IN EMBRYO

The egg in the shallow brown nest-How lifeless, how pale to the eyel How long it is pressed to the mother's warm

breast. And kept from the shafts of the sky! Yet listen, my sweet, O listen, my sweet, And think on the changes that fall, For a heart is beginning to tremble and beat

Close under the delicate wall! A bird is astir in the nest-The creature of sunshine and day; How little and weak, with its wide yellow

beak,

Its body all naked and gray! Yet listen, my dear, Oh listen, my dear, And think on the chances that fall, For the carols of summer are joyful to hear, And Hope is the ruler of all!

As magic is wrought in the nest, The night is pursued by the morn, And surely at last from the walls of the past The life of the future is born. Then listen, my sweet, Oh listen, my sweet,

And think on the changes that fall, For the heart of the morrow will quicken and

And burst into being for all! -Dora Read Goodale, in Young People.

## LAUNCE.

The last ray from the setting sun fell on a broken shaft across lake Lucerne, touching with a rich hue the handsome face of Launce, the boat-house keeper. as he sat on the edge of the long platform, with his fishing-line dropped in the

The sad look in his smouldering dark res did not bespeak much enjoyment of cocupation. As he jerked his line from the water, landing a shining beauty beside him, a shadow fell along the platform, and a girl's light step came after

"What success, Launce? Have you enough yet? You must bring them at once, for the supper must not be delayed," said a sweet but imperative

"Would the consequence be so terrible if the Count Von Bruner should not get his supper as soon as he should want it?" asked the dark-faced Launce, with smiling sarcasm, as he arose and took up the basket of fish.

"I cannot say: only Aunt Wilmine is enxious that everything should be ready when the carriage arrives." she replied impatiently. "Give me the basket; I will take them myself."

"Well, here they are, my lady; and the is hopeful I am that the Count will not get a fishbone in his throat," said Launce. with a half cynical laugh, as he held the basket toward her. When she reached to take it he caught her small hand in his, and pressed a kiss upon it.

The girl's face grew crimson with she snatched her hand away, uttering with vehemence:

"How dare you, presumptuous fellow?"

"Vour words are true, Gretchen. is presemptuous for me to love you; yet I cannot help doing so. I will not again , at her feet and looked regretfully at the beautiful face, transformed with anger and wounded pride.

"If I tell Aunt Wilmine of this she will send you away immediately. She is calling me now, and has no doubt witnessed your bold a.t. How can I give a concert at that place. ever forgive you?" she said with increasing anger.

will forgive me sometime, can fill it better than I."

He watched her with his dark sad ceased relative. less light than when she had come a moand prepared his simple meal, as was his custom.

An hour later, scated at his small winfeeling akin to jealousy, he saw the Count pluck the rarest rose to place in her golden hair, as if he were already master of "land and lady," which he fondly hoped to be, if the fair lady would accept the suit he came to plead with her ambitious aunt.

Launce sat looking at the great mansion long after Gretchen and the Count had gone in. The lights from the arched windows shone through the lace curtains, and Gretchen's pure, rich voice floated across the distance in that, passionate cong: "Thou art so near and Tet so far.

Gretchen's song ceased. Suddenly, s small inner-room, and took from a peg on the wall an old leathern bag, thenhaving lighted a candle-sat down to examine its contents. There was but little to look at: an old, worn violin, that filled with old letters written in Italian.

Launce looked eagerly among them until he came to one not quite so yellow as the others. Five years had passed year by year, until it seemed like a vague

Something within his heart to-night had recalled more vividly the memory of the time when his father lay dying, and had given him this letter, telling him when he should be all alone in the world to do as the letter directed him.

Launce was too young at that time to do more than earn a scant livelihood; but he was now seventeen, and he reproached himself that the command of his dying father that might be the means of restoring him to family and title, which his father had lost through garded.

He studied the letter closely for a long time; then he replaced the papers and put his few articles of apparel and what money he had into the old bag. Having extinguished the light, he took the violin and sat down once more at the little window.

Months had elapsed since its strings had responded to the touch of his fingers. With the quickness of an expert be taned the chords to harmony, then lost himself in a sad, weird improvisation, as he had often hear i his father do in his sad hours

when they were together. The lights were out in the drawinggibbous moon hung high above the mountain top, and shone like quivering secured her prize.

