## A RAILROAD HORROR.

A Fast Freight on the Chicago and Atlantic Railroad Crashes into a Passenger Train-The Wreck Burned to the Trucks---Thirty Persons Said to be Killed and Many Injured.

CHICAGO, October II.

the fatalities.

Mrs. William Perry.

Grace Perry, aged 10.

Charles Miller, aged 50.

Minnie Miller, aged 7.

Fred, Miller, aged 20.

William Miller, aged 17.

NEWSOF THE WEEK.

-A few days ago a wealthy coal op-

Mullin, at an undervaluation.

between whose families there had been

a feud for several years, met eac'

other on the public road. After som

words they fired at each other. Han

was killed and Goin mortally wounded

-An express train on the New

York, Pennsylvania and Ohio Railroad

collided with a freight train on a side

track, owing to a misplaced switch, at

Warren, Ohio, on the 11th. Both en-

gines and more than a dozen cars were

demolished. Engineer Fessenden and

Fireman Adsit were badly hurt, but

shaking up.

the passengers escaped with a severe

-A despatch from Brownsville,

Texas, says reports of another hurri-

cane in the Gulf moving westward

Mrs. Lena Miller, aged 48.

Passenger train No.12, which left tims, so far as known, are: here at 7.45 last night, stopped just this side of Kouts at 9.45 to make some reson, Ind. pairs. The freight train, No. 48, which should follow on instructions, received a clear bill at Boone Groove, six miles west of Kouts, and had got up a good speed when it crashed into the rear of the halted passenger train, which was unprotected with lights or fog torpedoes on the track. The night was dark, and the scene during the next half hour was dreadful. The rear coaches of the paslished. senger train were smashed and telescoped so that three occupied less space than one. The live coals from the freight engine ignited the debris under which the wounded and dead were lying. Before substantial assistance could be rendered thirty people had died. Some injured about back and limbs. were mercifully killed by the first shock, but many were slowly roasted to death. No one in the Pullman sleeper was hurt. The conductor telegraphed to his company here that all escaped before the fire reached the car, erator of Pittsburg received a letter and none were injured in the collision. from New York inviting his co-opera-No means existed for checking the fire, tion in a scheme to defraud the Govand only after it had burned itself out ernment of \$100,000. The letter was was it possible to do anything for the signed C. H. Bedell, but gave no defew still alive imprisoned in the debris. Forty per ons were wounded or burned. or both. All were on the train when it left Chicago, but no names were known up to 2.30 o'clock. have been notified.

General Manager Broughton, with all the clerks and others who could be of any use at the scene, left as soon as he heard of the accident this morning. The way train, due here at 11.30 o'clock from Kouts was delayed several hours by the block on the track.

W. A. Duncan, of Syracuse, N. Y., arrived on this train. He saw the wreck. Eighteen or twenty is the number at which he places those known to have been killed. A number of these were burned before his eyes. A little Bohemian boy was hemmed in, but not reached by the fire, and saw his father, mother and two sisters slowly roas ing before his eyes. He was dying as Mr. Duncan left. There was a doctor on the train, Mr. Duncan said, who lost his wife and daughters in the burning wreck. He could do absolutely nothing, and saw them en circled by seething tongues of fire and cremated.

The train was not taken over the track on which the wreck occured, but switched around, the remains of the train being still too hot to move.

