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 Gives smooth, Gliding floor  
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 Write for catalog—Fourth and Yamhill  
 Portland.  
 P. N. U. No. 51, 1923

**Opossum That Killed Zoo Birds Is Caught**  
 New York.—A big opossum which  
 had wandered down the Hudson valley  
 to the Bronx was trapped at the Bronx  
 zoo, but not until it had killed two or  
 three wild turkeys, two peacocks and  
 several pheasants.  
 The heaviest slaughter of fine fowl  
 in the history of the zoo has occurred  
 recently and nearly all employees had  
 been at work attempting to track the  
 killer.  
 Gray hair near the slaughtered tur-  
 key caused the employees to seek a  
 raccoon. They put dogs on the scent  
 several times after fine big birds had  
 been slaughtered, but the dogs soon  
 lost the trail among the thousand con-  
 flicting animal scents of the zoo. The  
 manner in which several pheasants  
 were killed caused weasels to be sus-  
 pected. Weasels and raccoons occa-  
 sionally wandered down from the north

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**Increase Productiveness of Herd by Better Sires**  
 Keeping books with your cows is  
 the only sure way to build a herd of  
 high producers. By selecting cows on  
 their records, discarding the unprofit-  
 able ones, using only good pure bred  
 sires, and raising heifer calves from  
 the best cows, one is sure to increase  
 the productiveness of the herd.  
 It is also advisable to weigh each  
 milking because it enables one to feed  
 intelligently and if sickness, neglect  
 or abuse has caused a cow to drop in  
 milk a remedy may be applied before  
 the loss becomes serious.  
 Weighing milk creates interest  
 among the milkers and encourages  
 clean milking and careful treatment  
 of the cows.  
 The greatest source of loss to the  
 dairy industry is the unprofitable cow.  
 A certain cheese factory paid one of  
 its patrons \$877 for the product of  
 eight cows while it gave another  
 patron \$868 for the milk from 22 cows.  
 It pays to keep records.

**Ropiness in Milk Caused by Growth of Bacteria**  
 Aropy or slimy condition of milk,  
 sometimes noticeable after the milk  
 has stood several hours, is caused by  
 the growth of a certain class of bac-  
 teria which gain entrance after the  
 milk is drawn.  
 Though probably not more injurious  
 than ordinary sour milk, this condi-  
 tion is especially troublesome, as the  
 bacteria are passed along through ves-  
 sels and otherwise to other milk and  
 even to the dairies of an entire com-  
 munity.  
 The remedy is thorough washing and  
 sterilizing of everything that in any  
 way comes in contact with the milk.  
 Chlorinated lime, or bleaching powder,  
 at the rate of 12 or 16 ounces to the  
 100 gallons of water is recommended  
 by the dairy department of the Ohio  
 experiment station as a safe and ef-  
 fective disinfectant.

**Find Crushed Corn Best at New Jersey Station**  
 At the New Jersey station ear corn  
 was compared to corn and cob meal  
 for feeding cows. The corn was broken  
 on the cob and compared to corn  
 crushed in the ear; 6 pounds wheat  
 bran, 10 pounds corn stover and 8.4  
 pounds of hay produced 20.2 pounds  
 milk with .89 pounds of fat for each  
 cow, while 6 pounds corn and cob  
 meal, 6 pounds wheat bran with same  
 amount of hay and stover produced 22.1  
 pounds milk, 93 pounds fat. Thus  
 corn-and-cob meal exceeded corn from  
 the ear by 9.4 per cent for milk, and  
 4.5 per cent in yield of fat.

**At Ninety He Takes Bride.**  
 Lodi, O.—Jacob Switzer, who mod-  
 estly admitted that he was ninety  
 years old, has obtained a license to  
 wed Mrs. Laura Bunda, also of Lodi,  
 who blushing confessed that she was  
 thirty-seven years his junior.

**Hadn't Noticed Anything.**  
 Student in Astronomy—"Has any-  
 thing ever been discovered on Venus?"  
 Professor (whose mind has wandered)  
 "No, not if the pictures of her are  
 correct."