As she turned to go back a portion all er on the lake. Wild, sweet zephyrs, that seemed to come from some strange sphere, swept through the vines that

hung at her window. And now, while she stands there. what sound is that, swelling and dying on the night wind-? Ah, those trains! Now filled with love, again with passionate despair, they float and quiver in the mounlight, then, wafted through the easement, cavelop Gretchen in a sublime

where a teardrop rests. She knew not

whence it came, nor why. She kept thinking of Launce, who had dared to say he loved her-who had dared to kiss her hand, and say she would some day forgive him. Could she ever do so? Poor, lonely Launce; with no friends, no companionship. Ah!--

was he not already forgiven? The strains had died away, and Gretchen was losing herself in a wild, improbable fancy, in which she was wooed by one whom she loved, who was noble and high-born, but who had eyes like Launce's, in whose passionase depths was reflected her own soul.

She was aroused from this wakingdream by seeing the figure of a man caution-ly approaching from the direction of the boat-house. Could it te Launce? and what could he want at this hour? She forgot all her sympathy for him, and, her old pride returning, she felt-angry as she realized that he was coming directly under her window. She feared to ask why he was there lest somebody should hear her. She drew back in the shadow of the room.

"Farowell, Carissima, until we meet again!" came in low, sad tones to her

ear. "Launce! Launce!" her heart cried, but her lips made no sound. When she looked again she saw only a dark object moving along the white road; then it faded out in the weird moonlight.

Aunt Wilmine was very angry the next morning at Launce's failure to bring the usual basket of fish for breakfast, and forthwith installed Dutch Jaus in his place; but she was more angry at Greichen's refusal that day of the Count's offer of marriage.

She had cherished the fond hope of seeing her niece a countess. Her grand scheme had been successful; the prize was within her grasp. Thus rudely to have the enchanting dream dispelled was more than her ambitious heart could bear with fortitude. She stormed and threatened, to no purpose. Gretchen

was firm in her decision.
"Marry the Count yourself, Aunt Wilmine," she said. "I am sure you are says, the mean height of the globe was quite young enough for him. As for 2,230 feet above the sea level, and the myself, I do not wish to be married." "I shall send you back to the convent,

Gretchen, until you can act with reason and give a favorable answer to the " declared her irate aunt, with Count, tears of vexation filling her eyes.

This decision of Aunt Wilmine's

seemed to allay the anger and mortificathe same depth beneath the sea as the tion of the Count, who went away with the understanding that he should be other hand, the mean depth of the area not fied of any change in Gretchen's beyond the 1.000 fathoms is 14,640 feet, sentiments towards him.

The prospect of returning to the convent which had been a sweet, peaceful area"—occupies 24,000,000 square miles; home to Grechten for so many years, was not very appalling as a punishment. She area, and is situated fully three miles belooked forward to the event with much low the average heights of the continents, greater calmness than to the thought occupies 113,000,000 square miles, or of becoming the bride of Count Von Bruner.

The decree of banishment being unalterable, Gretchen went back to St. Ursula's, there to remain a prisoner until her acquiesence in her aunt's plans should set her free.

When, a week later, she wrote that she had entered on a course of music that would require five years to comoffend you." He put the basket down plete, Aunt Wilmine acknowledged herself checkmated.

> The summer guests at Wiesbaden over the announcement that the wonder-

There had been a number of new arrivals at the spacious Hotel de l'Europe, Gretchen. Tell your aunt I am going vive to discover which was the famous late slowly, are unlike any of the sediaway to save her the trouble of sending musician who, rumor said, belonged to mentary deposits of the dry land. From me. Dutch Jans can take my place. He one of the first families of Italy, and had Dr. Murray's investigations, it also ap-

ment before; then he went into his little matron at the farther end is no less a would be about 80,000,000 square miles, room, which was a part of the boathouse, personage than Aunt Wilmine, and bedow, he watched Gretchen and the ceeds her girish beauty. They have duced to one level under the ocean, then wealthy Count Yon Bruner strolling spent a year in travel since Gretchen was the surface of the earth would be covered through parterres of flowers. With a released from the convent. Count Von by an ocean with a uniform depth of Bruner, seated on Aunt Wilmine's right, with a surviving hope still in his heart, has joined them at Weisbaden.

> A young man seated almost opposite to Gretchen, and who was unmistakably Italian, was the target for many bright and furtive glances. His gaze was repeatedly fixed upon Gretchen, who seemed entirely oblivious of his presence. As he rose to leave the table their eyes

At the concert that night their eves met again; for he was in reality the great violinist. When he played the music seemed to recall those sad strains she had heard the night Launce went Launce aroused himself. He went into away. Before her mental vision arose the moonlit road, and on it one lone form that faded like a phantom.

The next day Gretchen and Aunt Wilmine returned to their suburban home, from which they had been absent bad been his father's, and a large wallet so long. Count Von Bruner accompanied them to again urge his suit.

"Gretchen has no lovers, and cares for no one else," Aunt Wilmine argued with herself, "and, now that she is older and since he placed this letter in the old wal-lot. The remembrance of it had faded a husband. Where should she find one save in the Count, who has been so faithful and long waiting?"

