

Science AND Invention

Eucalyptus and other trees of the Australian deserts store up water, which the natives obtain by cutting up the roots and standing the pieces on end.

Pure barium, as lately obtained by M. Guntz in the electric furnace, is silver-white when freshly cut, almost as soft as lead, fuses at a low, red heat and volatilizes rapidly at a bright red. It oxidizes rapidly in the air, often taking fire.

An English marine engineer has patented a device for steering twin screw steamships. The tiller controls the steam supply of the propellers, thus diminishing the speed of one or the other propellers according to the degree in which the tiller is moved.

Darwin laid great stress on the "survival of the fittest" in the struggle of living forms for a place on earth. Prince Kropotkin, in a new work, shows that "mutual aid," a kind of co-operation in nature, has been, like competition, a leading factor in evolution.

A radical departure in typewriter keyboard construction is shown in a patent granted to Juan Vidal, a Cuban. The board conforms to the anatomy of the hand, and permits the phalanges of the fingers as well as the tips to be used. Increased capacity and speed are claimed for it.

The high-frequency electric currents of D'Arsonval are applied by two German dentists instead of ordinary anaesthetics. Application of the current to the part is made through a moulding, which is covered inside with metallic powder and a layer of tinfoil, with an additional layer of asbestos to absorb heat. Out of fifteen cases of extraction of teeth with one root, thirteen operations were completely painless. The patient remains in a waking condition, and the usual risks and annoyances are avoided.

Four years ago the Belgian government offered a prize of 50,000 francs for the invention of a paste for matches not containing white sulphur. Recently the judges reported that, after careful experiment and analysis, none of the products submitted fulfilled the required conditions. They were either defective in inflammability or they ignited with friction on all surfaces, or they gave off inflammable substances of a poisonous nature. So the prize still remains unawarded.

Geologists who have visited Martinique since the terrible eruption of Mont Pelee, by which the city of St. Pierre was destroyed on May 8th, report that some of the phenomena connected with this volcanic outburst present facts that are new to science. A "tornado blast," consisting of scorching gases and dry, superheated steam, driven with resistless force across the island, is thought by some to have been chiefly responsible for the sudden and awful loss of life. These fearful blasts were repeated after the catastrophe, and on May 20th they are said to have attained an intensity exceeding that at first manifested; but this time they blew only over the dead. The electric phenomena connected with the eruption was also of an extraordinary character.

Hit in the Solar Plexus.

The cougar does not leap upon its big game nor drop upon it out of treetops, but sneaks close or lies in wait upon the level and goes from cover in a straight rush like the tiger or the hunting leopard. It endeavors to seize upon the lower throat or shoulder with its teeth and to twist the quarry's head against this "purchase" in its powerful forearms until the neck is broken. Failing in this attempt, yet making good its catch-hold, the cougar will—to put it modernly—go in and finish in any old style. It will usually finish once tooth and claw are engaged, but sometimes it falls and even gets the worst of an encounter.

Felix Michaud, a most reliable free trapper of the old regime, once told me he had watched a lion stalking a bull elk. It was a Teton mountain cougar of the big variety. It went from cover in a headlong rush, but missed its neck stroke as the bull lunged ahead, catching him at the point of the shoulder and going under his belly. Both animals were bowled over in a mix-up of hair, hoofs, claws and horns. In a brief struggle, as they rolled over together, the cougar was thrown into the air as if hoisted by a spring trap by a convulsive kick from the bull's hind leg. The maddened elk gained its legs and chased its enemy off the field. An unlooked-for punch in the wind had taken the sand out of pussy.

Opulence.

A hunting party of ladies and gentlemen was detained by a storm at the hut of a Virginia backwoodsman. Dinner being served, there was an embarrassing paucity of knives.

The mother, wishing to impress her aristocratic guests, called in a commanding tone to her young daughter: "Fetch some more knives, Salrey; you know we've got thousands of 'em."

