

FOR FARMERS, STOCK BREEDERS AND GARDENERS

NEWSY NOTES

BY AGRICOLA

Raleigh and the Potato
If we believe the historians, the introduction of tobacco and the potato into Britain dates from the return of Sir Walter Raleigh's expedition from that region which he had named Virginia, in 1584.

omus umbellatus of Linnaeus; a sturdy, tall, marsh herb with leaves about three feet long, and a long stalk, standing well above the level of the water, surmounted by an umbel of six-petaled, rose-red flowers. The leaves are rush-like, and three-angled. Like many more of our wild plants, this has been introduced, and purposefully, I think, for its beauty; and as it is not mentioned in either Gray's or Britton's Manuals, it may be that our naturalized Botomus is the only one in Canada!

"Water-gardening" is beginning to take hold in Canada generally, and to some extent in P. E. Island. The Flowering Rush and its near relative, the Arrow-head, tend themselves gracefully to this kind of gardening.

In the meantime this record goes down as supplementary to "The Flowering Plants and Ferns of P. E. Island" which was published by the Royal Canadian Institute in 1933. This is the tenth addition to the list therein given.

A slight misconception appears to have arisen as to the purpose and value of this pamphlet. ("The Flowering Plants of P. E. I.") It aims solely to provide an authoritative list of the members of our flora, and does not compete with the descriptive manuals, of which we have excellent examples in the works of Gray and Britton.

Such lists are not confined to the floral world. The writer has an interesting list of all the species of insects, of every Order, found in the environs of Charlottetown. This was printed by the Institute about 30 years ago.

In this list our "Spittle" insects, a short account of which was given in last week's Notes, are scientifically given as Aphrophora parallela, and A. quadronotata; both named by the celebrated entomologist Say. A specimen, examined as it was, emerging from the "spittle" was easily identified as quadronotata, from the four spots on its snout.

Earthquake in Japan
In The Guardian of July 13, a short article, headed "Predicted 'Quake' One Reuben Greenspan, 'student of seismic disturbances,' wrote the newspapers predicting an earthquake on July 11th, north-east from Australia. Sure enough a quake shook the district south-west of Tokyo, Japan, and killed 24 persons, injuring 88 others.

"Greenspan," goes on the article, "has a theory that earth tremors are due to celestial conspiracy; he thinks the moon and other planetary bodies come into a certain relationship to exercise their combination of gravitational pulls on the surface of the earth."

Long ago we used to be taught that the visible stars were divided into six "magnitudes" or classes of brightness. In the whole of the heavens, said our teachers, there are twenty stars of the first magnitude, and the most Sirius shines brightest. "It was not possible with the naked eye to make finer distinctions," says our book. But with the invention and improvement of photometric instruments, the gradations of light are expressed fractionally, and the twenty brightest stars range from Sirius magnitude minus 1.4, through Capella mag. 0-1 to Deneb, 1-4. A complete table of first magnitude stars is given on page 254.

World Demand For Lamb

With reference to the increased consumption of lamb in Canada, it is interesting to note that it is difficult to gauge the world consumption of lamb and mutton, owing to the absence of official data in several countries. Also, in practically all producing countries many sheep, of which no record is available, are used for home consumption on the farm. New Zealand on an average in recent years has held first place as a consumer of lamb and mutton but her demand fluctuates widely from year to year.

Canada, like Australia, is increasing her demand for lamb, which in 1933 was 50 per cent higher than in 1928. Great Britain's consumption has risen from 20 pounds per head in 1928 to 33 pounds in 1933. In that year also there was an increased consumption in Argentina, following reduced exports, due in a great measure to quota and tariff restrictions imposed by the chief European consuming countries, and also to the reduction of imports by the United Kingdom in consonance with the Ottawa Agreements. As to the country with the largest number of sheep, Australia is in the leading position, taking the place of the Soviet Union which until 1930 had the largest flocks of sheep in the world. From necessity, these flocks have been reduced by nearly two-thirds.

repeated, relatively unimportant strains upon some of the geological faults which are well-known as "earthquake breeders." The extra combined gravitational pull tips the scale so to speak.