They arri ed at home in the afternoon. Being fatigued, Gretchen kept her room until the next day. Then, eager for a sight of her old haunts and a clamber up the mountain side, she left the house unknown to her auat.

The Count, growing impatient at her non-appearance, sent to request an inter-view. Not finding her in her room, view. Aunt Wilmine learned from the servants that she had gone for a walk. Thinking it a propitious time to follow

her to some romantic spot and urge her wilfulness-had so long been disre acceptance of his love, the Count took his hat and hastened to find her. Down by the old boat-house Gretchen had gone, where she lingered a while, thinking of Launce and his last low words,

spoken under her windows: "Farewell, Carissima, until we meet again." Ah! that would never be! he gave a faint sigh as she left the mountain in search of her favorite wild

flower-the mountain pink. Presently she espied a bunch, but unfortunately they were in a spot amost inaccessible-on a steep slope directly over the lake, where a false step would precipitate her into its deep waters. room of the great house, and Gretchen desire to have them overcame her fears had gone to her own apartments. The at last, and creeping cautiously along, holding by strong vines and bushes, she

> of the projection that had served as a is twenty-eight years old, perfectly illitfoothold, broke loose and fell into the erate and a mathematical prodigy. Since lake, leaving her no hope of regaining

her safety.
Just at that moment she saw 'ount, who was seeking her to lay his love and a title at her feet. Calling loudly to him to save her, she clung to her frail support with reviving hope.

The Count, who seemed born for lovema ing instead of heroic decds, ran to night. - Inderendent.

The swaying vines touch her soft cheek | the house for assistance, leaving Gretchen, with fast falling strength, hanging in

> extreme peril "Courage! brave girl; I will save you. Hold firmly to the bushes, and do not look down," said a clear, rich voice, with Italian accent.

In a moment the owner of the voice had the boat from the boat house, and with swift strokes was soon near the spot where Gretchen hung.
"Now jump into the lake; do not

fear. It is your only way of escape."
Gretchen obeyed the voice that commanded her, and sank into the dark water. The next moment she came to the surface, and was lifted into the boat by her brave rescuer. She was unconscious, and Launce was excusable if he

kissed the face of the woman he loved. The Count, having by this time re-turned with Dutch Jans, took in the situation at once, and, feeling that he would be out of place in the presence of the man who had saved Gretchen from a death to which his cowardice had left her, he hastened to the house, took his portmanteau, and, without a word to envone. left the place.

When Gretchen recovered consciousness and looked upon her preserver, she

"You are Count Cellini, the great musician whom I met at Weisbaden? "lam," he replied, "but I have another title by which you may better remember me; Launce! and I have come back for your forgiveness for the offence I gave you six years ago.'

"Oh, Launce! you had my forgiveness the night you went away. "Now I want something more, Gretchen-I want your love." "I think I gave you that with the for-giveness, Launce."—New York Ctipper.

Interesting Facts About the Ocean.

At the last meeting of the Royal Society of Edinburgh, Dr. John Murray of the Challenger Expedition made a communication on "The Height and Volume of the Dry Land and the Depth and Volume of the Ocean." According to his own investigations, Engineering mean depth of the ocean was 12,480 feet, or 2,080 fathoms. If the ocean were regarded as being divided into two parts by the 1,000-fathom line, it would be found that the mean depth of the area having less depths than 1,000 fathoms was 2,028 feet, or 338 fathoms, or nearly height of the dry land above it. On the or 2,440 fathoms. The former areacalled by Dr. Marray the "transtional more than half of the surfa e of the

earth. In the transitional area of the

ocean there are many and varied condi-

tions in respect to light, heat, currents.

changes of level, the character and

variety of the deposits, and in the animals and plants which inhabit the various parts of the region. The deposits are in most respects similar to those which make up a very large part of the sedimentary formation of the dry land. In the abysmal area there is a uniform set of conditions, the temperature being near the freezing were in a state of delightful expectation | point, with an annual range not exceding 7 degrees Fahr., and there being no ful young violinist, Count Cellini, would sunlight or plant life. There is a great sive a concert at that place. from various parts of the area are very similar, and unlike those of shallower On Friday last the little brunette was waters; and the denosits whi inherited immense wealth from a de pears that if the dry land of the globe were reduced to the sea level by being eyes, as she went silently away, her step | The guests were assembled for supper removed to and piled up in the shallower at the grand table d'hote. A portly waters of the ocean, then its extent and the rest of the surface of the earth side her the fair Gretchen, somewhat would be covered by an ocean extending older than when last we saw her, but to 113,000,000 square miles. Again, with a matured leveliness that far ex-

about two miles. -St. James's Gazette.