"Law, no, mam; they's all thar! Thar's 'Big Butch,' and 'Little Butch,' and 'Razorback,' and 'Bunty.'"—Harper's Magazine.

Bad Frost in Italy.

Heavy snowstorms and a severe frost, which have killed all their silk worms, have ruined hundreds of peasants in Pieve Di Cadore, northeastern Italy.

Before admiring a girl's hands, because they are soft, and white, ask to see her mother's.

DEATH IN A BRAWL

BANKER NICHOLAS FISH KILLED BY BLOW OR FALL.

HAD TROUBLE IN A SALOON

SUPPOSED TO HAVE BEEN STRUCK BY A COMPANION.

DEAD MAN IS IDENTIFIED

Alleged Assailant and Two Women Held as Suspects—Victim a Millionaire and of Distinguished Family.

New York, Sept. 17.—Nicholas Fish, millionaire, descendant of one of the best known of American families, died at the Roosevelt hospital at 3.25 Tuesday morning, the result of an injury received to Ehrhard's saloon, 205 West Thirty-fourth street, Tuesday. Whether he was murdered or fell the police have not yet determined.

Conflicting stories, such as would naturally follow an event in which criminal responsibility must be placed are told, but there seems to be no doubt that Mr. Fish had a quarrel with a private detective named Thomas Sharkey, who joined the banker at a table where he had been for several hours drinking with Mrs. Libby J. Phillips and Mrs. Nellie Casey.

Mrs. Libby Phillips, thirty-four years old, and Thomas J. Sharkey, forty-eight years old, a private detective were arrested early today in connection with the case.

According to the police Mr. Fish entered Ehrhard's saloon, 205 West Thirty-fourth street, yesterday afternoon with Mrs. Phillips and Mrs. Casey. The police say that Mrs. Phillips knew who Fish was, but that neither Mrs. Casey nor Sharkey, who subsequently joined the party, were aware of his identity. Sharkey, who knew the women, was not reluctant to join the party when one of the women invited him to.

The police say that Fish did most of the buying. Fish then discovered that his money was exhausted, and he announced that he would have to draw a check, Sharkey, ignorant of Fish's identity, questioned his ability to make his check good. Fish, it is said, took offense at this and angry words ensued. Then according to the police someone slapped Fish's face. One of the women, clinging to Fish's arm, dragged him toward the door of the saloon and out to the sidewalk.

The police say that Sharkey attempted to follow Fish, but was for a moment restrained from so doing by the other woman. He finally went out to the saloon and he and Fish encountered each other on the sidewalk. Sharkey's hat had been knocked off and he was bareheaded in the scuffle, by whom commenced it is not known. Fish fell or was knocked down, his head striking the flagstone.

Just before the scuffle on the sidewalk commenced Mrs. Casey, becoming alarmed hurriedly left the party.

After Fish fell, it is said that Sharkey re-entered the saloon and then left it and went into a saloon a few doors away and a moment later left that place and boarded a street car.

He was closely followed by Mrs. Phillips, who was carrying his hat and who also boarded the car. Fish was lying unconscious on the sidewalk and a lot of people gathered about him and some men carried him into the hallway of the saloon and tried to revive him.

Being unsuccessful, they again brought him to the street, thinking he might revive there. He was lying on the street when the officer arrived and called an ambulance from Roosevelt hospital. Fish's identity was not learned until his clothing was searched. As soon as this was learned he was entered as a private patient.

Mrs. Phillips, Mrs. Casey and Sharkey were arraigned Tuesday in police court and were held to the coroner. The police stated to the sitting magistrate that they were held as suspicious characters in connection with the death of Nicholas Fish. Mrs. Casey denied all knowledge of the case. Mrs. Phillips, when questioned about the case, said: "You'll find out later."

Banker Fish, who was fifty-three years of age, was the descendant of one of the oldest and most distinguished of American families. His grandfather, Col. Nicholas Fish, fought with distinction in the battles of Harlem Heights, Saratoga and Yorktown, and his father, Hamilton Fish, was the first secretary of state under President Grant.

