

CRACKLED BIRDS AS LOURE MAKERS

Never Has "Old Biddy" Been
So Helpful to Man as She
Is Today—Comparison of
Poultry Methods Old and
New.

Mineral waters and the trade in them will be Mr. Haskin's topic tomorrow. His article might also be classified under the caption, "Neglected Opportunities." For a supply of pure water and the price of plenty of printer's ink, can convert the water into dividends in a way that would please Wall Street itself.

By FREDERIC J. HASKIN.

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Washington, May 12.—A Seattle broker has recently placed orders with two Iowa egg packing establishments for 100,000 eggs, contracting to pay for these the price prevailing at the time of their delivery. This means something like \$44,000 eggs. Their total weight will be 336 tons, and if the selling price in Iowa is 20 cents a dozen, the Seattle broker will pay \$122,400 for the lot. And these will not by any means constitute the entire number of eggs that will be consumed in the city during the Alaska-Yukon-Pacific exposition, which will be held from June 1 to October 15, when as many as 100,000 visitors from all over the country will be there.

As one part of Iowa alone furnishes 10,000,000 eggs a year, the Seattle demand will not produce a dearth of eggs in that state. In April a New York firm ordered 20 carloads of eggs from Kansas. Greater New York consumes 3000 cases of eggs a week. As the number of eggs in a case is either 32 or 36 dozen, this means at least 494,000 eggs a day for the city's tables, many hundreds not being able to afford eggs. It is predicted by experts that the supply of eggs will be short, because far seeing packers, anticipating a later price of 45 cents a dozen, and encouraged by last season's high prices, are beginning to store eggs.

Fast Increase of Product.
Few products have increased so rapidly in value as have eggs. When the 1900 census showed that the egg valuation of something under \$300,000,000, the latest census of the bureau of animal industry of the national department of agriculture shows that this valuation has reached \$600,000,000. Of this, Kansas alone produced \$10,000,000 worth. The price in that state has gone from 11 1/2 cents to 18 1/2 cents. Eggs furnish over 8 per cent of the total food of the population, and with every tubercular patient encouraged to take at least a dozen a day, and every soda fountain mixing egg drinks for every twentieth customer, the demand for eggs will doubtless increase to a phenomenal degree this year. Chemists show that it takes 1 1/4 pounds of beef, worth at least 25 cents, to equal in nutrition five eggs worth 10 cents. On this basis the housewife often pays 2 1/2 times as much for a meal as she might if she understood better the values of food.

Two Hundred Eggs a Year.
According to the best authorities care of poultry for egg producing is a most remunerative occupation and the principal requisite on the part of the person who launches the enterprise is good common sense. The average annual production of eggs in the United States is only 68 eggs to each hen, though enterprising Maine farmers have raised the average of their state to 102. If the poultry standard is raised among the farmers, by means of study, the reading of literature, or the attendance of lectures on the subject, there is no reason, according to experts, why the American hen may not be brought to lay 200 eggs a year, and all egg layers should be killed when three and a half years old to make room for younger and better ones. Massachusetts is trying to get the legislature of that state to appropriate a sum of money for educational work among poultry and egg raisers just as Iowa has done for dairy workers. 10,000 having been appropriated for this purpose in that state.

Differences in Eggs' Weight.
That the breed can be improved is noted from the fact that eggs from the poorest southern farms, chiefly from James and Hamburgs, weigh only 19 1/2 ounces per dozen; from the poor strains of Leghorns that constitute the

chief poultry population of the Tennessee and Texas farmyards, the eggs weigh two ounces more, while southern Iowa and Iowa bred farm flocks that weigh 24 ounces to the dozen. Selected brands of imported Danish eggs and the United States imports largely from Denmark—weigh a fraction under 25 ounces to the dozen.

Denmark's Ideal System.
It is in Denmark that the ideal method of collecting and shipping eggs is found. There are 24,000 or more farms enrolled in the Danish egg collection, and eggs are collected on the farm every day of three times a week. Eggs from each farm are marked with letters and numbers, so the goods of each consignor is known at a glance. The eggs are "candied" or examined under a strong light to test their quality. If one bad egg is found in a farmer's consignment he is fined for the first offense, and for the second offense in one year he is expelled from the association, and must thereafter get his eggs on the market through his own efforts.

