#### The Field of Science.

The best conductor of electricity at present known is silver.

From statistics gathered in India it appears that cholera is far more deadly in the open than in the wooded districts.

M. Zenger ("Ciel et Terre") maintains that the hurricanes of the West Indies that of the rotation of the sun.

gous to the white of an egg. It is found abundantly in the juices of green leaves, as well as in the flour from wheat.

Two ninety-foot lathes, said to be the largest in the world, have been made by the South Boston iron Works. Each lathe contains 600,000 pounds of iron. They are to be used to bore out cannon.

M. Spring (Belgian Academy of Sciences) concludes that the seat of the electricity of storms is not, as generally admitted, in the moist regions of the atmosphere, but in the cold and dry superstratum.

Of the 140,000 known species of plants M. de Candolle finds that mankind makes use of only about 300 at most. He states also that the cherry was known both in Greece and Italy long before the time of Lucullus.

A peculiar tree, named the "Sorrowful," grows upon the island of Goa, near Bombay. It flourishes only at night. The flowers, which have a fragant odor, appear soon after sunset the year round, and close up or fall off as the sun rises.

Ninety-three thousand acres of trees have been planted under the new Arboriculture act in Kansas. Unfortunately preference has been given, because of its rapid growth, to the cotton tree, which in every respect is as worthless as the mullen stalk.

Muskrats cut down trees three feet in diameter. They fell them in any direction with the accuracy of a Michigan lumberman. Along the streams in Southwestern Colorado, millions of feet of valuable timber have been destroyed by these rodents.

Electrical motors have recently been introduced at several French collieries. A Gramme machine has been in use for others are at work in the Thibaud mines, belonging to the Terre Noire Company, and at the mine de la Peronniere.

Professor Whitney maintains that the earth is gradually drying up-a process which commenced in cretaceous times. The increasing dryness, within the historical period of Persia, Arabia, the countries around the Aral and Caspian, North Africa and Greece, is proved by abundant facts.

The London Live Stock Journal says that sunflower oil is greatly used for adulterating salad oil, and that the leaves of the plants are largely employed in the adulteration of tobacco. The oil is supposed to be unsurpassed as a lubricant, and soap made from it is unequaled for softening the skin.

A German patent has just been taken out for the manufacture of bottles, etc., from cast iron, containing 12 per cent. of silicon, a compound which is said to resist the action of the strongest acids. It is also recommended for the iron plates of zinc and iron galvanic bat-

The skeleton of a Dinosaurin reptile, thirty-five feet long, has been unearthed in the Bad Lands of Dakota. The creature is supposed to have stood twentyfive feet high. The weight of the skull is 694 pounds, and the whole skeleton 1900 pounds. The bones will be placed in the Academy of Natural Sciences in Philadelphia.

The tensile strength of glass has been shown to be between 2000 and 9000 pounds per square inch, and the crushing strength between 6000 and 10,000 pounds per square inch. By trials a under a load of 170 pounds.

so-called.

arctic voyage, was perplexed by the question: What becomes of the bodies extinct reptiles than the bodies of the seal, walrus or bird of the present day. The problem is yet unsolved.

In an American Association paper fied wood, and in which very fine im- istered tonnage, must be carved upon We wrote nearly 40,000 letters last treated the same as if we rode in a was burned to death at a bonfire in distance of five miles apart or the sabre pressions of leaves-including those of | the beam as well."

the sweet gum, or liquidambar, viburnum, zizania and elm-are occasionally

An account is given in English journals of the performance of a locomotive on the Great Northern Railroad, which recently carried the Duke of Edinburg from Leeds to London, 1864 miles, in three hours, or at the rate of sixty-two and the typhoons of the Chinese Sea miles per hour. This speed has frehave a period of twelve days, equal to quently been equalled and sometimes surpassed for short distances. The Vegetable albumen in its pure state engine had driving wheels eight feet in is a thick, glairy, tasteless fluid, analo- diameter, or two feet larger than the wheels of American engines.