create great uneasiness there. Seven A PASSENGER'S STORY. inches of rain feil on the evening of the Several passengers, who were on the ill-fated train, arrived in Chicago this 10th, and the Rio Grande is higher than ever before. The whole country afternoon. One of them, a gentleman from Taunton, Mass., who was on his along the river is mundated. In Mataway home, was sitting in the first car moras the flood has spread greatly. The asleep. "The first I knew," said he, "I heard a frightful crash, and the car seemed shattered, and the pieces were the town on account of the rough flying past me. The next I knew I weather. I found myself almost buried in the ruins and they seemed to keep piling up. I tried to extricate myself and to the soldiers and sailors of that town found I was near a window. It was all dark and all around me were yells and groans, and the blackness made it fearful. I didn't seem to be hurt beyond being shaken up, so I called for help out of the window. Some man, I don't know who, helped me out, and then I turned in and helped to get others out. A little while after I got out, though, the whole thing took fire, and we were forced to give up working on it bit by bit and let it burn, wich the horrible cries of those held inside in our cars. At one place there were two or three women apparently all together, and we tried to get them out. They were shricking all the time in a manner to freeze one's blood, for the fire was coming nearer to them all the time. We worked as long as we could, but could not get them out, and the fire came all around them and finally silenced their screams. To hear their desperate cries as the fire came nearer and nearer and finally reached them, was simply appalling. The wreck burned to the trucks, no facilities being on hand to extinguish the fire. A carload of the injured was taken eastward from the wreck this forenocn. They were maimed, bruised and burned, some quite badly." LACK OF FACILITIES. Frank Cramer, the General Western Agent of the Guion Line of steamers, was on board the wreck train, but escaped uninjured. "The first we who were in the sleeping car knew of the accident," said Mr. Cramer, "our coach was run into from the rear. The forward coaches, it seems, were telescoped by the shock. There were only seven passengers, I think, in the sleeper, and none of them were killed or injured. I was asleep when the shock occurred. 1 dressed myself and, when I got off the wreck, I saw that the whole train was ablaze. Many who were killed or seriously wounded must have been burnt up, as the fire broke out as soon as the accident occurred. The trainmen did what they could to were lacking, and many people doubtless perished in the flames because no help could reach them." Dr. MeKee stated that only nine bodies had been recovered, and they were so badly charred as to be almost any of them being a blackened trunk. handfuls of ashes. The nine were as follows: The Miller family of Dundee, father, mother, two brothers and a girl, (their 14-year-old boy Herman will

When daylight came the remains of mont, fell on the morning of the 12th. farm houses. ten people were found, and this, the The tops of the Adirondacks are Frost was reported as far railroad officials claim, is the extent of white. south as Gibson, Mississippi, on the evening of the 11th. No one knows how many passengers

were on the ill-fated train. Superin--R. S. Hicks, cashier of the Staftendent Parson claims that the number ford Springs National Bank, in Stafwas very small, but survivors claim ford Springs, Connecticut, was arrested that there were fully fifty passengers on the 12th, on the charge of misapproin the two coaches. How many occupriating the funds of the bank. It is pied the sleeper is unknown. The vicsaid the defalcation will exceed \$100,-000, but the exact amount will not be known until returns are made from Dr. William Perry, of North Judvarious New York and Boston banks. It was Hicks' method to falsify the books so as to show excessive amounts due from those banks. He contessed to having taken \$73,000. The capital stock of the bank is \$200,000 and the surplus \$24,000, while the undivided profits amount to over \$3000. Hicks gave bail in \$40,000. Two unknown persons complete the

-A telegram was received in Otlist of the dead as certainly estabtawa, Ontario, on the 12th, saying that It is impossible to obtain a list of the five men and a span of horses on Mcwounded on the train, as only two are Kay and Doherty's Limits have been missing since the 10th, and it is beleft behind. They are: Herman Miller, aged 14, skull fractured and right lieved they were drowned in Kippewa lake while crossing on a frail ferry leg shattered; recovery impossible. Joseph McCool, aged 24, of Boston, boat.

-The Coroner at Huntingdon, Indiana, on the 12th, began an investigation of the facts attending the collision on the Chicago and Atlantic Railroad, at Kouts, on the evening of the 10th. It was testified that eighteen passengers were taken out and nine killed and burned. All the trainmen examined claimed that the night was foggy, and that danger signals could not be seen until they were right upon them.

-"The best counterfelt five-dollar post-office at Cuba, Illinois. "It was rested in Coleman, Texas, on the charge of being the lone highwayman who several times robbed the stage be-

-It is reported from Kansas City and several persons were injured by the has been revoked. Six new cases a d fall of a crowded platform.

