

HAS NEW WIRELESS SYSTEM.

Sir Oliver Lodge and Dr. Alexander Muirhead Produce Apparatus of Extreme Simplicity.

A system of wireless telegraphy which has been for some time experimentally operated for a short distance and at sea, is about to be brought forward at London, apparently in competition with the Marconi system. It is the outcome of the joint labors of Sir Oliver Lodge, principal of the University of Birmingham, and Dr. Alexander Muirhead, a well-known telegraphic expert. It employs Prof. Lodge's invention, which Marconi and others are using, and also one at least of Lord Kelvin's inventions. Experts who have seen the present Lodge-Muirhead system working pronounce it to be more rapid and clearer than anything yet exhibited. Prof. Lodge's new coherer, which is the integral feature of the system, consists of a small steel disk, rotating in light contact with a column of mercury through an oil film. It is stated that the sensitivity of the coherer is remarkable, as is its simplicity and freedom from derangement. It is stated that the submarine cable companies have so far abandoned the reserved attitude they have shown towards the other systems as to take a practical interest in the Lodge-Muirhead system.

GO SOUTH TO STUDY STARS.

The D. O. Mills Scientific Expedition Going South for Solar System Research.

The D. O. Mills astronomical expedition to the southern hemisphere has sailed from San Francisco for Chile. The observations will be conducted by University of California astronomers headed by William H. Wright, of the Lick observatory. Owing to an injury recently received, Director Campbell will be unable to go with the party, which expects to remain at least two years. The mission of the expedition is to throw additional light on the motion of the solar system through space. Since 1895 the line-of-sight velocities of 400 of the brightest stars have been measured at the Lick observatory by means of the spectrograph presented by D. O. Mills. The results obtained indicate that the solar system is moving approximately toward the southern part of the constellation of the Lyre with a speed of 12 1/2 miles a second. This conclusion, however, cannot be considered conclusive, for the stars of the southern hemisphere are not presented in the calculations, and for the purpose of observing them the expedition is being sent to Santiago, Chile.

SUPPLIES RIOT CARTRIDGES.

War Department Invents Ammunition Which is Intended to Wound Rather Than Kill.

The war department has sent notices to the governors of each state that it is prepared to supply them upon demand and according to their legal allowances with "riot cartridges." This is a new form of ammunition prepared by the experts of the ordnance bureau to enable officers of the law and soldiers to repel rioters with the least possible loss of life. The shell is like that of the regular shell used in the army rifle with the important exception that instead of the long nickel-plated and steel-clad bullet two balls are placed in the mouth. The design apparently is to secure something of greater range than buckshot, yet not dangerous to persons at a distance. The cartridge is charged with about 34 grains of smokeless powder. The balls are made of a mixture of lead and tin in the proportion of 16 to 1 and are slightly coated with paraffin. The diameter is 0.308 inch and the weight is 42 grains. The service primer for smokeless powder is used. The cartridges have sufficient accuracy for effective use at 200 yards.

SUN ENTERS OLD DUNGEON.

The Place Where Ethan Allen Was Incarcerated is Exposed to the Light.

The sun shone the other day for the first time in 147 years into the dungeon where Ethan Allen was incarcerated at New York. In order to expose the dungeon, where of recent years the bookbinder and his assistants have spent their time preserving the invaluable records of the registrar's office, the laborers found it necessary to pry away a big block of the marble flooring directly under the iron ring in the ceiling above and from which, according to tradition, many a good American swung to death in the periods immediately subsequent to the declaration of independence.

Breakfast Table Horrors.

The saddest sight on earth is the breakfast table expression of the average man—Baltimore American. Particularly, says the Chicago Tribune, if it is preceded by his "next morning" expression.

Hard to Be Broken.

The sultan has just filed another of his fair, sweet promises, and the powers will now go about their ordinary affairs, says the Chicago Record-Herald, trying not to notice when he breaks it.

A Good Excuse Spotted.

