Science Striving to Bridle the Untained Tornado-Investigation by the Signal Service.

Washington dispatch: The phenomena of tornadoes, to the scientific study of which Lieut. John P. Finley, of the signal torps, has devoted about eight years, are belief that trustworthy warning may soon be sent out to the inhabitants of localities which may be threatened with the disastrous visitations. Daily predictions are last year and continued through the torando season and resumed recently upon the return of Lieut. Finley from an inspection tour in the west. The percentages of verifications is already gratifying, though the predictions are as yet largely experi-mental, and are embodied in daily published bulletins of the signal office only when conditions favorable to the creation of tornadoes are very pronounced. In such cases severe local storms are noted as probable.

FEATURES OF THE TORNADO. Lieut. Finley recently described the known phenomena of tornadoes and the and towards which the present researches are directed. These storms have distinctly marked characteristics and are by no means to be confounded with hurricanes. "blizzards," cyclones, or "northeasters." Their tracks are never more than a few hundred yards wide and their forces are generally exhausted by the time they have traveled the course of forty or fifty miles, though in this latter respect they are quite variable, some having been traced by their lines of devastation more than 180 miles. Their rotary motion, which is greatest toward the center, sometimes reaches the enormous rate of 200 miles an hour, while their forward movement, always from southeast to northwest, ordinarily does not exceed forty or fifty miles. They are usually unaccompanied by electrical disturbances and are believed to be uninfluenced by electrical conditions, though thunder storms sometimes follow them a few miles away.

RELATIONSHIP WITH OTHER STORMS. There is a distinct and curious relationship between tornadoes and the general storm center, which is always apparent in their uniform relative positions, the tornado always occurring southwestwardly from the center of low barometer and at a distance of from 100 to 600 miles. The shape of the general storm center, the direction in which its longest center lies, and the appearance of the upper and lower clouds enter as minor elements into the problem out of which the weather experts hope to work a complete system of tornado warn-

The visits of the tornado are commonly between 2 and 6 o'clock in the afternoon. Its home is an area of which includes the whole of Iowa, all of Missouri except the southwestern corner, the northwestern corner of Arkansas, the northeastern part of Indian Territory, Eastern Kansas, Eastern Nebraska, Southern Minnesota, Southern Wisconsin and Western Illinois. Here its season extends from April to August inclusive. It is a frequent visitor to two or

three regions. It has a strip along the Gulf and South Atlantic, which takes in the central portions of Alabama, Georgia and South Carolina, with termini in Mississippi and North Carolina, over which its devastations are confined to the months of January, February and March. Another includes a portion of Southern and Central Ohio, a large portion of Pennsylvania, a small area in Maryland, a strip across New York and the corner each of Massachusetts and Connecticut when it is in season only during the

months of August and September. PRACTICAL RESEARCHES. Lieut. Finley further said: "While a most interesting scientific question respecting the origin of tornadoes, the laws which govern them and their relationship to other metorological phenomena remain to be answered, the more practical question as to when and where they are likely to appear seems to be advancing rapidly toward solution. Interests which are subject to disaster from tornadoes are alive to the importance of the work in progress. The intending purchasers of farms apply to the liability of their selected locality to disaster. To such are sent the records of

the past as far as they are known.

Whenever Lieut. Finley travels in pursuit of his studies, farmers and villagers press for information. To these he says that nothing raised by the hand of man above tornado. He advises them to seek their dugouts upon the appearance of the portentous signs of disaster, and there await the passage of the storm. For their property he advises insurance so that the losses of an individual may be shared by his more fortunate neighbors. Insurance companies which last year "wrote" \$40,000,000 in tornado policies are eagerly awaiting the completion of a map now in process of making, which will, it is expected, greatly narrow the so-called tornado regions, and perhaps show that large portions of them have never experienced a severe storm. Upon this map Lieut. Finley proposes to show from the complete record of several years and data, as far as obtained for many previous years, the average number of tornadoes for each locality per annum.