Prophecy in such matters does not commend itself to the present generation. If, to vary the simile, gravitation pulls the trigger, no explosion will follow unless the gun is primed; and how is one to know when the conditions are favorable for the seismic outbreak? The moon Jupiter was only three and one-half degrees apart on the night of July 13th, but no earthquake was recorded. On June 14th, however, we had a severe electrical storm with heavy rainfall; and in certain districts hail whirled the ground.

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TIMELY NOTES ON TOPICS CONNECTED WITH Silver Fox Farming



The British Fur Trade are taking a great interest in the fur fashion Mannequin Parades to be held at the Dorchester Hotel, Park Lane, London, in early September. Manufacturers are greatly encouraged by the support which the retailers are giving to the proposed show. The Parades will be sponsored by the National Fur Week Council. These parades arouse a great deal of interest among traders and the public and a lot of publicity appears in trade papers and the general press.

Says the London, England, Fur Record, (copy obtained through the kindness of Leo Frank) "Every winter points to a very good Autumn-Winter fur season. Our potential customers in this country are becoming better off and the nation's exports have mounted over eight millions in five months."

Rosenberger Lohmann, Ltd., of London, England, are making a specialty of mink blending and have the reputation of turning out a very fine product. Their progress in the mink trade is marvelous. With a dark bluish color and has the advantage in that the skins will ever turn red or any other color except perhaps revert to the original shade.

The Fur Record referring to London Silver Fox sales says: "Wherever one goes the sustaining popularity of Silver Fox is obvious. It is one of the most popular furs in the world. Many of the customers were from Canada, New Zealand, Australia and the United States, over taking in the Jubilee festivities which are still continuing."

A query propounded in the same magazine is—what is your remedy for tail chewing? The answer is "do not allow the fox to chew his tail, when necessary, only at the base. Catching foxes by the tail injures the bone sections and causes irritation. The remedy for tail chewing is to recommend carbon-tetrachloride mixed with olive oil." In other words the usual earmitole solution.

Our experience with tail chewing is that it usually occurs when the stomach gets hot. Feeding fat foods will do it and excessive quantities of fresh bone in which there is a considerable amount of marrow. Then again if there is a deficiency of salt or minerals in the diet tail biting may occur. For that reason we think feeding a small amount of kelp meal with the diet or if that is not available, salt is necessary.

Clifford Rogers, Summerside, President of the Silver Fox Exhibitors Association, was a visitor to Charlottetown on Monday and Tuesday and visited several fox farms. Clifford enlisted early in the Great War and had a most creditable record. He is a thorough foxman, understanding every detail in connection with it.

SUGGESTS \$8.64 GIRL'S MINIMUM
(Canadian Press) NEW YORK, July 19—Minimum weekly wages ranging from \$8.64 to \$14.40 for women and minors working in hotels and eating places throughout the state were recommended by the Hotel and Restaurant Wage Board in a report on the subject to Eimer F. Andrews, State Industrial Commissioner. The report affects more than 60,000 women and children employed in the hotels and restaurants of the state and has no application to male employees.

London and Paris merchants were most active in buying well distributed, and purchases were made for accounts in many European countries. Advances ranged from nothing to 20%.

Half silvers averaged 82, 06, 8d. Three-quarter silvers averaged 82, 15, 9d. Full silvers averaged 82, 88, 10d. Quarter silvers averaged 82, 17s, 2d. Blacks averaged 82, 98, 6d.

In dosing pick out the early morning hours before the day gets too hot. If foxes are chased around on a hot day or very much excited, there is quite a chance of casualties. The nervous system of a fox is quite delicate and prostration and even death often follows an emotional disturbance.

Debenhams in London is a famous retail fur house. We note that they are having an excellent sale for Silver Fox capes. White foxes are in good demand, also mink and the white and dyed ermine made up in capes and coats. Chinese and Indian lamb are doing fairly well having taken the place of American broadtail.

