

The SNAPSHOT GUILD

THE "WHY" OF LENS STOPS



Two pictures, of the same subject and setting; one made with the lens wide open and the other with the lens drastically "stopped down." Note that there is no detail at all in the background of the snap made with wide open lens, while the other shows the distant bridge very well. If it's detail you want, cut down the lens opening!

Practically all cameras, with the exception of a few extremely simple models, have some means of varying the amount of light passing through the lens. Why?

Well, why do you tend to squint in bright sunlight? Simply because there is so much light in the open sun that, unless you squint, your eyes cannot distinguish details; in the dark your eyes distend in order to take advantage of every available ray of light.

Cameras and eyes are much alike. Unless you control the amount of light entering the camera lens, you will almost certainly overexpose shots made in bright daylight and underexpose when the light is low.

Get out your camera and look at its lens. If yours is a simple box camera, you will find that the lens opening, or diaphragm, has two possible settings, one for average shots and one for use when the light is very brilliant. In certain other cameras diaphragm settings are arbitrarily numbered from 1 to 4, giving you that many opportunities to adapt your snapshotting to light conditions.

The best known system of diaphragm control is the "f" system, used on more advanced cameras. In this system "f" represents the ratio between the lens opening and the distance from the lens to the film. When some one says that he took a picture at f.11, he means that his lens was adjusted so that its opening was 1/11th of the lens-to-film dis-

Pluck Eyebrows Without Injury

(Canadian Press) LONDON, Oct. 12—A good word has been said for eye "makeup" by Dr. Marcell Shaw, chief clinician, assistant and senior registrar of the ophthalmic department of Guy's hospital. "I am often asked," he said, "by my women patients whether eye cosmetics are harmful. The beauty of a woman's eyes may be enhanced by the aid of cosmetics. No medical reason exists for discouraging their use. Very often women ask me: 'May I pluck my eyebrows?' and I tell them to pluck their eyebrows as much as they like."

"The habit of putting belladonna into the eyes is pernicious. Women sometimes put this stuff into their eyes to make them big and beautiful. If the habit is persisted in it may have a very bad effect on the muscles of the eyes."

POULTRY

We are buying dressed fowl and chicken daily. PLEASE NOTE: They may be dressed by scalding. We do not buy on a graded basis unless desired by shipper. Ship by truck or express. All shipments remitted for daily.

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A Few Questions

Everyone should know the answers to these questions—Are my eyes really efficient? Are they normal or near? Are they strained? What error or errors of vision have I? Do I overwork my eyes? Do I give them the care their importance demands? Should I have them examined and receive the aid they may be found to need.

G. F. HUTCHESON OPTOMETRIST

TIMELY NOTES ON TOPICS CONNECTED WITH Silver Fox Farming

(Continued from Page 11)

put in apple pie order for their reception. All the sheds where the pups are have been thoroughly sprayed with Ial solution and plenty of good fresh straw put in each compartment. The breeding houses in the pens have all been cleaned out and sprayed with Ial solution and fresh straw put in them when dry.

By the way, nights are getting pretty cold and we found that the sheds were very drafty so it occurred to us that it would be better to close one side. We do not know whether there is anything in it or not, but as soon as the cold spell came on some of the pups started to bite their tails. Personally we do not like being in drafts and maybe foxes feel the same way about it. Anyhow think it over, follow rancher, and use your own head as to what is the best to do. This column does not exist for the purpose of telling you what to do but just as a friendly place where we can air our problems.

Peter G. Clark, President of the Prince Edward Island Fur Pool, Ltd., Summerside, asked for information regarding London fur auctions. Familiarize yourself with the various openings ("lens stops," if you want to be technical about it). Many cameras have built-in exposure guides which indicate the proper opening for various light conditions. But you will almost automatically set your lens properly if you let your eyes be your guide. If you find yourself squinting, stop the lens down. If your eyes open wide, without a sensation of glare, use a larger stop.

