle cannon, the use of the modern high explosives, and the effect of detonating charges of explosives upon heavy plate were discussed by Capt. Charles C. Jamieson, instructor of ordnance and gunnery at West Point, at a special meeting of the Western Society of Engineers at Chicago.

In the course of his address the captain said the guncotton had been long since proven ineffective, and that before long it would be altogether supplanted by newer explosives. Of these the speaker said that in his belief maxinite was the most powerful and readily adaptable to the needs of the ordnance department and the requisites of war.

The great aim of the ordnance experts, he said, is to manufacture a shell which will explode after it reaches the interior of a warship. He looked to maxinite to solve the problem. With this accomplished every warship would become a prize instead of being totally destroyed and rendered valueless to the victors.

BIG VENTURE FOR ST. LOUIS.

A New Bridge, Railroad Station and an Elevated Line Planned by Capitalists.

A corporation composed of St. Louis and eastern capitalists has been organized for the purpose of building a bridge over the Mississippi river, the erection of extensive terminals on the river front, an elevated road to the world's fair site, and a new depot in the heart of the city. It is stated by the incorporators that the total investment in the terminals and elevated road, aside from the cost of the bridge, would reach \$10,000,000 at the outset, with a possible expenditure of \$5,000,000 later on extensions.

MUSTN'T TEACH RELIGION.

Warning Ordered Sent to Instructors in the Public Schools in the Philippine Islands.

Acting Governor Wright, of the Philippines, has been instructed to forbid Protestant teachers in the schools of the archipelago to attempt to influence Catholic children under their charge to give up their faith, if on investigation it is found that such proselyting attempts exist.

The teachers will be informed that it is not a part of the policy of this government to teach religion in the schools.

Complaints were received several days ago from various Catholic societies in regard to this matter, which were referred to the secretary of war. The above action was taken in response to the complaints.

Uncle Sam Interested. Before Mr. Morgan goes too far in the matter of offering to hand over ships to Great Britain in the event of war, it might be as well for him, perhaps, to secure the consent of the United States government to the plan, says the Chicago Inter Ocean. It is easy to see how, in certain contingencies this proposed arrangement would not work at all to his country's satisfaction.

MUST OBEY THE LAW

Titled Foreigners to Be Questioned Same as Immigrants.

Inspectors at Port of New York Instructed to Carry Out Provisions of Law Without Fear or Favor.

European tourists, titled or otherwise, who have been accustomed to enter this country by way of New York, are likely to be a good deal surprised by the enforcement of the treasury order, under which they must, as a neglected law directs, answer the same questions that are put to steeage passengers.

The law was enacted in 1883, when Chester A. Arthur was president. Almost from the time of its passage, however, it has been a dead letter at this port in the case of alien first and second cabin passengers, although enforced at some ports, such as Boston.

The new order of things was instituted by Commissioner Williams nearly six weeks ago, but he explained today that the steamship officers were only just beginning to get used to it. "In the case of a cabin passenger whose general appearance is all right," said the commissioner, "there is a way to comply with the law which would not be offensive. If I were a boarding inspector, for instance, I should take such a passenger, explain to him that the paper had to be made out, and when I came to some of the questions, such as the one about polygamy, write in 'No,' telling him, perhaps, that I knew of course he wasn't a polygamist.

"With the use of a little tact there is no reason why any passenger should be offended, and I don't believe one in a thousand would be, once they were informed that it was only done to comply with the laws of the country. For our protection we have got to ask these questions of foreigners coming here, and the foreigners with any intelligence will understand that. Of course it may seem unnecessary, and insulting, to ask a French count, for instance, if he is possessed of 500 or not, and whether he is able to read and write. As I said before, it isn't exactly necessary that he should answer those questions for himself, as the officer filling out the blanks, unless he wants to be offensive, would under ordinary circumstances write in the answer himself."

WOMAN DONS MALE ATTIRE.

Her Devotion to Husband Impels Her to Put on Trousers and Ride with Him on Freight Train.