G. A. Nicholas who has one of the most popular fur emporiums in the great city of London, recently displayed a fine window of Silver Foxes and made many sales. Cases also occur the silver foxes are in demand. Many of the customers were from Canada, New Zealand, Australia and the United States, over taking in the Jubilee festivities which are still continuing.

A writer in the Black Fox Magazine recommends sack-cloth—which we presume means salt or potato bags out in two—as an excellent shade to be placed over pens any time after September has to prevent Silver Foxes from being browned by the sun's rays.

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Harvest Methods Compared

A comparison of various harvesting methods in respect to moisture content and grade of the grain has been carried out jointly in the chemical laboratories of the Universities of Manitoba, Saskatchewan and Alberta under the direction of the Associate Committee on Grain Research. The members of this committee are officials of the Dominion and Provincial Departments of Agriculture, the National Research Council, Agricultural Colleges and other organizations. In this moisture and grade survey it was found that in various harvesting methods in parts of Manitoba and Saskatchewan in 1933 straight-combined wheat showed a much greater percentage of tough and damp samples than either stock-threshed or swath-combined samples. Of 246 straight-combined samples 18 per cent were tough and seven per cent damp. Of 212 stock-threshed samples, 10 per cent were tough and none damp, and of 184 swath-combined, 5 per cent were tough and 0.5 per cent damp. With regard to the average grade of common wheat threshed by the various methods, there was a marked lowering of the grade between the early and late season samples, and in view of the conflicting results for two consecutive seasons, no definite conclusion can be drawn. As to durum wheat, result of the survey point firmly to the conclusion that stock-threshing is the best method for this class of wheat in Manitoba.

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"I often think it's comic contrive That every boy and every gal That's born into the world alive Is either a little Liberal Or else a little Conservative!"

I have been reading "In the Steps of The Master," by H. V. Morton, and that absorbing account of a journey through the Palestine of today, has a quotation from Dr. Moffat's version of the Scriptures, which might well call forth the attention of the hand of this Note. In the "Song of Songs" (Chap. 2) the beloved of Solomon declares "I am the rose of Sharon and the lily of the valleys." The idea is doubtless one of humility; and in the Moffat translation it appears as "I am only a blossom of the plain, a mere lily of the dale." This, says Morton, may be more accurate, but it lacks the authentic beauty of the Authorized Version. "It is strange that in the old version you can actually smell the flowers, but in the new

Cooling Eggs and Producing Broilers Farm Products

On the average farm, it is no simple matter to get eggs down to a temperature where they will not deteriorate. If the farm is provided with a good, cool, reasonably dry cellar, the problem is not so very difficult. It merely requires a bit more work than is necessary during the winter or spring. If the yolks are to be kept from softening or flattening out, a temperature of less than 68 degrees must be maintained. Eggs should be gathered two or three times every day during the hot weather and placed in the cellar in the coolest part. It is best not to place them in cartons or cases immediately if it can be avoided. The ideal container for cooling eggs is a wire tray. A wire basket is the next best, and perhaps the most practical—such as a wire washtub per container. They should have balls and be strong enough so that they can be used for gathering the eggs, thus saving one handling.

A Simple Plan
The producer of eggs will go a long way toward giving the producer man the best possible product if he will gather the eggs frequently, put them immediately in the coolest possible place, in a container which allows circulation of air, and leave them for twelve hours before putting them in cartons or cases. Check every nest late at night, so that no eggs will be overlooked.

The University of Missouri has done some interesting test work with the rate of cooling eggs. In a room held at 60 degrees Fahrenheit, eggs of a temperature of from 92 to 102 degrees were placed three layers deep in wire trays. The temperature of the interior of the eggs was lowered to 60 degrees in a trifle over four hours' time. In a wire basket, holding 150 eggs, less than eight hours were required; in a galvanized pail in a regulation egg case, twenty-four hours were required.

After being cooled, the eggs should be held at 60 degrees. In hauling the eggs to town, care needs to be taken to keep the cases out of the sun, and to avoid delays as much as possible until they are delivered to the cooling room of the produce merchant.