If Prof. Loeb has found a cure for nervous prostration, says the Chicago Record-Herald, he has taken away an excuse that has served a good many people faithfully and well.

WAS BRAINY BEAST.

Double Brain Capacity Discovered in an Ancient Animal.

Body of Dinosaur Was So Large That an Extra Equipment of Mental Force Was Necessary to Manipulate All Its Parts.

A University of Chicago lecturer has discovered a prehistoric beast that was so big it conducted its affairs by means of two brains. The existence of the animal is not a new "find," but the fact that it had two brains is now first given to the world.

It had one set of intellectuals in its head and another well down its back—some 60 feet from the primary seat of its intelligence. The beast was the dinosaur, and it was 70 feet long.

Prof. Oliver C. Farrington, curator of the Field Columbian museum and university lecturer, is the discoverer. He has the bones of the beast in the museum. It is the famous dinosaur that Prof. Farrington and other scientists unearthed in the coma beds of Wyoming a year ago.

"This fossil actually had two brains," said Prof. Farrington. "He has one small set of brains in his head and an extraordinary enlargement of the spinal column which must have performed the function of a second brain. It was a second nerve center of great importance. That is clear from the evidences of enlargement you can see in the bones of the animal. The brain is only a continuation and enlargement of the spinal column."

"It is not unreasonable that such a mammoth being as this dinosaur should need two brains. He was 70 feet long and weighed more than 20 tons when he was alive. Doubtless the brains of his head were too far away to perform the functions of directing and controlling well the muscles in the back portion of his immense body, and it would be no more than natural for him to have a second nerve center in his back to control the locomotor nerves. This animal actually has the equivalent of two brains."

This huge dinosaur is said to be one of the most remarkable fossils that have been discovered. Prof. Farrington declares the animal was 10,000,000 years old, and that he was so monstrous he must have been short lived in his day. He said that it was common for these mammoth animals not to live long.

The restoration of the bones of this fossil has been the work of many months, and is not yet completed. Prof. Farrington estimated that it would cost more than \$5,000 to mount it. The ribs are now being put in place at the Field museum. Each rib is put through an automatic chiseling process to take off the accumulated stone formations on the bones.

QUEER METEORITE FOUND.

Heavenly Body Picked Up in Kansas Contains Phosphorus in its Natural Form.

Prof. Farrington recently found a meteorite in Saline township, Kan., which contains the only natural phosphorus on record. "Heretofore," said the professor, "phosphorus has been known only as the product of the chemist."

The presence of phosphorus in the meteorite, according to the professor, proves that a meteor, as has been supposed by many, is not hot when it strikes the earth. It shows also that the meteor could not have been formed upon the earth, for no free phosphorus could remain as free phosphorus if it had long been a part of the earth. Free oxygen was evidently not present where the meteor was formed, as its presence would have changed the phosphorus into phosphoric acid.

METHODISTS TO PRINT PAPER.

Philadelphia Churchmen to Omit All Sporting News and Will Not Issue on Sunday.

At the Philadelphia Methodist ministers' meeting the other day the plans for a new secular morning paper to be published six days in the week were explained and discussed. The paper is to be called the Penn Square Gazette. The capital stock is \$600,000, and \$250,000 of this is to be preferred. The paper is to have no sporting news. It is to be smaller in size than the present daily sheets and will be printed in larger type. No advertisements are to be admitted on the first and editorial pages, and certain advertisements are not to be admitted at all.

Dresses Daughters Plainly.

The countess of Essex has returned from Ireland and has created a commotion in fashionable circles in the west end by driving about in her electric victoria with two little daughters. It is the contrast between the exquisite costumes of the countess and the severe simplicity of attire worn by her children that attracts attention. The countess wears the latest Worth "creations," while the girls dress in dark material, with little quakerish poke bonnets without trimming. They are pretty even in this trying guise.

Inference Easily Drawn.

Marie van Vorst says there is no chance for an unmarried woman to win fame. In view of the fact that Marie is reaching after fame, says the Chicago Record-Herald, the inference should be very simple.

A REVOLT AGAINST MAN.