PAYS FINE AND LEAVES TOWN.

Fremont, Neb., Sept. 17.—Roy Argersinger plead guilty before Police Judge Dame to the charge of stealing three sheep from one of the Ekiborn right-of-way and selling them to a butcher. He was fined \$2 and ordered to leave the city. He paid the fine and took his departure forthwith. The railroad company did not prosecute Argersinger and the complaint against him was sworn to by the chief of police.

AGREE TO FIGHT TOGETHER.

Hastings Pastors Will Begin Crusade Against Sin in Their City.

Hastings, Neb., Sept. 17.—The ministers of Hastings have stirred up a hornet's nest in the city, which is liable to cause serious trouble before the end is in sight.

When some of the prominent pastors went slumming last week they did not dream of the great surprise in store for them. They had been informed that members of various churches were guilty of patronizing certain disreputable places, but they could not bring themselves to believe the statement, and it was not until they investigated and found members of their own churches in various dens of iniquity that they were convinced. The shock was so great to the clergy that they are now going after various members of their respective churches with a sword of fire, and they have just decided upon definite plans for a crusade against the gambling houses and gilded palaces in this city.

At a meeting of the clergy held last night each minister agreed to raise sufficient funds with which to make the fight to the bitter end. Three thousand circulars will be scattered broadcast, giving a graphic description of the exact conditions of things as seen by the slumming committee, and through these circulars an appeal will be made to the law-abiding citizens to insist upon the removal of these places of indecency and degradation. Rev. John Power, of the Episcopal church, said today that the ministers had agreed to stand by each other and fight the thing to a finish even if they lost every member of their respective churches.

SAID LADY LOVE PICKED POCKET

Plattsburgh, Neb., Sept. 17.—A young man who gave his name as Ernest Jessen, and who said he was trying to get back to his farm work in Otoe county, was in the city Tuesday evening. According to his story he has certainly had hard luck during the past few days, and is now doubtless much wiser than he was before. It appears that he had been reading matrimonial paper, and in this way secured the address of a "pretty young lady, with blue eyes and a fair complexion," whose name was Gracie Goldenberg, and whose home is in Omaha. They corresponded for some time, and finally Ernest became imbued with an irresistible desire to see the girl. A few days ago he wrote her that he was coming, after which he gathered together all the money he had saved up—about \$125—and boarded a train for Omaha. He had no trouble in locating the woman when he got there, and while they were enjoying a walk along the streets she asked him to wait a few moments while she went into a drug store to do some shopping. He waited a few moments and then a few moments more, and when an hour had passed he was still waiting, but he saw her no more. About that time he discovered that his pocketbook was also missing, and he bailed had money enough left to buy him a meal and a ticket to Plattsburgh. He said he had not reported the matter to the officers, as he did not care to have his folks in Otoe county learn how he had been "worked." The experience was an expensive one, but he will doubtless profit by it.

DEATH LIST GROWS.

Kalama, Wash., Sept. 17.—Reports from the stricken districts of Lewis county continue to grow worse. The charred bodies of thirty-eight people have already been found, and it is believed there will be more to follow. Many settlers and an unknown number of campers from outside points are missing. The burned district was settled by perhaps 500 people.

Vancouver, Wash., September 17.—The list of fatalities in Clark and Cowlitz counties as a result of the terrific forest fires continues to increase rapidly. Sixteen deaths are reported and people living in the vicinity of the burned district insist that the list may reach fifty. It is hoped, however, that those fears are exaggerated.

BUTTE, MON., SEPT. 17.—A SPECIAL

From Kallsipel to the Miner says: Forest fires are raging on the north fork of the Flathead river, on the Flathead reservation. Ranchers for two days have been fighting the flames, which are now beyond control. They have sent for help, and men will immediately go to the scene.

SENDS MRS. MCKINLEY CHECK

Washington, Sept. 17.—A treasury warrant for \$39,809 was forwarded today to Mrs. Ida S. McKinley, widow of the late president for salary which would have been due him on July 1, 1902, the appropriation for which was made at the last session of congress.

