The Beers-Home - Magazine - Page

Protective Coloration in the War

By GARRETT P. SERVESS.

A striking instance of the application of scientific knowledge to the purposes of war is the color of the German service uniform, a kind of invisible gray-yellowgreen, which blends with the prevailing hue of a landscape,

so that bodies of troops become, as it were, conceafed in a chromatic

Naturalists have long been famaliar with "protective coloration," which is found among many species of insects and other animals, and it is rather surprising that this principle. which actence de-



clares to be a result of evolutionary adaptations, has not sooner been er in the apparelling of armies. Khaki uniforms, which have been widely adopted since the Boar war, represent a first step toward the development of a scientific military investment!

But according to the descriptions that have come from the seat of war in Belgium, the new German soldier's dress is an effective advance upon this.

Evidently a dress that tends to conceal the movements of troops is almost as important as smokeless powder, which keeps the secret of the location of guns. and its importance is accentuated by the increased distance at which armies now fight one another. Troops dressed in dark or flaming colors can be seen afar off, but the modern scientific uniform possesses something of the concealing power of the chromatic patterns with which leopards, tigers and zebras are

Those who have never seen these animals amid their natural surroundings can form no clear idea of the blinding effects produced by protective coloration. Hunters in Africa have told almost incredible stories of herds of zebras standing in plain sight of the observer, and yet actually invisible tohim, until a sudden alarm sent them away in a wild scamper. Their color and their markings are wonderfully accordant with the yellowish hues, and the barrings of black shadow that characterize the landscapes amid which they live.

It would seem a natural suggestion that this principle should have an important application to military aeroplanes and dirigibles. Contrary to what might at first sight be deemed probable, it is likely that white, or pale gray, rather than blue, would be the most effective color for an aerial craft which was to be rendered as inconspicuous as possible.

In the earlier days of warfare armies generally wore uniforms calculated to make them terrifying, rather than invisible, to their enemies, but the time of the "pugnacious red" has passed, and now nature's method, which tends to utilize the principle of optical deception and illusion for both attackers and defenders, is being followed. In our day the Assyrian wolf no longer comes down upon the fold, with "his cohorts all blazing in purple and gold," but he steals along like the tawny lion in the tawny desert, while his dusty-hued prey slips off, concealed against the background of

These things may have a determining influence in disgusting mankind with war Mars in the guise of a chameleon loses all his romantic attraction, and shows portion as they are more brutally prac- their strongth. Ever since the world be-

Probable Cause.

A minister was invited one afternoon to go for a motor car ride with one of his friends. The minister, who enjoyed all outdoor sports, was very enthusinatic over motoring, so he was allowed to drive the car. While speeding along, however, he was stopped by a policeman, and later received a summons to the police court to answer a charge of driving at excessive speed.

Well," said the magistrate, after lis-

"No," said the clergyman. "No, I can't think of anythins—unless it is that I married him four years ago!"

Baby of Future is Considered



Much thought has been given in late years to the subject of maternity. In the cities there are maternity hospitals equipped with modern methods. But most women prefer their own homes and in the towns and villages must prefer them. And since this is true we know from the great many splendid letters written on the subject that our "Mother's written on the subject that our "Mother's Friend" is a great help to expectant mothers. They write of the wonderful relief, how it seemed to allow the muscles to expand without undue strain and what a splendid influence it was on the nervous system. Such helps as "Mother's Friend" and the broader knowledge of them should have a helpful influence upon babies of the future. Science ways that an infant derives its influence upon bables of the luture. Science says that an infant derives its sense and builds its character from cutaneous impressions. And a tranquil mother certainly will transmit a more healthful influence than if she is extremely nervous from undue pain. This tremely nervous from undue pain. This is what a host of women believe who used "Mother's Friend."

There points are more thoroughly explained in a little book mailed free.

"Mother's Friend is sold in all drug
stores. Write for book. Briddled Regula-tor Co., 411 Lamar Bids., Atlanta, Ga.

