#### SPIDERS THAT CHANGE HUE

Chameleon-Like Insects Take Color of Leaves and Flowers to Catch Prey.

Every traveler that returns from! Aropical regions has extraordinary stories to tell of the strange mimicry of leaves and flowers by insects. 'Sometimes the purpose of the imitastion seems to be concealment and sometimes the laying of a snare to eatch other insects. A curious instance of this was noticed on the Gold coast of Africa by a member of a British scientific, expedition when he stopped to examine a singular look-

ing white flower with a blue center. He found to his astonishment, that ift was not a flower at all, but a spiider's web, and that the supposed light blue heart of the flower was the spider itself lying in wait for its prey. The legs of the cunning spider, yellow mottled with brown, were extended in such a way as to resemble the divisions between the petals of

the flower. The web itself, very delicately woven into a rosette pattern, with white, and three threads that suspended it from the bushes were so fine as to be almost invisible. The whole thing had the appearance of being suspended in the air upon a stem concealed beneath.

When the scientist knocked the spider from its perch into a white gauze net his surprise was increased upon seeing his captive instantly turn from blue to white. Its former mimilery had been practiced as a snare; now it was playing a similar game for the sake of concealment.

But the end of the performance was not yet reached. When the investigator shook his captive its body again changed color, becoming this time of a dull greenish-brown. Later he captured another larger specimen of the same species of spider, whose flower web resembled an orchid. This spider exhibited the same remarkable power of changing its color.-Harper's Weekly.

#### TRAPS ALWAYS MEAN MICE

How Window Display of Neighboring Hardware Dealer Frightened Away the Prospective Tenant.

"It's the mice," said the woman who had returned from an inspection of the renting agent's choicest flats. "The place must be fairly alive with them. I never could stand mice." In vain did the agent protest that mice could not be hired to live in such immaculate apartments as his. The woman cut short his protestations with a sweetly incredulous smile.

"Don't tell me that," she said. "If the neighborhood isn't alive with them, why does the hardware dealer traps in the window? That is an unifailing sign. I have lived in flats for twenty years, and have learned that If the stores in a neighborhood make a big display of mouse-traps the Mats provide the mice for them to featch. So often have I had that lesison hammered home that I study the mouse-trap situation before signing a lease."

"Maybe that is the way those twenty-odd other women who scorned my flats on account of mice found out they were there," mused the agent.

Then, before showing the flats again he persuaded the dealer to remove his mouse-traps to a less conspicuous place.

Hatched Out Thrushee' Eggs. An interesting experiment with thrushes eggs in an incubator has THE THE PERSON OF been carried out lately at Norfolk, England. The little grandson of a farmer who owns an incubator, pleaded with the farmer to put the three Mttle eggs in the incubator. To miesse the child he did so, though he did not think the experiment would be successful, as he was running the fincubator at a heat of 102 degrees. But the eggs hatched, and they were then placed in a blackbird's nest which contained four eggs. The for-Mer parents cared for the little strangers, and now both the young thrushes and the blackbirds have Sown.

> A Black Moment. This is a true story. Its victim is alive and very much ashamed of the following disgraceful incident in his

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He had just arrived at college, very young-very callow. It was his wish so do the right thing by literature. Education, said he—nothing like it. So finding himself once in a gathering of upper classmen who were airily Bandving about the names of great poets, the youth suddenly blurted!

"Say, tell me-where can I get a; good English translation of Rosetti?" Years of frantic atonement have not? washed it away.

Semi-Indirect Lighting. A well known company that spegializes in lighting fixtures is at presest experimenting on what may be smiled a semi-indirect lighting system. in this instead of throwing all of the Est to the celling, from which it may De diffused and reflected, a portion galy of the light will be so directed, while the rest of it will be allowed to was downward or outward through the inside reflector and the outer glass casing. Various physiological and psychological tests are being made to determine the proper ratio Shotween the indirect and the direct Behting.—Shop Notes Quarterly.

## DOG SAVES A FOUR-YEAR-OLD

Faithful Canine Leads Searchers to Quicksand Where Little Boy Was Slowly Meeting Death.