BRUIAL TREATMENT IN A HOSPITAL.

What is Said by Small-Pox Patients in Mon treal-The Charges Being Investigated. Montrea dispatch: Miss Flora Campbell and Miss Bush, who have been patients in the small-pox hospital, make some very damaging charges against the system of treating small-pox patients in the hospital. They state that they were put in beds which had been occupied by other patients, and that the sheets had not been changed; that some of the poor creatures in the ward in which they were had the disease very bad, and that the smell was dreadful; that attendants bade them good night when they were most needed; that the first night Miss Bush was in the hospital she was given a bed without bedclothes, and she was forced to lie there all night as she came into the building; that a little girl brought some food to them, carrying the bread in her bare hands, on which marks of small-pox were still fresh; that patients changed their own clothes as long as they were able, and when they were not, those patients who could go about did it for them; that they were often ill during the night and wanted attendance when there were no nurses about; that during the night some patients would keep knocking against the wall or floor, but no one went near them to see what was wanted and no assistance was given to those who were unable to get up; that patients had sometimes to wait for hours for a drink, and that those whose eyes were closed with the disease sometimes begged for a long time for a lotion that was used to wash them before they could get it; that the dirt, and filth, and vile smells were terrible; that as soon as the breath was out of a patient's and, instead of lifting it on stretchers, let it fall to the floor with a thud that startled every one in the ward. These charges are investigated. The officials of the hospital deny the truth of them, and Dr. Nolin has been requested to prepare an official statement for the medical health

-

AN ACCIDENT TO A CIRCUS TRAIN.

It Breaks in Two, Hurrying Five Men Into

Eternity-A Long List of Wounded. St. Paul dispatch: A terrible accident happened on the Fergus Falls branch of the Northern Pacific road seven miles west of here this morning, by which five men lost sow so well understood as to warrant the | their lives and thirty or forty more were more or less injured. John Robinson's show left Wahpeton, Dak., for this place in two sections. When within seven miles of Fergus Falls, near a small place named French, in fact being made at present, having begun | the head or baggage section broke in two while going up a heavy grade, and ten or twelve cars went flying back at a terrific rate. On the rear of the train was three sleeping cars occupied by workmen, over 209 in number, all of whom were sound asleep and not aware of the impending danger. The cars which had broken loose increased their speed as they approached the second or cage section, and probably had run a mile before they struck it. The engineer of the rear section saw the cars approaching, but only had time to stop his train before it struck him. The brakemen on the loose cars tried to put on the brakes, but they had difficulty in running from car to car on account of the wagons which imneded their progress. Had the engineer of the rear section only a moment's more time he could have backed his train and avoided the calamity. But it was too late, and the cars struck his engine with tremendous force, throwing three sleepers from the track and smashing them beyond recognition.

The result was soon apparent. More than a hundred men were buried in the debris. The scene can hardly be described. The night was fearfully dark and the groans of the men were appalling. The people in the rear section at once began the work of removing the men, five of whom were found dead and many others wounded and bleeding. Word was at once dispatched to this city and a train in charge of Supt. Vining at once hastened to the scene, and the dead and wounded brought to this place. The work of removing men from the debris was a sorry task. A man alive and uninjured was taken from under two dead ones, and was simply a miracle that he escaped. The following is a list of the dead.

Geo. Krauser, said to have a brother in the hardware business at 42 Main street, Cincinnati. Roberts, first name unknown, hired out

at Wadena Friday night, and wanted to go to Cincinnati. Charles Wallace, joined at Portland, Oregon, antecedents unknown. James Wilson, train watchman, lived at the Hummel house, Cincinnati, formerly on the police force of that city.