**Rescues Man Then Shoots Him.**  
 Chicago.—Oscar Hanson, patrolman,  
 saved Rogers Compereto from being  
 "slugged" by three men, but shot him  
 in the neck while making the rescue.  
 Hanson fired two shots at the attack-  
 ers, hit one, missed the next, acci-  
 dentally striking Compereto in the  
 neck. Compereto may die.

**The Begum of Bhopal, the only recog-  
 nized woman ruler in Asia, com-  
 mands the allegiance of nearly two  
 millions of people.**

**Apt Expression.**  
 In a recent story occurs the phrase:  
 "The living room fairly leaped through  
 the door to greet you." Living seems  
 to be the correct word, in the circum-  
 stances.

**Salt From Palestine.**  
 Preparations are being made to ob-  
 tain salt from the sea on a large scale  
 at Athlit, about ten miles south of  
 Haifa, in Palestine.—Scientific Ameri-  
 can.

**Salem.—There were six fatalities in  
 Oregon due to industrial accidents  
 during the week ending December 13,  
 according to a report prepared here  
 by the state industrial accident com-  
 mission. The victims included M. R.  
 Westbrook, Lynder, Wash., head rig-  
 german; Harry Andrews, Astoria,  
 grain sampler; J. A. McLean, Ver-  
 nonia, head rigger; John Pilger, Port-  
 land, locomotive fireman; C. V. Sims,  
 Rainier, carpenter, and D. B. Emer-  
 ick, Hillsboro, groundman.**

**Salem.—A. E. Burghdoff, state game  
 warden, and M. L. Ryckman of Port-  
 land have filed application in the of-  
 fices of the state engineer covering  
 the construction of a reservoir for the  
 storage of 100 acre-feet of water from  
 Boulder creek and springs and for  
 the appropriation of the stored water  
 for domestic fish culture and develop-  
 ment of five theoretical horsepower in  
 Clackamas county. The cost of the  
 proposed development is estimated at  
 \$12,000.**

# STATE NEWS IN BRIEF.

**Pendleton.—**Trappers and hunters  
 are applying to the county agent for  
 strychnine and information about the  
 best methods of hunting, trapping and  
 poisoning coyotes as they never have  
 in previous years.

**Salem.—**The Marion County School  
 Principals' association at a meeting  
 here Saturday went on record endors-  
 ing Governor Pierce's move to obtain  
 legislation prohibiting the advertising  
 of cigarettes in the newspapers or on  
 billboards in this state.

**Astoria.—**According to unofficial re-  
 ports here, deals are in progress for  
 the purchase by the Crown-Willamette  
 Paper company of a tract of several  
 thousand acres of fine fir and spruce  
 timber in Pacific and Wahiakum  
 counties, Washington, near Cathlamet.

**Salem.—**Salem police have attempt-  
 ed to identify a man who entered the  
 city hall Saturday afternoon, appar-  
 ently in quest of information. The  
 man cannot talk or write, and all ef-  
 forts to elicit his name or address  
 proved futile. He is about 50 years  
 old and fairly well dressed.

**Springfield.—**By resolution of the  
 town council a special election was  
 held here Monday on an amendment  
 to the city charter to clear the way for  
 an issue of \$50,000 refunding bonds to  
 redeem and retire an issue known as  
 "Springfield improvement bonds" of  
 like amount, bearing date of April 1,  
 1914, and maturing April 1, 1924.

**Hood River.—**Basket traps will be  
 utilized by the game commission of  
 Skamania county, Washington, in tak-  
 ing beaver in lakes and streams in the  
 vicinity of Stevenson. The animals  
 have become so numerous as to form  
 a nuisance in felling trees and dam-  
 ning up lakes and streams. They will  
 be caught and shipped to other parts  
 of the state, it is said.

**Grants Pass.—**The Cavemen, boost-  
 er organization of Josephine county,  
 will undertake the exploration of the  
 newly discovered caverns in the Ore-  
 gon Caves. These caverns, which ex-  
 tend for an unknown distance into the  
 mountain, were found on the last day  
 the resort was opened and the guides  
 were taken out before the full extent  
 of the find could be explored.

