FOREST FIRE

amer heard a hidden locust whirring; Stooped she to the flowers with a sigh. Darlings, come," she said; "we must be

Hear the herald! Autumn draweth nigh! So, her lifted skirt with flowers heaping, Passed she through the fields and woodland ways.

Tiny creatures, 'tween the bushes peeping, Saw her go, with sorrow in their gaze. Langhing, turned she, ere she went, uphold-

O'er the land her sun-glass high in air; Boon was seen a thin smoke veil enfolding Distant hills and valleys everywhere.

Then she slipped away with silent laughter, Bre the spark had quickened into flame. Ruddy Autumn swiftly follows after," Whispered she, 'and he shall bear the blame."

Soon a stealthy yellow flame was creeping Here and there along a maple bough. Swift from tree to tree the fire went leaping. Lo! how all the woods are blazing now!" -Charles P. Sherman in Harper's Weekly.

A BRIDE FROM THE SEA.

BY FRANCIS M. LIVINGSTON. L'emetrius Green was a traveling salesman. He had the reputation of being the best-informed man and of selling more goods in his line of business than any man in New York. The causes for this were few, but amply sufficient. The first of these was natural ability; he had a keen eye to business, and when he had anything to do he permitted nothing to interfere with it until his end was accomplished. He was a man of good appearance and address; and, lastly, was a man of good habits. He was in no sense aladies' man, for he had never cultivated the society of the gentler sex, perhaps from lack of time, perhaps from want of inclination.

He had been with his house four years when he took his first vacation. He had never asked for one, and he did not ask for this one. His employers freely offered it to him and insisted on his taking three weeks. So, in the month of July he ran down to Patchogue, Long Island, intending to pass a part of his vacation with a married sister who was spending the summer there. His sister was an attractive young woman, fond of society. She introduced him to several nice girls and what with boating, bathing and strolling on the beach. Demetrius found that there were other things in life which he enjoyed as much as selling canned goods.

By far the most attractive gi l among his sis er's fr ends, Demetrius thought, w.s Lydia Hartley. She was not particularly brantiful, except that she had the beauty of youth, health and innoceace; but she was modest, sweet tempered, and a thoroughly nice girl. She was from Brooklyn, and had come to Patchogue with her aunt for the summer. More than this I emetrius's sister did not know, as she had never met the Hartleys before their seashore acquaintance. for Demetrius himself he did not ask to know any more. At the end of a week he had settled in his own mind that he would be a happier man if he were mar-He had also determined that Lydia Hartley was the woman to make him happy, if he could gain her consent. Though his mind was thoroughly made up on this point, he resolved to wait another week before speaking to her. Caution was a characteristic of the man, and as he was to be in Patchogue two spend his whole vacation here), there

"I shall wait until next Saturday." On Monday there was a boating party. When the ladies were seated in the boat Demetrius noticed that Lydia rose and gave her seat in the stern to her aunt. She is thoughtful and unselfish," he-When they were coming in a aquall sprang up, the loat pitched a great deal and there was more difficulty in the ladies

The official hesitated a moment that deal and there was more difficulty in the ladies

"John, this gentleman wants to talk" making a landing. Sect of the ladies were greatly frightened, many were in hysterics. Lydia

"John, this gentleman wants to the Hartley. Take him over."

The man led the way to the dock when the man led the way to the man led the man slone, although a little pale, was per-

Demetrius held an umbrella over Lydia the tug. as they ran to the hotel. Miss Hartiey followed wrapped up in his mackintosh. The ladies were none the worse for their wetting, and they had a merry party at laconically. night in the par or of the hotel.

reviewed he events of the day, trying to recall all that Lydia said and how she fooked when he said it. He thought "Yes be had never seen eyes of such a beauti- wreck." fal blue as hers, or hair of so pretty a brown. He remembered how her hands looked as they dipped in and out of the sir." baskets in preparing their uncheon, such deft and competent hands as they were, as well as pretty hands. He thought of favoring none and forgetting none. and I'm going to marry her." which was wait until Saturday.

degree, except that he was more in love be obliged to you if you will explain than ever. There was nothing "on" for this mystery at once." that day, and Demetrius and Lydia walked almost a mile neither having cannot wait until he comes up, we'll send spoken for some minutes when Demetrius proposed that they sit down on the sand. "I have something to say to you,

Miss Lydia," he began. A faint blush rose to Lydia's cheek. but she made no reply.

known you I have grown to feel a deep to have yours." regard for you," he went on; "you are press you for an answer if you wish to take time to consider. I shall be here until next Saturday." This was a very asked Demetrius. long speech for Demetrius, but, he felt that the circumstances required something different from soliciting an order for canned goods.