Samuel Blair, joined at Colfax, W. T. antecedents unknown. The following is the list of wounded: Wm. Winfield, of Appamatox, Va., not

xpected to live. James Eccles, Nova Scotia, boss hostler. houlder dislocated and injured internally. Ed Ziegler, Cincinnati, leg hurt badly. James Coleman, colored, injured intern

P. Jenkins, boss canvassman, Cincinnati, iaw and shoulder hurt. Henry Roise, Norwich, N. Y., slightly in

L. Turner, Iowa, slightly injured. Joe Brown, feet mashed. William Murray, head jammed.

THE FOREIGN SITUATION ANALYZED. An Interview With Gen. Lew Wallace, Ex-

Minister to Turken. New York dispatch: Gen. Lew Wallace. ex-minister to Turkey, looking hale and hearty at the Gilsey House, New York, said: "I do not think any action will be taken by Turkey until the signatory powers meet. The Sultan has too much common sense to run haphazard into war. He will await the issue of a conference. In the case of a disagreement between the powers, probably the whole of Europe will be swept into hostilities-Russia, France and Italy on the one side, and England and Austria on the other. Germany, guided by Bismarck, will endeavor to act as arbiter. Austria would immediately take possession of Bosnia and Herzegovina. Russia would occupy Bulgaria and Roumelia. The conference is most likely to result in statu quo. It is scarcely to be expected that the signal office for information respecting | Europe will go to war to further the ambitious plans of Prince Alexander, of Bulgaria. Russia is always looking forward, and keeps an eye on strategic points. Russia already has a passage of the Danube. With Roumelia she would have the Balkan Mountains and a clear way any time into Turkey. The the surface of the earth can withstand a Powers desire to pluck the bird, but the question of division can never be satisfactorily arranged. Turkey understands fully that her position in Europe depends upon their rivalry. The small Powers, each adjacent, want a slice of territory when a division occurs. Greece, for her part, would make an effort for Macedonia, but in that comes conflict with the ambition of Servia. So you see how many complications can arise in the Bulgarian question."

THE PROSECUTIONS FOR POLYGAMY.

General Epistle to the Church Fron Apostles Cannon and Taylor. Utah dispatch: At the Mormon general conference to-day a general epistle to the

church was read from Frist Presidents John Taylor and George Q. Cannon.

"Time has revealed," says the epistle, in referring to the pending prosecutions for polygamy, "that the Edmunds bill was not enacted in the interests of morality, but was expressly designed to destroy the principle of the Mormon religion. The grossest immoralities on the part of non-Mormons flourishing under the very eyes of the law's administrators are viewed with indifference if committed outside the matrimonial relation. The Mormons removed from that tenet of their religion are unmolested."

The letter continues: "We did create the celestial marriage. We cannot renounce it. God revealed it, and has promised to maintain and bless those who obey it. The only course to pursue is to maintain our

covenant and trust in God." The recent suling of courts is declared most extraordinary, allowing an indict-ment for each day lived in illegal cohabitation and rendering possible life imprisonment and an enormous fine to each indlvidual accused, whereas the law specifies only six months' imprisonment and \$300 fine. The appeal recently made to President Cleveland is referred to, and the hope expressed that he will soon give the matter attention, as the rights of the people are being grossly trampled under foot.

The Mormon motives for espousing plural marriages are declared to be generally misunderstood, the institution being accepted only in consideration of its being by divine command, which brings damnation if disobeyed. The belief is professed that the present crusade will convince the people there is something more in polygamy than supposed.

der D. Anderson, commsssioner for special days of the New Orleans exposition. has designated March 15 and 16 as American labor days.

Raugatuck, Conn., bas a violinist named Bunnell who is more than 80 years of age, and his violin, he says, was made three hundred years ago. He values it at \$5,000.

THE SOCIALISTIC LABOR PARTY.

Their Recent Meeting in Cincinnati and the Platform Adopted.