Stopping down a lens has another consequence. It increases the sharpness of the image and deepens the field of focus. But, you say, how can I do this if the light isn't very bright? Simply by increasing the time of the exposure.

It is the canny juggling of lens openings and exposure times that marks the experienced snapshotter. But don't let it bother you, if it seems a little confusing. Set your camera at about f.8 and 1/25th- and blaze away. Chances are you'll get the picture, and that is the important thing. If you're using modern film, it will automatically take care of a lot of variation from scientific accuracy in exposure. Happy hunting!

JOHN VAN GUILDER

assassination of King Alexander of Yugoslavia on the opening day of the sale could not help but be a very disturbing factor, as it would have a bad reaction in France, Italy and Austria and other countries—all good buyers of silver fox pelts. They are hopeful, that with a more normal trend of affairs in Europe and the fact that furs will be quite fashionable during the coming season, the silver fox industry will be in for a reasonably prosperous continuance.

McLure & MacKinnon who had 39 pelts left over from last March on the above sale, received a cable from Hudson's Bay Company stating these had been sold and that the average decline was 7 1-2 per cent. These skins were not of a high quality.

Latest From The Auctions

Yesterday afternoon at five o'clock Mr. George Callbeck, President Canadian National Silver Fox Breeders' Association received the following cables from London: From Frederick Huth & Company, full and three quarter silvers best clear skins unchanged, rustly declined ten to fifteen per cent. Highest clear skin firm, rusty declined fifteen to twenty per cent. One-quarter silver advanced ten per cent. Black and slight silver declined five to ten per cent. Anning & Cobb report an average decline of seven and one-half per cent.

Lampsons start selling this (Friday) afternoon.

President Callbeck wishes to inform intending exhibitors who desire early return to communicate with Head Office, Summerside at once, and every effort will be made to accede to their wishes.

The following resolution passed at a meeting of the Directors of the Canadian National Silver Fox Breeders' Association held at Summerside, Prince Edward Island, on Thursday, September 20, 1934, a motion was made by Director Dr. A. A. Lockhart, seconded by Director Major A. S. Robertson and carried by 14 yeas, 1 nay, the permission of the Minister of Agriculture for Canada, through the Live Stock Commission, be requested authorizing the recording of the 1934 puppies at the rate of 75 cents each, instead of \$1.00 each, as required by Article 2 of the Constitution, and that transfer of ownership of 1934 puppies be at the rate of \$1.00 instead of \$1.50 each as required by Article 31 of the Constitution, that the endorsement of this action by the Directors be sought from the members in annual session in 1935 and further that this regulation be effective until March 31st, 1935.

The above motion accompanied by a certificate of its accordance with the Minutes of the Directors' Meeting held in Summerside on September 20th was forwarded to Live Stock Commission, Ottawa, and approval of the amendment to the Constitution as adopted by the Directors at the above meeting was given by the Deputy Minister of Agriculture on October 2nd, 1934.

This is a measure which we trust will be endorsed by the members at our next General Annual Meeting. It will be much appreciated by the ranchers, coming as it does at a time when we have not fully recovered from a period of financial stress.

The handling of the torch. However, with a little practice, satisfactory results can be obtained without any risk of setting the building on fire. So great is the value of this torching practice in the destruction of all diseases, bacteria and parasites that we do not consider house cleaning complete until it has been effected. The permanent cyst of oocidiosis, which will withstand almost all known forms of disinfection and which will live and even grow in sulphuric acid, is destroyed by drying. Hen houses treated with the flame have been known to go through an entire season without a sign of "red" or kindred mites.

After torching, the house should be sprayed with a 10 per cent creosote solution, and allowed to dry out thoroughly. All removable fittings should be thoroughly cleaned, torched and sprayed before being replaced in the building.

