

The Educational Horizon

(Continued from page 11)

(1) The ministries of Sir John A. Macdonald; (2) The ministry of Sir Wilfrid Laurier?

4. What led to the following treaties between Canada and the United States:

(i) The Treaty of 1846 regarding Oregon; (ii) the Reciprocity Treaty of 1854; (iii) the Washington Treaty of 1871?

5. In a few sentences for each indicate the importance in British History of any five of the following:

(i) The Great Plague; (ii) Druidism; (iii) Penny Postage; (iv) Lollards; (v) Black Hole of Calcutta; (vi) Witenagemot; (vii) the Norman Conquest.

6. Locate and give an important historical fact associated with each of the following: Bannockburn, Versailles, Crecy, Calais, Boston, Moscow.

7. Name (a) four countries which were allies of Great Britain during the Great War; (b) two countries allied with Germany; (c) a British admiral; (d) a British general; (e) a French general; (f) three outstanding British victories on land or sea.

8. (i) What is the League of Nations? (ii) Where does it meet? (iii) What pledges are made by each nation upon joining the League?

NATURE AND HYGIENE

1. (a) Discuss the cause of tooth decay.

(b) Why is the ear of the sixth year called the "ear of wheat"?

2. (a) Describe the course of the blood as it moves throughout the circulatory system.

(b) Name the two kinds of blood corpuscles and state the work done by each.

3. Write brief explanatory notes on: dermis, patella, crypts, bile, tartar, adenoids, duodenum, saliva.

4. (a) What is digestion?

(b) Why does the body need food?

5. (a) Write a five line note on the value of including clover in a crop rotation.

(b) State the benefits to be derived from the rotation of crops.

6. (a) What is meant by cross-pollination?

(b) Draw a diagram of a flower naming all its important parts.

(c) Name two important uses of the stem to the plant.

7. Explain briefly: pruning, nymph, horticulture, capillarity, leucism, grafting, irrigation, domain, mulch, layering.

8. Compare three dairy breeds of cattle as to (i) size, (ii) color (iii) production of milk, (iv) quality of milk, (v) place of origin.

THE PROVINCIAL GOVERNMENT

1. Who is at the head of the government of our Province?

2. How is the Lieutenant-Governor appointed?

3. Who is the real leader of the government?

4. What is the provincial cabinet called?

5. What work is each of the following responsible for: the Attorney-General, the Minister of Education, the Minister of Public Works, the Minister of Agriculture?

6. What is meant by a minister without portfolio?

7. What name is given to the body of men which in this province corresponds with the parliament in the Dominion?

ANSWERS:

1. The Lieutenant-Governor. 2. By the Dominion Government. 3. The Premier. 4. The Executive Council. 5. It is the duty of the Attorney-General to see that the laws are properly enforced. The Minister of Education has charge of the educational institutions under the control of the government. The Minister of Public Works is in charge of the public roads, and general provincial construction such as bridges, etc. The Minister of Agriculture deals with all matters connected with farming. 6. Members of the Executive Council who are not at the head of any department but have a voice in the general policy of the government. 7. The Legislature.

8. A movement toward democracy in England causes Lord Elgin to be sent to Canada with instructions to establish responsible government.

7. Lord Elgin grants full responsible government.

Chooses his cabinet from the party in power in the Legislative Assembly. Does not himself preside over the cabinet.

Considers himself bound to follow the advice of the cabinet in the affairs of government, as shown in the passing of the Rebellion Losses Bill.

The events leading up to the establishment of responsible government in Canada may be summed up thus:

(1) The rebellion of 1837—A struggle for responsible government (unsuccessful).

(2) Lord Durham's report—Advocating responsible government.

(3) Act of Union—By which the governing body consisted of a Legislative Assembly elected by the people; a Legislative Council appointed for life; and an Executive Council chosen by the Governor (not necessarily from the party in power).

(4) Lord Sydenham prepares the way for responsible government—Chooses his cabinet from both parties. Acts as his own prime minister. Does not consider himself bound to follow the advice of his cabinet. (Therefore the government was not fully responsible to the people).