A Gigantic Turnip. From time to time the most wonderful plants known on the earth are shoved aside by wonders still more wonderful. It is not so very long ago since thousands flocked to see the great Queen of the Amazon, the Victoria water lily. Many a greater vegetable marvel has appeared since then-now it is a grant aroid, which those interested in these vegetable curios are waiting and watching for in the Royal Kew collection. It is not far removed botanically from our common Indian turnip, and when its flowers expand, as hoped for this year, the odor of the skunk cabbage is expected to be increased a hundred fold. While our Arum or Indian turnip has a tuber of about six inches in circumference, this will reach five feet. The leaf-stalk of ours is from twelve to eighteen inches—this is about ten feet, and the stalk itself is three feet round, as against three inches in ours. The circumference of the leaf-blade is forty-five feet. Only think of a leaf-blade to a plant that dies to the ground every year, extending fif-teen feet across! The Victoria lily leaf, six or eight feet across, was deemed something prodigious. The flower will be somewhat like our well-known calla lily, but with a long and curiously twisted spadix, from whence it receives its generic name. - Independent.

The Rise of the Tomato. The tomato, sixty years since, was called "The Love Apple," raised mainly in pots as a curiosity, and generally considered uneatable. The fruit was of the shape and size of the cherry variety of to-day, and care was taken to prevent children from devouring anything so poisonous. When adventurous Indians proposed its use as a vegetable, they were classed among those semi-barb rians, who eat frog's legs and similar abominations. Now, like the oyster. they are eaten "fried, stewed or in the shell." They enter into soups and place, and was soon climbing up the sauces, and appear upon the table in a number of combinations. Enthusiastic cultivators continually produce new varieties, and the old, wrinkled, imperfeetly ripe and watery kinds have been replaced by round, smooth and solid successors. It is a matter of carnest effort to raise tomatoes early, keep them bearing as long as possible, and to fruit them well. - Independent.

A Mathematical Prodigy.

Reuben Fields, of Owingsville, Ky., is twenty-eight years old, perfectly illiteight years of age he has been able to solve in a flash such problems as: The moon is a certain number of miles from the earth; a grain of corn is so long, how many grains will it take to connect the points. He can also instantly, and without consulting a time-piece, tell to a fraction of a second the time of day or

## WOMAN'S WORLD.

PLEASANT LITERATURE FOR FEMININE READERS.

For Bridesmaids to Carry. A shoe filled with flowers is the very newest thing for bridesmaids to carry, and charmingly pretty it is. The first wedding at which this idea was carried out was that of Miss Stewart and Mr. Carberry Rice Vaughau-Pryse, which took place about a month ago. The next wedding at which the bridesmaids carried shoes was that of Sir Robert and Lady Emily Peel's elde t daughter and Mr. Barton. The shoes in the case were of pink satin filled with a mixture of pink and of maize colored roses, and hung from the arm by pink ribbons. Shoes were carried by the youthful members of the bevy of bridesmaids of Miss Whittaker's wedd ng. The shoes were of pink satin filled with flowers of hues to match that color. - London Court Journal.

When Hoops Were Fashionable. Robert Chambers shows how Edinburgh society suffered, within his memory, under the tyranny of hoops. In the morning a lady put on a pocket hoop, resembling a small pair of panniers. For occasions, not quite full dress, there was to be worn a bell hoop—a petticoat frame in shape like a bell—made of cane or rope. For full state there was provided a hoop so monstrous that "peopic saw half of it enter the room before the wearer." This, the matter of fact chronicler goes on to say, was found "inconvenient." So inconvenient was it that in the narrow passages and entries of Edinburgh Old Town "adies tilted them up and carried them under their arms; in case of this happening, there was a show of petticoat below." So long as So long as these facts remain, or John Leech's drawings are remembered, surely the shapeless horrors of crinoline should be im-

possible of renewal .- Woman's World. Tailor-Made Dresses. Cloth tailor-made dresses have reached a point of perfection this season they never attained before. For some time past it has been a constant effort to combine warmth and grace with lightness and that perfection of fit which is the crowning feature of a fine tailor-made dress. This object has been attained in recent costumes, and it must be a joy to wear them. The dress is made upon twilled silk, the drapery raised here and there but not bunched, the edge finished with many rows of embroidery stitching, narrow braid, a braided pattern or a broad band of feather fur. The line of trimming, often diagonal, comes to a point at the waist and outlines a point of velvet or braided vest, and also of color at the throat. The small "habit" cut is maintained at the back, only instead of perfectly plain lapels, as in the habit, a little fullness is often introduced. The interior finish of gold, hair striped silk or satin lining adds much to the effect of the exquisite workmanship. -Jen-

nie Juna.