A health station for patients suffering from pulmonary consumption is to be erected on the summit of the Schwarzhorn in Switzerland, at an elevation of about 10,000 feet above the sea. The hotel, which is to bear the name of "Adlerborst" (eyrie), will be built to accommodate 200 guests and be accessible by a narrow carriage-road, as well as by a wire-cord tramway. The construction of the hotel is to be proceeded with at | as a cat." once, and the house is to be ready for occupancy in two years.

According to the recent official report the use of horse-flesh as an article of us, if he was alive. He still appears in human food is steadily increasing in the street; but as he did not call, it is number was 9000, and in 1881, 9300. Besides these, there were sold at the forty establishments exclusively devoted | chief. When a handsome young wife | to this business ten carcasses of donkeys in 1875, 320 in 1880 and 400 in 1881. The estimated weight of horse-flesh consumed in Paris last year was about 1670 English tons, and in addition the office boy, started to wait on her. about 18 tons of donkey-flesh, without reckoning the offal, which is used in the making of sausages.

#### Gambetta's Oratory.

The chief secret of Gambetta's power as an orator was that he allowed his emotions to carry him along with them. as seemingly helpless as a leaf in the tempest. He employed none of the arts | take the statement of the meter," was of oratery, none of those studied ges- the reply. "Great heavens!" cried the tures which are the stage carpentry of | householder, "I hoped you were only a the tribune, the sheet anchor of medi- burglar." ocrity. Gambetta's characteristic eloquence was the language of passion; it was not until his whole being was some time past at the Blanzy mine, and shaken and convulsed by the storm within him that the jeers of enemies return. were silenced and men who detested his principles grew pale with excitement and surrendered themselves for the time was in the chamber of deputies whe | Ain't he?" Gambetta delivered one of his last great speeches. He walked up the steps of the tribune listlessly; his face was un- thinking about nothing, auntie. usually flushed; he seemed oppressed by the summer heat and doubtful of himself. He commenced speaking slowly, almost hesitatingly, and in such a low voice that every head was bent forward in order to catch his words. There was no mighty swing of the axe against the tree he wished to fell, but a dilatory clipping of the bark that was positively irritating to those who expected to see the giant rush at once to his task. Presently some murmurs arose in the house, some scoffing from the reactionary side. Gambetta's nostrils dilated, the red hue of his face changed to pale olive, his fingers clutched the rostrum nervously and his voice at each successive period rose to a higher tone. Fresh interruptions came, in which perhaps the orator caught some bitter personal allusion. Then he began to pace the tribune like a caged lion. His massive head was thrown back and his eye flashed defiance, while period after period was thundered forthr with such a volume of sound as to drown the rising tumult. From that moment, and for fully an hour after-

# A Lost Locomotive.

ward, the chamber was spell-bound.

short time ago M. Traulienie found that | bridge on the Kansas Pacific Railway, | never bin cook none," "Can you flooring glass one inch square and one across Kiowa creek, several years ago, foot between the end supports breaks sinking into the mud at the bottom, and none neither. Aunt Sally wash." "Can has never since been heard from, though | you clean house, then?" "No'om, Professor Owen, in Longman's Maga- repeated efforts have been made, by digzine, says that "present evidence con- ging and boring, to rocover so valuable curs in concluding that the modes of a piece of property. The bottom is qucklife and grades of thought of the men sand, but even quicksands have limits, who have left evidences of their exist- and it seems very singular that the longence at the earliest periods, hitherto est boring-rod has failed to find any discovered and determined, were such trace of the sunken engine. By-and-by da's dusky face brightened. "Sukey as are now observable in 'savages,' or the silent mysterious operation will the human races which are commonly drain the quicksand and harden it into I keep flies off de ole miss!" rock, and then, long after the Kansas Professor Norkenskjold, during his Pacific road has been forgotten, and the Kiowa creek has vanished from the map, some future scientist will discover a of animals which die a natural death? | curious piece of mechanism, undoubt-He very seldom found such remains, edly the work of human hands, lying and declared that on Spitzbergen it was | under so many hundred feet of sandeasier to find vertebræ of monster stone, and will use the fact as a basis of calculating how many million years old the human race must be.