The members of the Socialistic labor party met in Cincinnati Oct. 8th, Mr. Seibert in the chair. After the preliminaries were transacted the following platform was adopted:

As work is the only creator of all wealth, and civilization is injustice, therefore those that do this work should reap its fruits; therefore, we declare a just and equitable distribution of the fruits of labor is impossible under the present systems, owing to production by gigantic means since the discovery of steam power and introduction of machinery, the acquirement of which is impossible except to the few. These modern means of production benefit only one class of society. Where formerly one worked for himself alone, there are now hundreds and thousands who work in shops, factories and large farms. The results of their labor accrue only to the owners of machinery, factories, mines and the soil. This system destroys the middle-class, creates two separate classes, wage workers and bosses. The evils that arise from the system are a plantless system of general production, the destruction of natural and human forces, the continual uncertainty of the material existence of the wage worker, the suffering of the proletarian masses, and the colossal accumulation of wealth in the hands of the few by the present condition of wage workers, who in the midst of their productions, live in poverty and dependence, which barely and most disagreeably furnishes ware-worker only sustenance.

Those who work little or not at all live in affluence through these productions. Such a condition of affairs, which must grow worse under existing circumstances, is against the interest of munhood and is ontagonistic to all justice and true democracy. It destroys the very essence of our constitution, which says that all men shall enjoy life, liberty and the unrestrained pursuit of happiness. It shortens and threatens life by creating want and suffering, and destroys liberty by making the wage-workers dependent upon his boss. It dard avenue. One of the cars of the Union also makes political freedom impossible, and Depot line was coming up the avenue in checks the pursuit of happiness. Happiness charge of Policemen Griffiths and Hannon is not attainable where life and liberty are threatened. To change this state of affairs rounded by some fifty men, who began to we seek to establish a system of co-operative cut the harness and make other demonlabor; that is, we demand not only that wage-workers shall labor in common, but the result that labor shall accrue to the laboring classes with all its benefit is possible only when the means of production are in the hands of the wage-worker. We therefore demand that the right of private property, such non drew his pistol and shot him in the as machinery, factories, etc., shall vest in the people. By this change the establishment of co-operative production and the distribution of its benefits according to the wants and works of producers, under the control of an fair, four of the Chauteau avenue gang, five organized society to overcome the continued oppression of the wage-worker by the capitalist, the socialist labor party is formed. We seek the practical realization of our demands by striving to gain possession of political power through all practical means.

THE WYOMING RUMPUS AND RIOT.

The Force at Rock Springs-The Rascally Work Overlooked.

Talking with a prominent railroad man vesterday, says the Omaha Republican, Camden has for a long time been considered about the manner in which those sixteen insecure, and for this reason the prisoners men were released at Rock Springs, he said: have recently been kept in their cells and According to the jury who tried them, there not allowed the privilege of the corridor. never was a riot there; neither were there The jailer is a cripple and has been confined any Chinamen killed or houses destroyed to his bed for several months. During this by fire. In a burlesquing manner he thought it doubtful whether there is such a place as his daughter, Miss Gaskins, and she has Rock Springs and didn't know for certain that there had ever been a Chinaman there. The trial of those fellows he characterized as the most consumate farce ever perpetrated upon any community. The result, however, had been anticipated because both the grand and the petit juries were composed of men living in the place and more than half their number were miners. Who is the Rev. Timothy Thurloway is a question that is now being asked. He comes to the front with a declaration of vindication for the men who were arrested and held to answer for the great outrage committed. It is claimed now that the Chinamen set fire to their own shanties and burned them in order that the white men might not get hold of their treasures and their money. But that is not at all likely. In fact, it is known that some of them carried their money with them when they flew into the mountains. While running, one man fell down, his money belt broke loose and spilled \$2,500 out on the ground, which he lost. Certainly the white miners, who were chasing him,

The company has completed the erection of forty new houses for the Chinamen and they are working the mines to their fullest capacity. This trouble however, has compelled the company to buy a great deal of coal east and have it shipped to all points along the road.

SOME POLITICAL GOSSIP.

The New York Herald accuses the president of obstinacy in refusing to turn men out of office without cause.

Gen. Rosecrans has declined the invita. tion of the Ohio democrats, who wanted him to take part in the present campaign.

The Washington Post declares that the present administration is not itself in favor of a high protective tariff, and was not elected to favor those who are.