Silver-Lined Potatoes. Miss Clara Jacobs, a vivacious and pretty brunette, lives with her parents in a brown stone front house in East Fortysixth street. The young lady, whose father is a stationer, is well educated, having studied in Europe and in this

Despite her accomplishments Miss cloth. Jacobs is not averse to performing culinary work at times, and she frequently assists the servants in her father's house. engaged in the prosaic domestic task of boiling some potatoes which still wore their ulsters. She tested nearly all of the Irish apples and found that they had been cooked to the proper consistency save one. This particular "spud" re mained as hard as adamant, and although she allowed it to boil for fifteen minutes longer than the others it showed no

signs of yielding. Then Miss Jacobs resurrected that girls. shameless potato from the pot and began to operate upon it with a knife. At last she succeeded in splitting the vegetable open and in the centre she found a silver dollar with the date of 1886. The heart of the "spud" was colored a blackish brown, but the outside presented a normal appearance. The silver dollar

was black as ink. It is thought that some good farmer in Long Island or New Jersey while sowing or plowing his potato field dropped the coin in a furrow. It fell in close proximity to a "seed" or "eye," and the new plant enfolded the dollar as effectually as the connected apple tree connect, are pretty pendants for the operated on Roger Williams.

Miss Jacobs is gratified at her quaint 'find," and she says it should be a moral to other young ladies to pay more attention to domestic duties. New York Herpicturesque.

A Greek Wedding and Christening. A Greek wedding, says Olive Harper, in the Inter-Ocean, is a most tedious affair, lasting a whole day, though the religious services last but an hour, and usually takes place at the bride's house. According to the wealth of the family, the service and number of priests is im posing and the most peculiar in the far interior. The young bride has her eyes sealed and is led in by her maids of honor and she takes the bridegroom's hand and they kneel upon a cushion in front of the priest. There are two wreaths provided of tawdry artificial flowers tied by long ribbons. These are placed upon the two bowed heads and made decorative with silk and tinsel changed back and forth three times. A long service is read, incense burned, and a service chanted and rings exchanged and blessed, and finally they are pronounced married, and the priest takes a glass of wine and a piece of cake and his pay and goes his way. The guests then feast and dance all day, and the poor bride, still blinded, is scated astride half barrel of light wine and there she must sit all day long, until it is all drank, without eating or drinking. When the wine is all gone the bridemaids take her down and unseal her eyes, give her food and undress her. Sometimes she faints from exhaustion. This same ceremony A christening is not so long, but is very

is in vogue among the Bulgarians also. hard on the baby. The priests bring the font with them to the house, and fill it with cold water. They undress the baby and anoint it with oil, and bless it from head to foot in spots, and then propriate to: short women inclined to cut off some of its hair in the form of a southese. cross, and after that immer-e it three times in icy water, covering it all over.
They march three times around the font, and sing a chant that is soul-torturing ferred by some girls for their tuile as to sound. All the guests hold lighted candles during the ceremony and after it is over they receive a small silver coin other flowers in colors that match the as souvenir of the occasion. The priests dress are used for trimmings. only stay long enough to get their

money. Marriages in Italy. "Marriages in Italy," said a traveler who had just returned from a tour up the

Me literraneau, to a reporter for the New

two lovers have become engaged, the parents of the bride repair to the dignitary who corresponds to the Mayor in this

country. The bride and bridegroom here, writing and in the presence of at least half a dozen witnesses, signify their in-tention of marrying. The date of the wedding is then designated, but the event is not allowed to take place within three months. Immediately after departing from the Mayor's office, the riends of the contracting parties are notified in person of the proposed nuptials' and in some instances not only is it advertised in the newspapers, but written notices are posted on every second post

of the town.

is performed only in the church. After

his clerks to send a notification of the intention to all the churches in the city and vicinity. This done the names and ages of the couple are entered in a big book which the prest keeps for that purpose. No one is married by the clergyman who has not signified his or her intention three months before. As soon as a couple enters the church the reverend gentleman in charge examines the book in person. If he fails to discover a register of the intention he refuses to join the anxious pair. Every woman who marries is entitled to a dower. Her parents must confer this upon her. For the most part the bridegroom expects this dower, and my attention was called to several who had refused to take the bride without it. The value of the dower depends entirely upon the financial status of the girl's parents. The p orer ones generally furnish in a complete manner the dwelling in which the couple intends to live. The father of the girl some few weeks prior to the wedling prepares in writing the dower list. It is a most ludicrous document sometimes, but more particularly when it minutely describes the number of forks. knives, spoons, dishes, chairs and other household paraphernalia which the br.degroom's father-in-law is willing to bestow upon the smitten pair. Of course there are instances when the bride's father, owing to extreme poverty, has been unable to give a dowry, but these