Society for the Promotion of Man-Indifference Amongst Women is Formed in England.

The revolt against the monster man has just broken out again in violent form in the borough of Guildford, Surrey, not far from London where a new society, the membership of which is limited to spinsters above 17 years of age, has been formed for the purpose of assisting young women—and those more advanced in years—to withstand the temptation to enter the married state. The new organization is called the "Society for the Promotion of Man-Indifference Among Women." It has already secured a numerous membership, has appointed a president and secretary, and has secured headquarters, which has been named "Spinsters' Retreat." Some of the rules are:

Members are invited to render their appearance as attractive as possible, but to be maidenly in conduct.

Members are compelled by the laws of the society to be entirely proof against the charms of man, to have a wholesome contempt of falling in love, and to abhor marriage.

Every member must be in a position to maintain the rights of the society, viz: be healthy, strong-minded, and earn her own living, so there may be no necessity for members to embrace marriage as a means of subsistence.

For failing to observe these rules members are liable to a fine of £5 for each infringement. If a member should fall in love, personal warning is to be given by the president.

NOVEL POST OFFICE PLANNED.

A Site Over the Underground Railway Tracks in New York City is Urged.

The president's cabinet has considered the report of the commission created by congress to acquire a site for a post office building in New York city. The commission was composed of three members of the cabinet. The salient feature of the report is a recommendation that post office buildings be erected over the underground railway tracks of the Pennsylvania and New York Central railroads. It is claimed that by this means the half-hour now lost in transporting the mails from the railroads to the post office would be saved.

The commission recommends that congress extend its powers so as to enable it to purchase a site offered by the Pennsylvania Railroad company, the price named being \$2,000,000; also to secure a site and to erect a post office building over the tracks of the New York Central railroad or adjacent to that company. It is estimated that a building can be erected for about \$3,000,000.

POSSESSES STRANGE POWER.

Twelve-Year-Old Girl in New York State Whose Touch is Able to Overcome Strong Men.

Stella Lundelius, the 12-year-old daughter of A. Lundelius, a photographer of Port Jervis, N. Y., possesses the remarkable faculty of being able to increase the apparent weight of her own body. By simply placing her hand in contact with the person who attempts to lift her, she apparently brings into play some mysterious force which neutralizes the uplifting pressure he brings to bear, and in spite of his utmost efforts her feet remain on the floor as though fastened there by clamps. In one experiment the power of several men was exerted in vain to lift the child.

Her mother says this power was accidentally discovered in her attempt to move an upright piano about her room. She asked Stella to place her hand upon the instrument, and Mrs. Lundelius, to her astonishment, was able to push the piano about without effort.

ORDERED TO VISIT SUN.

The Missouri Legislature Considers the Appointment of Committee for the Trip.

The Missouri house tolerated a little horse play the other morning. Mr. O'Neal, of Mercer, offered a resolution reciting the different views of Prof. Young, of La Porte, Ind., and Prof. Pickering, of Yale, relative to the habitation of the sun and asking that the house appoint a committee of three to investigate the matter. The resolution went on to provide that the committee thus appointed pay a visit to the planet in question, provided free passes can be obtained.

On motion of Mr. Huck this resolution was referred to the committee on internal improvements and railroads.

Big Price for Small Jug.

A small jug, nine inches and a half high, made of Fulham Stoneware and dated 1581, fetched \$800 at Christie's, London. It had been in the possession of a church at West Malling, Kent, over 400 years. Its brown surface is splashed with red (orange), green and purple. Its neck band, and handle are of silver gilt. It is positively devoid of charm except in the hand of a connoisseur, but brought three times the price ever paid for such an article at Christie's.

A Chance to Show Their Wisdom.

What is the difference whether Romulus founded Rome or Rome founded Romulus? Let the wise men explain, says the Chicago Tribune, why a fly ruins its forelegs together.

HAS IMPORTANT USE.

Doctor Discovers New Facts in Regard to the Pituitary Body.