New Haven, Conn.—Buried in quicksand, which had slowly crept to his chin and was close to his mouth and nostrils, Chester Swertsenger, four years old, whose disappearance upset the town of Orange and for whom the entire populace hunted for a whole day and night, was found by Nit, the

dog owned by A. S. Crosby. The swamp where the boy was found is about half a mile in the rear of his father's house, and it had been thoroughly searched several times before the child was discovered by the dog.

Augustus Swertsenger, the father, said he remembered passing several times during the night within five feet of the spot where the boy was found, but the rays of his lantern were too feeble to throw little Chester's head into relief against the deep shadows of the swamp.

When finally extricated from the quicksand the boy was too weak even to cry, and nothing could be learned from him as to how he got there. His limbs and body were covered with sores, and he had lost all his clothing. The sores and loss of clothing indicate the boy crawled over rough ground.

Chester and his father started to visit a neighbor nearby. Chester following his father. The father suddenly looked back, but the child was not to be seen. The elder Swertsenger supposed Chester had gone home. and thought nothing of the incident until he returned and found his son was not there.

The distracted father then hastily gathered together a searching party of about fifty residents of the town of Orange and the woods and swamps in the neighborhood from Woodmont to what is known as the "halfway house" in Orange were searched.

## NITROGLYCERIN FOR A PEST

Reputed Truthful Correspondent of Allentown, Pa., Tells How Caterpillars Are Exterminated.

Reading, Pa.—A local newspaper prints the following from its Allentown correspondent, whose reputation for truth and accuracy is first class:

"Elihu Batdorf, a quarryman, living near Breinigsville, claims to have solved the caterpillar question. The other day he happened to spill a small quantity of nitroglycerin over some bushes. Shortly afterward he heard a series of sharp explosions coming from that direction. Upon going to investigate he found that the caterpillars were devouring the explosive, that they would scarcely more than taste it than they would drop to the ground and a loud report

"Being an ingenious man, Mr. Batdorf immediately saw great possibilities in this great accidental discovery and began to experiment. He reasoned that pure nitroglycerin would be rather expensive for the destruction of caterpillars, but found. after several trials, that an ounce of the explosive mixed with about four gallons of water would answer

perfectly. "Spraying a tree with this mixture, which costs only a few cents, rids it of caterpillars in a few minutes. Before the spraying is completed the caterpillars begin to drop and explode, and in a minute or two there is a continuous fusiliade, sounding like volleys of ministure musketry

"It is found, too, that the shock of the explosions effectually destroys all of the other peats on the tree. Mr. Batdorf has applied for a patent, and is organizing a company to exploit his discovery."

## HOW TO BE HAPPY IN BOSTON

Est Beans, Read Er erson, Be of Puritan Ancestry, Wear Glasses and Be Fond of Tombetones.

Cambridge, Mass.—How to be bappy, though living in Boston or its suburbs, is exemplified by a writer in the Christian Register, a Unitarian weekly. The things one must have, must do and must be are listed below in part:

"Eat beans Saturday night and fishballs Sunday morning." "Select the Puritans for your ances-

"Have a sheltered youth and be a graduate of Harvard."

"Read Emerson." "Have a profession or literary call-

"Speak low." "Be a conservative in politics and a liberal in religion."

"Drop your 'r's'." "Be fond of the antique." "Wear glasses and be fond of tomb-

stones " "('arry your parcels in green hag." "Be a D. A. R., a Colonial Dame or a S. A. R. or belong to the Mayflower Society."

"Be neighborly to the unmarried." "Shudder at the west, but go to Europe frequently."

Breaks Jaw by Yawning. Brockton, Mass. - When Henry Brown awoke he yawned, tried to close his mouth and could not. He

had tractured his jaw. With his mouth wide open be walked more than a mile to a physician's office and had the fracture reduced. As Brown was leaving the office his jaws unlocked again.

Finally he was placed under ether and the jaw permanently fixed.

#### SURE SIGNS OF EYE STRAIN

Headache, Vertigo and Other Symptoms of That Aument That Afflicts Many Persons.

