## POOR DOCUMENT

THE EVENING TIMES AND STAR, ST. JOHN, N. B., FRIDAY, NOVEMBER 18, 1921

BRING OUT THE

LIFE AND BEAUTY

OF YOUR HAIR

Do not be content with just ordinary hair when at a very small cost you can have beautiful hair.

# **S**CIENTISTS TO TEST

Experiments Expected to scientists solely for the purpose of ascertaining a bee's optical equipment.

A greater question lies behind. The Experiments Expected to on Natural Selection-Color said, involves the validity of the whole

the American museum of Natural His- Theory on "Selected" Flower tory; Dr. J. Arthur Harris, an entomologist of the Carnegie Institution, and Prof. F. K. Richtmyer and specialist in color vision. They form the Committee the Biological Relations between

### NOURISHMENT

is Nature's first aid to the body in times of

**Scott's Emulsion** 

unsurpassed in purity and goodness, is nourishment in a form that seldom fails. -ALSO MAKERS OF-

KI-MOIDS (Tablets or Granules)
FOR INDIGESTION

and what it cannot see. These years of elaborate experimentation have not been planned by the National Research

Blindness at Issue.

A series of delicate experiments will soon be started by three eminent American scientists to discover whether bees and other insects are color-blind or not. The scientists who are now busy inventing devices for testing the vision of bees are Dr. F. E. Lutz, a biologist of the American museum of Natural His-

the beautiful colors of the flowers were placed there by the Creator for the delight of man. The biologist has generally denied this, and argued that the colors are there because they attract the attention of bees. The visits of the bees result in carrying pollen from one flower to another, which fertilizes the seeds. Unless they receive the pollen the seeds no not grow.

The cumbrous phrase of natural settle whether a bee can tell one color lection" in this case is intended to defrom another, or whether the flowers which are gorgeous to human eyes have

The cumbrous phrase of natural selection" in this case is intended to describe a process probably millions of years old, under which the flowers which most attracted the bees by their colors or scent were polenated by greatest numbers, while those less attractive received fewer visits from the bees and tended to die off. In each generation the flowers which pleased the bees most would be "selected" parents would have offsprings, some brighter than themselves, some about the same as themselves, some about the same as themselves, and some less bright (that is, of course, bright from the standpoint of the bee, whose standards of brightness might differ greatly from ours). The action of the bees, tending to preserve the prettiest colors, would make each generation of flowers slightly lovelier than its predecessors, thus producing



BEAUTY OF THE SKIN

Hair that receives regular applications of Newbro's Herpicide has life and snap -- radiates health -- is soft, fluffy and abundant. You will be surprised and delighted with the results obtained from Herpicide,

"The bees were not attracted by the colors of your flowers," asserted Wrey to Plateau, "but you used startch to stiffen the petals and the bees lit on them to eat the startch."

"That is not so," replied Plateau. "Further than that, the bees would have been attracted by your flowers, except that you made the mistake of coloring them with aniline dye. The odor of the dyes offended the delicate sense of smell of the bees, and they were driven off on that account."

Two Germans, von Hess and von Frisch, who are investigating the subject, tentatively hold contrary conclusions. One of the Germans placed bits of paper of various colors in a room, placed drops of honey on the blue spots and let bees fly into the room. He did this for day after day to accustom the bees to obtaining their honey from a blue background. Then one day, he set out the colored spots without placing honey on any of them. The bees did not fly to the blue spots, as would have been expected if they could distinguish that color and associate it with the sweet flavor. Their behavior here indicated that they were guided by smell alone. One of the German scientists concluded that the bees took no note of color at all, while another held that many colors did not arrest the attention of bees, but that blue did seem to make some impression on them.



### Appetite Good, Gained 20 lbs. Could Not Feel Better

From a nervous wreck this man was restored to health, strength

and happiness.

restored by Dr. Chase's Medicines and after three months' use of Dr. Chase's Nerve Food and Kidney-Liver Pills I found that my bowels were restored to normal movement each day and the constipation was no more. I had a good appetite, had gained 20 pounds and could not feel better. I shall always be grateful for these benefits."

Dr. Chase's Nerve Food, 50c a box; Dr. Chase's Kidney-Liver Pills, 25c a box, all dealers or Edmanson, Bates & Co., Ltd.,

## SLOAN'S EASES PAIN RELIEVES THE ACHE

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Copy for the January Issue of the Telephone Directory will close on

## MONDAY, NOVEMBER 21

If you contemplate taking new service, or making changes in or additions to your present services or apparatus, you should make application at the Exchange Manager's Office at once in order that you may not be omitted from the New Directory.

No Changes or Corrections Can Be Made After

## November 21

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A collection of Tweed Overcoats and Ulsters. All sizes repre-

sented now. Note that the state of the stat

\$40 Finer Wool Canada Ulsters, with half belts, and belts all around; all sizes; new and distinctive styles at today's values, \$50 and \$60 labels.