In the United Kingdom like efforts have been made to protect the public in the matter of egg buying and at the same time allow the producer to get good value for the shipments. Over 3000 branches or depots have been established there so that eggs may be collected when fresh and shipped at once.

The Easy-Laying Method.
Compare this with the general method of the American farmer. As a rule eggs on the average farm are collected at uncertain intervals, some from nests where hens have been sitting, and these are then traded at the country store for such commodities as the small farmer needs. The country merchant takes his chances with the eggs, rather than lose a customer, and then ships the lot at a small price to a large city factor. There is generally no selection in order that good eggs may be placed on the market, but generally the signs on the cases might be made to read as in the flowery not long ago: "Strictly Fresh Eggs," "Fresh Eggs," "The regular egg-farm in the United States and Canada has taken many steps already to improve its integrity, but has to compete with the poor farm product in states where pure food laws have nothing to say in the matter. Special packing boxes are used by many of these farms, boxes that hold, each, a dozen eggs and that are sealed and stamped with the name of the shipper and the date on the seal. This guarantees freshness. A number of small egg farmers have a way of writing on each egg, as they collect them, the date it is laid and the breed of the hen that laid it, a useful device if the buyers for the city are specially interested in being able to canvass that particular locality for eggs.

Potatoes of San Francisco.
Within 50 miles of San Francisco is the country's banner egg center, Petaluma, in Sonoma county, California. Seventy-five per cent of the people in that country are poultry and egg raisers. Those in the towns and villages raise for their own needs and sell the surplus stock. On the small farms from 1500 to 1800 hens are kept, and on the larger ones the hen population ranges from 3000 to 15,000. There are said to be 1,000,000 White Leghorn hens in that country, a specially bred variety that breed, for they are considered the best layers and rarely care to set. Each of these hens sets its henner never less than 50 cents a year, all laying 10,000-20,000 dozen eggs in 1907. One man in this county makes an annual profit of \$5000 on eggs, having two helpers and the three devoting their entire time to the business.

A Business for a Man.
Poultry and egg raising is declared to be strictly man's business, requiring the exercise of the very faculties that make a successful lawyer, business man or farmer. It requires an expenditure of energy and time that are too great a tax on the average woman. Common sense and business sagacity are the valuable assets for the enterpriser.

Cold Storage Best Preservative.
Eggs are best preserved in cold storage. This is the decision reached after hundreds of ways were tried and countless experiments made. The most perfectly sterile atmosphere at a sufficiently low temperature and with a proper degree of humidity will preserve eggs indefinitely. Eggs from corn fed chickens will keep best. A man at Burdard's Bay picks 50 barrels of eggs a year in June and guarantees that they will frost when beaten a half year later. Other experimenters have packed them in chaff, bran, sawdust, dry sand, salt and charcoal—anything that will exclude air. Others have wrapped them in unsized paper and placed in cool cellars. Eggs have been preserved in water glass, a silicate of potash or soda that coats them; they have been disinfected and coated with vasoline, a mixture of paraffin, linseed oil, turpentine and tallow, while some have been immersed in a solution of glycerine and salicylic acid. The egg shell being porous, in order that the imprisoned chicken may have air as it hatches, makes it difficult to devise air excluding packing, and the frailty of the shell makes its handling a matter of skill.

Uses of Inferior Stuff.
When eggs are sent to the packing houses or to be shipped or placed in cold storage they are candied and the good ones shipped or stored, the broken ones are frozen in cans and sent to another place to be dehydrated and form a convenient food for use in the navy—5000 pounds of dried eggs forming a part of the food supply of the Atlantic fleet when it went on international exhibition. Tainted eggs are used in the dressing of leather for gloves and book binding, this being one of the tannery trades, and they are also used in the manufacture of shoe blacking and in making a disinfectant. The shells of those from the giant incubators as well as those from the packing houses—are made into a fertilizer.

