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# By Anna Katharine Green, Author of "The Fersaken COPYRIGHT, 1890, BY ROBERT BONNER'S SONS.

CHAPTER XLIV.

Continued.

"At last the day came, and I lay on my couch, trembling and fearful-not of any possible result of the deception I was about to practice, but of the long sleep into which I must go, as into a tomb. But the Portuguese was with me, and she comforted me; and when I finally felt the shadows creeping over my consciousness, I remember that she whispered, in a certain harsh, yet persuasive manner: 'He is handsome, signorina; and if he awakes you, as the Fairy Prince did the Sleeping Beauty, you need not feel alarmed, as if he were an ogre.' That made me smile, and so I fell asleep as a child might. Then she went away, and her sister, Annetta, took her place, because the Portuguese herself was known to Mr. Degraw, Anneita was not bright, and so was not fully taken into their confidence; but she understood what she had to do, and how to do it. The lest I was expected to manage my-Sell.

"Meanwhile a fearful mistake had been made. By chance, which I can only regard now as the workings of quented by the Cleveland millionaire. Providence, the Portuguese had been led to confound the disposer of Mr. Delancy's fortune with the Hamilton Degraw whose name was in the hallmoor one. She had seen Mr. Degraw, of Cleveland, come out of that buildfug one day, and, being too ignorant to know that the artist who worked and roomed there was an old resident of New York, took it for granted that this was his place of work, and the spot where he was to be found.

"She gave Montelli the same impression, and as they did not wish to arouse suspicion by betraying their interest In this man, they were neither of them undeceived as to the matter till after the note had been delivered which luxed you to this spot. And so, my beloved, it was upon your face that my eyes opened when I at last awoke out of my sleep; upon you who held in your first look an instant key to my heart, and made me feel, before I had fully realized all that my sensations meant, that I had lent myself to a scheme of which I was already heartily ashamed, and which, for some reason I could not explain, I should find it difficult to carry through in peace and serenity.

"But I had learned my lesson well. and tried to acquit myself according to its teachings. Believing you to be the man who controlled the great amount of money destined for the for- know; Hilary you know. You can im- lowing systems of rotation has been inside of post (F) and also inside of tonate Jenny Rogers who should most agine the welcome which her pity gave strongly recommended by one who has stake parallel to wires. Tighten up deeply interest and please you. I told me, and, afterward, the sweet atmost given much attention to the matter. wires on ratchets (E, E, E,) sufficient you the story of my life, artfully con- phere created around me by her af- Three years' rotation would be best so that when each of the boards (D. vealing my real name, for fear of fection. Unworthy as I felt of it, I suited to rich river bottom soils that D. D.) are inserted into slot (H), and awakening your suspicion before I had amained my end.

evinced not only interest, but admira- phere of luxury for which I always corn, cowpeas or soy beans; corn, corn, over the ends, hold wires in proper tien, and while I recoiled from my pined. I began to be happy. But cowpeas or soy beans; corn, winter position. If one would prefer four own duplicity. I naturally felt that deeper experiences awaited me. You wheat or barley, cowpeas or soy beans. wires instead of three, another one can whition of spirit which inevitable fol- came; and I gave up my heart and soul lows upon the success of any under- to your influence, and was so quick in the same class of soil as the three mist. taking. But, alas! you were curious learning the story of love, that I came as well as interested. You wondered near forgetting my more worldly hopes | tage of being better suited to the meas well as admired, and I was forced and only had them recalled to me by dium class of soils, as the land can be tato deeper deception in order to ex- the sudden introduction of Mr. De- kept in clover for two years. On soils plain the surroundings by which we graw. This was at a critical moment had attempted to make an impression in our lives, you remember, and you and consequently provided for, I did perceived, from the first look he gave not find any difficulty in its perform- me, that I had but to smile upon him ance, save that my newly awakened with half the fervor I smiled upon you than the four years' rotation. On this conscience rebelled. To utter any- to charm the millions from his coffers, thing that was not absolutely true was and make myself, in fact, what I had rapidly becoming unendurable to me, been so long in fancy-the rich and but the necessity of the moment was influential 'Miss Rogers,' with someupon me, and I went through with my thing beside her heart to give to the role without flinching. Turning to man she loved. Annetta, I appeared to question her. By this I hoped to explain the circumstances that had aroused your curiosity, and dispel forever whatever doubt connection with myself. And I succeeded: you know how I succeeded.