If Lover's Praise Were True



His Sweetheart-This According to His Poetry Would Look Like the Vision to the Right.

By NELL BRINKLEY

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to white daisies growing there, and long before, since old song of Robert Herrick's, wherein he sang thus: Adam perhaps told Eve that the glimmer of her eyes was the light in a forest pool, lovers have searched frantically for the gems and the colors and the fabrics and the flowers of the earth to be humbly likened to the wonders that go to make up the women they have

Dan and I don't often make fun of Love. Because, made us giggle with the vision of what a maid would

Ever since Aucassin, love sick, sang tiny tender you see, that's our business, and our desk, if you please, rhymes to Nicolette and likened her feet in the grass is a solemn place where we thrash things out; but an

"Her lips are roses over-washed with dew: Or like the purple of Narcissus' flower Her cheeks are ripened lilles steeped in wine, Eyes that lighten and do shine, Cherry lips which did bespeak

Words that made all hearts to break."

really be if she had "hily hands," her hair was truly "a tangled skein of silk," her eyes "twin stars," her lips "a ruby red," her teeth a "string of pearss," her ears "pink shells," her neck 'a column white holding the wonder of her primrose cheeks aloft," her brows "two crescent moons."

Don't you reckon in the last small cranny of your heart that a lover would fly like a home-bound bird from the image of his sweetheart if she were all this? Here's where he's snap his fingers at a dream and clutch the plain reality! NELL BRINKLEY.

Who Shall Do the Courting?



BY BEATRICE FAIRFAX.

Ever since the world began men have himself up as a hideous monster, whose been going out on the warpath or to the doings become the more repulsive in pro- chase and bringing home the fruits of gan women have been sitting at home doing the weaving and the baking and the sewing and pinning and making themselves desirable so that men might want to lay the gifts of the chase and the spoils of war at their feet.

Has our country changed any of that? Decidedly yes in practice of living, decidedly no in practice of loving. We women go to the offices and the

factories and the stores and work side by tening to the evidence. "you say you were going at only fifteen miles an hour; but the officer declares you were traveling at forty. Now, I don't like to doubt the word of either of you. Can you think why he insists you were traveling at that rate of speed." Is there any grudge he veloped and human beings express themowes you." selves in new ways does not mean that human nature has changed. Human nature has grown along natural lines. Women have freedom in work and freedom in play. But men are still the hunters and conquerors, and they do not fancy seeing a woman come out in the open as a husband-seeker and mark down

the victim she chooses to hunt.

Every day I receive dozens of letters from girls .who want to know if they shall "insist" on their men friends calling a certain number of times a week. Every day some girl tells me she wrote three times to "John" and he did not answer, and then asks me what she shall do. Probably she should never have written the first letter.

To Add to Year Culture.

Dear Miss Fairfax: 1 am a girl of 1: and am very ambitious about becoming a well intormed person. I have often wondered how certain people I have known, often with no more education on a wide variety of topics.

I have net had the Aguar Culture. the victim she chooses to hunt.

written the first letter.

Here is a sed little example that is quite typical of one of the greatest missional set out to accomplish this.

C. B. C.

L. M. L. writes: "I am 19 years of age and am keeping company with a boy two help in a course of reading slong the years my senior. We have been together lines of history and literature. You might and I think if he loves me as he says he come up through the Medieval and Renais should come Saturdays and Sundays, too. sance to the history of modern times. He objects. Should I insist?"

like cases—don't insist. Don't dream of novels. The editorial pages of the papers insisting on anything a man does not and the better weeklies and monthlies choose freely and of his own will to do. No man likes to be forced to give the rent events. attentions and consideration that he reveals in offering-to the right woman-as

being sought by a girl so falling in at- If you are quite sure that you have not you have been wounded

sought her.