We will do well at this stage to review the ground covered so far. Since chicks have been purchased at the right time of year from a reliable hatchery. They have been reared under suitable conditions of housing, feeding and sanitation. They have been developed on suitable range with ample and correct feeding. Mature pullets have been properly prepared, and carefully moved into clean, dry, well-ventilated laying houses. They have been fed correct laying rations of dry mash, grain, green foods, grit, shell and pure water. They have been protected from the ill effects of moisture and drought, and have been kept free from all harmful parasites, internal and external. Surely then we are justified in dealing harshly with any non-layers.

(To Be Continued) AGRICULTURIST

Poultry Husbandry

(Continued from Page 11)

Treatment should be repeated every two or three days until a cure is effected.

A third mite causes a kind of scabs in fowl, which in turn causes the feathers to break off at the surface of the skin. This disease is commonly seen in spring and summer, and is characterized by the dropping of feathers from various parts of the body. The mites yield easily to treatment, which should consist in the application to the effected parts of the ointment recommended above for scaly leg.

Hen fleas, which do not usually occur under sanitary conditions should be dealt with in the manner outlined for "red mites."

When young stock is being put into new buildings no anxiety need be felt with regard to the various injurious parasites discussed above, but when pullets come in from the range to occupy quarters recently vacated by one or two year old birds, the house must be given the most thorough cleaning and disinfection possible. This is often spoken of as "fall cleaning."

The first thing to do after all stock has been removed is to strip the building of all roosts, dropping boards, mash hoppers, etc., and then clean out litter and nest straw. The straw loft will be empty, as this straw will have been used as litter during the summer months. Sweep down all walls and partitions, taking care to remove every scrap of dust and dirt from the corners. Obtain a blow torch of the type designed for this work and go over every inch of the interior of the building with the flame. Naturally, great care must be taken in

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PROGRAM

- Monday, November 5th, Placing Foxes in Main Building and Classification.
- Tuesday, Wednesday, Thursday, Judging Foxes by George A. Callbeck, Esq., President Canadian National Silver Fox Breeders' Association.
- Friday up until twelve noon, awarding of Championships and Herd Prizes.
- Friday afternoon 2.30, Presentation of Cups and Trophies by His Honour Lieut.-Governor George D. DeBlois.
- Wednesday evening, November 7th, Grand Banquet Canadian National Hotel. Guests limited to 140. Five minute addresses by prominent men and officials of the Association. Lots of fun between the eats and speeches.
- Last year's dinner was voted by all as the most enjoyable function of the season. This one will be equally as good.

MR. FOX BREEDER —

This is your opportunity to secure a niche in the Hall of Fame. Many breeders won prizes at last year's show who could have been winning at other shows. Perhaps you have just as good foxes or better than the prize winners.

Come and see how you fit in with the Island's Best. Write for Prize List which explains every detail in connection with the Show. F. G. KENNEDY, President. W. R. SHAW, Secretary.

THE SILVER FOX EXHIBITORS ASSOCIATION OF PRINCE EDWARD ISLAND

NEWSY NOTES

(Continued from Page 11)

fields and picking out the bluest aster there, planted it in the garden. This fall, cordifolius was a cloud of blue-gray flowers borne on stout stems about two feet high. The other had nearly a dozen flowers of a deep violet-blue, and I look for it to become a larger clump next season. This year I have collected a good white, another deep blue, and a kind of pink, and have planted them side by side in the garden. Our native asters, well selected, are an ornament to any place, and bloom at a time when most other perennials are beginning to look shabby.

MR. TUFT'S LECTURES

A letter from Georgetown reads: "Dear Sir, until our September meeting after a summer of inaction, I did not realize that our Institute had neglected to thank you for your efforts in having Mr. Tuft's lecture here. You will think we are very ungrateful, though such is not the case. We all found the program instructive and entertaining. The school children were very enthusiastic, the boys in particular were keenly interested in the Island birds—a few knew the names of most of the birds shown on the screen and all look forward to a return of Mr. Tuft's next Spring. Thanking you on behalf of the Georgetown Women's Institute, for making possible Mr. Tuft's lecture here, and hoping for a return visit, I am, sincerely, Isabel MacPhee, Pres. W.L."