The blush on Lydia's cheek had deepened as he went on. When he paused she was silent a moment, and then, with downcast eyes, she said

This is sudden, Mr. Green; I did not think-that is, I was not sure that "Ah, you did suspect, then!" said

Demetrius, smiling.

made up your mind to send me to the pulled sshore. - The Epoch.

right about." Lydia raised her eyes. "No, Mr. Green, I have not," she said. "I respect your offer, I have the highest esteem for -to care for you very much.

ver it kissed it. They sat there long talking together; sweetheart she had ever had. As they walked back to the hotel he shock completely paralyzed both her orsaid: "And now I must speak to your gans of speech and motion, and she lay aunt; do you think she will object?"

In the evening when Demetrius approached Miss Hartley on the subject she seemed considerably surprised.

mered. cerned, but I am not Lydia's natural

"I thought she made her home with you?" said Demetrius in some surprise. "So she does," said Miss Hartley.

"Who is her guardian then?" "Does her father live with you?"

"No. He comes to the house about every week, when we are at home.' 'Where can I find him?" "I cannot tell you -I do not know, said the old lady in some confusion.

"Is it ne essary that I get his consent to my marrying Lydia?' "I think so, oh yes, indeed." "Miss Hartley," said Demetrius, "if there is anything of a painful nature

tell it to me. I am going to marry your

niece, but I should perfer to have her father s consent." "There is nothing painful Mr. Green. It is only that I can tell you absolutely nothing. My brother is a very peculiar man. Some year ago he was a sea-captain of some prominence. He lost the command of his vessel, or resigned it, I do not know which, and since then I have never learned what business he no relief from the maiady, if it can be went into. Generally he comes to see us every week, but sometimes he doesn't

come for a month." "Does he never write to you or your niece?"

"No-yes, he did once. He sent Lydia a message about a year ago, and I remember that 'Brooklyn Navy Yard' was on the letter paper, but that may not have meant anything."
"I am much obliged to you for the

information; it probably means a great deal to any one who wants to find him. Is this all you can tell me?"

"That is all I know." Another week passed, a week of great happiness for Demetrius, and apparently for Lydia, too. Demetrius had told her that he was to go on the road again the following Monday. He would be in New York often before the fall, and, of course, would always come over to Brooklyn to see her. "In October I shall be in the city for three weeks," he added, "and then, if it suits you, is when I should like our marriage to take place." Lydia blushed, then smiled and con-

On Monday Demetrius bade adieu to his betrothed, took the early train for New York and reporting to his house weeks longer (for he had resolved to made up his route. Then he started for spend his whole vacation here), there Brooklyn, and reached the Navy Yard was no need to act on the spur of the shortly after noon. Going to headquar-

mome t, and Demetrius said to himself: ters he inquired for Mr. Hartley. "David Hartley?" was the response. "Yes, is he here?"

"No, he's out," pointing to the water. "(an I communicate with him? it is on a matter of great importance," said Demetrius, looking at his watch 'and will probably take but a short time,"

the two got into a small boat, the man feetly calm. "She is sensible and courtaking the oars and pulling toward a tug seems," said Demetrius. which lay about two hundred feet from they landed without an accident and the dock. There were several men on "Which of these gentlemen is Mr.

Hartley?" asked Demetrius.
"None," replied one of the men,

"I was told that I should find Mr. Demetrius sat smoking his pipe for a Hartley here," he said. "If you can wait a while, we'll have him up." said the first speaker. "(p?" ie eated Demetrius.

"Yes, out of the water; he's in the

"Wreck-what wreck?" "The Mary Stevens, right under you,

l'emetrius was appalled. Was Lydia's father drowned, and had he come here only to carry back this dreadful news to how she had a bright smile and a pleas- her? Three deep, reverberating strokes ant word for everybody in the party, came from far beneath him, which sounded like a death knell. Demetrius this and more he recailed, then he laid shuddered. Then catching sight of the down his pipe, slapped his knee and amused faces of the men, he thought it

"She is a splen! d girl - I love her some hideous joke.
"m going to marry her." which was "Gentlemen," he said, "I must see wery enthusiastic outburst for Deme- Mr. Hartley or communicate with him at trius. Nevertheless he added: "I'll once on a matter of the utmost importance. You say that he is under the faturday morning dawned bright and water, yet I am perfectly sure that he is beautiful. Nothing had occurred to not dead. I have to transact my business change Demetrius's mind in the slightest and catch a train at 2 o'clock, so I should

"Certainly, sir," said the man who had found themselves strolling quite natur- answered him, "Mr. Hartley is down in

down a message for you." Demetrius breathed more freely, tore a leaf from his memorandum book and hastily wrote: "Demetrius Green, with Manning, Moore & Manning, asks the hand of your daughter .. ydia in mar-"Puring the two weeks which I have riage. He has her consent, and hopes

"Can you send me another message?" "Yes, sir."