CRAZE FOR TAME MICE
(Canadian Press) LONDON, July 19—There is a craze in England just now for tame mice according to George Palmer, pet dealer, who has advertised: "Wanted, 10,000 Tame Adult Mice." Palmer says he is anxious to buy all the mice he can get. The craze has come through the appearance of Mickey Mouse on the screen, the dealer says.

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Too Many Broilers?
An age of speed has some handicaps. Speeding production to a point beyond possible demand has been ruinous to a good many industries. In the poultry industry, just such a situation is being faced in broiler production. Too many chickens are hurried to market.

The possible demand for these small chickens is soon supplied, and especially during a period when so many people are struggling "to make ends meet." Broiling chickens are not a food which the housewife, who must watch her food budget, selects, even if the selling price is on a comparable basis with other meats. The actual cost per pound of edible meat industry, in a recent issue, "is whether or not a determined campaign of consumer education and extensive merchandising efforts will be profitable to the industry." The general farm and poultry press have done much to encourage amateurs in undertaking their advice to the average farmer has been along similar lines. Should our industry, through its various organizations, emphasize feeding? Should it to a more mature stage, or should it to increase consumption of broilers? Can we change consumer habits? What is economically sound for consumers, individual and institutional, is so for the industry and for producers. There is a question as to how far we are justified in going on trying to get consumers to try what may not be a 'good buy' for most of them.

Cost of Edible Meat
"Although few homemakers actually figure out the cost per pound of edible meat on various market classes of poultry, it is a fact that when the homemaker pays 30 cents per pound for dressed two to two and one-half-pound broilers, she is paying approximately 80 cents a pound for edible meat, while when she pays 35 cents per pound for dressed three-pound fryers, she pays only about 68 cents for each pound of edible meat. For four and one-half-pound roasters, or for five-pound hens at 30 cents she pays 55 cents per pound of edible meat, and for seven-pound dressed capons at 30 cents per pound she pays only about 48 cents per pound of edible meat.

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Imperial Fox Food
The Unanimous Verdict of Successful Ranchers
We have never fed anything to equal IMPERIAL FOX BISCUITS and IMPERIAL PUPPY FOOD in promoting healthy and normal growth of pups and developing sturdy bodies with superior pelts of lustrous sheen, thick-skinned and retaining their color.



B-B BRAND
Because its mineral and vitamin content is largely derived from a source entirely different to other fox rations, B-B Brand meets nutritional requirements of adults and pups at all seasons. Can be safely and profitably fed to the extent of 75%-85% of total ration. See your dealer or write us for details.

SUNGLO
BUCK HILL FALLS, Pa. July 19—Mrs. Franklin D. Roosevelt recently visited the humanitarian purpose of the New Deal to 300 summer residents here and urged them to "put their shoulders to the wheel" to help in such projects as they approved.

FOX FEEDS and PRODUCTS
are steadily gaining in favor.
YOU CAN RAISE PUPS WITHOUT MEATS. YOU CAN FEED ADULTS ALL SUMMER WITHOUT MEATS.
1. SUNGLO SUMMER-PUP RATION containing dehydrated meat meal, fed with whole milk and eggs may constitute the pups' entire feed until Sept. 1.
2. SUNGLO FOX RATION NO. 2 soaked in skim or buttermilk may constitute the adult fox's entire ration until Sept. 1.
THE ABOVE FEEDS WERE THOROUGHLY TESTED ON OUR OWN RANCHES DURING THE PAST TWO YEARS.
Pups were started at 6 weeks of age on above feed, and adults from time Vixens were weaned from pups on No. 2 Ration.
IN ADDITION WE OFFER YOU:
SUNGLO SUMMER-PUP Ration without meat
SUNGLO SUMMER ADULT without meat
SUNGLO FLEA & LOUSE KILLER
SUNGLO WONDER
SUNGLO WORM EXTERMINATOR
SUNGLO EAR LOTION
SUNGLO WHITE DISINFECTANT
VITAMINERAL
All above Products are ISLAND MADE.
Prices up to 40% less than similar products. SEE YOUR NEAREST DEALER OR WRITE US.
International Fox & Animal Foods, Limited