The Mobile Register candidly admits "that the superior intelligence of the southern whites has led them in localities where the negroes preponderate to resort to various devices to avoid the rule of ignor- morning of the 6th, five men took rossession ance and dishonesty."

At the white house it is declared that a letter printed by a number of papers in Washington on the New York state election, purporting to have been written by the president to a friend in Buffalo is a forgery. The only utterance the president conductor next grappled with one of the has made on subject was an answer which robbers and was dragged out on the platform he dictated to Col. Lamont, his private of the car and beaten with a revolver handlesecretary, to an inquiry sent him by a correspondent, and was as follows: "The president is a democrat and it is strange that any person should question his position. He earnestly desires the success of his party, in the pending election in New York as well as elsewhere, and any assertion to the contrary is utterly and maliciously false."

in front, and very wild behind.

at auction to satisfy liabilites against her.

A BOLD, BAD MAN HALTED.

The Sheriff of a Nebraska County Wings

His Game. Sidney (Neb.) Special to the Omaha Re publican: Chris Kline now lies in the hos pital suffering from a bullet would inflicted by Deputy Sheriff John B. Stetson while resisting arrest at Longpole yesterday. railroad company, on Tuesday night, beating him with a piece of iron and nearly choking him to death. They mistoook animosity existed on account of arresting them some time ago. They fled in the darkness. When the affair became known Sheriff Carley and Deputy Stetson sur mised whom the assailants were, and they were seen at Lodgepole by an agent of the railroad company yesterday. Carley and Stetson took a passenger train for Lodgepole. The objects of their search were soon discovered and on being told to throw up their hands Holman acquiesced, but Kline ran and Stetson after him. Several shots were fired at him, one of which took effect back of the right shoulder. He fell. crying "You have winged me this time." He is shot through the lung. Both prisoners were brought here. Kline's wound is pronounced by the physician fatal and he cannot survive long. It is only regretted gradually improved under his tutor's that Holman did not get the same punish instructions, until the Illinois statesment, he being the worst of the two and man one afternoon "knocked out" the discharged from company "C," Twenty- cast iron man in three rounds, much first infantry, for theft some time ago.

A STRIKER SHOT DEAD.

The Labor Demonstration in St. Louis Re-

sults in One Man Being Killed. Dispatches from St. Louis giving accounts of the street car drivers detail the killing of John Harvey by an officer in the following language: The first really serious event, and one involving loss of life, occurred about 3 o'clock this afternoon on Stodand, when near Hickory street, it was surstrations. The officers twice ordered them to desist, but they paid no attention to the command and assaulted the officers with sticks and rocks. Hannon was struck with a rock, and Griffiths was knocked down by a man named John Harvey. While the latter was beating Griffith, Hanhead, killing him. The body of Harvey was taken to the morgue and Hannor went to headquarters and reported the af fair and was placed under arrest. Four of the rioters in the Twelfth street bridge afof those who unset cars on Washington avenue and six of those who stopped cars on O'Fallon street are under arrest. Wm. Jackson, chief clerk of the Arlington hotel at Hot Springs, while going to the fair grounds in a Cass avenue car, was struck by a rock during the riot and had his jaw badly fractured.

A PLUCKY SOUTH CAROLINA GIRL.

She Drives Nine Prisoners Into Their (ells

and Prevents Their Escape. Columbia (S. C.) dispatch: The jail at time his duties have been attended to by proved herself well worthy of the trust reposed in her. On Friday evening a new lot of prisoners were received at the jail, and, as the prison was crowded, nine of them were locked up in an old cell which had not been used for some time. In the night one of the prisoners managed to get out of the cell into the corridor, and by some means procured a piece of iron, with which he broke the look and released the other eight. They immediately began prying off the bars from one of the windows, and in a few minutes all of them would have been free. At this juncture, however, Miss Gaskins heard the noise. The plucky little woman at once picked up a bar of iron, unlocked the outer door, and rushed into the corridor, where the prisoners were working at the window. She drove every one of them back into their cell, in short order, and kept guard at the door until the sheriff arrived and took charge of the jail and managed the prisoners, several of whom are noted negro desperadoes, and one a convicted murderer under sentence of death.