-A disastrous storm occurred on the southern coast of Mexico, on the 7th and 8th inst. Quelito, a city of more than S000 people, was totally destroyed, can be obtained, as the wires are down, tained, It is reported that the entire patches report a high wind in that city coffee and orange crop in Siniloa is de- on the afternoon of the 14th, and also stroyed.

-Michael Rogers, driver, was thrown from a chemical engine while going to report that an earthquake shock oca dre in Syracuse, New York, on the The wheels passed over his 12th.

ter-Ocean, Dr. T. G. McLure, Boone Grove, who was active in aiding the sufferers at the wreck at Kouts, on the Chicago and Atlantic Railroad, says: "Those remains which were removed are of persons who were sitting on the seats near the windows, and fell o itwards when the charred frame-work ting inside, and whose remains fell on the rails, were burned to powder, and a few pieces of bone would be found. The heat between these rails was sufficient to have destroyed all the remains. In such a heat, when the charred mass gooled, it would go to powder by embers falling on it and nothing would counted fifteen bodies. -Minnie Demor, 17 years old, the adopted daughter of James Henderbecause she did not want to nuise it. She poisoned the cows so she would not have to milk them, and set fire to Henderson's house five times. Carlos Perca killed a man in Los Cruces, New Mexico, some months ago. He was tried and condemned, the abjuctors of Senator Berrera, but was granted a new trial, and in the interval was released on bail. He fled and was living under an assumed name, at Ysleta, when arrested on the 12th by two officers, while in a hack riding to El Paso. Perca fatally stabbed Officer Trujillo, and then made an attack on Officer Gaskey, but the latter was too quick and shot Perca dead. Alca de Pino, a Mexican, and Thomas Wright, a cowboy, quarrelled about the ownership of a ow at Grant, New Mexico, on the 13th. Pino shot and killed Wright, whereupon a young man named Bell, who was working for Wright, shot and killed Pino. -An accommodation train on the Missouri Pacific Railroad was run into at a station near Independence, Missouri, on the morning of the 13th, by an express train. A woman standing on the platform of the station was FLOI killed by flying debris, and three persons on the train were severely injured. Many others suffered slight injuries by trying to break through the windows. The collision was caused by the failure of the despatcher to notify the express conductor that the accommodation had preceded him. -One more body, making seven in all, has been found in the ruins of the chapel and laundry connected with the Northern Ohio Insane Asylum, near Cleveland, which were burned on the night of the 12th. It is thought all the injured inmates will recover. Three escaped patients were captured on the ed for.

only two or three of whom are injured. of the season at Middlebury, Ver-, had consumed much grain and several

-A despatch from Havana says a Minna was getting discouraged. cyclone swept over the southwest por-Everything seemed to be going wrong, tion of the city on the 13th, moved in a westerly direction. It was raining from the time the coffee come up cold and the toast had been burnt at breakheavily throughout the island.

-The money taken from the Pacific opportunity to stick up his nose. Fer-Express Company by Messsenger John dinand was her cousin, and considered B. Owen has all been recovered It barrel of ashes in the rear of Owen's residence in St. Louis. The amount ound was \$33 000. Owen told the detectives where he had hidden the money. A burglar entered a dwelling tocratic palate, for she was only alon the outskirts of Fond du Lac, Wisowed so much to set the table and pay consin occupied by Mrs. William expenses with. Koehne and her four daghters on the "It's like trying to make bricks with-

morning of the 13th. Upon being disout straw," she said to herself as she paid covered he attacked the five women the cook and found that she had only wit a club, seriously injuring all of them, and then made his escape. He wish mamma was something of a housesecured but \$3 as booty. A reward has keeper." Then she sat down and had been offered for his arrest. -A telegram from Nogales, Arizocousin Cuthbert Craig drop in an hour

na, says that all attempts to get news later when she had composed her of the storm on the southern coast have | nerves somewhat. failed. It is believed, however, that Cuthburt looked about him with a the cities of Mazatlan and San Blas "have been wholly if not partially destroyed by the tidal wave." lids.