This Hitherto Useless Part of the Brain Said to Control the Oxygen Supply of the Human Body.

The pituitary body, an appendage to the human brain which has been regarded as being without any particular use, may be the means of starting a revolution in the practice of medicine. From occupying a class with verminiferous appendix, it may be elevated to a class among the most important organs of the body.

Dr. C. E. De M. Sajous declared to the members of the Philadelphia Medical society the other night that he had discovered that the pituitary body controlled the oxygen in the system. He said his investigations had covered a period of 14 years, and that he was positive that the hitherto ignored gland was a governing center of the highest importance.

In addition to controlling the supply of oxygen, he said it was equally positive in responding to medicines and drugs. When its functions were fully established and understood it would be no longer necessary to administer medicine hypodermically, and a new treatment would be secured. Certain medicines could be given which have not been available in the past, and assured results obtained. He said he was of the opinion that his discovery was the greatest since the use of anesthetics became known.

Medical men declare that immediate attention will be given to the discovery throughout the world. The pituitary body is connected with the infundibulum of the brain.

TRAINING FOR THE POLICE.

German Cities Are Inaugurating Thorough Courses of Instruction for Its Guardians.

Several Rhinish cities, Dortmund leading the way, are about to establish schools for the training of young men who intend to become policemen. Hitherto retired sergeants and soldiers have been pitchedforked into the police force with altogether inadequate preparation, much as in England and America. The Rhine cities mean to do the thing thoroughly.

Not only will the police candidates be instructed in drill and in safeguarding property, but they also have to attend a large variety of lectures and anyone who cannot pass a satisfactory examination on the subjects of the lectures will not be admitted to the force, no matter what his other qualifications may be.

Detective work will be one subject. Imaginary crimes will be committed and criminal problems will be set for the candidates to unravel and shadowing will be taught. An important branch will be lese-majeste and how best to trip up people addicted to it.

Special instruction will also be given on the exact boundary line between legal and illegal criticism of the superior powers in the state; also on the exact boundary line between the moral and the immoral in works of art in shop windows, etc.

How men and women must conduct themselves in the streets, in cafes, theaters, etc., will all be gone into and minute instructions will be imparted on the relations between domestic servants and their employers. The Rhinelanders are shaking their heads at it all and say that the police know too much already.

NOW WEAR CORSETS.

London Society Men Decried That Diminutive, Wasp-Like Waists Are the "Correct Form" in Dress.

It is no longer possible to disregard the fact that London's smartest men are wearing corsets. The article has forced itself upon the masculine form, and the subject of a male waist is greatly exercising the expansive minds of the Bond street tailors. This fashion is due to the search for something new on the part of the West End exquisites, particularly those who adorn the military set. To be ultra fashionable, they have decreed that diminutive, wasp-like waists are the "correct form."

The fad appears to have caught on in an extraordinary way. Recently, during the spell of fine weather, scores of young society men were seen parading West End streets clad in frock coats that tapered to abnormal slenderness at the waist. The same feature is noticeable in overcoats and lounge jackets. Indeed, among the smart set the sack back is a thing of the past.

The demand for corsets for male wearers from those West End firms which supply them has shown a remarkable increase lately. Thirty to 50 shillings is the average price, and 35 inches, according to the Tailor and Cutter, is the average size around the waist.

Instead of wearing pearls or diamonds around the neck, smart men are wearing a very narrow band of black velvet. On this band are hung pearls and diamonds. It is very becoming, for nothing is so effective as a narrow strip of black velvet on a beautiful white throat. There is also something decidedly original about it.

What He Made, Others Lost.

A New York man has made \$1,500,000 in six weeks' speculation in cotton. No mention, says the Chicago Record-Herald, is made of the large number of men who didn't.

WINDY DAY SKIRT.

Design of a New York Modist Which Will Defy the Most Boisterous and Hude Wind.

