ITEMS OF INTEREST FOR MAIDS AND MATRONS.

Blue Figured Foulard - The Married Women's Carelessness - The Correct Figure-Color Schemes-A Housewife's Soft Hands.

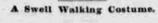
A Woman's Thought I am a woman—therefore, I may not Call to him, cry to him, Fly to him, Bid him delay not!

Then when he comes to me I must sit quiet, Still as a stone— All silent and cold If my heart riot— Crush and defy it! Should I grow bold, Say one dear thing to him, All my life fling to him, Cling to him-What to atone Is enough for my sinning? This were the most to me, This were my winning-That he was lost to me.

Not a lover, At least if he part from me, Tearing my heart from me, Hurt beyond cure— Calm and demure, Then must I hold me, In myself fold me, Lest he discover; Showing no sign to him, By look of mine to him, What he has been to me— How my heart turns to him— Follows him, yearns to him, Prays him to love me, Pity me, lean to me, Thou God above me!

-R. W. Gilder

Married Women's Carelessness. Philadelphia Times: A man would infinitely prefer to be disappointed in his wife's intellect than in her personal appearance, if he has to be distillusioned on either one point or the other after marriage, and yet how many women take chances with their marital happiness by drifting into slovenly or careless ways, which are sure to disgust a man, no matter how much in love he may be. Do we not all of us know some such instance in our own circle of acquaintances where a pretty, attractive girl has degenerated into an unattractive, untidy woman within a few short years of the time when she stood at the altar, radiant in the freshness of her youthful beauty, the delight of her husband's eye and the joy of his heart? The first step downward generally takes the form of curl papers. Ah, how many divorces can be traced directly to the baleful influences of these unsightly knobs to which a woman so soon endeavors to accustom her husband, but when, if she only knew, are the thin edge of the wedge that opens the gap between them. Then she acquires the wrapper habit and thinks nothing of wearing this same nondescript and unbecoming garment from morning until night. Little by little she neglects to take her hair out of papers, reserving this process for specially important occasions, until her husband hardly recognizes her in her holiday hair, minus the disfiguring paper wads that have produced the waves and curls, which he, poor, deluded mortal, once thought were natural. Her footwear resolves itself into chronic slippers, as a rule badly run down at the heel, and before she is aware of the fact herself, she has become absolutely unsightly rather than the attractive woman a little care would make her. Do not think that men fail to appreclate all the little personal graces of the toilet as much after marriage as before it. The money that is expended on delicate sachet powder, pretty shoes and dainty stockings, a fetching little house costume or for the services of manicure or hair-dresser may be condemned as awful extravagances, but they are condoned much more quickly than the neglect of personal appearance that may save expenditure of both time and money, but which wastes that best possession of a married womanthe sincere admiration of her own husband.





In olive green camel's hair plaid, with two-pieced tunic, trimmed with heavy woolen fringe and black velvet frogs, The jacket is of dark gray cloth, with collar and bands of black velvet as a finish.

Drape Your Mirror.

If a woman wishes to see herself in the deceptive mirror as others see her with the eye, or as nearly so as possible, she should keep the surface of her glass highly polished and have a plentiful supply of white-not creamgauze or fine India lawn, gather the material at the center of the top and let it fall on either side, framing the glass with soft folds of pure white. When this is done to artistic satisfaction, peep in and see what an improvement it makes to the general appearance. A draped mirror always gives a



With yoke and front of white satin, trimmed with design of gold thread; blue satin bands. Blue velvet hat, with green satin bow.

more becoming reflection than one with a hard frame, and besides, the white draped mirror and the lace-covered toilet table makes a dainty spot in a lady's room at all times.

The Correct Figure. The fashionable figure seems to be as silhouette as ever, and waist lines are disregarded in the effort to get a general slender effect. Corsets are beginning to be an expensive necessity, and women who have hitherto contented themselves with a ready made article of moderate price are now rushing to the high-priced places, for only there can they get a corset fit to wear under the new gowns. There is some justice in the big prices that are charged, for the best whalebone has to be used, and the most careful fitting and workmanship are required. The latest corsets now have two garter straps one in front and one on the side, more to keep the corset well down in place than to hold the stocking up. The chemise is, of course, tabooed, and a well fitting corset cover protects the corset. A dainty little garment for this purpose is made of strips of colored silk and white lace entredeux, says the New York Tribune. An elaborate petticoat is also an impossibility. It is doubtful if many petticoats, beyond a short, thin underskirt, are worn now, but with the autumn, thicker underskirts will be a necessity. At a place on the rue de la Palx, they are making these of satin, as close as possible to the figure, and trimmed with one shaped ruffle, narrow in front and quite deep in the back, Over these the skirts hang beautifully, and, as it is not the fashion to lift the dress now, the plainness of a petticoat makes no difference. At this shop they also show "knickers" of satin, made dainty with silk ruffles.