ROBBERY OF A BULLION TRAIN.

Four of the Escorts Killed While Defending the Same.

Eagle Pass, Texas, dispatch: Reports have. been brought to Monclova by freighters from the Balsa Napini mines to the effect that one of Houston's bullion trains, in charge of Mr. Morrison, had been attacked by robbers while en route from the Sierra Mo ada mines to Parral station, on the Mexican Central railway, whence the bullion was to be shipped by express to the United States. It is reported that four of the escort were killed and it is feared that Morrison, who was well known at Eagle Pass, is one of the victims, as he has not been heard from. The freighters say that after having routed the escort, the robbers drove off the pack mules laden with bullion, Mr. Houston purchases the bullion from small miners and makes weekly trips to the nearest railroad stations where it can be forwarded. How much bullion there was on the train is not known.

Train Robbery in Pennsylvania.2 As the regular train from Hollidaysville was nearing Allegheny Furnace, Pa., on the of one of the crowded cars and while three of them intimidated the passengers with revolvers the fourth went through the car and robbed such of the occupants as he chose to select. One of the passengers made such a show of resistance that he was attacked with a huge knife and cut through the hand. The The robbers then pulled the bell rope and jumped off, escaping to the woods. The Pennsylvania Railroad Company has sent out officers in pursuit in all directions.

HER FAST IS ENDED.

A Syracuse Woman Dies After Having Eater no Food for Fifty-Nine Days.

Syracuse (N. Y.) dispatch: Mrs. Veronica Bulla, who performed a remarkable fast in this city, died this morning. Her fast be-Sin always begins with pleasure and gan August 10th, fifty-nine days ago, and ends with bitterness. It is like a colt, since that time she did not touch a morsel which the little boy said was very tame of solid food, living entirely upon water, in Jim Fisk's big steamboat, Plymouth Rock, dissolved. When she first declined to partake of food she weighed 140 pounds. As amining the seat of it she was amazed of Suakin on the Red sea, to the village of which cost him \$500,000, after having been she lay upon a couch this morning her used some time as a skating-rink, is to be sold bones nearly protruded through the skin, sponding in position to that left by the which lay in wrinkles, and her eyes were One hundred million pounds of honey is the American crop foretold for 1885.

terribly sunken. Since the death of her husband, eight years ago, in an insane asylum, her mind had been affected.

The Cast Iron Man.

An appointment has just been made in Washington which, for lack of anything more important, causes considerable comment, says a Pittsburg Dispatch correspondent. John C. Collins, known as the "Cast Iron Man," was Kline and a man named Chas. Holman, sworn in as laborer at the Geological alias Crouchy, assaulted Morris Davis, a survey, and assigned to run the elevaleading citizen here and an employe of the tor. Collins was formerly an English prize fighter, and for several years past has kept a sort of privategymnasium, Davis for Sheriff Carley, against whom an the principal feature of which was a scientific boxing school. He has given a great many lessons in the manly art to prominent public men of the day. Senator John A. Logan is one of those who formed Collins' aristocratic classes. When Logan was in bad health he began taking a series of lessons in boxing of Collins, and in the course of time became very proficient

with the gloves. Collins is a brawny Englishman, weighing about 180 pounds, all muscle and activity, and is termed the cast iron man, from his ability to take punishmeut. It is related how Logan gradually improved under his tutor's to the latter's astonishment.