He wrote: "The wedding day is fixed be present." This was sent as before, and after an-

other interval of waiting came back the answer: "All right; I'll be there." correspondence and put it in his pocket.

"And perhaps you have already con and pressing a five-dollar note into the dition again."—New York News.

sidered what you would say when I hand of the astonished workman, he should speak to you. I hope you haven't sprang into the boat and was rapidly

A Woman's Peculiar Malady. There is living in Cleveland, Ohio, lady a licted with a peculiar malady you, and I am sure that I shall grew to which has puzzled and baffled the entire medical fraternity of this section of the Demetrius took her hand, and bending country. Herself the sister of a wellknown physician, she has been unable to obtain any relief, and has turned in but all they said does not concern us. despair from one form of treatment to Demetrius had told Lydia she was the another without avail. Some years ago, only woman he had ever loved. She, in when a young girl, the house in which her turn, confessed what every girl she was stopping at the time was struck would not, that he was the very first by lightning. All of the inmates were But stunned, and more or less seriously in-Demetrius loved his tender flower all the jured. This young lady suffered more more that he had been its discoverer. severely than the other victims. The

for days in a most precarious condition. "My aunt? Oh, no, my aunt will not Recovery, although slow, was appar-object. I am sure," said Lydia. Recovery, although slow, was appar-ently complete, however, and in a few weeks the effect of the stroke had entirely passed away, says the Pittsburg

"Lydia is so young—I never thought that so soon—" the old lady stam— of paralysis stealing over her, and before ". f course, Mr. Green, you assistance could be summoned the unhave my consent, so far as I am con- fortunate woman was again prostrated, speechless, and unable to move a muscle of her body. It was noticed at the time that a heavy thunder storm was brewing, and that the air was overcharged with electricity. When the storm was over the patient rapidly recovered, and the next day was as well as ever, save the

nervous shock attending the relapse. The next th inder storm brought with it the same alarming state of affairs, and again was the young woman paralyzed, recovering only when the atmosphere was cleared of its overcharge of electricity. The fact that the victim's system, rendered sensitive to electrical changes by the frightful shock it had received when she was struck by lightning, was now susceptible to the slightest about your brother, I do not ask you to presence of the subtle fluid, was row apparent, and medical science was called into requisition to effect a cure. All remedies proved ineffective, and with every recurring thunder storm the unfortunate woman relapses into a state of partial or complete paralysis, according to the severity of the storm. Her health has, of course, suffered from the constant strain put upon her both physically and mentally, but there appears to be

> The Handsomest Horse in the World. At the horse annex of the Buffalo (N. Y.) fair, every variety of the equine race was represented from the huge Clydes-dales weighing over 2000 pounds, with hams like an elephant's and white fetlocks that sweep the ground, down to the daintiest darling of a Shetland pony, mouse color and white, hardly larger than a Newfoundland dog, and limbed like a deer. Very funny was a group of extra diminutive ponies with their demure little mule colts beside them. There were many Percheron and French coach horses, splendid creatures, most of them imported, but pe haps the two most notable animals were Mambrino King and Al-Monarch. Al-Monarch, the bold originality of whose Arabo-Creek title cannot be too much admired, is not so celebrated for his speed, as for the fact that he is the father of El-Monarch, a horse of 2:174 record, the last quarter being at a pace which would reduce it to 2:08 if the whole mile had been at the same speed. Fl-Monarch did not himself appear in the flesh, but the public were consoled by a photograph, presumably instantaneous, which represents him as flying through the air apparently, all four feet being all the ground. I believe the instantaneous process has established the fact that a swift trotting horse is frequently detached in that

As for Mambrino King, he travels on his beauty, having the reputation of being the handsomest horse in the world. This at least was the claim boldly made for him by the placard in front of his box. He certainly has a beautiful head and eyes of inde-cribable magnificence. As it was impossible to exhibit him in motion, the instantaneous photograph was again brought into requisition, a wonderfully spirited picture, that re-

Democrat. The Philosophy of Thunder. One of the most terse and succinct descriptions of a natural phenomenon is that recently given by M. Hirn, in which he says that the sound which is known as thunder is due simply to the fact that the air traversed by an electric spark, that is, a flash of lightning, is suddenly raised to a very high temperature, and has its volume, moreover, considerably in-creased. The column of gas thus suddenly heated and expanded is sometimes several miles long, and as the duration of the flash is not even a millionth of a second, it follows that the noise bursts forth at once from the whole column, though for an observer in any one place it commences where the lightning is at

the least distance. In precise terms, according to M. Hirn, the beginning of the thunder clap gives us the minimum distance of the lightning, and the length of the thunder clap gives us the length of the column. He ilso remarks that when a flash of lightning strikes the ground it is not neces-sarily from the place struck that the first noise is heard. Again, he points out that a bullet whistles in traversing the air, so that we can to a certain extent tollow its flight, the same thing also happening with a falling meteorite just before striking the earth. The noise acsound produced when one tears linen. It is due, really, to the fact that the arrapidly pushed on one side in front of the projectile, whether bullet or meteorite, quickly rushes back to fill the gapleft in the rear.