Pretty Beatrice Philburn, charged with masquerading in boy's clothes, wept bitterly when arrested at Battle Creek, Mich., the other day. "Do you think I'd let Bob go way off to Portland, Ore., to work without my going along?" she said.

Bob, or Robert W. Philburn, is a furniture worker of Detroit. He received a better offer from a Portland, Ore., firm, but had not the money for two fares, so he figured on leaving his wife Beatrice with his mother at Cleveland place.

He reckoned without his Beatrice. She met him at the train with her brown curls cut short and dressed in boy's clothes.

"I'm going, too," she said. Consequently Bob and Beatrice took passage in a freight car instead of a Pullman. They were discovered by a patrolman. The woman gave credentials and was released after her trunk of clothes came from home. She will make the remainder of the journey in a Pullman, as a purse was made up for her, but her husband will have to make his way across the continent as best he can.

RICH GEMS FOR MUSEUM.

J. Pierpont Morgan Gives New York Institution Two Magnificent Sapphires.

J. Pierpont Morgan has sent to the American Museum of Natural History, as a gift, two of the most magnificent sapphires in the world. They are to be added to the collection donated by him to the institution. This collection, which is considered among the finest existing, was gathered by Tiffany & Co. to be exhibited at the Paris exposition, after which it was bought by Mr. Morgan at great cost.

Prof. Bumpus described the two latest additions to the collection as a star sapphire, probably the largest in the world, and a yellow sapphire, "the most beautiful gem in the whole collection."

South Africa Needs Live Stock. E. R. Cobler, who represented the Orange Free State at the world's fair at Chicago in 1893, has written the secretary of agriculture stating that large numbers of live stock, especially sheep and cattle, for slaughtering, breeding and dairy purposes, are needed in South Africa.

When the Squeeze Will Come. The people are not worrying much now about the exactions of the hard coal trust, says the Cleveland Leader, but the squeeze will come next winter.

HARD ON THE POETS.

Prof. Guthrie Doubts Immortality of Homer and Shakespeare.

Predicts New Literary Era Which Will Cast Into the Background the Genius of the Loved Bards.

Homer and Shakespeare were shaken from their high and lofty pedestals in the immortal row of classic poets and writers by William Norman Guthrie, director of the Cincinnati conferences of art and literature the other afternoon in a public lecture at the University of Chicago. Not only did the lecturer declare that these two peers in the realm of literature were not immortal, but he insisted to the astonishment of his audience that he should be bitterly disappointed if they were immortal.

According to Mr. Guthrie, who delivered two lectures the other afternoon to crowded houses, there is a bright day coming for the future man and woman. They will be so far above and beyond the tastes, feelings and intellectualty of the present-day reader that Homer, Shakespeare and other literary lights, dear to many generations, will no longer be fit to read.

Shakespeare and Homer are acknowledged by Mr. Guthrie to be great poets—even supreme at the present time—but he does not want to think that they are going to hold their places in the front rank of great literary merit.

The penny novel came in for praise when he said that he had a certain amount of respect for people who read the "penny dreadful," because it is the beginning of imagination. It is the lack of imagination in many books that called forth criticism from the lecturer.

The lecturer caused quite a stir among the women in the audience when, in presenting the idea that literature to be understood must be practiced, he said "the proper understanding of this idea will kill the idea that literature is a diversion for a certain class of idle ladies."

"To some extent," he said, "literature has been mistaught, because it has been the only art which people have tried to study without trying to practice. If you are going to study a novel, write one; if a drama, write one. I wrote six dramas, one after the other."

The art of reading has been lost, according to Mr. Guthrie. Students do not know how to read, because they do not know the agony with which construction is effected. They never will know until they get their hands in. No man, he said, can read verse without being able to write it. "Sugar-coated novels" are read by a great many people, who would never read them unless they contained a religious story or many moral lessons, declared the lecturer.

PING-PONG FOR ESKIMOS.

Miss Peary, Daughter of the Arctic Explorer, Takes the Game Along on Trip Towards Pole.