Oneday, while Grant was President, a party of young bloods went to see Collins, under the escort of Col. Fred | had to pay that very day. Mme. Gay Grant. After taking a turn at the rings, dumbbells and horizontal bars, one of the party, a well made young Englishmen, struck the fancy of the cast iron man, who induced him to put on the gloves. "I won't hurt you," said Collins;

"don't be afraid. The young Englishman smiled and took his guard. In a few passes he showed that he was not wholly ignorant of the rules of the ring, and had some knowledge of theart. This fired Collins, who saw an opportunity to his prayers were in vain he killed himshow off his skill belore Col. Grant. self in her presence. He did himself Now, Collins is very clever at the dodge | justice by firing a pistol ball into his game, and it takes a good man to hit heart. Mme. de Girardin fell on her him, even without putting up his knees and raised his hand, which rehands.

"Don't be afraid," said he to the young Englishman; "hit me, knock and a man appeared; it was M. de me down," and he dodged several lively passes in the most scientific style. Suddenly the young man reached out | fied, proud grand. 'Yes, monsieur,' I his left duke and lifted the cast iron man clear off his feet.

"That's very, very clever," stammered Collins picking himself up out of the sawdust, and feeling of his jaw doubtfully. "You are real English you know. Didn't you think you could do it. Try it again."

The party then formed a ring and declared that the game should proceed according to the regular prize ring rules. "Don't you be afraid to his medical adviser a few questions. hit me." said the young Englishman, as he took his guard. "Let us have it up and up now, in two rounds." At death to take me by surprise, and I it they went, and the result was that the young man knocked the cast iron work. Tell me the whole thruth. How man out in three well contested rounds.

"Who are you, anyhow?" demanded the breathless prize fighter. "I have fought some fights, and had a good many matches, but you are the most scientific sparrer I've met yet. You

are a professional.' "My name is Sartoris," said the young Englishman, laughing. "I'm Grant's son-in-law."

Diet in Later Life.

It is during the latter third of his career that the softer and lighter foods, such as well-cooked cereals, some light mixed animal and vegetable soups, and also fish, for which teeth are barely necessary, are particularly valuable and appropriate. And the man with imperfect teeth who conforms to nature's demand of mild, non-stimulating dietary in advanced years will mostly be blessed with a better digestion and sounder health than the man who, thanks to his artificial machinery, can eat and does eat as much flesh in quantity and variety as he did in the days of his youth. Far be it from me to under-value the truly artistic achievements of a clever and experienced dental surgeon, or the comfort he affords. By all means let us have recourse to his aid when our natural teeth fail, for the purpose of vocal articulation, to say nothing of their relation to personal appearance -on such grounds the artificial substitutes rank among the necessar es of life in a civilized community. Only let it be understood that the chief end of teeth, so far as mastication is concerned, has in advancing age been to a great extent accomplished, and that they are now mainly useful for the purpose just named. But I cannot help adding that there are some grounds for the belief that those who have throughout life from their earliest years consumed little or no flesh, but have lived on a diet chiefly or wholly vegetarian, will be found to have preserved their teeth longer than those who have always made flesh a prominent part of their daily food.

The Power of Sympathy.

At the last meeting of the French Academy of Medicine, Dr. Brown-Sequard related a very remarkable instance of the power of sympathy which came within his recent observation. A littlegirl was looking out of a window in a house in the Batignolles a few days ago. The lower sash was raised, and the child had placed her arms on the truth killed him before his time. the sill. Suddenly the support on which the sash rested gave way, and the window fell with considerable force on the little girls arms, inflicting a utilize his visit to the continent to intersevere bruise. Her mother, who was view the leading European ministers and in the room at the time, happened to diplomats, with a view to smoothing the look toward the window at the mo- asperities at present existing in the relations ment of the accident and witnessed it. | between England and some of the foreign She fainted with fright, and remained | courts. insensible for a minute or two. When which small quantities of morphine were dissolved. When she first declined to paraccident on the child's, though more killed a large number of the Arabs who inextensive.

HOUSSAYE'S CONFESSIONS.

Noted Parisian Litterateur's Recollections of Half a Century.