Squirrel Skins and the Weather. Tacked upon the wall in one corner of so nicely.

She—"Howsweet, Adolphus."

He—"What will you order, Amanda? my room are three native gray squirrel This he enclosed in an envelope and skins. The agile chatterers that were the first woman I have ever loved, and if addressed, gave it to the man and once within these soft jackets were shot you can care for me in return I want to watched him curiously as he pla ed t in last October in the Maine woods, and their make you my wife. I am, as you know, a small metal receptacle attached to a furs were tanned and sent to me at the traveling salesman. My salary is \$ 2000 cord, then jerked a rope and lowered the same time by an enthusiastic sportsman a year, with perquisites amounting to receiver into the water. After what of my a quaintance. The ordinary way \$1000 more. My siter, Mrs. Jackson, seemed a long time, se eral of the same in which these skins are preserved in the is the only relative I have. If you marry strokes which Demetrius had heard country is by merely tacking them upon me you will find that I will do every- previously resounded again, and the a good broad shingle, sprinkling a little thing a man in my position can do to cord was drawn up, the receptacle opened salt over them and then setting aside for make you happy. I have not arr ved at and Demetrius re e ved his own note, on a week to dry. For almost a year now this decision suddenly, and I will not the back of which was scrawled: 'I have these furs been upon my wall in a soft, pliant and dry condition, as they should be. Last Tuesday, though, when the atmosphere was so excessively sat-urated with moisture I found them soak. ing wet, with great beads of water distribfor October 8; I sincerely hope you will uted over the surface. The salt with peddlers?" which they were permeated, had simply been unable to withstand the humidity in the air, and had, of a consequence, been dissolved by it. If squirrel skins prove making a sale and then turned the job ment which the architect took in pitching a sale and the prove making a sale and the prove making a sale and the provents are the provents and the provents are the provents and the provents are the provents ar "What's the charge, gentlemen?" said to be such an accurate register of atmos-Demetrius, briskly, as he folded up his pheric moisture, it might not be a bad idea for the Signal Service Bureau to adopt them henceforth as standard hy-"No charge? Then take this, and drink to the health and happiness of my bride and myself on the 8th of October,"

My skins, as I write, are in normal condition again."—New York News. nection with their other instruments.

BUDGET OF FUN.

HUMOROUS SKETCHES FROM VARIOUS SOURCES.

An Autumnal Idyl-Then You'll Remember Me-A Precautionary Measure-A Creature of Habit, Etc., Etc.

The roses from the wild rose-trees The roses from the wild rose-trees
Upon the grass are falling,
And geese in happy argosies
Fly southward, wildly calling.
Upon the top rail of the fence
The squirrels unadly cheter,
A in the forest, deep and dense,
Inc chestnuts gaily patter;
And Mary Jane will soon commence To make the buckwheat batter.

Then You'll Remember Me. Restaurant Waiter (to departing cusaccustomed tip) -"You'll not forget me, will you.'

A Precautionary Measure.

Enamored Youth - "Your father treats to be satisfied with silver in payment of me with the most distinguished consid- the other installment. eration. The other night he called to me as I was leaving and reminded me I was forgetting my umbrella."
Sweet Girl—"Yes, papa was afraid you would be coming back after it the next

A Creature of Habit. "Are you going out riding?" "Why do you take that bell along in-

evening."-Philadelphia Record.

stead of a whip?" Fliegende Blatter.

Not Due to Success. First Poetical Aspirant (to second choose, but if you try it we will give litto)-"so you say you sent off more you a receipt in full in lead." than a hundred poems and never had one returned?"

Second P. A .- "That's what I said." cess! I wish I knew the secret." Second P. A .- "Well, I've sometimes thought it was because I never enclosed It is all over between us." postage stamps."-Life.

He Liked to Be Accurate. The farmer's wife ran out to the road that corner lot?"

"No, ma'am," he replied as he lifted ing into the cows at -" But she was off. -Li e.

Didn't Recognize the Bivalves. Mr. Byam Kegs (from Kalamazoo, with

intense disgust).—"Here, waiter, I ordered raw oysters. What on airth are these nasty black stones! Waiter (petrified)-"Oystahs, sah-on de haff-shell, sah!"

Oh, git out! I've eat a million canned oysters out home, and never saw a shell on ary one of them!"