#### Cullings.

At a recent fire in Ottawa, Canada, some one sent a telegram to the owner. who was in Boston, saying: "Premises all on fire. What skall we do?" The answer came back promptly: "Put it

"I know," said a little girl to her elder sister's young man at the supper table, "that you will join our society for the Protection of Little Birds, for mamma says you are very fond of

"I like your new hat very much," he said. "It's 'chic,' there's a sort of 'abondon' "-"There isn't any sort of a band on it," she said, pouting; "it's a real ostrich feather."

A member of the rhetorical class just finished his declamation, when the professor said: "Mr. --, do you suppose n the manner you spoke that piece?" "Yes, sir, I do," was the reply, "if he was half-scared to death, and as nervous

A cute editor wrote the following : "A man who is owing us a little bill said he would call last week and pay Paris. In 1875, 7000 horses were slaugh- naturally supposed that he is dead and tered for this purpose; in 1880 the walking around do save funeral ex-

This slang does raise the very miswent to a hardware store to get one of those wooden contrivances to mash potatoes and said, "I want a masher,' every man in the shop, from the boss to

Gent to waiter: "Bring me some grammatical and typographical errors." Waiter (looking puzzled at first, but recovering in a moment his usual serenity): "We are just out of them, sir." "Then what do you mean by keeping them on your bill of fare?"

A man found a rough-looking individual in his cellar. "Who are you?" he demanded. "The gasman come to

An Irishman once received a doctor's bill. He looked it carefully over, and swindled." said he had no objections to paying for the medicines; but the visits he will

"Ain't that a lovely critter, John ?" said Jerusha, as they stepped before the being to the magic of his influence. I John; "but he's dreffully freckled.

"En passant:" What are you always thinking about, Ida?" "I am always never think about anything unless I happen to think of something to think

about." A little girl who ran home from school, all out of breath, said: "Oh, please, ma, may I get married and have a husband?" "My child!" exclaimed the astonished mother, "don't let me hear such words from you again!' "Well, then, may I have a piece of bread and butter and go out to play in the back yard?"

It was a sleeping car at midnight. Three-fourths or more of the passengers had been kept awake by the loud snores of an adept in the art. Sometimes Æolian strains would mount the scale and in fortissimo melody it would almost lull the listener to repose with its plaintive lullaby. At last a stentorian blast that fairly made the windows rattle was followed by a period of perfect silence. "Thank heaven," exclaimed a passenger, "he has blown his brains out."

a correspondent, when the number of our servants was much reduced, two negro girls aged eighteen and twenty, up a fire poker, and the boy went out in went to the nearest village to hire out. | a hurry and hung up a sign in front of The lady, to whom they applied, asked the grocery, "Cash paid for fat dogs." A locomotive ran through a broken if they could cook. "No'om we ain't wash?" "No'om, we ain't bin wash least we ain't never been clean none." And so I went on through the whole list of qualifications, receiving always the called out: same negative answer. "Well, what in heaven's name," said I at last, "have you been accustomed to co?" Lucinhere, she hunt for master's specs, and

# Statistical and Useful. The Money Order System.

The following figures are furnished by the General Superintendent of the money order department: The number of money orders issued during the fiscal l year.

"True. If you are not tired of figures I will give you some more. In 1879 we had 1,161,378 transactions, amounting in money to \$43,652,273,37. This year, 1880, showed 1,351,095 transactions, amounting in all to \$51,231,749,04.