Chief among the symptoms of eye strain are watering of the eye, a gluing together of the eyelids on awakening in the morning, headache, the position and character of which vary with each individual. It may le neuralgic or it may be deeply seated, as was the case with Wagner, the musician, who was complaining constantly of "the nerves of his eyes."

The headache is often replaced by an inflammation of the eyelids, especially in young and healthy persons who also have a little conjunctivitis with a feeling of tension or fullness in the eyes which may become real pain of a dull aching character, the eyebails being very tender on pressure.

Sometimes there are vertigo and sickness, with dyspepsia, palpitation, and even difficulty in breathing. Sleeplessness is a very frequent symptom due in part to the excessive flow of blood to the brain and in part to the low tone of the whole nervous system.

The symptoms of eye strain appear sooner in those who lead a confined and sedentary life, who follow occupations which need a constant use of the eyes in bad or unsuitable light. and in those who are debilitated from any cause. The symptoms appear later in those of coarser fiber, who pass much of their time in the open air or who follow occupations which do not need a prolonged use of the eyes for close work.—Lancet.

#### HAIR FOR SKIN GRAFTING

Applied in Chopped Form, It is Found to Be Good Substitute for Ordinary Cuticle.

Chopped hair has been successfully substituted for skin in skin grafting by the French surgeon, P. Carnot, who has applied his method in many cases. It is based on the fact that the cells of the hair and its roots are epidermic outgrowths and can easily be transformed into skin cells.

The use of hair not only does away with the necessity of taking skin from other persons, which is a painful operation, but it is said to be an improvement as well, as it is strong and bardy, and being inured to a minimum of nutrition is able to thrive under unfavorable conditions, such as prevail where grafting is necessary.

The manner of performing the operation is simple, a few hairs being pulled from the head of the patient or of a relative, and with the bulbous root removed the freshest or newest parts are cut into small pieces so as to form a coarse powder. This powder is then strewn over the surface of the wound and a proper bandage

Within a week white spots appear on the surface, rapidly increasing in size. The spots extend and thicken and finally form a perfect new skin. -Popular Mechanics.

## Salt.

Sait production is about the oldest industry in the world. In Italy, the cradle of the salt industry, it has been manufactured commercially for 2,500 years. Salt is so necessary to existence that in some parts of the world tribes will sell the members of their families in exchange for salt.

Salt has been the cause of wars. and so important has it always been considered that in some places the passing of salt is established as a token of friendship, and women throw salt on a visitor as a friendly greeting. In some countries salt is so scarce that it is obtained through the ashes of grasses and a species of paim and other plants.

While salt is produced in almost every country in the world, it is stated that nowhere can salt of such purity be obtained at anything like the cost of mining as in Louisiana.-Manufacturer's Record.

## Standard of Colors.

The call for international standards of all kinds is becoming every day more insistent with the progressive unification of the industries of the world. The latest demand of this kind is for an international standard of colors.

Chemists, manufacturers of dyestuffs and pigments, and many others would benefit by such a standard. It is suggested that when once the desired color scheme has been decided upon, the best method of perpetuating the standards, and rendering them available for comparison everywhere, would be by means of colored glasses with which a tintometer could be constructed. A tentative instrument of this kind, based on an arbitrary color scheme, has been made.-Youth's Companion.

## Adroit.

There was a man who used to tell a fine story about a cannon. But, like all story-tellers who play fair, he believed in waiting for something to turn up in the conversation which should give him a chance to spring his yara.

Unfortunately, most of the conversations in which he became involved were perversely cruel to him. Nothing was said in them for several succossive weeks. And this is what he need to do, in his desperation, to get around the difficulty:

"Boom-Boom!-Boom!!! roared the cannon at Gettysburg. And, by the way, speaking of canson-" Whereupon out came the story.

# TRIP MAKES CAT ILL

Mascot of Dubuque Can't Stand Fresh Water Waves.

Work of Repairing War Vessel Be Hastened to Shorten Misery of Famous Feline-Was on Battleship Oregon.