Perhaps you'd like a de luxe Overcoat—the Crombie coats that sold at \$135 to \$150 two years ago. I can make you one to measure at \$75.

Suits \$25

Semi-ready
I include a sale of genuine Semi-ready
Tailored Suits, including the pure wool weaves, and can show you alluring bargains at \$25, \$30 and \$40.

During this Sale I will offer Men's Furnishings-including Shirts and Underwear at 20 per cent. off the plain marked price.

The Semi-ready Store 87 Charlotte Street Geo. T. Creary

Beauty Unsurpassed

search man.

Dr. F. E. Lutz has pointed out that there are many organic objects which please the taste of man and for which no biological origin could be named.

"For instance," 'he said, "there are types of snails whose shells are beautiful in the hidden interior. As for the beauty of flowers, it may be that they have colors simply as by-products of the physiology of plants. I would not say, however, that this was through 'chance."

Biologists have attempted to account for the coloring of many insects or ani-

'chance.'"

Biologists have attempted to account for the coloring of many insects or animals, as well as flowers, on the principle of "natúral selection." The plumage of birds and the colors of fishes aid in courtship, mating and the increase of the species. Zebras, giraffes and thousands of types of animals, birds and insects have camouflage or protective coloration which makes it difficult for their enemies to detect them at a distance. The curious coloring of the skunk is supposed to warn his enemies that he has developed a wicked art of self-defense, while at the same time his colors blend with the twilight, so that the skunk makes a natural part of the skyline to the mice and insects on which he preys. The light of the lady glow-worm is her matrimonial advertisement.

While evolution explains thousands of these things, it has many hard nuts to crack. One thing hard to explain, for instance, is the beauty of the pearl, which grows inside the body of the oyster. The pearl is really the mausoleum of a parasite which has invaded the shellfish and is elaborately inurned by it in lustroús calcium carbonate, slightly different from the material of which the oyster makes its shell.

Arranging for Experiments.

Arranging for Experiments.

Dr. Lutz and his associates spent two days in this city last week, outlining experiments to be suggested in a report to the National Research Council. These will include experiments as to the vision of the bee, was moth fly and other SLOAN'S EASES PAIN

RELIEVES THE ACHE

TORMENTING, agonizing rheumatic aches are quickly relieved by Sloan's Liniment. Apply it freely and enjoy a comforting sense of warmth. It penetrates without rubbing.

Good also for sciatica, lumbago, neuralgia, over-exerted muscles, stiff joints, external aches and pains, backaches, strains and sprains.

Don't let pain lay you up. Keep Sloan's Liniment handy and at the first sign of an ache or pain, use it, for it certainly does produce results.

At all druggists—35c, 70c, \$1.40.

Saloans Liniment Pain's enemy.

Liniment Canada.

Liniment Pain's enemy. on the flowers through a spectroscope and photographing it. While invisible to

the eye, the ultra-violet rays act energetically on the photographic plate. Other beams of light reflected by flowers will be projected on fluorescent substances like sulphate of quinine, which glow when the invisible rays fall on the work of her department. Letters were read from the Chapleau Indian school, to which school this branch sends an outfit, also extracts them.

The wonderfully refined, pearly which and complete better the substance of youth. Robert has been and southing action. Over 75 years in use.

Send 15 c. for Trial Size

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The principal attack on the theory of the development of certain organs and members which apparently had to undergo ages of development before they became useful. Natural selection, it is arrefater which refreshments were served and a social half hour spent.

Since the complete of the scientist wants to know what they are there for. The religious explanation that they are there to cause the mortal being of man to rejoice, if not rejected by the biologist, is usually held in abcyance by him, while he searches for some explanation more susceptible of exact proof. Sir Oliver Lodge and many other scientists held that the beauties of Nature were designed, regardless of the maner in which they are many other scientists held that the beauties of Nature were designed, regardless of the maner in which they are many other scientists held that the beauties of Nature were designed, regardless of the maner in which they are many other scientists held that the beauties of Nature were designed, regardless of the maner in which they are many other scientists held that the beauties of Nature were designed, regardless of the maner in which they are many other scientists held that the beauties of Nature were designed, regardless of the maner in which they are many other scientists held that the beauties of Nature were designed, regardless of the maner in which they are many other scientists held that the beauties of Nature were designed, regardless of the maner in which they are many other scientists held that the beauties of Nature were designed, regardless of the maner in which they are many other scientists held that the beauties of Nature were designed, regardless of the ma

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On any of the styles mentioned below, we will properly fit ABSOLUTELY FREE OF CHARGE a pair of best grade

Men's Black Kid Lace Boot, Recede Toe, Goodyear Welt; Men's Brown Kid Lace Boot, Recede Toe, Goodyear Welt—

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