they get instead of having it handed to ing more evenings together. them. A man actually enjoys a certain amount of conflict in attaining his heart's as her right it ceases becoming a free desire. He likes lingering along the gift. The minute a girl talks of "rights pleasant path of courtship. So when a and insists on them a man feels chains girl struts out into the open and de- And chains gall men. They like the feel-

ing way as her supreme wish that she chained to chariot wheels. have more of his society that he has seen fit to give her, she antagonizes all his natural instincts. If instead of insisting that her friend

call three evenings a week when he has shown a desire to come but once, L. M. L. were to suggest sweetly and pleasantly able.

would be engaged and another evening But the main reason why women fall later in the week would do just as well, when they try to force the issue is that she would be far more likely to take on all men have a natural stubbornness that value in the man's eyes. Then perhaps makes them enjoy a struggle for what he would be the one to fficiate on spend-

The minute a girl insists on anything mands either in a businesslike way as ing of freedom; they like to be generous her right, or in a sent/mental and cling- bestowers of gifts and not captives

Never demand a man's sobjety. Malie yourself ap sweet and desirable that he will demand yours. Difficult you say? Perhaps. But in my

next article I will give you a few suggestions as to how to make yourself desig-

Advice to Lovelorn By BEATEICE PAIRPAX =

To Add to Your Culture.

Go to the public library and ask for

on Wednesday evenings since December begin with Greek and Roman history and Then read good poetry, biography and the My dear girl-and all my dear girls in drama-as well as a few of the standard will help you in your knowledge of our

Jeniousy Among Girls.

a free gift. If you are not the right woman you will only disgust or amuse or anger the man you are chasing when it is his masculine prerogative and privilege to do his own hunting.

The girl who is forward cheapens herself in man's eyes for two reasons. He feels that she has not the proper self-respect, and he thinks that she has not the natural charm that will cause men to seek her freely. He does not enjoy being sought by a girl so falling in at-

sert an old friend for a new one, you have nothing for which to apologize. It seems as if your friend had taken a to a cup of tea, filled to the brim, the tea ridiculous attitude of jealousy. However, does not overflow."-Charles T. Cawley, perhaps she is particularly sensitive and 26 East Seventeenth street, New York. you may have given some offense, so I A .- All liquids are porous. Fill a box should go to her and talk the matter with shot and there are spaces between

Let Him Go.

three years, until recently a girl has tea. But if the top of the cup is abso-come to our neighborhood whom he seems lutely dry the liquid may be piled up to amire very much. His attention is above the surface of the cup's edge. being given to her instead of me, and it Molecules of liquids cohere to each hurts my feelings. Of course, I know I think no strings on him, but think he other with a certain specific force for would be true to his promise as we have each kind. But if a surface is wetted by we are old enough to keep company when a liquid, the molecules of the liquid adhere we are old enough to keep company. Do you not think this girl is doing me an injustice, as she knows how I feel toward him? What shall I do to win his friendship and attention from this certain girl. And this is the explanation of some kinds of liquids being heaped up slightly. Seeking your advice as I am anxious to know what you think about me winning him back. HIJUE EYES.

golden with the sheer delight of living. The entire series of phenomena are based and you are very, very foolish to let a on spaces in between molecules. single jealous pang mar the happiness of your waking hours or disturb the sweetness of your slumber. The quickest way to awaken this silly boy to a sense of his can obligation to you is to show him what a 'I dunno," replied Farmer Corntossel, real treasure he has forfeited. You can in a low tone. "Mirandy an' the two girls obligation to you is to show him what a do this by paying no attention to him, are hangin out of the window, over the by shining your brightest at all times porch, tryin to hear what we're talkin and by enjoying yourself as if he had never existed. Whatever you do, you should not let him or the other girl know

Lifting Dead Weight By EDGAR LUCIEN LARKIN. By ANN LISLE.