Chicago.-"Blue" arrived in Chicago late the other night. Blue is Just a cat. He never won a ribbon at a cat show, yet he is one of the most famous felines in the world. Any one who has been in the American navy since Spanish ships furnished targets for Dewey at Manila bay knows what a prize Blue is. In fact, superstitious tars attribute American success in that episode largely to Blue.

This famous cat was brought to Chicago aboard the United States gunboat Dubuque. The Dubuque will relieve the Nashville as a training ship for the naval reserves. The Nashville is to be overhauled before the crew of the Dubuque takes charge. The work is to be done faster than any similar amount of labor was ever performed in the American navy.

Why? Because Blue is sick. This is the first time in his long life that he has been on fresh water. The changed motion is too much for him. Sailors on the Dubuque would be everlastingly disgraced if Blue gave up his ninth life on fresh water. Work that ordinarily would take a month will be accomplished in three weeks.

Blue was mascot on the Marietta, pilot ship for the battleship Oregon in its famous trip around the Horn in 1898. Later Blue was transferred to the Oregon because he was a good omen. The men of the Dubuque obtained him from the battleship Georgia. He is 15 years old.

"Bill" is the regular mascot of the Dubuque. He is a small black goat and comes from Little Corn island, of the coast of Nicaragua. He was picked up last summer when the Dubuque was patrolling the Nicaraguan coast during the last revolution. Bill weighs less than 20 pounds. He knows every bugle call on the ship. Two weeks ago he hurt a leg in jumping. The men took him to the surgeon when the sick call blew. Now he goes at

the regular time of his own accord. The Dubuque is the first regularly manned vessel of war to pass on through the Canadian docks since the war of 1812 Only after three months of correspondence with the Canadian government was the ship allowed to pass, and then only after the guns had been unmounted. The ship made the trip from Porthmouth, N H., in 16 days. It is officered by Capt. K. C. B. Morgan, Lieut, E. P. Finney, Lieut. F. M. Robinson, Ensign W B Cothran, Midshipman C A Lucas, Midshipman D. J. F. Friedell, Assistant Surgeon C. W. Smith and Assistant Paymaster W. R. Van Buren.

in the contrast to the Nashville with its war color the Dubuque is painted white and moored off the foot of Monroe street, looks like a large yacht. Its displacement is about 150 tons less than that of the Nashville.

## APPENDICITIS ALWAYS A FOE

Viennese Surgeon Says Mortality Is Decreasing Among Adults-Most 

London.-Dr. Hans Salzer, a Viennesee specialist, has just delivered a lecture on appendicitis before the Vienna Medical society. Dr. Salzer does not think that appendicitis will ever be entirely eliminated, although owing to skilful treatment mortality from it has already been reduced to about 3 per cent. in the case of adults. Appendicitis in children much oftener ends fatally, the mortality here ranging from 15 to 30 per cent.

The faculty, said Dr. Saizer, is making very strenuous efforts to combut this death rate. He scouted the idea that in the care of children the veriform appendix being an undeveloped organ is larger in proportion to the length of the caecum than in the case of adults and is therefore more subjected to inflammation. He also denies that appendicitis is more difficult to diagnose in children unless they are of very tender age, say un-

der two. Dr. Salser does not believe that appendicitis in children is of a more serious nature than in the case of adults. The high mortality, he contends, is due to the fact that children are brought to the consulting room at too advanced a stage of the disease and so are operated upon too

The symptoms in children, it is true, are so varied that they are not easily recognizable by parents, but, said the lecturer, they should be patent to any practiced physician. Dr. Saizer is strongly of opinion that the lay public should familiarize itself more with the early symptoms so that prompt action may be taken.

Chinese Empress' Wealth. Seattle, Wash.-According to Chinese papers received here it is creditably reported in Pekin that the fortune accumulated by the late Empress Dowager Tre Hei, which amounts to between \$25,000,000 and \$30,000,000 chiefly in gold bars, has been shipped to England, whence it will be transferred to a bank in Brussels for investment. Since the death of the empress dowager the treasure has been stored in the palace under military guard.

### NO "FUTURE" FOR THIS GIRL

Sad-Eyed Blond Stenographer, Who Wedded Curly-Haired Clerk, Gives Gypsy Secress a "Tip."