"How is cousin Harriet? Is she at -The deficit in the account of th home?" National Bank of Stafford Springs

"Mamma has been perfectly well all making us a little visit. I am sorry he is not here to see you." Cathbert did not look distressed. They were not friends, those two cousins, Cuthbert and Ferdinand. It from what he knew he was satisfied said, deliberately, "is a man who will fession!" echoed Ferdinand, contemptuously. "What is the profession of a young doctor without money or in-

will be as much as he can do.' relationship to Dr. Cuthbert Craig.

denly interrupted at 25 minutes past 12 a large fire raging at Magnelia, one of its suburbs. United Press despatches

that slaps you in the face!" "The carpet is bad. It might be worse, however. You did not choose 12 ??? "Oh, never! It was already here." that "no earthquake symptoms have

"You have used your materials skilfully, Minna."

## Gazing Into Shop Windows.

One young man was walking reflectively along, and the class of articles that seemed to interest him were very peculiar indeed. He stopped in front fast, which had given Ferdinand an of a large display of laces and read with great satisfaction the sign, "Prices completely wrecked. Only five cents a himseif a great swell, so she did not yard." "Cheap enough," he mutwas found on the 12th concealed in a like to give him an opportunity to find tured, and passed on by window after fault with her housekeeping. She was window of smokers' articles, beautiful wondering how all the money was to paintings, gentlemen's cases and hats, be found to pay for the luxuries her till he came to a display of ladies mother had ordered to tempt his aris- gloves. Here he tarried a long time. A while after he was standing in front of a display of wall paper. What was he thinking about and why was he alone? Was he on the verge of some mental Rubicon, the crossing of which was connected in some way with the \$4 left to finish the week on. "I do prices of laces, gloves and wall paper? Perhaps the most interesting observation of human nature that can be a good cry. She was glad to see her taken during a walk by the shop windows, and one requiring no very keen powers of perception, is afforded by stepping up in front of any deserted window. It is not necessary that there comprehensive glance, which failed not be anything on exhibition. Let there to include Minna's tear-swollen eye- be nothing inside but a bare shelf. Stand there a moment gazing within and soon somebody else will step up beside you, then another, and within a minute or two there will be several. the Winter. She has gone to Kate's The experiment can be repeated again this morning. Ferdinand is with us, and again with uniform success.

### Drinking Buk.

The reason commonly given by ladies why they do not like beer is that it is 'so bitter," bu the real reason is that women are rarely enabled to drink beer under favorable circumstances. The essence of beer lies in its aromatic gas. If that is allowed to escape the beer tastes stale, flat and bit.er, and gives rise to headaches and indigestion, whereas with the gas it is palatable, wholesome, and an aid to digestion. To get it in this state it must be taken from a key freshly tapped and drank on the spot without much delay; and By which it will be seen that Fersince women of the higher classes in dinand did not appreciate his distant this country do not frequent localities where beer is kept on tap, they never This young doctor, whom Ferdinand have an opportunity to find out how good beer really "tastes," for bottled beer consumed at home is always vastly comfortably in his chair and looked at inferior to keg beer. In Munich, however, which is the paradise of beer "How pretty your rooms are," he drinkers, women are as fond of beer as men, because it is consi 'ered perfectly "Oh, do you think so?" Minna proper for the best families to visit the festively illuminated beer gardens in the evening. In Munich, too, every "Yes, they are very pretty. You mug and glass has a lid to prevent the gas from escaping too rapidly. This gas "Artistic. Cuthbert? With a carpet must not be confounded with the artificial foam which dishonest bartenders produce in a glass by holding it far below the faucet, a practice which not only compels the guest to pay for half a glass of empty foam, but which allows

the real gas to escape prematurely.