Q.-"Can you exprain why it seems

easier to lift up a living body and earry sizing the wrong things in life. We think it some distance than to carry a small, that wealth, position, success, popularity compact 'dead' weight, such as iron and high dignities are the only things dumbbells? A person weighing 150 pounds that count. They are the things that appears lighter than a pair of dumb- count if they are honestly gained. They bells or sadirons weighing fifty or seven- are the things that count if they are atty-five pounds."-Ldly B. Fenigstein, tained without shameful bargainings and ing the action of dyes on different heads Sparrow's Nest, Mount Vernon.

vented imagined this thing, and told it to his next door man. He told it and so life is to be at peace with yourself. all among the ages and centuries. Pure If you win whatever measures of success hallucination, along with hundreds of others now injuring this modern scientific age.

If a person weighing 150 pounds appears lighter than anything weighing fifty or seventy-five pounds, it is simply because a distorted mind of some weak man imagined it, maybe 100,000 years ago. Same origin for all current myths.

Q .- (i) "If a certain amount of alcohol be added to a given quantity of water, the volume of the diquid decreases. (2) "If a spoonful of sugar be added

A box "full" of shot may be also filled to the tep with water. The word liquid in the question should have been pluralliquids.

Dear Miss Fairfax: I am a girl 17

Mix one pint of water and one pint of years of age and care for the friendship alcohol, but the mixture will not measure and company of a boy one year my junior. We have been close friends for two pints. Same fact with the sugar and junior. We have been close friends for the But if the top of the cup is absotea. But if the top of the cup is abso-

above the thin top of a cup or glass. Water will hold large volumes of gas without increasing in bulk, as in the Let him go. You are at that time case of that classic liquid, soda pop, and of life when every moment should be a certain noted liquor-champagne wine

> Arranging a Demonstration. suppose," said the candidate, "that I

depend on your support?" about. I want to support you, but you'll make it easier fer me if you'll sort o' get holier 'Votes fer women!' a few times."
Washington Star

Things That Count

Most of us have a sad way of emphasacrifices of love and honor and truth. A .- Somebody several thousands of They are the things that count if they years beforecany art of writing was in-can be won without losing peace of mind. The things that count most of all of

> stand and dishonest methods you will get happiness with your success.

> Dishonest dealing may be conceuled from all the world, but the heart knows its own wrong-doing has no permanent

A very wise Englishman has said that what makes life worth while is the measure of its "durable satisfactions." And the durable satisfactions- the joys and happinesses and successes that wear

well are the things that count. First of all, never do anything for which you will have to pay some day in terms

of regret and remores. Have you ever bought a pair of filmsy showy suppers "on cridit," and had the bill for them come in just about the time they were wore out? The flimsy, tinsel joys of life are like that-if they are not worse-they won't wear well, and you will have to pay just as you are ready to pass to something more worth white.

of life-the things that count. To do nothing that is unworthy of your own best self. So you will be at peace

and living. To do nothing that will shame the people who leve you. Se you will have the glowing astisfaction of making your dear ones proud of yeu.

meed of regard from your neighbors in have decided to always use canthrox,

To grow a little each day in atrength is so beautifying in its effect upon the and wisdom. So you will measure up to hair. I get it at any good drug store your own possibilities and will make a place for yourself in life.

who care for you. So you will come to be loyal and capable of deep afection, and even if now and then you are disappointed in your own self and will be worthy of

To give to your work and to your play an honest attention that will make you labor well after recreation, and frolic agitated as we walk toward the gate an' like a good comrade when your daily toll

the best when it comes to you.



Madame Ise bell's -Beauty Lesson-Her Problems of Middle Age

-Part II. There are many reasons, social, personal and business, why a woman may object to gray hair. No matter how young the face, gray hair in a woman always suggests age. This should not be so, and in t'me the world may be educated out of this idea, but common opinion today judges a woman's age by the gray in her hair much as it judges that of a horse by its teeth.