**Dallas.—**E. G. Erickson, 80, and a  
 pioneer of this vicinity, died here Sat-  
 urday night as a result of injuries  
 suffered in the afternoon when a stick  
 of dynamite exploded in his hand  
 while he was working on his farm  
 three miles northwest of this city. Mr.  
 Erickson was sitting on a box full of  
 dynamite when the explosion occurred,  
 but the explosive in the box did not  
 go off.

**Salem.—**Activities of the state pro-  
 hibition department, created by an  
 act of the 1923 legislature, have re-  
 sulted in fines amounting to \$87,684.94,  
 according to a report prepared by  
 George L. Cleaver, state prohibition  
 director. The report covers the period  
 March 15 to December 10, and will be  
 submitted to the governor, who was  
 instrumental in having the department  
 created.

**Grants Pass.—**The Josephine county  
 budget was cut \$19,258.35 by the tax  
 supervising and conservation com-  
 mission at its meeting here. This is a  
 reduction of approximately 4 mills  
 over last year, taking into considera-  
 tion the reduction in the state tax of  
 \$12,460. The greatest cut was made  
 in the appropriation for roads and  
 bridges in the county, this item  
 amounting to \$16,300.

**Albany.—**The annual war on rodents  
 in the Ash Swale district netted a  
 total of 3653 pests and settled a con-  
 troversy of three years' standing as  
 to the most efficient hunter of rodents  
 in the community. A gold medal was  
 presented to Charles Bowers, captain  
 of one of the hunting teams, for three  
 winning the honors in the annual  
 shoot. His brother, E. S. Bowers,  
 captained the opposing team and  
 turned in the next high score.

**Irresistible Allurement.**  
 "You have only two or three build-  
 ings in this new town of yours."  
 "I know," responded the enthusias-  
 tic realtor, "but look at the parking  
 space!"

**A Suggestion.**  
 "My daughter can do anything  
 with the piano!" "Could she lock it  
 up and drop the key in the river?"—  
 Sondags Nisse (Stockholm).

**A GREAT PRIZE.**  
 He—But, darling why were you so  
 sure that I had never proposed to  
 any other girl.  
 She—Because, you wonderful boy,  
 you were not married.

**Something to Think About**  
 By F. A. WALKER

# LANGUAGE

THE scenes and the sounds of a  
 great city speak in a vernacular  
 which is readily understood by him  
 whose eyes and ears are attuned to the  
 splendor and the din.

And what is true concerning the  
 seasoned citizen, is proportionately  
 true of the verdant visitor who, at a  
 glance interprets the meaning of the  
 smile of a sturdy beggar grinding a  
 hand-organ while his picturesquely  
 frocked companion rattles a tambou-  
 rine, and passes it solicitously among  
 the gaping group of music lovers to  
 catch the stray pennies.

The chimes in the church steeples,  
 the tinkling bells of the itinerant ped-  
 dler of many wares, speak to all in a  
 familiar tongue.

The Russian or the Greek who can-  
 not frame a word of English knows  
 well the lingo of the clattering milk  
 cans in the early morning and an-  
 swers their call with alacrity.

Who is so untutored that he cannot  
 read the joy of the sound of the bab-  
 bling brooks, or the love in the song  
 of the happy bird that is singing  
 among the green hills to his mate.

And the cumulus clouds with their  
 ever-changing forms, their happy  
 tints of purple and gold and silver,  
 go sailing by in the evening sky tell-  
 ing their tales of magnificence which  
 cannot be put in words, but which are  
 easily comprehended by the lovers of  
 the sublime and the worshippers of  
 Him who changes in a second the col-  
 ors of the worlds.

The sight and the songs of the  
 winds!  
 Who does not delight in their whis-  
 perings among the forest trees and the  
 flowers, their moaning roars over the  
 waters of the deep, their lullabies in  
 the night when the earth is still, and  
 sleep, half dreaming, closes weary  
 eyes to refresh and give them new lus-  
 ter for a day unborn.