tails. The coal operator informed the police, and then made an appointment gold piece ever seen in the West'' was, with Bedell for the 11th, but he did on the 12th, received at the Governnot appear. The police of New York ment building, in Chicago, from the perfect in form, size and weight, and -The officers of the Department of was marked as having been coined in Customs at Ottawa, Ontario, have 1855." J. A. Newsome has been arseized a large quantity of rubber shoes and clothing imported by a St. Johr New Brunswick, merchant names. -In Monroe county, Georgia, on the 9th, A. J. Goin and William Hand

ween Bailinger and San Angelo. that during the President's reception there on the 12th one man was killed

and many lives lost. No particulars Charleston, South Carolina, was sud-Despatches state that the supposition is o'clock on the morning of the 15th, that there were a number of wrecks in and no definite explanation of the the gulf, but the facts cannot be ascer- cause is given. Associated Press des-

chest and he died in a short time.

-In an interview in the Chicago ever be known of them." Dr. McLure the death of nine persons "resulted states the number burned to death as from carelessness or negligence on the "at least sixteen or eighteen." He says part of the train despatcher and the that at Miller's Hotel, in Kouts, after | engineer of the fast freight, No. 48. the accident, there were seventeen in- | and censuring the company for allowjured persons-seven women and ten | ing a crippled engine, pulling a passenmen. The porter of the rear Pullman ger train to be on the road a few mincar on the wrecked train stated that utes in advance of a fast freight, and the tickets in the possession of the con- by the negligence of Engineer Dorsey ductor showed that nineteen passen- | in not providing his engine with sand gers were missing. The porter himself | and his recklessness in running at such which died suddenly a few weeks ago, and mill. PROVISIONS

Connecticut, according to an estimate by the bank examiner on the 13th, reached \$84,000. "Aside from the above, the bad debts amounted to \$70,000, in addition to what is recorded in the books in the way of notes, making an aggregate of over \$159,000. The Comptroller of the Currency said on the 13th that he did not expect to was Cuthbert of whom Ferdinand had receive a report in the case of the been speaking at the breakfast-table, Stafford Bank for several days, but in his old way. "Cuthbert," he had

that the depositors will sustain no loss. never make any money as long as he The Cleveland Drug Company, of lives." Mrs. Barney had suggested Cleveland, Ohio, made an assignment that he had his profession. "His proon the 13th. Liabilities, \$50,000; assets, \$60,000.

-D. Joseph Y. Porter, President of fluence? If Cathbert keeps himself in the Health Board of Key West, who is shoeblacking for the next ten years it also an ar y surgeon, having gone to Tampa to investigate the epidemic, the order to Surgeon Guiteras to go there

two deaths were reported in Tampa on had condemned to the perpetual bondthe 13th. A death from yellow fever age of poverty, settled himself more in Palatka, Florida, was reported on the 13th.

the fire, then at Minna. -All telegraphic communication with said at last. drew a long breath that was almost a

have made them artistic curred in Charleston at midnight, and that it was felt slightly in Augusta, but the Associated Press telegrams say

developed at Augusta or Savanah,

from the scene of the wreck to Huntington early this afternoon accompanied by the Coroner.

#### THE KILLED.

steamer Aranzas has been two days off the bar unable to communicate with

-At Bethlehem, Penna., on the 11th a monument erected at a cost of \$4000 | sell to pieces, but those who were sitwho died in the war for the Union was unveiled in presence of a large assemb- | not a vestige of them, except, perhaps, lage. There was a civic and military parade, which included Grand Army Posts from all the towns in the Lehigh Valley and from Trenton, New Jersey; also secret and benevolent societies and firemen. Governor Beaver, Major A. Wilson Norris and General W. E. Doster made addresses.

-Dr. Wall, President of the Health Board, of Tampa, Florida, telegraphs to Surgeon General Hamilton, in reply to an inquiry as to the nature of the disease there: "It is unquestionably yellow fever, though popular sentiment of those remaining here is against me. Albumen in the urine, with the char acteristic icteric hue. One death on the 10th. It is all over the place and the city authorities are doing nothing.' Three new cases and one death were reported on the 11th. The fatal case son, of Manistee, Michigan, has conwas marked by the characteristic black | fessed that she smothered the baby vomit.