Careful of His Mind. Woman (to tramp)--"I s'pose you've traveled a good deal in this country?" Rio Grande." Woman-"Don't ye git tired o' travel-

sometimes?" Tramp—"Occasionally, Ma'am, I am oppressed with more or less ennui: still, there's nothing like travel, you know,

Two Pictures. In Courtship-"What makes the stars so dim to-night?" she asked.

"Your eyes are so bright they outshine them," he said, as he tenderly pressed her hand. After Marringe-"I wonder how many telegraph poles it would take to reach from here to the moon?" she said,

called Job's warhorse. He looks there like an embodied thunderbolt.—Timessnapped; "why can't you talk sense?" -Boston Courier.

What Can He Tell Pa? Clara (shyly)-"You will have to gain papa's consent first, Mr. Sampson, ere I give you my answer."

Mr. Sampson (heart throbbing with hope)-"Can I see him at once, dear

"I think so. Mr. Sampson; and papa is so absurdly practical, he may ask some foolish questions." What will he ask? He may want to know how much you

are worth, and oh, Mr. Sampson-George (and the name dropped so sweetly from her lips)-what will you tell him?-Sift-

Learning to Shop. Pretty Miss-"Have you any plows?"

Jeweler — " lows?"
"Yes, or harrows!" "Harrows?" "Yes or rakes, or hoes, or mowing

machines-" "See here, may little miss, you seem to be out of your head, and I don't know but may be I ought to call a doctor or tain degree of thinness, then the other

policeman or-"Oh, mercy me! Don't do that! My rolled it still more. At her right hand head is all right. You see, I wanted to was the fireplace, and upon the coals was go shopping, and as I had not any money a red piece of iron forming a huge gridma told me to be careful not to ask for dle more than half a yard across. anything the store I went into was likely bread matched this nearly in size when to have in stock."-Philade phia Record.

Food for a Lover

restaurant where I have those deticious on the floor. The woman said she should lunches I have ment oned to you but continue to bake bread for thirty days. lunches I have mentioned to you but could not describe, and this is Tom, the waiter who serves me my favorite dishes sumed a great deal; they had to bake

They have birds, orsters, and all the of course. Waiter, you may fetch Mr. it and then not be satisfied."

Wigwag's favorite order, which he says:
you serve so nicely."

on de iron."-Nao York Sun.

Vanquished. "You malicious nuisance!" exclaimed How many more times do you need to

sir, and I am fast breaking down, but I

be told that I never buy anything of

have a son who---" square." - Chicago Tribune. A Mean Trick

Gus De Smith has been engaged to a number of young ladies, but thus far he has never married any of them. Besides being a gay Lothario, Gus is also a poet. On meeting a friend recently Gus re-

"Did you hear that I was engaged again?" "You don't tell me so? When are you going to get married?" "I didn't say that I was going to get

married. I am only engaged." "What is the young lady's name?"
"Her name is Lucy. Two other young ladies to whom I was engaged were named Lucy. That's why I engaged myse f to this last girl. I can use on this present Lucy the sonnets and loveletters I used on the other two. See?" -Siftings.

A Pointed Beply. After the downfall of Napoleon in tomer who has failed to give him the 1815, the French Government became liable for the amount of 750 million francs, which was to be paid over to Miserly Party—"No, indeed. I'll Allies within three years, to reimburse write you a letter when I get home."— them for the expense of the campaign. The payments were to be made in 1816 in gold, but as the French were unable to raise the amount in gold, the Allies had

> The people of Paris were naturally very much interested, and took no pains to conceal their anguish at having to part with their gold and silver coin. The subject was under discussion one day in the salon of Madame de Stael. A young German officer who was present protested against the Allies being compelled to take the inferior metal in payment.

"You had better be satisfied," interrupted Madame de Stael; "we paid the "Because, you see, I bought this horse from the street railroad company and he won't more unless I ring a bell."— might pay the third in iron." 'Very well, Madame,' replied the German officer, calmly; "you can pay the third installment in iron, if you

Penelope's Words of Comfort.

"Fenelope, can't you say something First P. A .- 'It's a phenomenal suc- to soften the blow?" implored the young

"Oh, Philip, Philip! What can I say? "That doesn't soften it any," rejoined Philip; "that's what you said before."

And the unhappy youth looked mournfully at a ten-dollar volume of poems he and looked up and down. A tramp was had presented her a few months before, shuming along, when she hailed him. "I and heaved a sigh so deep, so prosay, did you see any cows in the corn in found, that it made his shoes perceptibly tighter.