(5) Sir Charles Bagot grants a large measure of responsible government—Chooses his cabinet from the party in power in the Legislative Assembly. Did not always preside

CONSERVATION

A WEEKLY COLUMN OF PRACTICAL OPINIONS ON THE VITAL ISSUES AFFECTING THE USES AND ABUSES OF NATURAL RESOURCES BY MR. LUDLOW JENKINS, MARSHFIELD.

HARMFUL HAWKS AND OWLS

We come now to the fourth, or harmful class, the members of which feed, to a marked degree, on poultry and wild birds. The gyrfalcons will not be considered, as they are northern species which very rarely enter the United States. The duck hawk also is uncommon, except about large bodies of water, that it plays an important part in predations upon poultry and upland game birds. During the migration of waterfowl along the seacoast, estuaries, large rivers, and lakes the duck hawk has an abundant supply of food, feeding upon ducks, coots, waders, and even at times on gulls and terns. It is only during the breeding season that this falcon ever troubles the farmer.

It is in the group of hawks embracing the goshawk, Cooper hawk, and sharp-shinned hawk that is to be found the probable cause for the unjust hatred and suspicion entertained for our birds of prey as a whole. All three feed largely upon the flesh of birds, of which game and poultry form a considerable part. They capture their prey not so much by swift, long-continued flight in the open as by quick turns and rapid dashes from cover, the victim being grasped before the hawk's presence is suspected.

Fortunately, the goshawk, the largest of the three, is a northern species, and is rare in most parts of the United States, except in fall and winter. It is a large, powerful bird, fully killing and carrying off a full-grown fowl, ruffed grouse, or hare. Many are the accounts of its audacity in attacking poultry, taking it almost from under the very eyes of the owner, and even entering inhabited houses in pursuit of its intended victim. It also has been known occasionally even to attack a man. From the persistence with which this species hunts the ruffed grouse in many of the Northern States, it has received the name "partridge hawk." Mammals from the size of a full-grown hare down to the small mice also are captured, and it is stated that in the far north it feeds largely on lemmings.

Cooper hawk is preeminently a "chicken hawk," and is by far the most destructive species we have to contend with, not because it is individually worse than the goshawk, but because it is so much more numerous that the aggregate damage done far exceeds that of all other birds of prey. Although not so large as the goshawk, it is strong enough to carry away a good-sized chicken, grouse, or cottontail rabbit. It is especially fond of domesticated doves and when it finds acute easy of approach or near its nesting site, the inmates usually disappear at the rate of one or two a day until the owner takes a hand in the game. The arboreal and ground squirrels appear to be the mammals most frequently taken by Cooper hawk. Remains of chipmunks, red

at the meetings. (This policy is reversed by his successor, Sir Charles Metcalfe).

SPELLING

In many schools time is wasted in the study of words which the pupil already knows. It is discouraging to a pupil to spend time rhyming over with his class words with which he is already familiar. Even in individual study, time is often wasted in this way because the pupil does not know what words he is already able to spell.

It not only saves time, but adds much to the interest in the study of spelling, to have the list dictated before study. The pupil may find and correct his errors from the printed or blackboard list; or, if preferred, the teacher may mark the incorrect words. After this is done the pupil knows what words he has need to study, and is ready to listen to the teacher's suggestions as to the various ways of impressing the correct spelling on his mind. After time has been given for careful preparation the whole list may again be dictated. Words misspelled this second time must have special study, and should be kept in a notebook by both teacher

squirrels, and gray squirrels have been found in the stomachs.

The sharp-shinned hawk, a miniature of Cooper hawk, is fully as destructive to bird life as its larger cousin. Although rarely attacking full-grown poultry, it is very partial to chickens and often almost exterminates early broods which are allowed to run at large. No birds, from the size of doves, robins, and flickers to the smallest warblers and titmice, are safe from its attacks. In our previous examinations of the stomachs of this hawk the remains of nearly fifty species of birds were recognized, and the list is of so much interest that it is here given: Arizona quail, mourning dove, downy woodpecker, red-chafted flicker, yellow-shafted flicker, chimney swift, cowbird, orchard oriole, grackle, house finch, gold-finch, savanna sparrow, western savanna sparrow, white-throated sparrow, field sparrow, chipping sparrow, tree sparrow, junco, song sparrow, fox sparrow, English sparrow, Abert towhee, red-eyed vireo, black and yellow warbler, black-throated green warbler, yellow-rumped warbler, bay-breasted warbler, blackpoll warbler, pine-creeping warbler, ovenbird, Maryland yellowthroat, blackcap, western blackcap, Canada warbler, mockingbird, catbird, crissal thrasher, cactus wren, Carolina wren, red-bellied nuthatch, chickadee, ruby-crowned kinglet, gray-checked thrush, hermit thrush, robin, and bluebird.