-A deposit of gold yielding about \$800 per ton is said to have been discovered in Buckingham township Quebec.

-It is reported from Brownsville, Texas, that the rancheros in pursuit of caught and "executed" five of them in Starr county. Berrera, it may be remembered, was recently captured by bandits and held eight days until \$1500 was paid by the family for his release. Before being killed the bandits confessed a plot to capture and hold for ransom a prominent capitalist named Yeurna. A colored man drowned his wife at Ponchatoula, Louisiana, on the afternoon of the 10th, because she refused to live with him any longer. While she was drowning her brother appeared and shot his sister's murderer, who sank with the body of his victim to the bottom of the Amite river.

--The dead body of a young woman, supposed to be Anna Zofinski, aged 19 years, who disappeared from Nanticoke relieve the wounded, but facilities three weeks ago, was found on the were lacking, and many people doubtside near Plymouth, Penna. She had apparently been murdered.

-For the past four days forest fires have been raging in Sonoma, Alameda, San Mateo and Santa Cruz beyond recognition, the most left of counties, California, all in the vicinity of the Bay of California. Several and in some cases little beyond a few fine farms have been completely burned over and the ground is covered with carcases of all kinds of dead animals. Many families have been rendered homeless. Fire broke probably die also); Dr. Perry, of North out on the 12th in the carge of the Judson, Indiana; Dr. Perry's wife, Dr. British steamship Hugh Lenden, load-Perry's daughter, aged 11; a young ing at Savannah, Georgia, for Liver-Irish lady.

The killed and wounded were taken ing flercely. The vessel has four thousand bales of cotton on board, The fire was extinguished after seven. 13th, and only two are now unaccountteen hundred bales of cotton were

#### damaged by smoke and water.

-A prairie fire was started by a WOOL-

which are the nearest points to Charleston with which communication is open." Later in the morning telegraphic communication was opened with Summerville, twenty miles from There never would be a victory, if Charleston, "but the telegraphers there | there never was a fight." have no explanation to offer for the sudden interruption of the Charleston wires. They report no atmospheric or terrestrial disturbance." A still later telegram says the interruption may have been caused by a fire among the large phosphate factories. -The verdict of the Coroner in the

Kouts disaster was made public on the 14th in Valparaiso, Indiana. It was found that the collision which caused

a rate of speed through the fog." -The boller in a saw mill in Centreville, West Virginia, exploded on the evening of the 13th, killing three men and completely wrecking the engine

-The Marine Hospital Bureau on the 14th, received a telegram from Dr. Porter, President of the Key West Board of Health, announcing his arrival in Tampa, Florida, on the morning of the 13th, and saying: "Have seen cases indiscriminately. The disease is undoubtedly yellow fever, presenting the characteristic tests." There were three deaths from the fever on the evening of the 13th, and several new cases reported on the 14th. The case of yellow fever reported in Palataka, on the 13th, did not originate there. The victim was a refugee from Tampa. The hause where he died was quarantined and the bedding and effects were burned.

#### THE MARKETS.

rost - 103 - 73 Lard loose ..... 6 50 8 95 6 8 30 Wheat No. 1 red ..... 86 @-

'There was so little to use, said she despondently.

"Therein hes the merit, doesn't it There are no heroes ready made.

BRICKS WITHOUT STRAW:

Or, Perseverance Must Conquer.

Minna did not answer. Those provoking tears would come back again! Cuthbert's eyes had a flash in them, which she did not see, owing to those same troublesome tears.

"By the way, Minne," said Cuthbert, presently, "will you go to Thomas's Concert with me this evening?" Cuthbert having announced his de-

walked around the room, regarding first one object of art, then anoter.

"Don't examine everything so closey, Cuthbert," said Minna, laughing. You must merely glance at the general effect. I do not want things ooked at in detail."