MURDERER NOT BAD LOOKING

The photograph of Gottlieb Neigenfind, the Pierce county murderer, has been received by the police with official information of the murder and notification from the Pierce county authorities that a reward will be paid for his capture. Neigenfind takes a rather good picture. The photo shows a wild look in his eyes but otherwise he might be described from the likeness as a good looking German.

AT LAST CAPTURED

NEIGENFIND SHOT DOWN AND IS SAFELY IN CUSTODY.

WINSIDE MEN DO THE ACT

MURDERER WOUNDED, BUT PROBABLY NOT FATALLY.

TRIES TO KILL PURSUERS

First to Open Fire, But His Captors Uninjured. News of Capture Cause of Excitement at Pierce.

Pierce, Neb., Sept. 18.—Gottlieb Neigenfind, the murderer of Albert Breyer and his divorced wife, formerly Mrs. Anna Peters, has been captured and is now in the hands of the city marshal at Winside. He was shot down and badly wounded, but may recover.

County Commissioner Cullen of Wayne county and an impliment dealer at Winside were driving toward that town this afternoon. While they were passing a cornfield about five miles west of Winside, Neigenfind suddenly appeared in the roadway. It will be remembered that in a former dispatch it was stated that last Friday, the day after the killing of Breyer and his daughter, Neigenfind rode four or five miles with an impliment dealer from Winside with whom he was acquainted.

The impliment dealer was Cullen, who at that time would have been glad to have reported about Neigenfind, but he had not heard the news of the terrible murder. Mr. Cullen was rather surprised today to see Neigenfind step into the road, he supposed him to be far away. Evidently, on their former ride together, Neigenfind was in search of work, for he told Cullen today that he did not have to go to Stanton for work as he already had work here.

Cullen did not say much, but rode on until he met a liveryman and two young men from Winston who were out for a ride. Cullen told them that he had just had a talk with Neigenfind a short distance back. These men did not have firearms of any kind with them, so they went to a farm house near by and borrowed two shotguns. They then went to the place described by Cullen and finding that they had Neigenfind surrounded, they ordered him to throw up his hands. Neigenfind replied:

"I will never go back to Pierce," and after cursing them he fired six shots from his revolver in rapid succession at the men, but fortunately none of them took effect.

The men fired in return and Neigenfind fell to the ground onto his face with the revolver under him. The captors took the wounded man to Winside.

The doctors who have examined him say he is wounded in the right arm and his face is badly peppered with shot. They say his wounds are not dangerous and that his pulse is regular. It is reported that Neigenfind is unconscious or feigning unconsciousness.

County Attorney August Schwichtenburg, on behalf of the county commissioners, has ordered the marshal to bring Neigenfind over to Pierce as soon as he is able to travel.

Pierce people are gathering in crowds on the streets this evening and the capture is all that it talked about. Much satisfaction is expressed over the capture of the murderer.

When rural free delivery was first inaugurated in Kansas there were some wise guys here and there who refused to put up boxes alleging that it was some nefarious scheme which should be carefully avoided. Are any of these wise guys still holding out?

Among the other brilliant breaks made in the Kansas portion of the new geography which is to be used for the next five years it is stated that the old Court of Visitation is still in existence; and in reporting the butter output of the state the figures of 1895 are given. It is believed by a little rustling the publishers of the book could have secured figures concerning this industry less than seven years old.

Following are the mortgages filed and released in Gage county, for the month of August, 1902: Number of farm mortgages filed, 12; amount, \$23,950; number of farm mortgages released, 25; amount, \$28,752; city and town mortgages filed, 18; amount, \$13,242; city and town mortgages released, 27; amount, \$30,442.

RURAL ROUTE IN SALINE COUNTY

DE WITT, Neb., Sept. 18.—Three rural routes from this place are being inspected by Captain Clark special agent, with good prospects of being established. One will go north-east one will go south-east and one north-west. They are expected to raise the De Witt postoffice to third class.