To show how universally this species feeds on small birds it is only necessary to say that of 107 stomachs containing food 103, or 96 per cent, contained the remains of birds. Mammals and insects seem to be taken rarely, mice and grasshoppers being the ones most frequently chosen.

CONCLUSION

It must be apparent to those who have carefully read the foregoing articles that the relentless persecution of our birds of prey as a class is not only unjust, but is extremely prejudicial to the interests of the farmer, orchardist, and sportsman. In many localities, however, the men directly interested are awakening to the facts of the case and are learning to cast aside prejudice and to appreciate the valuable services rendered by the indefatigable hawks and owl in ridding their fields, plantations, and covers of noxious pests. When this approved sentiment becomes more widespread and the true character of our predatory birds is more fully recognized, the occurrence of disastrous outbreaks of mammal and insects will be comparatively rare.

With the exception of the destructive Cooper hawk, sharp-shinned hawk, and great horned owl—species which all farmers and sportsmen should learn to distinguish—our birds of prey are among the most, if not the most, valuable birds that wage war against the foes of the agriculturist.

TO SAVE SPACE THE WORDS ARE GIVEN IN LISTS, BUT IN DICTATING THE TEACHER SHOULD USE EACH WORD IN A SENTENCE, REPEATING THE WORDS AFTER THE SENTENCE THUS: "He is always on time—always." Unless there is some special reason the word should not be again repeated. As custom your pupils to listen for the word. Constant repeating not only wastes time, but encourages carelessness and inattention.

The words and sentences should be pronounced clearly, but never mispronounced in order to emphasize the sound of the letters. Care should be taken that the pupils pronounce the words distinctly and correctly, as careless enunciation leads to incorrect spelling.

MEN'S SPORTS 'KERCHIEFS HAVE APPLIED FIGURES

A new breast pocket handkerchief for men, intended to be worn with sports clothes, is made of dark linen in solid colors. The sports motif is carried out by cut-applied figures in contrasting colors applied on. Decorations include tennis, polo and boating figures.

THE THRIFTY SHOPPER S' GUIDE WEEKLY CONTEST

FUN for EVERYONE!

THE NEW 1937 "HOSTESS" Refrigerator is the only automatic defrosting and controlled humidity refrigerator on the market. Special dessert compartment. Removable shelves. Buffet top. Choice of freezing speeds. See it at T. G. IVES 219 Great Geo. St. Phone 1117

Try This Profit-Sharing Contest DEAL WITH THE FIRMS ADVERTISING ON THIS PAGE and receive your entry slips with each purchase from them.

SPRAYS, CORSAGES, BOUQUETS, DESIGNS for every occasion. Say It With Flowers MRS. JNO. WILLIAMS 18 Up. Prince St. Phone 429

BLOUSES Crepes - Satins Taffetas - Celanese All Spring Shades 98c to \$3.95 R. P. SIMPSON Queen Street. Phone 236

SEE A GOOD SHOW with what you save when you buy your groceries at Cash Prices here. PHONE 1210 DEVEREAUX'S CASH GROCERY Complete Expert

AUTO-GLASS SERVICE W. B. PROSE & SONS 122 Fitzroy Quality Street

Dollars Go Farther IN PAINTING WITH KYANZE Self-Smoothing PAINT VARNISH ENAMEL LOOMIS Music Store

The Season's Newest Styles in Silk, Pique and Print DRESSES Sizes 1 to 14 X AT THE MISSES HOLMES & BRADLEY 152 Queen St. Phone 92

HATS CLEANED, REBLOCKED, REPAIRED Our trade is growing because we really make them look like new. Phillips' Valet Service 114 Kent Street

PRIZE WINNERS LAST WEEK 1.—Mrs. Leigh Vessey, York. 2.—Miss Ethel Bryenton, Brackley. 3.—Mrs. Michael Devereaux, New Haven.