A Housewife's Soft Hands.

A certain little housekeeper who does all her own work and yet has the lily-white hand that one reads about, tells thus how she keeps her hands in such good condition: "Tomatoes will take off any stain. You know paring apples makes your hands frightfully black. I discovered that the tomato can be used to take off this stain, and since I have found it out I keep one on my kitchen table and apply it always after paring fruit. In winter I use canned tomatoes. Rather a queer cosmetic, isn't it? Then I am careful to wear gloves whenever it is possible -the rubber kind when I am washing dishes, and loose old kid gloves when I sweep. I think, with proper care, any woman can keep her hands soft and white, even if she does houseColor Schemes

The study of colors and their effects in combination is a very curious one, which many women would do well to give some heed to, especially when the house is being thoroughly renovated. There are some colors that are cheerful, refreshing, that give an expansive effect. Others are depressing and give a cramped-up appearance to a room. If a room be large and it is desired to make it appear smaller and more cozy it can be done by having the ceiling and walls decorated in a dark shade and the draperies in harmony. If blue be the predominating tone of a room it will have the effect of making the room look larger than it is and it can be introduced in some degree in a small room for that purpose. It must be used judiciously, however, for if it be in excess or of a wrong shade it will give a room a cold, cheerless appearance. Red makes no difference in regard to size, but it always gives the idea of warmth and comfort. It will always accentuate any tint of green that lurks in the other colors employed. Red in some tone or another might be used to advantage in a room that was not lighted from without, or in one that had a north light. On the other hand green should never be used under such conditions, but only where a room is powerfully lighted or a flood of sunshine penetrates. This serves to light up the yellow tint that would be otherwise inappreciable and gives a cheerful color tone. Much can be done to promote health and a happy, cheerful disposition by a proper regard to the tone in which the rooms of a house are furnished.

Simplicity of Food.

A "sick headache" is often caused by eating too much and too often rich food, and taking too little exercise. Substitute a simple, plain meal and a dessert of fruit for too much meat and too many rich dishes, and earn what you eat "by the sweat of your brow." Nature abhors lazy folks, and still more laziness accompanied by gourmandizing.

That Is the Place.

From the Pittsburg Chronicle: "The yacht races ought to be held at Chicago," said Mr. Northside to Mr. Sha-"Why?"

"That is the Windy City."

Spoil Their Looks.

"Are you ready to face the enemy?" shouted the corporal at Calulet, "Yis, an' riddy to deface thim, too," responded the Irish volunteer,

SCIENTIFIC TOPICS.

CURRENT NOTES OF DISCOVERY AND INVENTION.

Fountain Window Brush - Reversible Let er-Sheet and Coin Carrier-Metals Made Pliable by Taurie Acid-Is the Pacific Slope Drying Up?

Metals Made Pliable by Taurie Acid. Another discovery is announced that bids fair to give as important results in the world of science as any that has been made in many years. It is the result of experiments carried on by Theodore Olan, a Swedish chemist at Washington, and like many others it was found by the merest accident. Mr. Olan's discovery consists in "finding a new element which will soften steel, gold, silver, and many other metals, making them soft, pliable, and ductile as a piece of putty, and quite as easily and safely handled. He has named the new chemical agent tauric acid, because it is obtained from tauric moss, a peculiar lichen, or fungus, which grows upon rocks and the roots of trees very generally in the country, but it has never before been the subject of chemical investigation. The new acid has been tested by many eminent chemists in the country, who pronounced Mr. Olan's discovery to be one of the wonders of the world of chemistry, and it is believed that it has a great and important future before it in the arts and sciences. It is remarkable that the discoverer has given it gratultously to the world when he might have acquired a fortune from its sale. The process of making the acid is very simple and expensive. Mr. Olan describes it as follows: "My plan for bringing out the acid from the tauric acid is to put in a deep vessel a layer of chloride of lime, then a layer of tauric moss, to the depth of two inches, and then a layer of chloride of potash of about the same thickness. This is saturated with water until the lime is slaked away. After the fire has gone out of the lime the liquid is drawn off. After this, creosite of tar is added until a saturate solution results. The solution is precipitated with a solution of sulphuric acid, one part in ten. After precipitation the supernatent liquid is decanted, and the residue is found to consist of pure tauric acid.-Chicago Record.