Miss Elizabeth A. White, president of the Dressmakers' Protective Association, will display a newly invented windy-day skirt at the coming convention. Miss White's office overlooks the Flatiron building, which causes the wind on a blustering day to cut up more tricks than the Masonic temple in Chicago. The junction of Broadway, Fifth avenue and Twenty-third street, New York, is particularly trying to modern women. Miss White, glancing out of her window, said:

"Look at the outrageousness of that scene. And what is the cause of all that unnecessary display? Why, those women's skirts. The skirt's the thing after all that makes a woman's dress vulgar or otherwise. We have invented a new skirt that is pretty and graceful, and which cannot blow up on the windiest of days."

This modesty-proof skirt is shaped about the waist and hips just close enough to be snug. It has at the bottom a wide flounce that flares outward, boldly yet gracefully, which gives to the garment the lily-like appearance which has already won for it the name of the lily skirt. Inside the flounce is a circular lining of stiff haircloth seven inches wide, and herein lies the trick by which the windy weather is robbed of its terror to a modest maid and matron. This band of haircloth, by adding to the weight of the skirt, holds it down. At the edge of this haircloth band there is a very full ruffle of taffeta, which conceals the ruse. One thing is positively guaranteed: that all the fury of Eolus cannot disturb the serenity of that skirt.

CANAL MAY SPREAD FEVER.

London Scientists Fear Introduction of "Yellow Jack" into Continents of Asia.

A special meeting of the Epidemiological society of London was held the other day to discuss the possibility of the construction of the Panama canal introducing yellow fever into Asia. Dr. Patrick Manson, physician and medical adviser to the colonial office, opened the discussion, in which several English and American scientists took part. All the speakers were unanimously of the opinion that the danger is most real, and they demanded that pressure be brought to bear on Great Britain and the United States to give practical effect to the recent discovery of the American yellow fever commission toward preventing the spread of the scourge among the overcrowded populations of Asia. It was resolved to appoint a committee to draw the immediate attention of the government to the matter, and to begin an active propaganda to combat the danger. This committee, which was appointed, will correspond with kindred American societies, with the view to obtaining their cooperation.

"TRAMP ALPHABET."

Signs by Which Two Hotel Thieves Succeeded in Marking Rooms for Confederates.

Detectives Douglas and Coleman, of New York, in looking over the effects of the prisoners, Louis Messier and John Cullen, who are accused of stealing jewelry from hotel guests all over the country, have discovered that they had come upon the complete text of what is known as the "tramp alphabet." The alphabet consists of various signs, which are placed on the gates or doors of farmhouses to warn their fellows as to the kind of a reception they may expect.

The detectives think the bellboys marked the doors of the rooms with one of the signs, which, however, had a different interpretation from that when used by tramps. A circle marked on a door meant "Nothing doing here," a cross in the circle meant "Very little," a square with a line in the center, "Danger, keeps revolver," and a blank square a "Rich haul."

TRAINS RATS AND STARVES.

New York Policeman Finds Old Man in Distress But Cheered by Rodent Friends.

John Berg, an old man, was found starving the other day among a herd of rats in an attic at Grand and First streets, Hohenok, N. Y. The rats scampered to their holes when Patrolman Meyers entered the attic, but reappeared again at a whistle from Berg. Berg said that he had not eaten anything in two days, and had tried to forget his distress by putting the rats through tricks he had taught them since occupying the attic. He made them go through their performance for Meyers, who says it was the most unique thing of the kind he had ever witnessed. The rats, according to the policeman, marched like soldiers, juggled with jack straws, turned back and front flips, and gave a weird squealing concert.

Discrete Too Deep Sented.

"Now that Dr. Loeb, of Chicago, has discovered a cure for St. Vitus' dance," suggests the Kansas City Star, "let him cast about for some remedy for the cake walk." This, says the Chicago Tribune, might necessitate an entire change of the pigments in the blood.

New Hope for Ireland.

Oil has recently been discovered in Dublin, Ireland. If, says the Chicago Record-Herald, they find it in paying quantities Ireland may yet be taken away from the English.

HARD ON OLD MAIDS.

Marie Van Vorst Declares Historic Women of World Were Married.