"Penelope," he continued, "when a his hat, "I didn't see any cows in the young man builds all his hopes on the corn, but I did see some of the corn go-ing into the cows at —" promise of a young woman and that young woman deliberately goes back on that promise, it knocks the props, as it were, out from under his hopes, and they come down, kerswash! You may have a perception sometime, Penelope," he added with increasing gloom, the feelings of a human being standing by a wreck of this kind and looking at the debris of his own happiness."

"I couldn't help it, l'hilip," she re-Mr. Byam Keggs-"Haff-shell, is it? plied. "I have become satisfied that we were not made for each other. We should not be happy together. We"-"Is it because I am a mugwump?" he

"No, Philip, it is not that, I think, with proper nursing, you would recover from that in time. Neither have I any Tramp- "I know every toot of it, objection to your personal appearance, Ma'am, from lortland, Maine, to the your position in society, your hab-"My habits!" he e aculated. "I hope

not. my life took a drink of anything intoxicating, never chewed tobacco, never to that which is now in common use. It smoked a cigar, never went to a circus, was uneven in surface, and full of and never was in a ballroom. I don't bubbles, so that objects seen through drink ten or collee, eat peatnuts, chew it must have been considerably distorted. gum, read novels, swear, gamble, lie, use snuï, play checkers, sit up late at windows of Pompeii. Pliny's villa had night, go to theatres, eat between meals, nor read Amelie Rives. I never kissed to the floor; but these were possibly made a young woman in my life"---"As far as my experience goes," as-

serted Penelope, retrospectively, "I can Still, it is evident that real glass was certify that you have not. "Philip," she also in use for this purpose, and to this added, with a glow of tender womanly sympathy on her face, "you asked me | the meaning of the term now employed. to say something to soften the blow. I think I can foresee a great future for you. Your habits have fitted you for a shin-

ing career." 'In what capacity, may I ask?" "As a \$50.-a-week freak in a dime

museum. - Chicago Tribune. Breadmaking in Norway. Broadmaking, writes a correspondent, was another industry which we had a good opportunity of seeing while we changed horses at one of the stations. Contrary to onr expectations, we found white bread everywhere, but the common bread is a heavy bread, the chief ingredient of which is rye. It is always sour; the good housewife intends it to be so. They have also "flat bread," made of potatoes and rye. It was this kind of bread that the two women. whom we happened in upon, were making. They were in a little underground room, unlighted, except from the door. The walls were of stone and the floor of earth. They were seated one upon either side of a long low table, upon which The one were huge mounds of dough. tock it. and with the greatest care, it was ready to be baked, and it was spread out and turned upon the griddle with great dexterity, and as soon as it He-"Amanda, this is the neat little was baked it was added to a great heap She had a large family of men, who convery often in consequence. In many places they do not bake bread oftener existence.-Lindon Standard. than twice a year; then it is a circumstance like haying or harvesting. We heard an Englishman say of this bread of

Waiter—"Yes, lady" (giving order)—
"Draw one in de dark. Soused pigs' feet Carnot live at Fonta nebleau this season in the suite of rooms fitted up by the Empress Eugenie for her son against his coming of age. They have the use of all the private and state apartments of the angry business man, "you have been the palace, all of which have been carehere every day for the last six months. fully kept in order for the past eighteen years, although the palace has been practically deserted. The state rooms are said to be the finest in Europe. Fon-"I am carrying out the wishes of my taineblear was created for the tallest late father, sir," said the peddler. "He King of his time, it is said, Francis I, called on you 397 times without ever and his height was the unit of measuretainebleau was created for the tallest "He King of his time, it is said, Francis I., over to me. He died of a broken heart, ing the ceilings and the cross beams of the floor. The cabinet makers did the same, and the sofas and carved chairs, brokenly. "I don't want the blood of three generations on my head. I'll take your entire stock if you ouit and call it your entire stock if you quit and call it them without using a couple of steps to son the sweetest and most gifted of leaves or a bunch of moss, so deceiving mount upon .- Times-Democrat.

WINDOWS.

THEIR DEVELOPMENT FROM THE EARLIEST PERIOD.

The Glazed Lattice was the Parent of the Modern Domestic Window-Pane-Its Introduction Into England.