"Aud does that rule extend to yourself?" said Cuthbert, turning suddenly upon her.

"Yes," said Minna, though she colored.

"You did not tell me in time," said he, quietly. "What was it Minna?" he continued. "Won't you tell me what caused all those tears?"

"The old story, Cuthbert. Trying to make bricks without straw." "Perhaps you try to make too many

bricks, Munna?" "The house must be built you ksow."

"What represents straw in the present instance?"

"Oh, many things. A little more strength, and a little more time and-"And a little more courage and per-

severance," added Cuthbert with a smile

"That is easy for you to say, Cuthbert. You are so strong in both."

"Am I, indeed? I was thinking of borrowing straw from you. Perhaps you can effect a profitable exchange of commodities. Think it over, will you? Good-by."

Dr. Craig came for his cousin that evening in the coslest of coupes. He brought her, too, a bunch of freshest lillies-of-the-valley. Minna fastened a handful in her dress, and through the evening their heavenly odor linked itself with every tender strain that

When they reached home the fire was out and the room cold, yet Cuthbert lingered.

"Minna." he said abruptly, "did you know that I had got that place in the life insurance?"

Her voice, in reply, was quite low: "The place of examining physician? Was not that the one you wanted?"

"Yes," said Cuthbert, with a sudden fervor. "I did want it, and I worked hard for it with one purpose, with one end in view. He bent over her chair. "You know what that was -my one love." She spoke not. He went on, passionately:

work ng and hoping in vain?" "No Cuthbert," she answered,

sofily, placing her hand in his, "not in vain.'

-Soft wood compressed by hydraulic machinery is reported to be a useful now to be cheaper than boards for fencsubstitute for box-wood for the manufacture of loom shuttles.

## The Rise of the Rose

It is to the small rose of China that we owe the most marked advance toward the modern standard. The tea rose had the babit of blooming, not annually alone, as did all in Europe before its introduction, but continuously, or at least in monthly crops. This habit of the Chinese rose was taken advantage of and was artificially hybridized with other larger growing sortswith damask and Provence roses, old tavorites of the garden; with the single parture, seemed in no haste to go. He yellow and the Persian roses-and from the progeny thus obtained-with infinite and pains, have come such triumphs of the gardener's art as Marechal Neil, La France and Catharine Mermet. All of these have also some of the properties of the tea rose; they have also some of the marks of the various quarterings of their pedigree, and one may say that of their production strains have been produced from every quarter of the northeastern hemisphere.

## Heredity in Handwrting.

Do you believe in heredity in handwriting? A friend advocates the theory to me with much show of reason. His life has been a long one, and he says that now, in noticing the signatures of children of friends of his, he is frequently startled by the close relationship of their penmanship to that of their parents. Inquiry does not demonstrate that the children have intentionally copied the handwriting of their sires, but without intent have come into the same pen pecularities. In some instances the difference between two could scarcely be distinguished. The student of heredity and its many whims has here a new field of labor that might prove interesting in the development.

# How Carrier Pigeons are Trained.

The training of carrier pigeons begins as soon as they are strong enough to fly. 'The young birds are taken in a covered basket to a place about a half a mlle from their home and set free. Those which do not go home are considered worthless; those which do so at once are tried again, the distance being increased each time, until it is found that they will go back, no matter how far away they may be carried. The messages conveyed by these birds are usually written or photograped on very thin paper, and tied around the leg of one of the tall feathers in such a manner that they do not impede the flight of the birds.

Spain is to have the luxury of dining cars on her railways, under the management of a special company, which has obtained a concession of the right of running them for 20 years.

According to Dr. Van Der Ven's re-"Have I been trying to make my According to Dr. Van Der Ven's re-bricks without straw? Have I been searches phosphor-bronze in telephone lines has about 30 per cent, of the conducting power of copper, silicon-bronze about 70 per cent., while the steel as used in wires has only about 10.5 per cent.

> WIRE netting, two-inch mesh, is said ing poultry, and more easily arranged with less labor.