Their language is universal, under-  
 stood by creeping things, by beasts,  
 by men and the angels.  
 This is no dead classic whose mes-  
 sage is obscure.

Every word is a liquid gem, requir-  
 ing no scholarship, no knowledge be-  
 yond that which nature bestows to  
 make its meaning comprehensible and  
 inspiring, like the master stroke of a  
 painter's brush or the magic note of a  
 nightingale alone with the listening  
 stars of night, straining his little  
 throat in praising his Maker.  
 (© by McClure Newspaper Syndicate.)

# THE ROMANCE OF WORDS

**"CANNON"**  
 SOMETIMES a slightly differ-  
 ent method of spelling dis-  
 guises the fact that two appar-  
 ently dissimilar words rest on  
 the same common foundation and  
 are really so closely related that  
 they may be said to be one and  
 the same. A notable example  
 of this is the "canon" or law—as  
 used in Scripture and church  
 writings—and "cannon" or heavy  
 artillery.

The word "canon" first meant  
 the measuring rule or line of the  
 carpenter. Then, figuratively,  
 any measure or rule by which  
 we gauge other things. But the  
 carpenter's rule was properly a  
 reed or "canna," this being se-  
 lected on account of its straight-  
 ness, and mention of this measur-  
 ing reed is made in the twenty-  
 first chapter of Revelation. A  
 reed, however, in addition to being  
 straight, is also hollow.

Therefore, when the hollow en-  
 gines of war—artillery—were in-  
 vented, it was considered appropri-  
 ate that they, too, be called by  
 a word derived directly from the  
 Greek "canna," the additional  
 "n" being supplied to distinguish  
 the military armament from the  
 ecclesiastical. Much the same  
 process appears in the German,  
 where "rohr," at first signifying  
 a cane or reed, has in like man-  
 ner been applied to the barrel of  
 a gun.

(© by Wheeler Syndicate, Inc.)

**Important to Note Size and Shape of All Eggs**  
 For those who are shipping eggs to  
 special markets, it is important to  
 watch the size and shape of the eggs,  
 as well as to see how many the hens  
 are laying and what color they are.  
 Too long an egg crushes from the top  
 in shipping, and cuts down the re-  
 cepts over a period of months; too  
 wide an egg crushes from the side.  
 Customers demand a fair amount of  
 uniformity in size and shape, because  
 it makes more attractive selling. They  
 are willing to pay more for such qual-  
 ity.

The new breeder of today can  
 make more money by breeding for  
 egg quality than for more eggs," says  
 an eastern authority. "Many who go  
 in for producing more eggs overlook  
 so many things. I recently saw a  
 poultryman who had a number of hens  
 with records up to 300 eggs per year  
 each, and he had a flock of 200 aver-  
 age, but of nearly 100 eggs I saw, from  
 as many different hens, not over  
 20 would pass for fancy eggs on the  
 market and bring top price. Some  
 would simply have gone as miscel-  
 laneous eggs; they were too small and  
 tinted."

**Day of Definite Methods.**  
 The day for haphazard methods in  
 breeding poultry has passed into the  
 pages of history. This is the day of  
 definite, accurate methods. The mod-  
 ern poultryman must know definitely  
 the sire and dam of the birds he  
 raises if he is to have their exact  
 pedigree.

**Pullets Lay in Winter.**  
 Young stock that begins to lay in  
 the fall of the year will usually lay  
 throughout the winter, the period  
 when eggs are highest in price.