Raising the Standard.
Not only do eggs form a considerable article of diet, but millions are used every year by wine clarifiers, in calico print works, and in dye manufacturing, and others in preparing photographic plates. And all these figure in the 17 dozen per year that are apportioned out to each inhabitant. Though the majority of eggs come from the farms of the great Mississippi valley, the far west, the New England states and the north Atlantic have model poultry farms and each with its preference of White Wyandottes, Rhode Island Reds, barred Plymouth Rocks, White Leghorns, Minorcas or plain everyday mixed breeds, is helping to raise the standard of eggs to a conformity with the price, and help net the nation its many millions a year on this one industry.

will perhaps be given a dinner in the evening, finishing with the big parade at night. The Commercial club and the Rose Festival association will work in conjunction in planning for their entertainment while they are in the city.

RYNERSON COMPLAINS OF FAKE JOB ORDERS

Secretary C. M. Ryner of the municipal free employment bureau, says he wishes the city council would pass some law to make it a misdemeanor for employment agents of the city to carry on their petty campaign of annoying the secretary with the view of casting

the office into disrepute with laboring men. Scarcely a day passes, says Mr. Ryner, that he does not get a fake order for laboring men to be sent to some distant part of the city or county. On several occasions he has sent out men who have paid their car fare only to find no job awaiting them.

George Rogers Clarke Statue.

Quincy, Ill., May 12.—All arrangements have been concluded for unveiling the George Rogers Clarke statue, erected here through an appropriation made by the Illinois legislature. The statue has been set up in Riverview park, a picturesque site overlooking the

Mississippi river. The total height of the memorial is 22 feet. The statue is of a bronze figure standing against a massive granite monolith. It represents an officer of the revolutionary army, and intense character is suggested in the figure by the sculptor, Charles J. Mulligan of Chicago.

POISON OAK POISONING.

Ballard's Snow Liniment cures it. Mr. O. H. P. Cornelius, Turner, Ore., writes: My wife has discovered that Snow Liniment cures "Poison Oak Poisoning," a very painful trouble. She not only cured a case of it on herself, but on two of her friends who were poisoned by this same Ivy. Price, 50c and \$1. Sold by Skidmore Drug Co.

\$10 WHALEBONE TEETH \$10 FOR A SHORT TIME ONLY

\$1000 WE CHALLENGE THE WORLD

NEW AND DIFFERENT KIND

WHALEBONE A GREAT DISCOVERY

The New Whalebone Set of Teeth, which are the lightest and strongest set of teeth known; bite corn off the cob; guaranteed for 20 years; \$10.00.

A Few of the Many Testimonials We Have on File

Mrs. K. Clarke, 438 Columbia street, says: I have visited seven dentists, had 19 plates made by them, and they were all failures. I had a Whalebone Plate made by the Chicago Dental Parlors. This is the only plate that gave me entire satisfaction. I can eat anything. I would not part with my plate for \$1000.00.

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WHALEBONE A GREAT DISCOVERY

The New Whalebone Set of Teeth, which are the lightest and strongest set of teeth known; bite corn off the cob; guaranteed for 20 years; \$10.00.

Guaranteed for Twenty Years and Bite Corn Off the Cob

This is the Finest, Largest and Best Equipped Office of Its Kind in the World. Everything Up to Date.

Why We Advertise

To let the greatest number of people possible know of a place to take advantage of our scientific knowledge and skill, using only methods tried and proven.

Prices for a Short Time Only

GOLD CROWN, EXTRA HEAVY	\$5.00	GOLD FILLINGS	\$1.50
FULL SET OF TEETH, WHALEBONE	\$10.00	SILVER FILLINGS	50c
REDUCED PRICE PER TOOTH, BEST GOLD	\$1.00	PLATINUM FILLINGS	\$1.00
WHITE CROWNS	\$5.00	TEETH CLEANED	\$1.00
TEETH, RE-ENAMELED	\$3.00	TEETH EXTRACTED, PAINLESS	50c

Examination and Advice Free

Thoroughly Reliable—We guarantee all work 20 years, and as to our financial responsibility refer to Portland Trust Co.