I see no reason why a woman should be blamed if she puts off this evil day by the skillful use of a proper bair dye applied by careful, experienced hands. In the previous lesson I dwelt on the difficulties of bleaching and dyeing blond hair and the unpleasant effects of doing this, but to treat brown or dark hair that is turning gray is a much simpler matter. It is not slways an easy matter, nor is it an inexpensive operation, but hair can be dyed without injury to the health and without betraying the fact to the world at large,

Hair dyes or "restorers," as they are often called, put up by reliable firms are composed largely of vegetable substances and are quite harmless. They are not difficult to apply, if the person using them has some experience and the hair has not been treated to any chemical beforehand. The hair should be thoroughly shampooed and dried so that it is free from oil and will take the dye evenly. The dyeing process will have to be repeated as often as the dye wears off or the hair grows out at the roots,

The question usually asked is, "Can I dye my hair exactly its natural color?" No, my friend, you cannot. Suppose you have a piece of green cloth with white lines in it and you wish to dye it so it will still be green, but the white lines will not show. You would be forced to dye it a darker or brighter shade of green in order to cover up the white, would you not? So it is with the hair; to cover up the white hair it must be dyed a shade deeper or brighter than is the hair that has not turned gray. The change, however, is not noticeable if the bair is treated when the gray or faded streaks

f'rst begin to show, The first change in brown or chestnut hall is a loss of the pretty red or light tints that make such hair attractive. At this period treating the hair to a wash of henna or henna with a little pero fie will restore this gleam and if the hair oes not turn gray rapidly. years it will look very pretty under this treatment. I have never known any dermatologist to claim henna to be the least harmful and the amount of peroxide used in this way is inconsiderable. However, if the hair turns gray rapidly a stronger preparation must be applied to cover up the white locks; if more henna is used the hair becomes more and more red and, if walnut or some other stain is added to this, the hair will eventually become

darker. So, as time goes on, the hair will

either be darker or redder than its nat-

ural color. Hair dyeing is so common in Europe that few gray haired women are seen until real old age is reached. The European hair dressers are experienced at this work and there are few complaints that it is not well done. Here, however, there seems to be so much uncertainty regardof hair that many beauty pariors refuse to guarantee results. A part of this trouble comes from the fact that the hair has been experimented with by the use of home-made preparations or a woman has flitted from one hair dresser to another without knowing what the last one has you can attain without resorting to under- applied to the hair. The proper way is to choose a good hair dresser who will keep a record of the case and what is used and go to no other.

There are the uncertainties of hair dyeing. I might also add this warning. There are few women who wish to dye the hair ferever. The times comes when we are not only willing but anxious for the softening effect of gray locks. Dyn will wear out of the hair in time, but hair once dyed never takes a very clean color. As years go on the hair grows out of the scalp very slowly, so the chances are that the woman who has dyed her hair during some years of her life will never have the beautiful white crown of

mme Sailell

IS YOUR HAIR RIGHT FOR THE NEW FALL STYLES?-By Lois

You will delight in arranging your with yourself, and will never shrink from hair in the new and interesting modes looking your own self in the face in the of this season if you are among those mirror of glass and in the mirror of life who keep their hair perfectly soft and appearing naturally heavy by use of a shampoo that makes it very fluffy. Do not take chances with some makeshift or unknown soap mixtures, I To so nothing that fair-minded people have tried many in search of the best, can scorn you for. So you will win a cheapest and easiest to use and finally which is made for shampooing only and and one package lasts so long that it is the most economical shampoo I can get To give honest regard to the people and my first trial convinced me that it was the most easily used. In clearing the scalp and hair of all dandruff, dirt and excess oil, its delicately perfumed lather gently permeates to the hair roots and not only takes loose dirt but dissolves all the oil accumulations so they are rinsed out instead of being rubbed and scoured out, as with soap and so many other cheap washes. My hair is now so fluffy that it seems much heavler than it is naturally,-Advertisement.