# Rat Trap and Dry Mash Feeder in Combination

A combination rat trap and dry-  
 mash feeder is a rather novel addition  
 to the poultry house. The feeder is  
 a long box, 1 foot high and 1 foot wide,  
 with a sloped and slatted top, through  
 which the hens put their heads to eat  
 during the day. To convert this into  
 a rat trap, a 4-inch hole was bored  
 in the end of the hopper, a short length  
 of 4-inch stovepipe fastened in the  
 hole, and a bag tied over the other  
 end of the pipe and spread out on the  
 ground. A heavy board cover was  
 hinged to the feed box; this was kept  
 open by means of a hook during the  
 day, but the hook was released, and

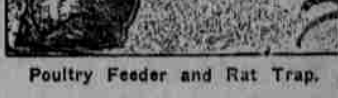
a small prop with a string attached to  
 it used at night. The string led away  
 to a distant window so that the poul-  
 tryman could pull it without entering  
 the poultry house and disturbing the  
 rats. A yank at the string let the  
 cover drop and trapped the rats in-  
 side. Then, by beating on the cover  
 with a stick, the rats were made to  
 run through the hole, down the pipe,  
 and into the bag, where a few blows  
 killed them. As long as the hens ate  
 from the feeder the rats never seemed  
 suspicious.—L. Harris Hiseock, Sku-  
 netles, N. Y., in Popular Mechanics  
 Monthly.

**Pay More Attention to Feeding Poultry Flock**  
 With the coming of cold weather and  
 higher prices for eggs, careful poul-  
 trymen pay more attention than ever  
 to the feeding of their flocks, so egg  
 production may start early and be  
 maintained as long as possible. To  
 help meet the demand for information  
 on feeding, the college of agriculture  
 at Ithaca has published a bulletin con-  
 taining the ration it has found by ex-  
 periment to be the most efficient. Di-  
 rections for the use of these feeds and  
 for the management of flocks are also  
 discussed, two things which, in the  
 words of the bulletin, are "as im-  
 portant as the mixtures themselves."

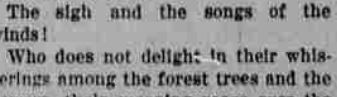
The amount of feed depends upon  
 the appetites of the birds, and no  
 definite rule for feeding will apply to  
 all conditions. Scant feeding in the  
 morning and at noon, followed by a  
 heavy feeding of grain in the litter of  
 the hen house early enough so the  
 birds will find it before dark, has  
 given best results. Green feed, oyster  
 shell, and clean, fresh, pure water are  
 also essential.

Equal parts by weight of mash and  
 grain are fed; the former is made as  
 follows for laying hens: 100 pounds  
 each of wheat bran, wheat middlings,  
 cornmeal, ground oats or ground bar-  
 ley, and meat scrap, and three pounds  
 of salt. The grain mixture consists of  
 500 pounds of cracked corn, 200 pounds  
 each of barley and wheat, and 100  
 pounds of heavy oats.

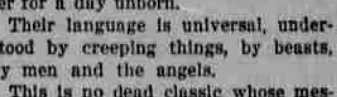
A copy of the bulletin will be sent  
 to those who write to the college at  
 Ithaca for E 45.



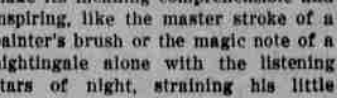
Poultry Feeder and Rat Trap.



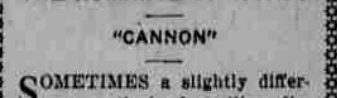
Rat Trap.



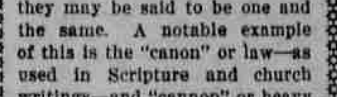
Poultry Feeder.



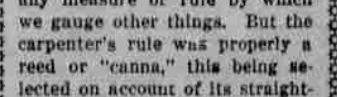
Rat Trap.



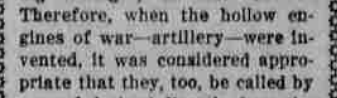
Poultry Feeder.



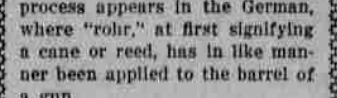
Rat Trap.



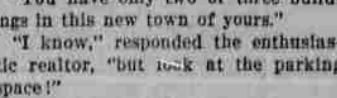
Poultry Feeder.



Rat Trap.



Poultry Feeder.



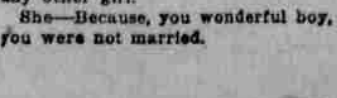
Rat Trap.



Poultry Feeder.



Rat Trap.



Poultry Feeder.