Thirteen applicants will be given the civil service examination tomorrow morning at 8 o'clock. Captain Clark appears especially fitted for the work as he is making rapid progress in this section.

IN FEAR OF A MOB.

Murderer Neigenfind Huddled Away From Winside.

Winside, Neb., Sept. 19.—Fear of a visit by a mob to lynch Gottlieb Neigenfind, the murderer of Albert Breyer and Mrs. Peters, Sheriff B. M. Jones and Deputy Arthur Oelke of Pierce county today hurried Neigenfind suffering from his wounds, away from Winside. At 1 o'clock the sheriff received a report that a mob had already started on horseback from Pierce and he hustled the prisoner on a cot and boarded the 1:40 south-bound train with him. No one knows where the officers went with the prisoner, but it is surmised the murderer was taken either to Wayne or to the state penitentiary. Investigation at Pierce later showed that the report that the mob had been formed was groundless, but it is true some men on the street corners of Pierce have been talking of lynching Neigenfind.

They remember that Bash, the murderer of his wife and four children at Wayne a few years ago escaped being punished by being sent to an asylum and later freed and this has resulted in distrust of the law. All the shot and bullets in Neigenfind's body have been removed except one in the pelvis, which may prove dangerous.

Pierce, Neb., Sept. 19.—County Attorney Barnhar and the Pierce crowd returned from Winside last night and this afternoon. It is learned that Neigenfind was taken to Blair this afternoon to avoid any danger of being lynched by Breyer's neighbors. Judge Boyd has sent word from Neligh that he will be here on September 29 to try the case and that the jury will also be summoned.

Neigenfind was wounded in both arms and the right thigh by bullets from a No. 22 rifle. One bullet made a scalp wound. There are gunshot wounds on the face, neck and breast. The doctors do not think them serious. He was put on a stretcher and taken to Blair this afternoon. The people of Pierce are quiet, and seem willing that the law shall take its course.

THIS JOB WAS GENUINE.

Marshfield, Ore., Sept. 19.—Alonzo Tucker, colored, who assaulted Mrs. Dennis, near Libby Wednesday, was lynched today. A body of coal miners, heavily armed, marched into town last evening. The marshal attempted to take Tucker from the jail just as the miners entered.

The negro managed to give his custodian the slip and jumped under the wharf into the mud flats, and eluded both officers and mob until today. This afternoon two boys located Tucker under a sidewalk and drove him out. As he emerged a rifle ball struck him in the leg and he also received several body wounds. The miners decided to take him to the scene of the crime. A start was made, but the negro died from his wounds and the mob hanged him to a beam on the south Marshfield bridge. There was not a masked man in the crowd and everything was done in broad daylight.

CAPTURE ESCAPED CONVICT.

Sioux Falls, S. D., Sept. 19.—Frank Ford, under arrest at Indianapolis, has been identified as William Dockery, alias John Thomas, who, with four other desperate criminals, escaped from the Sioux Falls penitentiary April 19, 1900.

Dockery was a member of the famous Dockery gang at Minneapolis. At the time of the escape he was serving a term of five years for the robbery of a North Dakota postoffice. He will be brought back to Sioux Falls. All but one of the escaped prisoners have now been recaptured.

Indianapolis, Ind., Sept. 19.—William Dockery alias Frank Ford, the escaped convict captured by the Indianapolis detectives was taken back to the Tennessee state prison at Nashville today. H. H. Hartford, the warden, came after Dockery and paid a reward of fifty dollars. The authorities at Sioux Falls, S. D., who also want Dockery, wired that they would pay fifty dollars and send for the prisoner, and Hartford immediately raised his bid from \$25.

Dockery has seven months more to serve in Tennessee and at the expiration of his sentence he will be turned over to the South Dakota or Minnesota authorities, as he is an escaped convict from the penitentiaries of both states.

In the Isle of Man roads are kept up by a small tax on every hoof and every wheel, and a sum equal to one day's labor yearly from all the inhabitants.