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Established 15 years. Here to stay.
323 1-2 Washington St.
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Open daily, 9 a. m. to 6 p. m.
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SEATTLE DURING ALASKA-YUKON EXPOSITION

YELLOWSTONE NATIONAL PARK

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ALL YOUR EXPENSES PAID

IF YOU HAVE FRIENDS IN THE EAST WHO WANT TO VISIT THE PACIFIC COAST WE CAN ARRANGE IT

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JOURNAL SAVINGS COUPON

THIS IS ONE CREDIT

For Write or Stamp Name.....
Street Address.....
Town and State.....

Fill out with pen, pencil or rubber stamp and send by mail, express or messenger to Journal Savings Editor, The Journal, Portland, Oregon.

5000 CUT-UP PICTURE PUZZLES \$750.00 CASH IN SAVINGS BANK DEPOSITS

For the Boys and Girls of Portland and the Oregon Country—A Great Chance for Them
To encourage the spirit of saving among the young people of Portland and the Oregon country, The Journal will print a Journal Savings Coupon on page 4 of The Daily and Sunday and Semi-Weekly Journal from March 10 to May 31, inclusive. Seven hundred and fifty dollars in cash awards will be distributed to enable the most industrious boys and girls to start a savings bank account with some bank that is a subscriber to The Journal or is advertising in The Journal.

Journal Savings Offer

To the Boys and Girls of the Oregon Country
To the boy and girl in Portland or in the Oregon country who collects and secures the greater number of Journal subscription Savings Coupons, during the period from March 10 to May 31, inclusive, The Journal will give to each

- To the next two highest boys and two highest girls The Journal will give \$25.00 each.....\$150.00
- To the next four highest boys and four highest girls The Journal will give \$12.50 each.....\$100.00
- To the next five highest boys and five highest girls The Journal will give \$10.00 each, or a total for the ten of.....\$100.00
- To the next ten highest boys and ten highest girls The Journal will give \$5.00 each, or a total for the twenty of.....\$100.00
- To the next twenty highest boys and twenty highest girls The Journal will give \$2.50 each, or a total for the forty of.....\$100.00
- To the next fifty highest boys and fifty highest girls \$1.00 each, or a total for the 100 of.....\$100.00

TO ALL OTHER CONTESTANTS, boys or girls, sending in more than 1000 coupons, will be given, as a special award, ONE CUT-UP PICTURE PUZZLE, which will enable its receiver to pass many a dull moment of time which may "hang heavily."

How Journal Subscription Coupons May Be Secured

Single coupons will appear in every issue of The Journal (from March 10 to May 31, inclusive), and these can be cut out of The Journal and mailed or delivered to The Journal office, counting as one vote each. Those who buy a copy of The Journal upon the streets will thus obtain a coupon with each copy, and those who take the paper by mail or carrier will have the same privilege. These coupons can be clipped and sent in by any contestant's credit. Coupons will be given for SUBSCRIPTIONS TO THE JOURNAL, PAID FOR IN ADVANCE, as follows: One coupon for each cent of advance payment of 50 cents and under; two coupons for every cent of advance payment over 50 cents and up to \$1.50; three coupons for every cent of advance payment over \$1.50 to \$3; four coupons for every cent of advance payments over \$3 to \$5; and five coupons for every cent of advance payment over \$5. Thus a person taking The Daily Journal for a month and paying 50 cents in advance would be entitled to 50 coupons; one paying 65 cents for the daily and Sunday for a month in advance, would receive 130 coupons, two for every cent paid; and larger sums of payment for subscription to the Daily, Sunday or Semi-Weekly Journal will secure the proportionate number of coupons as detailed above.

To those soliciting contract subscriptions, delivered by carrier, for which no advance payment is required, coupons will be given as follows: For contract subscriptions of three months' term, 150 coupons; four months, 250 coupons; six months, 500 coupons, 12 months, 1500 coupons. If the contract subscriber takes and pays for the paper for the full term contracted for, the respective contestant will be paid a cash commission of 10 per cent on the amount collected by The Journal from his or her contract subscriptions.