What is a window? The answer de-

ends very much on the age of the world to which the question is intended to apply. A window may be a mere aperture in a wall, or, at best, an opening covered with lattice work-such as still exists in Oriental countries. Five hundred years before the building of Rome "the mother of Sisera looked out at a window, and cried through the lattice." Probably a portion of the lattice was made to open by means of hinges or a slide, so as to afford an unsestricted view. The lattice was the parent of the domestic window. such as characterize modern civilization, while the slit in the wall seems to have been the forerunner of the stately windows which ultimately adorned the ecclesiastical edifices of the Christian era. Some of the rustic windows at the present day are very much like a gla ed lattice. Small diamond panes are set in lead, and the greater portion of the window is fixed, while one part opens horizontally on a hinge. Sashes and sashlines, with counter-weights, to allow of an easy vertical motion, are refinements connected with a more advanced stage. In Gothic architecture the earliest windows were extremely small, terminating in a head of semicircular form. Usually there was but a single light, except in belfry towers. With the introduction of the

pointed style in architecture, a marked

change took place. The windows became elongated to a surprising extent, surmounted by a lancet head. The next step was to perforate the space between the summits of two lancet-headed lights, and the fundamental principle of the ornamented window was obtained. The effect on the interior of the churches and other buildings is described as substituting "a blaze of light" for masses of gloom. The full-blown Gothic window. with its many mullions and delicate tracery, took the place of the contracted apertures which formerly prevailed. Improvements in the manufacture of glass facilitated the change, and the introduction of the glazed window has exercised a marked influence on modern architecture. It is singular that the w.ndow, as we now know it, has followed on so late a period after the invention of glass. This vitreous compound was little better than a plaything for ages. The ancient Egyptians could make glass, but they never glazed a window. They could make bottles and various ornamental articles composed of colored glass; they could even paint on glass, yet they seem to have missed altogether the idea of producing a clear, light-tranmitting sheet, such as would exclude the weather and the dust, and yet admit the cheerful light of day. An almost extravagant antiquity has

been ascribed to the practice of glass-

les it was from the banks of the Nile

that this useful art ultimately extended

itself to other regions until at last the

making among the Egyptians.

centre of the industry became shifted to Rome, where again it suffered deterioration under the pressure of German and Hunnish barbarism. In the reign of Nero the Roman mausions possessed windows which appear to have corresponded very closely to those con-structed in England in the seventeenth Penelope Witherspoon, I never in century. But the window glass of the imperial city was far inferior in quality of tale, which could be obtained in sheets as much as five feet in length. extent a window was produced within It is curious that England is mainly in-debted to an archbishop and an abbot for the introduction of the glass window. At the commencement of the seventh century this country had no 'glass makers." At that period the windows of private dwellings, as well as of churches, were filled with linen choth, or with wooden lattices. In the latter part of the century, Wilfred, when Archbishop of York, proceeded to effect extensive repairs in the Cathedral, at that time in a ruinous state, and he is described as having "put plass into the windows," a provision previously unknown. Possibly he de-rived aid from his friend and contemporary Benedict Biscop, Abbot of Wearmouth, who about the year 674 brought glass manufacturers over from France to glaze the windows of his monastery and church. Five hundred years after the era of Biscop and Wilfred, windows of glass existed in English houses; but despite all that had been done to naturalize this industry, the glass was still imported from the continent. Five hundred years yet later on, we hear of Venetian artists at Lambeth, under the patronage of Villiers, Duke of Luckingham, engaged in making "glass-plate" for coach windows and mirrors. This brings us down to 1673. A century more finds the French making great progress in the production of large plates, in which they soon met with formidable rivals on this side the Channel. The manufacture of glass of some kind was fairly established in England more than a hundred years before the Venetian artists produced "glass-plate" at Lambeth, this early manufacture being located at Clutched Friars and the Savoy. But plate-glass was the great achievement so far as windows was concerned, and to the perfecting of this branch we owe important

Washing Away a Continent.

The average discharge from the Missouri into the Mississippi is estimated at 1:0 cubic feet per second. This would be 500,000 cubic yards per day, and scouring the country for material wit 180,000,000 cubic yards per year. At which to build their nurseries, the chuck flood stage the sediment has reached will's-widow is fast asleep in some out the enormous amount of 4,000,000 cubic of the way corner, only coming out in yards in one day. This would make a the afternoon and evening to gather it bank twenty-three miles long and 100 supply of food. When the time come yards across, and 1000 miles of such for levce in a year. When the united rivers selects some secluded spot and deposit pour into the guif, the output of soil annually is twice the above amount. The meaning of such figures it is impossible to measure. One hundred and why she builds no nest. The eggs ar possible to measure. One hundred and why she builds no nest. The eggs are lifty cubic miles of the continent almost the exact color of the surround tumbled annually into the sea by one ings, and so mottled and tinted the watershed! The wear and waste of only by the merest accident are they di cultivable soil is enormous. But the covered, and when the two little chuck great problem for man is how to control will's-widows come out they are eve great problem for man is how to control the mud-laden waters so that they shall not destroy ruthlessly on the way to their discharge. - Globe-Democrat.

George W. (lable calls Maurice Thomppoets of the present day.

POPULAR SCIENCE

The Lick Observatory is to have a rival n Colorado, 5000 feet above the sea-

The specific gravity of milk is about

.083. Its actual weight is 2.15 pounds per quart, or 8.6 pounds the gallon. A German professor says that thirty-five flashes of common lightning would keep an incandescent lamp burning for an hour.