are real love affairs." "Cannot the bridegroom present the

trousseau?" "Yes, he can; but as far as I could ascertain there were certain restrictions. The newly-married couple never go on a honeymoon, the uni ersal custom being to allow them to remain at home for eight days. At the expiration of that time the cards are sent out. Then there is merry-making. There are few cases of

elopement." Does not this compulsory dower

prevent many marriages?"
"Yes, it does. Still there are pure love affairs even in Italy, and a man doesn't expect a dower from the relatives of a poor orphan whom he loves. In this country but few Italians regard their country's custom. Some believe in the wisdom of receiving the Mayor's and tirely disregarded."

Fashion Notes. Braiding on tailor suits will be more frequent and more elaborate next sea-

The arrangement of the tulle draperies on ball corsages is very varied and eccentric.

Very pretty new jackets are made up of the new imitation braided dolman The skirts of dresses for the spring are

scarcely draped at all-only a ripple here and there. Dolman cloth is the newest fabric for wraps: it is covered

relief that simulates braid. Visites are still popular, and by the fresh materials and various pretty details

used are made almost to appear as novel-The indoor dress of black lace is correct wear for young matrons and elderly

women, but is too sombre for young Laces and passementeries are used to trim costumes of plain velvet, and some-

times striped velvets are used in combination. Metallic threads, braids and tinsel spangles are worn on all sorts of indoor

dresses, ball gowns and dressy visiting toilets. Green cashmere frocks are in favor for girls of twelve to fifteen, and these are frequently piped and trimmed with pale

chatelaine.

blue silk.

Toboggan suits are made in one piece. or two pieces, but the one-piece suit is picturesque.

Demi-trained dresses of the new China silks are being made up for afternoon tea and indoor dresses where an elaborate toilet is not demanded.

Lucifer red plush bands and accessories make a gown of opaline gray silk very dressy and becoming, and, if brightened with tinsel, it becomes brilliantly effective.

English brides have discarded satin for their wedding gowns, using failte, peau de soie, and gros grain instead. What will the satin weavers of Como do about it? The reticule or small hand bag is com-

ing in vogue. It is made of scraps of embroidery. Pretty arrangements of black lace over some bright color, with two bows on one

lower down, are worn to brighten sombrecolored dresses for evening wear. gowns are made full above the elbow nd tight below. Others are made in

full Bishop form, with a tight, slashed cap covering the upper part of the arm. Mandolin and zither music, in the next oom or the hall, is part of the entertainment at fashionable New York dinners, high teas, and the little suppers where there are only a few chosen

guesis. lengthwise and tapering narrowly at the waist. This trimming is particularly ap-Suede brown, Nile and absinthe green,

gowns, and quaint flowers, orchids, mignonette, hops, chrysanthemums, and This, says the New York Sun, may be

called a pink winter in fashionable parlance, all rosy tinted fabrics, ribbons. flowers, menu cards, dancing cards, bisque and porcelain figures, fancy glass objects, and even the ices and cakes at luncheous, dinners and suppers partaking York Mail and E press, "are unlike ours of the conleur de rose in one or another in every particular. The ceremony there shade of Aurora's sun-dyed mantle.

PARADOXES.

SOME ODD AND ENTERTAINING CATCH QUESTIONS.

The Moving Coach Wheel - Zeno's Paradox - Achilles and the Tortoise-Paying a Shilling -Passing Trains, Etc.

There exist, floating about the world great number of catch questions and odd propositions. Here is one of them: Which, at any given moment, is moving forward faster, the top of a coachwheel or the bottom? To this apparent-"The Mayor, on the other hand directs ly very simple question nine person out of ten, asked at random, will give an incorrect reply, for at first sight it appears evident that both the top and bottom of the wheel must of necessity be moving forward at the same rate, namely, the speed at which the carriage is traveling. A little thought will show that this is far from being the case. A point on the bottom of the wheel 1s, in fact, by the direction of its motion round the axis, moving backwards, in an opposite direcprogressing, and is consequently stationary in space; while a point on the top of the wheel is moving forwards, with the double velocity of its own motion round the axis and the speed at which the car-

riage moves. The foregoing mystery of motion brings to mind the famous paradox of Zeno, by which he sought to prove that all motion was impossible. Either a body must move in the place where it is or in the place where it is not. Now a body in the place where it is is stationary and cannot be in motion, nor, obviously, can it be in motion in the place where it is not. Therefore it can- have required work, and Ignacio never not move at all. It was of this paradox suspected that Providence put him here it was said: Solvitur Ambulando-"It is solved by walking." A more practical solution could hardly be required.