Journal Subscription Rates

Daily, Six Issues Per Week.	Daily and Sunday, 7 Issues Per Week.
1 month, by mail.....\$.50	1 month, by mail or carrier.....\$.65
1 month, by carrier......45	2 months, by mail or carrier.....1.20
2 months, by mail.....1.00	3 months, by mail.....1.80
2 months, by carrier......90	4 months, by mail or carrier.....2.40
3 months, by mail.....1.40	5 months, by mail.....3.00
3 months, by carrier.....1.30	6 months, by mail or carrier.....3.60
4 months, by mail.....1.80	7 months, by mail.....4.20
4 months, by carrier.....1.70	8 months, by mail or carrier.....4.80
5 months, by mail.....2.30	9 months, by mail.....5.40
5 months, by carrier.....2.20	10 months, by mail or carrier.....6.00
6 months, by mail.....2.90	11 months, by mail.....6.60
6 months, by carrier.....2.80	12 months, by mail or carrier.....7.20

6 months, by mail.....\$.75 12 months, by mail.....\$1.50

AS A SPECIAL AWARD to the ambitious and hustling boys and girls of Portland and the Oregon country, THE JOURNAL will distribute each week

500 Cut-Up Picture Puzzles

To the boys and girls having the most coupons to their credit for that week. The cut-up puzzles will consist of 50 to 75 pieces, printed in colors on wood, sent in a box, ready to be put together, to the address of the leaders.

500 PUZZLE PICTURES to the boys and girls sending in the most coupon credits during the week—

500 March 22 to 29, inclusive.	500 April 26 to May 3, inclusive.
500 Mar. 29 to Apr. 5 inclusive.	500 May 3 to 10, inclusive.
500 April 5 to 12, inclusive.	500 May 10 to 17, inclusive.
500 April 12 to 19, inclusive.	500 May 17 to 24, inclusive.
500 April 19 to 26, inclusive.	500 May 24 to 31, inclusive.

The coupons, that are to be counted in the weekly awards, must be in The Journal office before 9 p. m. on the Saturday of each week.

5000 CUT-UP PICTURE PUZZLES \$750.00 IN SAVINGS BANK DEPOSITS

For the Boys and Girls of Portland and the Oregon Country.

CANVASS YOUR NEIGHBORS AND GET YOUR FRIENDS TO COLLECT JOURNAL COUPONS FOR YOU, AND GET OTHERS TO SUBSCRIBE FOR THE JOURNAL, by paying short or long time subscription in advance, thus giving you a bunch of coupons. Send in your coupons promptly and thus secure your share of the puzzle pictures to be distributed each week under this offer. Address THE JOURNAL, Portland, Oregon.

A STOUT LINE

Of Trousers—big values for big men, and equally good chances for Marathon shapes. You will find our \$5.00 Guaranteed All-Wool Trousers the best in Portland.

TRUNK CLOTHIERS

156-170 THIRD ST.

SHE'S THE SMARTEST GIRL AT BERKELEY

(United Press Special Wire.)
Berkeley, Cal., May 12.—Mary Louise Phillips of Hanford, Cal., today bears the proud distinction of being the most brilliant student of the class of 1909 at the University of California. While no official announcement has yet been made, it became generally known about the campus today that Miss Phillips was to be awarded the coveted scholarship gold medal that carries with it the greatest honors within the reach of the Berkeley undergraduate.

CHICAGO PARTY TO BE WELL ENTERTAINED

The board of governors of the Commercial club is making active preparations to entertain a party composed of 50 members of the Chicago association of commerce which will be in the city on a "get acquainted" trip from 11 a. m. to 11 p. m. June 10, one of the largest days of the Rose Festival. The visitors among whom are some of the most prominent business men of Chicago, will be given an opportunity to see the parade and big features of the day, to meet the business men of the city and make their acquaintance, and