The Peary relief ship Windward has come down the Hudson from Newburg, where it has been refitted with new boilers, and docked at Jersey City for supplies to take north. Thirty tons of food supplies, consisting principally of canned goods and cereals, were taken on board and the boat started immediately on the voyage to the north.

Mrs. Peary saw the ship off and will go north herself by train to Sydney, N. S., where the Windward will stop to coal. Mrs. Peary, with her daughter, will go aboard there and go the rest of the voyage to Cape Sabine, 79 degrees north, in Ellsmere Land, where the relieving party expects to find Lieut. Peary. He will return to the United States with them. The daughter, Miss Marie, is going to take along a ping-pong outfit and show her father and the Eskimos how to play.

AUTOMOBILE LAWN-MOWER.

New Machine Which Cuts the Green Sward on Capitol Hill at Washington.

An automobile lawn mower has been set to work on the greensward of Capitol Hill at Washington. The new machine resembles both a steam road roller and a steamboat whistle. A huge brass dome, surmounted with a brass smokestack, is mounted on a pair of rollers. Ahead of the front roller is fixed a lawn mower mechanism, over which sits the chauffeur. The little machine puffs up the hills and swings around and goes down again, while the grass flies up in front like a green mountain. It cuts about three times the amount of grass that can be laid low by the old one-horse machine, which it superseded. The advantage which is claimed for the mower is that the roller passing over the ground after the grass has been cut crushes down the weeds and kills them.

When Professors Should Talk. President Harper does not propose to muzzle his professors, but he insists that they shall not talk hereafter unless they have something to say. This seems harsh, says the Chicago Inter Ocean, but discipline is as necessary in a great educational institution as it is elsewhere.

Rheumatism



The liniment bottle and flannel strip are familiar objects in nearly every household. They are the weapons that have been used for generations to fight old Rheumatism, and are about as effective in the battle with this giant disease as the blunderbuss of our forefathers would be in modern warfare.

Rheumatism is caused by an acid, sour condition of the blood. It is filled with acrid, irritating matter that settles in the joints, muscles and nerves, and liniments and oils no nothing else applied externally can dislodge these gritty, corroding particles. They were deposited there by the blood and can be reached only through the blood.

SSS dissolves and washes out all foreign materials, and the sufferer obtains happy relief from the torturing pains. S. S. S. contains no potash or other mineral, but is a perfect vegetable blood purifier and most exhilarating tonic.

THE SWIFT SPECIFIC CO., Atlanta, Ga.

OVERWHELMINGLY DEMOCRATIC.

Gov. Dockery Congratulates Missouri Democracy.

Jefferson City, Nov. 8.—Governor Dockery, commenting upon the result of last Tuesday's election this morning, had the following to say:

"I congratulate the Democracy of Missouri upon the signal and overwhelming triumph of last Tuesday. It was Waterloo, Sedan and Pultowa all in one for the Republicans. The Democracy carried the state, according to the careful estimate of Secretary Cook, by a probable plurality in excess of 40,000, the largest plurality recorded for the Democracy since 1880. Both houses of the legislature are Democratic, and the majority on joint ballot will range between thirty and forty. Fifteen of the sixteen congressmen elected are Democrats. The school fund amendment has undoubtedly received the approval of the people by an emphatic majority. These most gratifying results have been achieved, although Missouri had the most dismal, dreary election day since the election day of 1860. The honor of the state has been fully vindicated. Missouri is a state of wonderful resources. It is a high honor to be entrusted with the management of such a glorious commonwealth. We must still go forward in the main of broad liberal and progressive policies."

To Cure a Cold in One Day

Take Laxative Bromo Quinine Tablets. All druggists refund the money if it fails to cure. E. W. Grove's signature is on each box. 25c.

Charged With Murder.

Pittsburg, November 8.—Private Arthur Wadsworth, Company A, Eighteenth regiment, was arrested this morning on a charge of having murdered William Durham to Shenandoah, while the regiment was on duty there during the strike. The case was taken to the supreme court. This is the first time a high legal body has been asked to draw the line between civil and military law. National guard officers put up the defense that Wadsworth killed the man in the discharge of duty and upon orders of his superior officer. The decision in this case will effect the entire national guard of the country, showing the status of state militia and its powers when in the field.