Well known also is the Greek paradox of Achilles and the tortoise. Achilles (the swift-footed) allows the tortoise a hundred yards start, and runs ten yards while the tortoise runs one. Now when Achilles has run a hundred yards the tortoise has run ten yards, and is therefore still that distance ahead. When Achilles has run these ten yards, the tortoise has run one yard. When Achilles | he described it in his report as a "milhas run the one yard, the tortoise has run the one-tenth of a yard. And when Achilles has run the one-tenth of a yard. the tortoise has run one-hundredth. It ning from a certain tree to a point on a is only necessary to continue the same process of reasoning to prove that Achilles can never overtake the tortoise.

You will find people in real life try-ing to solve the following: "A man, who owes a shilling, proceeds to pay it at the rate of six-pence the first day, threepence the next day, three half-pence the next, three farthings the next and so on holders of land under Mevican grants, —paying each day half of the amount and a commission was appointed to exhe paid the day before. Supposing him amine and pass upon all claims preto be furnished with counters of smallvalue, so as to be able readily to pay fractions of a penny, how long would it-take him to pay the shilling?" The an-

Excellent as are the preceding, the following is even a better paradox: "A train starts daily from San Francisco to New York and one daily from New York | was not appreciated, and Ignacio Inez's to San Francisco, the journey lasting milpitas of two or three acres grew to seven days. How many trains will a the Rancho Milpitas of 48,000 acres, traveler meet in journeying from San and was so patented under the laws of Francisco to New York?" It appears the United States, the heirs of Ignacion obvious at the first glance, that the traveler must meet seven trains, and this is the answer which will be given by nine people out of ten to whom the question is new. The important fact is overlooked that every day during the journey a fresh train is starting from the other end, while there are seven on the way to begin with. The traveler will, therefore, meet not seven trains, but four-

The following proposition is both curious in itself and admits of some interesting variations in the application of the principle on which it depends. there are more people in the world than any person has hairs upon his head, then there must exist at least two persons who possess identically the same number of hairs, to a hair."

teen.

Readers who fail to perceive at first Clusters of six heavily crusted gold the necessity of this conclusion, should balls, set with turquoises where the balls consider, as a simpler case, instead of the hairs on a man's head, the number of teeth in his jaw. Let him suppose thirtyseven persons to be assembled in one room; then, the full number of teeth in a man's jaw being thirty-two, it is easily seen that—even supposing one member of the party to be so unfortunate as to have no teeth at all—there must be at least two persons present possessed of dentically the same number of teeth. The application of this example to the proposition in question is quite evident. t is, in fact, merely a matter of larger numbers. - Philadelphia Times.

Russian Bankers Count Chinese Way. I have been in four or five of the largest banks in Russia and many of the most extensive commercial and railroad houses, and nowhere where I seen figuring done by pen or pencil like they do in America and England. The Chinese counting machine, seen occasionally in the hands of John a d Jap in the United States, is everywhere. If you buy a pair of socks for fifty kopecks and a handkerchief for seventy-five kopecks the shopkeeper, even the brightest and oldest and shoulder, one on the other, and another most experienced, has to go to his machine to learn the result - one rouble twenty-five kopecks. I venture that there Some sleeves of house dresses and tea are not a do: en bankers in Russia who would attempt to discount any draft, or issue a letter of credit, or charge a ten rouble note into kopecks, w.thout pushing backward and forward for some time the strings of colored buttons in his machine, indicating numeral. But it is wonderful how adept some of them are in the use of the counting machine. You may buy a bill of goods ever so large. The salesman keeps the machine beside him, pushing out the numerals as the tensively used on bodices, being arranged | purchases are made, and the instant you The Russians were taught most of their business knowledge by the Chinese and Turks, and these counting machines are yet indispensable in all Oriental places of business .- Kansus City Journal.

Chicago's "Diamond Joes."

Chicago, one of whom gets his name from his habit of carrying diamonds around in his pockets as a boy would marbles.

The other is Joe Reynolds, who owns nearly all the steamboats on the Upper Mississippi. All of his boats, wharves, warehouses and stationery are marked with a red diamond containing the word "Jo" in black. He is very wealthy and very charitable, though he has the repuration of being remarkably shrewd at driving a bargain.

WORDS OF WISDOM.

Every trial adds to our strength. The greatest fool of all is he who fools

Drop your bad habits and they cannot ower you.

Gratitude preserves old friendship and

procures new. Those who go for berries should not etreat from briars.

One ungrateful man does an injury to ill who stand in need of aid. Genius beckons a man up, and if he

ttempts to climb will help him. Prosperity is no just scale; adversity is he only balance to weigh friends.