Kansas City, Mo.-Three gypsy women, one quite young, were in an East side grocery store when two young American women entered One of the older gypsies made a "gurgling" noise to the young one soon after the Americans were inside.

"Don't you girls want your fortune told?" asked the little gypsy miss as she walked toward the young women with her hand outstretched.

"I can tell your past, present and future," went on the gypsy girl "All about your love affairs. I can tell you when you are going to get married."

This appeared to be too much for one of the young women, a sad eyed

blond, tired-looking, creature. "Say, you," she exclaimed, "I'm already married, and I'd rather give you \$50 to tell me how to lose what I've got than 10 cents to know that there is another lazy loafer waiting down the line somewhere for me to support'"

"Where do you live?" she asked then. "I will come to your home and tell you all."

"Beat it, little one, beat it," ordered

the tired-looking blond. "I don't live; I exist. And as for you telling me all, why I can tell you more about this game and hand out more real, genuine hot tips on this matrimonial business than you ever dreamed of. If you ever run across a stenographer earning her little \$85 per, and enjoying single blessedness, don't walt to read her paim. Look her straight in the eye and tell her not to let any curlyhaired, gazelle-eyed \$15 a week clerk with pink ears and perfectly manicured nails get her out of her head enough to stand for that marriage. business. When he loses his job he never gets another, and the aforesaid stenographer has to hike out and get one of her own. And the chances are it will be about \$10 per writing five letters a week, watching the telephone and steering creditors off some cheap screw of a lawyer with fringe around the bottoms of his trousers. You take chances, too, on getting even that \$10 on which two must live cheaper than one Tell her that, too."

Then she said to the grocer: "Give me a dime's worth of brick cheese and a nickel's worth of lettuce. We are going to have sandwiches for luncheon. I like that word 'luncheon." No: I have a half loaf of rye bread left from yesterday."

#### JEANNE D'ARC'S OLD SWORD

Museum at Dijon Sald to Possess Blade Given to Maid of Orleans by King Charles VII.

Paris. - Biographers of Jeanne d'Arc. in cluding Abatole France Andrew Lang, have never been able to discover any authentic relics of the Maid of Orleans. The executioner threw her ashes into the Seine, and the cottage at Domremy has not so much as a wooden shoe which can be proved to have belonged to the Liberator of France. There is, bowever, in the museum at Dijon a sword kept in the ball with the tombs of Philip the Bold and Jean-sans-Peur, for which the custodian, M. E. Metman, has documents proving that it once belonged to Jeanne d'Arc. On one face of the hilt is engraved

a figure of the Maid in peasant coetume kneeling before a cross, with the name Charles VII. On the other is the word "Vaucouleurs." On both the arms of France and those of the City. of Orleans. The date, 1419, is found in five places on hilt and blade. This date may indicate when the sword was made, or it may be in commemoration of the assassination of the Duc de Bourgogne in the presence of the Dauphin, the future Charles VII., on the bridge of Montereau.

M. Metman's manuscripts show that the sword was manufactured at Toledo and was autographed by the sword-maker, Lupus Aguado, and that it was specially made as a present to the Maid from the king of France.

## RISKS HER LIFE FOR OTHERS

New Jersey Woman Seizes Large Shepherd Dog, Afflicted With Rabies, and Forces It Into Shed.

Flemington, N. J.—That the lives of others might not be imperiled, Mrs. Jacob Leon grappled with her large shepherd dog when it was suddenly stricken with hydrophobia. The dog was tied to its kennel with a rope when Mrs. Leon discovered its condition. An instant later it had bitten the rope in two and, snapping, snark ing and frothing at the mouth, it started to leave the premises.

Realizing the danger to others, Mrs. Leon called sharply to the animal and. catching it by the sides of the head. forced it into a woodhouse.

William E. Green, a neighbor, was summoned to dispatch the dog with a shotgun, and when he arrived the dog was dashing madly about the woodhouse, biting everything within its reach. Mrs. Leon's arms were scratched by the teeth of the dog as she held it, but the skin was not proken.