"But a thunderbolt awaited me. Just as renewed peace was settling over me, and I began to realize the sweetness of hope, Montelli burst into the wicked Montelli. Mr. Degraw's the room and showed me by a word affections became engaged, and his and look that something had gone seri- valet saw it, and warned me in the inously wrong. Confused and alarmed, terview we had at the picnic, that if I entomologist to assist in the increase does the most good. I awaited his explanation, and you can allowed my manifest partiality for you imagine my horror and surprise when to show itself, he would make that par-Annetta approached and whispered in tiality fatal. Indeed, he went so far my ear: 'A mistake has been made: as to say that I must go on smiling this is not the right man!"

"Not the right man! And I had al- for this man, who had already shortmost exchanged with you looks of ap- ened one poor life, was not going to preciation and love. Shocked, if not let another stand in his way, when he frightened, I was conscious of but one thought, and that was to be rid of your ened, as he judged, by a woman's silly

conscience awakened, but fear made part, and became greatly frightened me forget all this, and I promised to and took those secret measures to warn see you the next day, if you would only you, which I am sure you have not leave me then. You went, and, with forgotten. you, whatever girlishness had remained in me. Henceforth, I was a woman.

Portuguese came in and soon made me of a detective, when he found himself

see that, if we still hoped to succeed in the undertaking we had formed, I must escape the consequences of our egregious mistake, by a sudden and immediate flight. And though I experienced a moment of rebellion, and almost refused to have anything more

to do with the plot, I soon found I lacked both the courage and the wit to contend with these two subtle and dangerous adventurers. I became again a tool in their hands, and, after hearing an explanation of how they had just discovered the fact that there were two Hamilton Degraws, and that the artist whom I had attempted to invelgle was not the gentleman with the millions at his disposal, they informed me that, so far from being discouraged by the first failure, they had formed another plot by which the right man was to be reached. Whereupon I told them about Miss Aspinbeing introduced in some highly respectable way into the society fre-

This advice I was not loth to follow, er has well cured clover, if it be cut for ambition was by no means dead | into lengths of an inch and soaked and within me. So, after a couple of weeks spent in a Westchester town, I made this will have red combs, and eggs will way of a certain building that she a bold move toward Great Barrington, come in rapidly. sometimes pased. Her reason was not where, as Montelli had managed to inform me, Miss Aspinwall had now taken un her abode. "Montelli, meanwhile, had found enough to do in New York. Though, as I have before decl-red, I knew noth-

> ing then of the cruel acts he was engaged in, I have reason to think now that he wrote the note and poisoned the bonbons that destroyed the factory girl he found at that time attracting the notice of Mr. Degraw. He had by this time caused himself to be engaged as that gentleman's valer, and so had ample opportunity to follow his master's movements and interfere in his plans. He also must have misled the young girl at Miss Hadden's school into thinking she had a lover in Mr. Degraw, for that gentleman certainly never wrote her the letter she received. But, as I say, I was in happy ignorance of this, and though, soon after my in- the things essential in farm manageterview with Miss Aspinwall at the station, I came to know that danger to be preserved. The nitrogen from the on in the way into which I had been

nevertheless accepted it with a full are naturally adapted for the product pushed back into position against (J) heart. It was so spontaneous and so | tion of corn and easy to cultivate. The | the wires will be taut. Three rings, "The result was encouraging. You trustful, and raised me into an atmost rotation might be as follows: Corn, one for each pair of boards, slipped upon you. As this had been foreseen can imagine my sensations when I

"For, dearest, doubt me not in this, I and she to answer me, and when I charge you. To give you that wealth thought this miserable farce had gone was then my uppermost thought. No on long enough, I repeated to you the idea of coquetry was in my mind, nor invented tale which had been put into did his glance, ardent though it was, my mouth by the wily. Portuguese, arouse in me any suspicion that his personal feelings had been touched. I only saw that he liked me and that my hope of acquiring his wealth was good might have been awakened in your and likely to reach fruition. I determind in reference to Montelli and his mined to make myself as agreeable as I could to him, even if I must seem to sacrifice my love for you to my interest

in the newcomer. "But, alas! I did not reckon upon the passions of men or the watchful eye of upon the millionaire or see you perish; saw the success of his schemes threatpassion. And I was convinced that "My heart had been stirred and my these were no mere threats on his

"Montelli added his efforts to mine. His purpose was to alarm you, and "I dismissed you, but not with an thus force you to leave the town, or intentional falsehood. I really hoped at least cease all rivalship with his to see you again, and, if left to myself, master. That he was a man of devices would doubtless have done so. But, you must have perceived by the adafter you had gone, Montelli and the dress with which he assumed the part

TO BE CONSINUED.

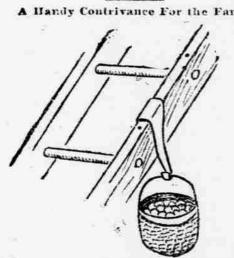
### AGRICULTURAL.