The world is a comedy to those who hink; a tragedy to those who feel. No man is fit to have power unless he vishes to wield it for the good of all.

The sooner you cut loose from one who leceives you the better off you will be. Hearts are flowers; they remain open the softly-falling dew, but shut up in

he violent downpour of rain. Do not fret. It only adds to your burien. To work hard is very well; but to tion to that in which the carriage is work hard and worry, too, is more than

numan nature can bear. Nothing good bursts forth all at once The lightning may dart out of a black sloud; but the day sends his bright

ieralds before him to prepare the world or his coming.

## A California Potato Patch.

Fifty years ago Ignacio Inez lived in little cabin on the bank of a creek in Santa Clara County, Cal. Ignacio kept pig and raised just enough potatoes to support life. There was land enough lying around loose out of doors to raise ship loads of potatoes, but that would to work. So he rolled cigaritas and watched his few plants grow. Potato patches like Ignacio's were called 'milpas" in the Greaser dialect, and the Spanish law permitted the Governor to issue grants to the holders of milpas in order to protect them from the cattle barons, who were in the habit of driving their herds across country and devastating any little tarms that might be in the way. So Ignacio asked for a grant. The Alcalde looked at his milpa, and found it so small that, in derision, pitas," or little potato patch. In a facetious spirit he called the ditches "creeks," and described the lines as runcreek, from one creek to another, etc. Governor Michel Toreno approved and issued to Ignacio Inez a grant for the Rancho Milpitas, and Ignacio was pro-tected from the raids of arrogant vaqueros and their bellowing nerds.

Under the treaty of Guadalupe Hidalgo, the United States covenanted to respect and protect the rights of all sented. Among the grants approved was that of Rancho Milpitas to Ignacio-Inez. The cession of California to the United States greatly enhanced the farthing in four days. But the remaining three farthings he can never pay.

The description of the Rancho Milpitas was examined.

There were genuine construction of the Rancho Milpitas was examined. ning the lines the little ditches were ignored. The grant said "from creek to creek." The facetiousness of the Alcalde the cigarita-rolling Greaser, became wealthy hidalgos, and their daughters were sought in marriage by Geringo adventurers of enterprising spirit .-- New

York Sun.

Rat and Monse Traps. "The increased sale of poisons has caused manufacturers of rat and mouse traps to wake up," said a sale man recently to a reporter for the New York Mail and Express. "Those patent foods are so much easier to handle than the old traps that housekeepers prefer to use them. The old-fashioned mouse traps made of wire and wood, with a piece of cheese hung on a hook inside, have gone entirely out of date. The trouble with these traps is that the rats and mice soon get to know them and will keep away from them. A new trap for mice has been made and is very successful. It is built in the shape of a small house with doors and windows. These doors and windows all open when pushed against, but spring shut again at once and cannot be opened from the inside. As a bait a little grain is distributed about the inside of the house. The mice soon find this out and several can be caught in one night in this trap. For rats something stronger is required, and rats are very cunning, too. A very popular trap is made of two rows of steel teeth. When the trap is set these teeth are opened and hidden from view. A piece of meat is placed on a spring in the centre of the trap, and when touched releases the teeth, which spring shut and kill the rat at once. All rat traps are on the spring system. One trap has a piece of steel wire that falls and holds the rat a prisoner. Rats scream very much when caught and some have been known to eat

off their own legs to release themselves." A Smuggler's Den.

The revenue officers have discovered

another ingeniously concealed smugglers' bothy " in Strathcarron, Ross-shire, Scotland. In their search the officers followed the gorge of a stream which flows in a series of cascades through a rocky chasm of great depth. Here, twenty feet from the bottom of the rocks, they found one of the most artfully constructed bothies ever seen. At first it appeared to be a cave, but on entering it was seen that it had been scooped out of the rock and roofed with strong planks, over which boulders and had been t rown in a haphazard way, as if the whole were a mass of debris from the rocks overhead. The waterchannel to and from the bothy was also covered with boulders-in fact, there was nothing to indicate that such a place existed except that the rocks above were blackened with smoke. In the bothy were found a mash tub of 250 gallons capacity, a receiver of twenty gallons capacity, a thermometer, several minor utensils, and most important of all, the poit-dubh (or black pot), as the natives call the still. How the smugglers managed to There are two "Diamond Joes" in get their goods in or out of such a daugerous place was a puzzle to the officers which a rope-ladder was suspended from a tree at the top. Others of the officers had in the meantime discovered another bothy, near which was concealed a mash tun of 850 gallons capacity. All these utensils were destroyed on the spot, except the still, which was borne away as a trophy.