Jeanne d'Arc Cited as an Only Exception—Robert J. Burdette Takes Exceptions to Miss Van Vorst's Statement.

Miss Marie Van Vorst, who, with her sister-in-law, Mrs. Jon Van Vorst, wrote "The Woman Who Tolls," has given her views of what President Roosevelt calls "race suicide." She says:

"Tell me where you will find an old maid in the history of the world who achieved distinction.

"Jeanne d'Arc is the only unmarried woman to my knowledge whose deeds are historic. Yet the fact must be admitted that she may have been married. We really know little about her life.

"Marriage develops the character and widens experiences as nothing else will. Considered, therefore, from the point of view of its good influence on the individual, it is to be desired.

"Every woman should marry and have a family around her. You may talk of the responsibilities and worries of a woman's life if left alone, but this experience is for her good.

"The tendency of the American girl of to-day to remain single is one of the signs of the times to be deplored. Marriage is the last thing of which she thinks.

"The love of independence is so strong in us that we postpone a choice until we have grown difficult to please, exacting, and fond of our own liberty. It is not necessarily that woman is forced to remain single. It is that she wants to.

"The fact remains that the world's celebrated women have all married.

"Love, not duty, should be the basis of home life, if it is to be ideal, and if our home are to build up the ideal people, the great American nation of the future.

"This love should consist of the love of husband and wife and of child. That forms a chain no outside influence is strong enough to break."

And Robert J. Burdette, in a communication to the Chicago Tribune, takes emphatic issue with Miss Van Vorst. He says:

"The gifted author had better quit writing so much and read a little more. Jeanne d'Arc is not so lonesome in the world of spinster achievement as all that. What is the matter with Queen Editha, Britton tomb, Florence Nightingale, Sister Dora, Grace Darling, Clara Barton, Susan Anthon, Frances Willard, to say nothing of Jephtha's daughter and the queen of Sheba? Is President Carey Thomas a nobody? Is Jane Addams doing nothing?"

"Talk about 'race suicide,' Jeanne d'Arc's sole mission in life was to destroy families of men as fast as other people could raise them. But other spinsters, while of course they haven't been renowned for raising large families of their own, have been and are famed for taking care of the families of other people. 'Race suicide!' Wasn't ever know an old maid who wasn't nurse, teacher, seamstress and stenographer to all the children of her six married sisters, if she had so many? More are the children of the spinster than of the married wife," saith the prophet.

If all the women married and raised families, who would take care of the children? A family without an old maid aunt is a rose garden without its perfume. And, speaking of spinsters, what's the matter with Miss Marie Van Vorst?"

BODY FOUND PETRIFFIED.

All the Corpses in the Graveyard at Wells, Minn., May Now Be Stone.

A body recently transferred from the cemetery in Wells, Minn., to La Crosse, Minn., has been found to be petrified, and it is believed that all the bodies in the graveyard are in the same condition. The body in question was removed to La Crosse because there is a Catholic cemetery there, and the relatives did not wish the body to lie longer in unconsecrated ground. At the time the man was buried, 17 years ago, there was no Catholic cemetery for many miles around.

The coffin and body were found to be turned into stone and together weighed 1,500 pounds. The secret has been kept quiet for a couple of weeks for fear that sensation mongers may dig up the bodies and exhibit them.

Both a Little Bit Right.

The police of Chicago, says the Chronicle, are disposed to attribute the prevalent epidemic of crime to the inefficiency of the churches and the clergy are disposed to charge it to the inefficiency of the police. There is probably some truth in both theories.

A Fling at Chicago's Water.

A Washington inventor claims to have perfected a process by which pure water can be burned for heating purposes. Chicago will not, of course, be able to utilize the invention, says the Chicago Chronicle, until the intercepting sewers are completed.

Give the Coal Man a Chance, Too.

A plumber has been elected mayor of Brockton, Mass. Now, says the Chicago Record-Herald, if they will put the iceman in as director of public works Brockton may be able to show the world a new thing or two.