HAVE US DELIVER YOUR FLOWERS BY WIRE to any part of the CIVILIZED WORLD within a few hours. Ask us about this Service. PHONE 269 JAMES TAIT 37 Villa Avenue FLORIST

We Can Save U Money 24 lb. Purity Flour --- \$1.05 Eggs, Grade B, dozen --- 15c Corn Flakes, 3 pkgs. --- 23c Raisins, Seedless, 2 lbs. --- 25c MacPHEE BROS. Prince Street. Phone 246-J.

FISHING TACKLE We have a splendid new stock of the best tackle made. Get ready for the opening of the fishing season and replenish your gear from our store. E. A. FOSTER CENTRAL DRUGSTORE

Quality FOODS at lowest possible cost. Satisfaction Guaranteed. PHONE 65 S. N. KAYS 87 Parnal Street

Bathroom Scales We have some nice designs in Bath room scales. Call in and see them. CHAPPELL & CO. 173 Grafton Street. Phone 1440.

If your Watch has been condemned, don't discard it. We have put many such Watches in good running order. Our long experience and our large supply of Extras have saved many Watches from being scrapped. Try us—All work guaranteed. W. N. TANTON 189 Kent Street

ENTRY SLIPS FOR THIS CONTEST are available from any of the firms advertising on this page. Solution to this week's contest, and names of Prize-winners will appear on this page next Saturday.

Our New Footwear is In Step With Style Boots and Shoes for All The Family. Purdie-Ferguson

TO ENJOY HEALTH AND RADIANT BEAUTY Try drinking four glasses of "Garden City" Milk IT'S A BEAUTY SECRET THAT'S GETTING OUT. TRY IT AND BE CONVINCED. PHONE 584 THE PURE MILK COMPANY

EXPLANATION OF CONTEST The Charlottetown Guardian's "Thrifty SHOPPERS' GUIDE Contest" will be published every Saturday for twenty six consecutive weeks, with the final one appearing in the issue of August 28th, 1937. The Charlottetown Guardian will issue three prizes each week: 1st, \$3.00; 2nd, \$2.00; 3rd, \$1.00. These prizes will be issued in the form of merchandise or service orders that will be honoured by any advertiser on this page.

CONTEST RULES It will be noticed that an extra or surplus word has been purposely inserted in some of the advertisements on this page. These words, when arranged in their proper order, make up a slogan or trade phrase used by, or appropriate to one of these advertisers.

How To Enter Having read each advertisement carefully, and having located those in which the words were inserted, contestants must write the name of the advertiser in whose announcement a word was inserted, along with the extra or surplus word in each individual one. Also arrange the words to form the slogan or trade phrase and state the advertiser to whom you think this slogan belongs. Then attach to your solution a receipt from any one of the advertisers ON THIS PAGE, indicating that business had been transacted with at least one of these advertisers on this page. Each week three replies will be drawn from all received and three awards will be given in the order of their drawing: 1st, \$3.00; 2nd, \$2.00; 3rd, \$1.00. All replies must reach the Guardian Office not later than noon on Friday.

Clue To This Week's Slogan This weeks clue belongs to a prominent corner store featuring ladies' apparel.

IMPORTANT! There is no limit to the number of replies any contestant may send in each week, but each reply must be accompanied by a receipt from any one of the advertisers on this page. Receipts from firms not advertising on this page will not be accepted. As all prizes will be given in merchandise or service orders, it is necessary to state in your reply the name of the advertiser upon whom you wish the prize order drawn. All replies to this contest should be addressed to the Editor, Thrifty Shopper's Guide Contest The Guardian Charlottetown, P.E.I. This Contest is open to all except employees of the Charlottetown Guardian and their families.