While the selection of places for these lectures rests with a Committee of the Jack Miner League of P. E. Island, I will endeavor to persuade them to grant my correspondent's request. Meanwhile I am glad to hear that the good people of Georgetown appreciate Mr. Tuft's efforts to instill a love of bird lore into the minds of the young folk.

ODDS AND ENDS

High Bush Cranberry: I have had a branch of this plant (Viburnum opulus L.) laden with bright scarlet berries, brought in for naming. It was found at Robinson's Island, near Rustico, growing on the Italian grounds. The plant is rather scarce locally, but more plentiful, I think, in Prince County. The Viburnums have a single flat stone in the berries.

Recurrent Bad Weather—July 7th of this year was signalled by an electric storm here and St. Stephen, N.B. had a half-hour hurricane that did much damage. Aug. 5th, we had an electric storm with 1.25 inches of rain. Sept. 5th, we had a slight rain, and a half-gale; there was a typhoon on the Luzon Island (Philippines) for two days, when 6.17 inches of rain fell in 24 hours. Oct. 4th, strong wind and squalls here, great storm on the Atlantic. Thus, the first week of each month had a bad streak in it. Was it merely a coincidence that the moon was near the planets Mars and Venus at these times? Baster—Do you notice what a breeze we have given to the word "baster"? We have associated it with close bargaining or "basting down the price." As a matter of

fact it has nothing to do with prices, as may be seen on reference to the dictionary; the word we intend to use is "haggling" or "bargaining"; that is, cheapening. Basting is really "making fun of," a humorous kind of rally.

Effect of Drought: The drying-up of our ponds and streams this year and last, is going to reduce the numbers of their denizens. The frogs, which lay their eggs in water, must have had a very poor "hatch" when the pools dried out; their muscle has been feeble this year. Our creek has been dry for a long time, and we have not been troubled with mosquitoes; not quite so good for the swallows which depend on these insects. The culvert on the road had a pool, the home of many water-moles (which I take to be Lemmings); it has been dry for weeks, and there is no sign of the snails. On the other hand, we may look for an increase in the number of snakes, since these reptiles delight in arid regions. The large fleshy fungi, including the mushrooms, are scarcely to be found.

South Heat Bad For Appendixes

(Canadian Press) BALTIMORE, Md., Oct. 12—Dr. Clarence Mills of Cincinnati, Ohio declares the warm weather of the southland is terrible for appendicitis owing to heat and dampness, reducing the rate of metabolism and lessening ability to fight infections. The rate of appendicitis fatality is almost three times as high in the north. The Baltimore Sun says of this: "This may, of course, be due to Argentina, and Chile.

the fact that twice as many people eat beaten biscuit in the South as in the North, but where the North takes it on the chin—the chest bones Generalissimo and respiratory infections. Also Dr. Mills finds "mental breakdowns resulting from the excessive storminess in our Northern States. The 'old complaint,' this weather is driving me nuts," has, therefore, a firm scientific foundation. "Dr. Mills hopes that hospitals will have air conditioning some time so that appendicitis patients in the South and bronchitis sufferers in the North may be protected from their environment. He looks forward to the time when hospitals will be able to prescribe any type of artificial climate a physician might desire for any particular purpose."

"Now, why don't you hop on an ambulance and take a month off in the Riviera? One of the Sew-ille General Hospital's physicians will ask their patient patients, and later, when the treatment begins to take, nurse will come in and say, 'now we're going to roll you right down the corridor to Sew-ille. Doctor says you need a more 'tracing climate.'"

Complaining that the post was too difficult to hold, three mayors of the city of Calera, in Chile, have resigned. Today the office is held by Senora Lily Wallace de Duns. She is 28 years old and daughter of English parents. Marriage is becoming more popular throughout the world, according to statistics compiled by the League of Nations. An almost universal increase of marriages in 1933 was reported, especially in Germany, France, Italy, Great Britain, and Chile.

Timothy Seed

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