Vielin Case a Marvel. Moscow, Idaho.-George Steltz ef this place has a violin case made of 968 pieces of material, representing 44 kinds of wood, some of which is said to be from every country in the world. Mr. Steltz, who is also a mechanic, says the case represents two months' work, performed at different itimes during many years.

#### MERELY OBEYED THE RULES

How the Late Tom Johnson, in Carly Life, Squirmed Out of Very Tight Placs.

When the late Tom Johnson started in life he drove a borse car in indianapolis.

One night there was a big storm of sleet and snow and the tracks were almost hidden, Johnson was on the night shift, and in the storm he drove his car two blocks beyond a curve before he realized the car was off the tracks and slipping along on the ice.

He tried to pull the car back and falled. Thereupon he unhitched the horses drove them back to the barn and left the car where it was Next day the superintendent called.

him. "Here, Johnson," he said, "what do you mean by driving a car off the track and then leaving it in the street?" "Why," Johnson replied, suavely,

conductors " "In the rules for drivers and conductors?" roared the superintendent. "Where, I'd like to know"

"that's in the rules for drivers and

"Certainly," replied Johnson. says always to be polite to passengers. Do you remember the kind of a night last night was? Well, there was a lady on my car who didn't have an umbrella and she lived two blocks from that curve. So I drove her. home."-Saturday Evening Post.

#### NOT ALTOGETHER A DEFEAT

Bride Had Made One Reservation She Intended to Live

Up To.

A clergyman tells the following story: He was marrying a young couple, All went well until he reached that part of the service where the bride has to say, "I will love, homer and obey."

The first part of the sentence she would say all right, but on reaching the word "obey" she refused to say it, but made some kind of noise very like it.

The clergyman again repeated it, but she still refused to pronounce the word distinctly.

The parson now became rather vexed about this and informed the young lady that unless she said it correctly this time he would refuse to marry them.

The bride, rather creatfallen, again repeated the words, but on coming to the fatal word she again hesitated, but eventually pronounced it distinctly. As they were on the way to the vestry she whispered to the minister. "Well, I shan't shine his shoes."

Making Use of the Rhine. The German Rhine is commercially the most important stream in the world. It furnishes a most illuminate ing contrast to the decadent Mississip-

The United States has expended more money in the awenty years ended in 1907 on the most important stretch of the Mississippi, 206 miles between St. Louis and Cairo, than the German central government has expended in the improvement of the Rhine from Strassburg to the frontier of Holland, a distance of 355 miles.

Yet the amount of tonnage handled on this portion of the Mississippi in 1908 was 374,093 tons, while that on the Rhine in the same year was between 40,000,000 and 45,000,000 tons, an amount from eighty to 100 times as great.—American Review of Re-

Now It Was Remarkable. An elderly gentleman of rural appearance had hardly seated himself in the crosstown street car. says Judge, when a young lady who had followed him in approached him. "Sir, did you lose a five-dollar hill?" she asked.

For a moment the farmer observed her with a surprised, curious look. then said convincingly: "Yes, ma'sm. I did."

"Then here it is," said she, handing the bill to him. "I picked it up behind you from the car floor." "Thank ye very much, young lady.

for your honesty. This is a most remarkable happening!" /"Oh, I don't think so, sir! I believe every one should return the money in such a case as this. What is there so remarkable about it?"

"Why, I lost my five-dollar bill two years ago!"

Had to Find Out. Under ordinary conditions, he was a man of prominence—but, as he ascended the steps of his residence, very early in the morning, it was very evident that he desired to be as much otherwise as possible. The cabby was lingering near by to see that his charge was safely disposed of for the night. The door opened before the man on the steps could get the key to work, and he was greeted with the question: "Henry, where have you been?" (Silence.) "Hen-ry! Where have you been?" (He turns to descend the steps.) "Are you going to answer my question?" "Yes, dearle heart, I am. From my personal knowledge. beloved o' my soul, I can't give th' desired infimation. So you jest lay down lagain while I go back an' ask th' hack

She Probably Was Worth It. "I proposed last night and today \$ have to see the girl's father." "A painful ordeal."

"Yes; I feel morally certain that be 'is going to borrow at least \$50."