"You spoke of the increase."

was an increase over 1878 of 100,119 transactions and \$5,000,000. The next This was a gain over the previous year of 189,920 transactions, and \$7,579,-475.67. The work is constantly increasing. The average of all the orders is

### Quantity of Seed per Acre.

Grain Drilled. - Wheat, 11 to 2 bushels; rye, 14 to 14; oats, 24 to 3 Barley and oats, 1 bushel of oats to 2 bushels of barley; peas, 2 to 3 bushels; buckwheat, & to & of a bushel; corn in that a general would address his soldiers | hills, 6 to 9 quarts; in drills for fodder, 2 to 3 bushels; broom corn in drills, to 2 of a bushel; beans, 1 to 11 bushels; sorghum, \$ to \$ of a bushel.

> Grasses.—Timothy, 8 to 12 quarts; orchard grass, 13 to 2 bushels; redtop, bushel; lucerne, 8 to 10 pounds.

Vegetables and Seeds.—Beets, 4 to pounds; carrots, 2 pounds; ruta baga, \$ to 1 pound; tobacco, 2 ounces, cotton, 2 to 5 bushels; turnips, 1 to 2 pounds; onions, 3 to 4 pounds.

### How He Diverted His Pa's Mind

The bad boy's pa, according to Peck's Sun, has been taken in and done for by a pious Colorado swindler, who made him vice-president of a fraudulent mining company which didn't own any mine. After relating the circumstances the bad boy said to the grocery man: "Don't you never try to get rich quick."

"Never you mind me," said the grocery man. "They don't catch me on any of their silver mines. But I hope this will have some influence on you, and teach you to respect your pa's feelings and not play any jokes on him while he is feeling so bad over his being

"O, I don't know about that. I think when a man is in trouble, if he has a good little boy to take his mind from his troubles, it rests him. Last night we had hot maple syrup and biscuit for supleopard's cage. "Wa'al, yes," said per, and pa had a saucer full in front of him just a steaming. I could see he was thinking too much about his mining stock, and I thought if there was anything I could do to take his mind off of it and place it on something else I would be doing a kindness that would be appreciated. I sat on the right of pa, and when he wasn't looking I pulled the table cloth so the saucer of redhot maple syrup dropped off in his lap. Well, you'd a dide to see how quick his thoughts turned from his financial troubles to his physical misfortunes. There was about a pint of hot syrup, and it went all over his lap, and you know how hot melted sugar is, and how it sort of clings to anything. Pa jumped up and grabbed hold of his pants legs to pull them away from hisself, and he danced around and told me to turn the hose on him, and then he took a pitcher of ice-water and poured it down his pants and he said the comdemned old table was getting so rickety that a saucer wouldn't stay on it, and I told pa if he would put some tar on his legs, the same kind that he told me to put on my lip to make my moustache grow, the syrup wouldn't burn so, and then he cuffed me and I think he felt better. It is a great thing to get a man's mind off Useful servants: After the war, says | his troubles, but where a man hasn't |

got any mind, like you, for instance-" At this point the groceryman picked

# A Tickled Hoosier.

An Indiana farmer walked into the house the other day, with a tickled look on his face and his hat on his ear, and In some cases the Greenland women ment pension examiners at Washington

"By gum! Hanner, what do you think ?"

"What's happened now."

"You know that fellow who sold me the churn and had me sign a paper?" "Yes."

"Well that paper was a note for fifty | Ex. dollars." "Noa!"

"True as preaching. And what else do you suppose ?"

"He sold it ?" "Right you are. Went and sold it to year was 7,240,537 for the whole United a bank in Vincennes, and I've got to States. This in money reached the pay it. Think of it, Hanner-my note enormous sum of \$100,352,818.82. Over good 'nuff to be sold to a bank four Lake Washington, Washington Terri- the habit of figting with his sabre; how The Treasury Department decides a hundred millions passed in absolute stories high and with plate glass win-Dr. Britton describes a post-tertiary, that, under the new law, "it is not afety through our hands. The fees paid dows, and they send me just the same Donald McCleary's planing mill, at he had ever fought any other sabre. It pre-glacial deposit, near Bridgeton, N. | necessary to efface the carved figures on | to the Postoffice Department reached | kind of a notice to pay as they would a | Portland, Oregon, burst, blowing out | should be shown by competent testimony J., comsaca enough to furnish a build- a vessel's main beam showing the gross | the aggregate of \$916,422.80. For the rich man. I must let old Sims hear of the mill, and killing the whether the soldier shot the sabre or the ing material, which contains casts of tonnage, but that the amount of the net transaction of all this an immense it in some way. The Sims family look engineer. Two other men were in- sabre shot the soldier. It should also the shells of the hard clam, with silici- tonnage, which shall also be the reg- amount of correspondence is necessary. upon us as scrubs, and here we are jured, --- Mary Ayres, ten years of age, be shown whether they fought for the 'keerige behind four hosses,"