Solution to Last Week's Contest SLOGAN "We Can Save You Money"—MacPhee Bros. We—A. Pickard & Co. Can—E. E. Moore Save—W. E. Frowse & Son You—The Pure Milk Company Money—A. E. Toombs

SPECIAL Corned Beef lb. 10c ENTRY SLIPS FOR THIS CONTEST FREE WITH ALL ORDERS ASK FOR YOURS. PHONE 1085 E. S. MOORE 120 Richmond Street

WHEN MOVING CALL OUR EXPERIENCED TRANSFER MEN All furniture insured while in our care. Now is the time to have your furniture repaired and upholstered by our skilled craftsmen. Have our tailors at your Chesterfield set with neat slip covers, made to order from high grade pre-shrunk materials at low cost. HENRY MACFARLANE Kent Street Phone 1049

Just received a shipment of Printed Dimity Pyjamas and Gowns in attractive styles and colors. Prices \$1.00 and \$1.25 At THE GLORIA NEW SHIPMENT FISHING TACKLE RODS, REELS, LINES, NEW PATERN FLIES AND BASKETS. Phone 772 C. C. HEESCHEN THE EUSTON PHARMACY

GET YOUR EGGS at the Candling Station 15 Cents Per Dozen This Week. P. E. I. Co-Operative Weymouth Street Phone 572

We are now buying Boots, Shoes, suits, etc., also all kinds of Carpenters and Mechanics Tools. EXCHANGE STORE 106 Richmond Street. Phone 868

See our display of all varieties of MEATS AND FISH Fresh, Corned, Cured, Smoked, Pickled and Dried. Queen Street MEAT MARKET H. PETERS PHONE 1308

Don't Clean Your Car Bring it here and have it Washed, Polished, Simonized to look like a new car. QUICK SERVICE. LOW RATES. MALLETT'S BATTERY SERVICE

ALL ORDERS Large and Small Receive our usual prompt attention not PHONE 240 A. PICKARD & CO.

FOR AUTOMOBILE INSURANCE consult A. R. McINNIS 75 Queen Not St. Phone 104

HAVE YOUR TIRES OVERHAULED and put in good shape for the summer motoring. WHITLOCK TIRE SERVICE 103 Kent Street. Phone 90

CONSULT US Before buying expensive property We offer several choice City and Rural properties. J. P. BRADLEY & CO. 75 Queen Street. Phone 101 Auctioneers and Agents for FIRE & LIFE INSURANCE

READ THE RULES carefully before sending in your replies. A number of Contestants overlooked some of the rules last week. Send in as many replies as you like, but follow the rules.

OUR BOADING HOUSE with Major Hoople ALAS AND ALACK, JASON WITH ALL THIS ILL LUCK, IT LOOKS AS IF THE GODDESS OF MISFORTUNE HAS GIVEN ME THE EYE TO THINK THAT MY OWN BROTHER WOULD INVEIGLE ME INTO BUYING A BUSINESS SO ENCLUMBERED WITH DEBT THAT, INSTEAD OF PURCHASING A CIRCUS, MY MONEY BOUGHT HIS CREDITORS SPLIT—SPLIT—FAP HENCEFORTH I SHALL STICK TO SCIENCE AND INVENTION—EGAD! YES, A MAN OF LETTERS SHOULD STICK TO HIS QUILL

OUT OUR WAY By WILLIAMS BLEESTERS, HAH? VELL, IN COUPLE YEARS YOU GAT DEES KIND LAK DEE SKIN FROM DE COCONUT. A YACHTIN' CAP—MMM—A RELIC OF BETTER DAYS, I GUESS. AN' THAT GUY HAD BETTER DAYS—HE WAS WORTH A HALF OF A MILLION AT ONE TIME—I FEEL SORRY FER TH' GUY. I DON'T HE'S HAD TH' FEEL OF HAVIN' IT. THAT'S SOMETHIN' NONE OF US EVER HAD TH' PLEASURE OF— YEH—PLEASURE, WHILE HE HAD IT—BUT, NOW—OH—NO, I DON'T THINK I WANT IT IF I'M GONNA LOSE IT— THE COME-DOWN. J. P. WILLIAMS 4-14