Evolution of Indian Corn.

A surprising history is presented in Bulletin No. 57 of the department of agriculture, of one of America's greatest contributions to the food supply of the world, Indian corn. Under the effect of cultivation, the recognized varieties have increased from the few known by the early explorers to more than 500. The variations in size are interesting, especially as regards the height of the stalk. This runs from a foot and a half for some kinds of popcorn to 22 feet for a Tennessee variety, and 30 feet or more for varieties grown in the West Indies. Dr. Sturtevant, the author of the bulletin, describes one group in which "each kernel is surrounded by a husk, and the ear thus formed is itself enveloped in husks." Some classes of pop-corn have ears only one inch long, while the ears of common corn sometimes attain a length of 16 inches.

Fountain Window Brush. An ideal brush for washing windows and such purposes is one which has a flow of water through it. The fountain | not its gold bearing sands. The alluwindow brush shown herewith is the patent of an inventor of Stillthat the handle, being in two parts, is at its sources in the mountains has made to act as a pump to force the ever been made, because the Spaniards water to the brush, where it is delivered in such quantities and at such times as desired by the operator, its action being entirely under control. In this case the source of supply is a bucket, tub or any similar receptacle. but where it is convenient to make a connection under pressure, the piston can be fastened in an open position to permit the flow of water. Another feature of this patent is the soap cup on the handle. If soapy water is wanted it is only necessary to press a spring and the water is caused to pass through



this soap holder, while at other times clear water is supplied.

A Long Shot.

Major James M. Ingalis, whose authority in the science of ballistics is recognized in Europe as well as in this country, calculates that the extreme range of the new 16-inch gun, now nearing completion at the Watervilet arsenal, and which is to be used in defending New York harbor, will be almost twenty-one miles. At its maximum elevation the shot, weighing 2,370 pounds, will be 30,516 feet above its sisting of a sharp wheel set at the end starting point, so that it would clear of a bar, to be depressed by a lever on the summit of Mount Everest, with the car.

more than 1,500 feet to spare, even if OUR BUDGET OF FUN that giant peak stood n the shore of the sea. The longest shot hitherto made was with a Krupp cannon, which SOME GOOD JOKES ORIGINAL sent its projectile 1214 miles, the greatest height attained by it being 21,-456 feet.

Reversible Letter-Sheet and Coin Carrier An exceedingly handy affair for storekeepers and other trades people who resort to the use of circulars and other mail matter for the purpose of announcing their wares is the combination envelope, letter sheet and coin carrier, which was patented last week by a western man. This inventor has striven to present in a very convenient form the means of making a business announcement and at the same time afford the recipient of the circular the ready facilities of not only answering it, but of inclosing money for the purpose of enabling him to readily take prompt advantage of any proposition offered by the sender without the trouble and delay incident to procuring stationery and accessories for transmitting small sums of money. The letter, after it has been opened, has only to be reversed and the message or order written in the space provided, and in



doing this the coin-carrying feature is revealed. Different spaces are cut in a piece of stiff cardboard,

A New Cab-Fare Meter. A fare-meter that claims to possess several improvements upon the taxmeter, has been recently introduced. The apparatus has two dials which are inside the vehicle, one of which shows the distance run in miles and yards, and the other the time which has elapsed since the hiring of the cab, both starting from zero when the hirer enters the vehicle. In addition, there are secret registers by which the proprietor can tell the exact distance run by the cab during the day, so as to check the driver's accounts The connection between the wheels and the mechanism is by a steel wire which receives a "to-and-fro" motion from a cab on the hub, and works a rachet waecl in the fare-meter,

Changes of Climate.

Prof. Arrhenius, who has recently investigated the causes of secular variations in the temperature at the earth's surface, thinks that they are more probably due to changes in the amount of carbonic acid in the atmosphere than to variations in the heat of the sun. If the amount of carbonic acid that the air now contains were diminished a little more than one-half, the mean temperature all over the earth would drop about eight degrees, which would be sufficient to bring on another glacial period. On the other hand, an increase of carbonic acid to between two and three times its present amount would raise the mean temperature 15 degrees, and renew the hot times of the Eccene epoch,

Gold in the Philippines.

It is said that there is not a stream rising in the mountains of Luzonand the same is true of other islands of the Philippine group-which has vial deposits of the precious metal have been garnered for many years, water, Minn., the feature of which is but no thorough explanation for gold were unable to conquer the tribes inhabiting the interior regions. Some of these tribes are said to look upon the digging up of the earth as a sacrilege, and they will not seek gold in that way, nor permit others to do it, lest the wrata of the gods should grow hot against them.