White's Cream Vermifuge removes the unhealthy tissue upon which worms thrive; it brings, and quickly, a healthy condition of body, where worms cannot exist. Price, 25 cents.—H. L. Tucker.

Lyaching is Imminent.

Anniston, Ala., November 8.—The state troops have been ordered out here to prevent the lynching of a negro who attacked Mrs. Williams and who is said to have been caught near Anniston. A mob of 1,000 is at the scene threatening to burn the negro.

\$100 Reward \$100. The readers of this paper will be pleased to learn that there is at least one dreaded disease that science has been able to cure in all its stages, and that is Catarrh. Hall's Catarrh Cure is the only positive cure known to the medical fraternity, Catarrh being a constitutional disease, requires, a constitutional treatment. Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system, thereby destroying the foundation of the disease, and giving the patient strength by building up the constitution and assisting nature in doing its work. The proprietors have so much faith in its curative powers, that they offer One Hundred Dollars for any case that it fails to cure. Send for list of testimonials. Address F. J. CHENEY & Co., Toledo, O. Sold by druggists 75c.

Died After Being Elected.

Joplin, Mo., Nov. 8.—Judge F. M. Redburn, 65 years old, died here this morning. Judge Redburn was elected circuit judge of Jasper county at Tuesday's election. Monday he became ill from over exertion during his campaign, but was aware of his election before he died. He had been a candidate for office often in the last twenty-five years, but Tuesday's victory was the first he had ever won. In politics he was a Republican. It will become necessary now to have a special election in Jasper county to elect another judge.

CASTORIA. The Kind You Have Always Bought. Bears the Signature of J. H. Pritchard.

Wireless Telegraph Feat.

Sydney, N. S., Nov. 8.—Wireless telegraph messages have been flashed across the Atlantic ocean by the Marconi system, according to statements made here, where Marconi is conducting experiments.

Several wireless messages have been received on the experimenting ship in this harbor from Cornwall, England. The messages were all received in the Morse code and without exception were completely taken.

Many people are suffering fearfully from indigestion or dyspepsia, when one single bottle of Herbine would bring about a prompt and permanent cure. A few doses will do more for a weak stomach than a prolonged course of any other medicine. Price, 50 cents.—H. L. Tucker.

Tobacco Raisers Unite.

Lexington, Ky., November 8.—A meeting of tobacco growers was held here yesterday to further the growth of the Tobacco Growers' association of Kentucky, Indiana and Ohio. When incorporated the association will have 40,000 members and a capital of \$1,000,000. The members pledge themselves to sell exclusively to the association, which agrees to pay higher prices than the so-called trust. The purpose of the organization is to fight the trust. The members will all be growers of white burley.

CASTORIA. The Kind You Have Always Bought. Bears the Signature of J. H. Pritchard. Banker and Editor Fought.

Joplin, Mo., Nov. 8.—A desperate street fight is reported from Carterville, Mo., near here, in which W. B. Kane, president of the First National bank, and Henry Price, editor of the Daily Record, fought bitterly a late hour last night. The editor and banker met in front of a drug store, where a political discussion arose. The men were separated by friends. Both were badly bruised, but neither was dangerously injured. They used only their fists. Both are men of strong personality and both have many friends.

E. W. Grove. This signature is on every box of the genuine Laxative Bromo-Quinine Tablets. The remedy that cures a cold in one day. Ashes Covered 300 Miles.

San Diego, Cal., November 8.—The steamer Luxer has arrived from southern Mexico. The vessel was at San Benito when a lack cloud from the Santa Maria volcano enveloped the heavens. The shower of ashes extended for 300 miles, turning day into night and creating terror among the crew and passengers.

CASTORIA. The Kind You Have Always Bought. Bears the Signature of J. H. Pritchard.