### That Woman Again.

"Good morning."

"Good morning, madam! Take a seat!"

"You don't know me, do you?" "I am under the necessity of saying that I do not, madam !"

"Well, I will tell you who I am. I am Mrs. Churchill, the editress of the Queen Bee, of Denver. Of course you know me now, and of course have heard of the Queen Bee. The boys, they call it the She Bee, but I don't care what they call it, so long as they are good looking and take the paper. It is a saucy paper and some things that makes | cut it off?" the gentlemen blush and reddens their cheeks; but it is a fearless paper, I assure you, and goes for the men right and

"What is the politics of your illustrious journal, my dear madam ?"

"My politics and religion are woman's rights, woman's independence, and woman's privilege to vote. You know or ought to know, that woman rules the world, the court, the grove. She controls 12 to 16 quarts; Kentucky blue grass, 3 | man as the potter controls his clay. She bushels; white clover, 4 to 6 quarts; nurses the baby, spanks the children, red clover 6 to 8 quarts; millet, 1 to 1 rocks the cradle, flirts with the boys, and looks after man, especially the young man, with a growing moustache and a good bank account. We make great sacrifices for man. Perhaps you don't see it this way, but I looked after a man once until I got tired of the vigil and had to employ a wet nurse to continue the business. But I wanted to say to you that I am here among you rustlers to see what I can do for the Queen Bee. I sat up all night in the car, got here this morning and don't like myself, but when I am fixed up good, I am a daisy."

With these brief observations, the young lady who is known as the editress of the Queen Bee, of Denver, of the state of Colorado, departed, leaving us with the impression of a once beautiful woman, femine garrulity, frizzes, gray curls, starch, powder, woman's rights, and an intense hatred of wicked man. She is about 53 years old, so she says, but don't look an inch over eighteen (?) and is as dashing and bewitching as any young woman intent on heart breaking.

We hope the sweet stranger will call again. She expressed us favorably, and as our gray-haired grandmother possesses an interest to us that will never die, we feel a kindly interest in the good woman who revives the touching reminiscences of that early Eperiod .-

# Courtship in Greenland.

There is something exceedingly melan choly in the accounts which are given of the custom of courtship in Greenland. Generally, women enter upon the blessed estate with more willingness and less solicitude than men. The women of Greenland are an exception and if the parents are thus agreed the next preceeding is to appoint two female negotiators whose duty is to broach the subject to the young lady. This is a lady ambassadors do not shock the any sudden or abrupt avowal of the pretending to be affronted even at these remote hints, runs away, tearing the ringlets of hair as she retires, while the ambassadresses, having got the consent of her parents, pursue her, take her by force to the house of her destined husband and there leave her. Compelled to return when compelled to do so by hun-

During a gust at Williamsport, wore drowned, --- Four Swedes were Falls Village, Connecticut.

#### He Wanted a Contrasting Shade.

"How much will I need?" asked a shopping husband of a dry goods clerk. "That will depend upon the number of yards you require," said the clerk, with icy sarcasm.

"Hum! I suppose so. I want enough goods to make a dress for my only wife -I mean for-my wife only," stammered the luckless shopper.

"I think twenty yards would do," answered the clerk, measuring the man before him mentally and wondering if his wife was of the same piece, "shall I

"I-I haven't decided on the color," said the perspiring buyer. "What are the new shades-have you any of them ?"