Is the Pacific Slope Drying Up?

Two writers in the National Geographic Magazine, Messrs, Garret and Leiberg, offer evidence that there is a progressive drying of the climate on the Pacific coast. At no very remote period some of the arid plains of eastern Oregon were evidently covered with forests of trees resembling existing species nearer the coast. Mr. Garrett thinks that with the clearing away of the present forests, the end of the redwood as a source of lumber will be at hand, because existing condit'ons do not favor its growth.

Recent Inventions.

A handy device for cleaning lamp chimneys is formed of four wires twisted together at one end, with a sliding ring attached to a rod leading to the handle, to be pushed down over the wires and causes them to grip a sponge or other material for cleaning the chimney.

To prevent the legs of furniture from tearing the carpet, a pad has been designed, consisting of a spindle to be inserted in the end of the leg, with a headed portion formed at the lower end, the latter being covered by a cap of leather or rubber.

Commercial travelers will appreciate a new sample case designed for their uze, having extensible frames set inside the case to open in opposite directions, slides being carried by the frames to support a series of trays, which arrange themselves in steps when the

case is opened. To assist in laying out road beds evenly a westerner has patented a sodline marker which can be attached to one side of a hand car to cut the sod parallel to the rail, the cutter con-

AND SELECTED.

A Variety of Jokes, Gibes and Ironles, Original and Selected-Flotsam and Jetsam from the Tide of Humor-Witty Sayings.

The Minstrel and the Maid. He stood before the window; his breast was full of love. And this is what he warbled to the maid who slept above:

'Ah, must I say goodby, goodby? Is this to be the end-To meet in future and to greet Each other but as 'friend?'

And must I haste away, Nor come again to claim your heart-Your heart and hand some day? 'Ah, must I say goodby, goodby?

Ah, must I say goodby, goodby?

And wander far from you who are So dear, sweetheart, so dear? 'Ah, must I say goodby, goodby, Ere you have learned to know

And must I leave you here,

The secret that I long to tell, Dear heart, before I go?" He fell below her window-he sang

no more of love-Some brute had hurled a pitcher down from the flat above, S. E. Kiser in Chicago Times-Herald.

The Only Significance.



Percy-I dreamt last night that you and I were married! What is that a sign of?

Ethel-Why, that is a sign you were dreaming!-Puck.

A Collision.

Sam Sparks-Brudder, doan' yo' advise ebery member to walk in der narner paf?

Brudder Sassafras-Coase Ah do, boy; what ob it?

Sam Sparks-Nuffin', brudder; only Ah wonders what is gwine to happen when some ob our stout membahs meet on de narrer paf comin' from opposite directions.

A Cruel Joke.

Sandy Pikes-Billy, de wickedness of dis world is appalin', Billy Coalgate-What's de matter, now, pard?

Sandy Pikes-Why, I went over an' asked dat lady fer a quarter to get mehair trimmed. Billy Coalgate-What did she say?

Sandy Pikes-Asked me if I'd have it trimmed wid ribbon or lace,

None from Him.

"My friend," said the caller, "on behalf of our society I am soliciting 25cent subscriptions to enable us to wage war on the cigarette evil, and I felt sure we could rely on you in the battle to the death."

"Yes, I'll give no quarter," replied the business man, promptly, "Good day, sir."-Philadelphia Record.

Such a Shock.

"You can't imagine how shocked I was to discover that my caddle smoked cigarettes!"

"The little rascal!"

"Yes, the Scotch almost invariably smoke a pipe, you know."-Detroit Journal.

His Description.

From Judge: Mrs. Hoon-How did the defaulting cashier of the Pettyville bank look? Hoon-I never saw him, but he is described as being 6 feet tall and

\$12,000 short. Tactless.

May-Isn't it a perfect duck of a bathing suit? Clara-Yes; it never seems to get

A Questionable Height.

LUIIIII noos S OPERA HOUSE. Ing. NOV. 20 IS TO LAUGH."

Little Eli-How tall is I, ma? Mother-About four feet. Little Eli-Yo feet, er mine?

had the rings on it.

Love and Thrift. From the Chicago Tribune: "I have come, Rachel," he said, tenderly, "to ask you for this little hand. Not that one-this one." And he reached for the one that

Breaking It Genity. He-Let's get engaged. She-Very well, but who will you get engaged to?-New York World.