Under the title, "My Confessions: Recollections of Half a Century," M. Arsene Houssaye has brought out in Paris the last four volumes of his rem-

Mme. Emilede Girardin, the renowned daughter of Mme. Sophie Gay, was one of Houssaye's intimates, and the story of her life was told him by its heroine a few days before her death. The circumstances that led to her estrangement from her husband are recounted as follows:

"Mme. de Girardin knew love but knew not passion. She sought the hour of dawn, but was afraid of sunstroke. One day a terrible drama was acted. A man of fashion-a dandy, as they said at the time, had thrown himself at the feet of the tenth muse. She laughed, but the lover was in earnest. Her heart was touched. but she did not yet open her arms. He grew desperate and committed all kinds of follies; he frequented women and gambled, thinking that women might make her jealous and that wealth would enable him to triumph over her. He lost on both sides, and lost his mind in the bargain. He visited Mme. Gay at Versailles and told her that he was about to die on her daughter's account. In his madness he spoke of a debt of honor that he who had passed through all the dramas of passion, pitied his despair, because it was genuine. She dispatched-shall I say it -her latest lover to her daughter to beg her hasten and rescue a man overboard. Mme. de Girardin hurried to Versailles without knowing exactly what she was about. The man knelt to her, but she could save neither his honor nor his reason; he wanted to fly with her, and she wished to remain Mme. de Girardin. When he saw that mained handsome and lovely to the last. Then the door opened noisily Girardin. 'So you love him well?' cried he to his wife. She arose, dignilovethis man, but I have only loved him since he has died."

BALZAC'S LAST HOURS.

The last hours of De Balzac were described to Houssaye by Eugene Giraud, the painter, whose story is now

repeated. The dying author, who was not

seriously alarmed, because Mme. De Balzac possessed the art of deceiving him, wished, notwithstanding, to ask 'My dear doctor,' said he, 'I am not an ordinary man; I should not like still have much to do to complete my much longer do you think I can live?' The doctor gave no answer. 'Come, doctor, do you think meachild? Itell you once more that I must not dielike an indifferent person. A man like myself owes a will to the public.' The word will loosened the physician's tongue. If Balzac owed a will to the public perhaps one was due to his wife and family. 'My dear patient,' said he, how much time do you require for what remains to be done?' 'Six months,' replied Balzac, with the air of a man who has made a careful calculation. And he looked steadily at the Doctor. 'Six months! Six months! observed the latter, shaking his head. 'Ah!' exclaimed Balzac sorrowfully, 'I see you will not grant me six months. Give me at least six weeks! Six weeks with a fever are an eternity. The hours are days. And the days are not lost either.' The Doctor again shook his head. Balzac raised himself up, almost indignant. The Doctor had taken his patient's summons too seriously; he had decided to tell him the truth. Balzac continued: 'If your conscience does not deceive you, do not deceive me. What can I hope for? You will surely accord me six days!' The Doctor could say nothing; he turned aside to conceal his tears. 'Six days!' repeated Balzac. 'Well, I shall point out broadly what I have to do in order to put on the finishing touches, and my friends will dot the i's. I shall have time to glance rapidly over my fifty volumes. I will tear out the bad and emphasize the good pages. The human will does miracles. God created the world in six days. I can give immortal life to the world I have created. I shall rest on the seventh day!" Then came a painful look and a still more painful sigh. Since Balzac began enumerating his terrible questions he had grown ten years older. He was voiceless and could not continue andressing the doctor, who was voiceless to answer him. 'My dear patient,' said the medical man at last, endeavoring to smile, 'who can promise a single hour here below? A man now in good health may die before you do. But you ask me to tell the truth; you spoke of a will that was due to the public.' 'Well?' 'Well, the will to the public must be drawn up to-day. Beside, you have perhaps another will to frame; you must not wait until tomorrow!' Balzac raised his head. 'Then I have but six hours left me!" he cried out in terror. And he fell back on his pillow. The Doctor's last word was a death-blow. The dying agony of him whose name had been Balzac began. He sought the truth;

The London Globe says it has good reason to believe the marquis of Salisbury will

Two hundred and forty friendly natives, habited Shinat, and captured enough grain and cloth to make a large cargo.