"We have them all," said the clerk, with emphasis; "our senior partner has just sent us several cases of crushed strawberries, molasses and milk, mashed raspberries, squeezed gooseberries, spotted leopard, mud turtle, bullock's blood, wall lizard-"

"I don't think she would like them," interrupted the shopping husband; "her tastes are very quiet; have you subdued

"That's old," said the clerk; "it's shelved long ago."

"Perhaps you have its antithesis?" "It's what?" asked the clerk, as he reached under the counter for something to protect himself with.

"The contrasting shade - enraged

"Is there such a color ?" inquired the clerk hoarsely.

"It's the very newest-last from Paree'l."

"We haven't got it," moaned the wretched clerk, "and every woman in town will want it;" and he went out and suicided.

### On the Subject of Roads.

The public roads of a district show the spirit and enterprise of the people in the district to a certain extent, and all will admit that good public roads add to the value of the land as much, if not more, than anything of equal cost. A bad road means a small load with great wear and tear to wagon and team, bad roads are the complaint generally. Why? First, they are badly drained and not enough work done on them; second, there is but little thought given to making roads, and the work is often done late in the fall; third, men plow and scrape more than there is any need of, and make a narrow, poor road when they get through. It is cheaper to make a good wide road when the land will permit, than a narrow one, from the fact that in making a wide one you simply bring the dirt from the ditches upon the road bed, which should never be plowed to this rule. A Greenlander, having his up or disturbed. A public road should affections upon some female, acquaints be 35 feet from outside to outside of his parents with the state of his heart. ditches, highest in the center, and curv-They apply to the parents of the girl, ing gradually to the outside of the ditches. The road bed (that is the part between the inside of the ditches) should be 25 feet wide. The ditches should be 5 feet wide and one foot deep matter of great tact and delicacy. The on the outside, and deeper, if necessary, with sufficient grade to draw on the young lady to whom they are sent by water, otherwise there will be a bad, muddy road. Now with such a road the awful subject of their mission. Instead | bed is solid, and the soil scraped on top of doing this they launch out in praises | will soon pack and become hard. There of the gentleman who seeks her hand. is no danger in being tipped over, and They speak of the splendor of his house, travel is not obliged to follow in a single the sumptuousness of his furniture, of rut, as it must in a narrow road. Dry his courage and skill in catching seals, roads mean good ditches. To fill up and other accomplishments. The lady, mud holes without draining is simply putting in more dirt to make more mud.

### Shooting at Long Range. Jacob Fresh applied to the Govern-

ment recently for a pension, alleging remain there, she sits for days with di- that he was engaged in a hand-to-hand shevelled hair, silent and dejected, refus- fight with his sabre for a distance of ing every kind of sustenance, until at five miles, near Huntonville, Va., on last, if kind entreaties do not prevail July 2, 1863, and that while in that fight she is compelled by force, and even by he was cut in the right arm and shot in blows, to submit to the detested union. | the left arm and leg. One of the Governfaint at the proposals of marriage; in wrote in reply: "The claim is inadothers they fly to the mountains and only | missible without further and more definite information. The claimant is ger and cold. If one cuts off her hair | therefore required, with the return of it is a sign that she is determined to re- of this letter, to state, under oath, what sist to death. The Greenland wife is caused him to get into a fight with his the slave of her husband, doomed to a sabre; what kind of a sabre it was he life of toil, drudgery and privation .- | got into a fight with; how he happened to have a hand-to-hand fight with it; whether he had hands; whether there were any witnesses present during the Penna., two boats in which men were | fight; how he managed to get shot while returning from a boom on the river fighting with his sabre; whether it was capsized. Three young men, named a shooting sabre; whether he believes Herman Hartman, Del Rhoads and the sabre shot him; whether it shot any-Grant Moore, and a boy, named Wilts, body else; whether he shot it; how many shots were fired: who fired the drowned by the upsetting of a boat on first shot; whether the soldier was in ritory .--- A "scale-eaten" boiler in long a time he fought it, and whether was five miles long.