YOUNG WOMAN KILLS AUNT.

Roanoke, Va., Sept. 19.—Mabel Carroll, aged fifteen, shot and instantly killed her aunt, Mrs. William Emerick, in the Emerick home here Wednesday night. Mrs. Emerick was standing at a bureau dresser when the girl snapped a revolver, which she claims she did not know was loaded. The ball entered the left temple and Mrs. Emerick died instantly. A coroner's jury exonerated Miss Carroll of all blame.

NEBRASKA

The colored people of Nebraska City celebrated Emancipation day last Saturday.

William B. Lord of Nebraska City was sentenced to thirty days in jail for procuring goods under false pretenses.

The Bank of Graf, Capital \$5,000, the Brunswick bank capital \$6,000 and the Valley State bank of Bridgport have been chartered.

A fierce fire occurred at Exeter, the implement house of J. M. Bolland being entirely consumed. The estimated loss is \$4,000, with \$3,000 insurance.

A new grain elevator will be built at Portal by G. W. Youngs, of Springfield. It will be built so that both the Union Pacific and the Missouri Pacific can use it.

At the close of the farewell sermon of Rev. G. W. Hummel of the Methodist church of Blue Hill his friends presented him with a purse of \$53, a dollar for each year of his life.

While racing from a wedding at Norfolk, Otto Zulow, a bicyclist, was struck by a team and rendered unconscious. He did not recover until towards evening.

While playing about the school at Newman Grove the 5-year-old son of J. Hess was run over by a threshing outfit and so seriously injured that he will probably die.

Miss Albea Prohaska, of David City, aged 20, tried to commit suicide Sunday night by taking poison. Medical aid saved her life. The cause is said to have been a disappointment in love.

The weeks' carnival of the Elks was held at Beatrice with a good attendance. Oppenheimer's shows, the second regiment band and numerous side shows constituted the amusement features.

A franchise was granted to the Benedict Telephone company last week by the city council of David City. The new company has a large list of subscribers and will materially reduce the prices charged by the Bell company.

The granary on the farm of William Furneau, near Ainsworth, caught fire in some manner unknown and burned to the ground. The loss is \$1,000 with \$200 insurance. The chief loss was 800 bushels of wheat and rye.

The sheriff at Nebraska City was notified by the marshal at Palmvra that burglars had entered the general merchandise store of Thomas Bell and the hardware store of D. Wait and made away with from \$50 to \$100 worth of goods. From the character of the goods taken and the manner in which the job was done it is believed by the authorities that it was the work of boys who had become excited by cheap literature.

A high wind fanned a blaze which broke out in Hite's jewelry store at Wymore and the fire spread rapidly to C. O. Coe's music establishment and Madsen & Asher's laundry before it was finally gotten under control. The Coe music stock was not damaged much, but the loss to Kite's store will reach \$350, with \$500 insurance. Madsen & Asher will lose \$100, having no insurance.

The identity of Lon Smith, the insane man who arrived in Plattsmouth and appeared to be friendless, has been discovered. His brother, F. E. Smith of Adams, Neb., has written that Lon is violently insane and that he is unable to care for him. Lon has not been at home since he became demented from a sunstroke and his brother supposed he was in confinement at Clarinda. He will be taken to the asylum at Lincoln.

It is reported that Mrs. Albert Sechrest, also known as Mrs. George Hertzler, is hiding in Lincoln. The woman was recently involved in a Kansas City divorce case, and it was discovered that she was posing as the wife of a Kansas City and a Lincoln man at the same time. Her Kansas City husband was killed last June and Hertzler now claims her as his wife. There is no criminal charge against the woman. She is hiding from publicity.

A building boom has been prevalent at West Point for the past few months. An implement house, a bowling alley and a livery business occupy three new buildings which have just been completed and three elegant dwelling houses are about finished. A large two-story brick building is under construction and contractors Hartline and Deer will soon start the erection of two large brick business blocks.