According to Pasteur and Chamberland, typhoid bacillus is in ninety-nine cases out of a hundred communicated through drinking water.

The Gastroscope is an instrument by which the interior of the stomach may be illuminated, and the condition of the tining membrane determined. It is delicate and costly instrument. The range of 20,000 yards, attained by

by elevating one of the newest breech-loaders to 45 degrees, has led to the cal-culation that the 111-ton gun fired at that elevation would carry twenty miles. The greater part of our asbestos comes from Canada. The mineral is also mined in this country, but that found here thus

far has been shorter in fibre than the Can-

adian, and is not equal to it for many pur-Crude petroleum is increasingly used as substitute for coal on account of cheap-ness and ease of handling. The flour mills and evaporator wocks at Fenon, Mich., will be run with this "fuel oil" be:eafter.

The metal balls inside the round sleighbelis, are placed inside of the sandcore, which occupies the space inside the bell In casting the sandcore is burned away and the piece of metal is closed in the bell form. Dr. Donald C. Hood has collected nany facts relating to the use of salicylic

acid for rheumatism. Of 723 patients. reated with salicylates, 523 were relieved of their pains within seven days; whereas, of 132 patients treated by other methods, only 140 were relieved within the same time. A new disease has broken out among the grape vines of Santa Anna and San Gabriel valleys of California. It is

termed the sapsour, and the cau'e of it no one knows. The vines begin to wither and in a short time die. The disease is infectious and spreads very rapidly. . A new use for wire is described. It is stated that in various military districts of North and South Germany, as well as in Holland, trials have been made of wire soles covered with a substance re-

sembling India rubber. These soles are said to be more durable than those made of leather, and to cost only about half the price of leather. A novel electric railway is undergoing construction in a suburb of St. Paul. Minn. The railroad is an elevated structure, and the cars are hung below it close to the street level. They have from sets of wheels taking their power from the tracks, which are charged with electricity.
A speed of from eight to ten miles an

hour is claimed for the cars. The quantity of ice that sometim adheres to the branches of trees has been greatly over estimated, according to Mr. C. E. Bessey. In a freezing storm last February a fine box elder, twenty-five feet high, with a rounded top fully twenty-five feet in diameter, was brillantly covered with crystals, whose weight did not exceed 300 persons. weight did not exceed 300 pounds.

Admiral Luce on Coast Defence.

The following views of Rear-Admiral Luce, given to a Baltimore Sun man, will be read with interest. In speaking of the interior waterways running parallel with the Atlantic Coast,

near the shore, he says:
"The need of an inland system of canals along the coast is undoubted. The strategic naval waterways in a was would be Long Island Sound, by holding which New) ork and Brooklyn could be protected, and the Delaware and Chesapeake Bay, commanding the approaches to Philadelphia, Baltimore, Washington and Norfolk. It is not a large payer much necessary to have a large naval force as it is to have an efficient one that could be quickly transferred from one point to snother. As soon as the enemy begin to concentrate their fleet at any one point our monitors and gunboats could, at a moment's notice, be sent through the inland canals, with nothing to molest or disturb them, to the threat-

ened points. "The Delaware and Raritan Cana should be deepened so that big vessels could run through it. The Chesapeake and Delaware Caual should also be and Delaware Caual should also be broadened and deepened, and its approaches, which are bad, should be improved. The Government and private corporations should work together in improving these canals. The Eric Canashould be widened and deepened to accommodate war vessels, so that the lakes would be easy of screen law holding would be easy of acress. By holding the Welling Canal England can dispate her big gun boats and ironelads into the lakes, where they would work de-struction. The United States could only send some small gunboats through

the canal and over the railroad." "If I were going to improve the navy," said Admiral Luce. "I would be gin by improving the merchant marine. One may be said to be indispensable to the other. I would change the law so that a foreign built ship could sail unde the American flag. Then I would, a far as practicable, offer bounties in some form or other for building steamers Italy, France and England have em ployed this bounty system successfully and I do not see why we cannot do s equally as successfully."

A Bird Without a Nest. The term night-hawk is commonly applied to several species, all of which

have certain peculiarities. From its curious cry one is called chuck-will's widow, this call being uttered so loud! practical results, affecting our every-day by the bird that it has been heard to nearly a mile. About the middle March they come back from their winte pilgrimage; and unlike most of the birds, they have no housekeeping to keep them busy, as they build nests. While the robbins, humning birds, thrushes and others are busil laying, our seemingly lazy bire her eggs anywhere on the ground, an more difficult to find than the egg Being very sleepy little fellows the rarely move, and, though standing with in a few inches of them, the observe might suppose them to be two old brow is their mimicry.