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Better Breeds. Purchasing better breeds of poultry should be done now, so the cockrel will be in better condition for the service for early eggs. The early chicks are the ones that bring the highest prices. Get pure birds if you do have to pay some more for them. March is not too early to begin to save eggs for early hatches, and if the breeding stock has been purchased as indicated, the chances are ever so much better that the eggs are as they should be.

Our Wood Lots. Remember that trees get ripe the same as wheat or other crops. Whenever trees are ready to cut they should be made into fire wood or lumber. But this does not mean the destruction of the forest. If the trees which have attained full growth and are fully mawill spring up on every side, and the in the years to come. I believe in retaining at least a small wood lot on every farm.

Pullets Are the Egg Producers. Pullets that were batched in 1903 should now be laying an egg every wall's unexpected visit to me, and they other day. While eggs are selling at agreed that I should make an effort | twenty to twenty-five cents per dozen to bring myself into her notice, as the is the time to give particular attention plan they had formed necessitated my to them. They must have warm quarters so they can rest at night and be ready for forming the egg and taking exercise in the day. Where the farmmixed with meal, the pullets fed on



Crop Rotation and Fertility.

It has come to be well understood by most successful farmers that one of ment is crop rotation, if soil fertility is

years' rotation, but it has the advanof medium fertility the rotation might be about as follows: Wheat, clover, clo-

ver; corn; corn, corn, clover, clover. The five years' rotation would be better suited to a still poorer class of soils type of land cultivation is not desirable more than once within three or four years. The rotation might be winter wheat, grass, three years corn.

Bees and Fruit Growing.

The entomologist in his work meets with two immense groups of insects, those which are injurious and those which are beneficial, says Professor W. Newell. There is no need of discussing the former class; the various in-

stored products of various kinds are them. examples. As a matter of course this | Let straps and things hit their legs group has received the most attention. and heels. It is but natural that the attention of the farmer or fruit grower should be more forcibly attracted to the death | most anything. of his trees or crops than to the constant yet quiet and unassuming work | self-controlled, firm person who should of insects which successfully hold in train colts. check many injurious species. Neverand distribution of beneficial insects as it is to devise means for controlling the

injurious ones.

As a matter of convenience we may benefit to mankind by their parasitic which are directly beneficial in that they are resting. they create useful commercial products. The former groups may be illustrated by the various "lady-bird" beetles which destroy myriads of scale insects and plant lice, and by the parasitic Hymenoptera-for the most part | himself. very minute insects resembling bees or wasps-which live as parasites upon the front foot, shorten the toe and for appendicitis)-"Doctor, before you structive pests.

Of insects directly beneficial we may cite the silk worm, the cochineal insect down the heel. Most blacksmiths do and the honey bee. It is with the lat- the opposite. ter that we now have to deal. The re- | Stay with your horse while he is be- "I'd like to be opened with prayer."lation of bees to fruit growing has not ing shod,

\_i\_cecceccecceccecc received much attention from the average orchardist. I am convinced, however, that it is a subject of much more importance and a discussion of this relationship will, I trust, be of some litsential that we should arrive at a clear understanding of the relationship of these two industries, horticulture and apiculture, as they are of mutual benefit to each other.

Soil Preparation. It has been demonstrated that when the harrow is used over growing wheat early in the spring the result is beneficial, and it is when the wheat is harrowed that the grass seed should be sown, if grass or clover are to follow a grain crop. It is important that the seeds be covered, and if the field be harrowed there will be less loss of seed and greater chances for a good stand. As an application of nitrate of soda on wheat in the spring pushes it forward very rapidly, it soon reaches sufficient height to shield the young grass from the extreme heat of the sun. The harrow may also be usually employed to tured are cut down, younger trees may | mix fertilizer with the soil at the same remain. Then numerous young trees time. The ground upon which grass seed is to be sown deserves more attenwood lot will be renewed for cutting tion than the grain crop, for if the grass crop be intended as a permanent pasturage it must not be overlooked that weeds will spring up to compete with the grass, and for that reason the ground must be very clean. It is best, therefore, that grass should be seeded on land that was previously in corn, as

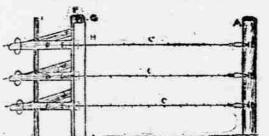
Wire Gate.

the extra cultivation required for corn

better prepares and cleans for the

grass which is to follow.

The following is a description of a cheap and serviceable wire gate which will be found satisfactory, especially in places where a gate is not often used. It, of course, will not do for sheep or hogs, but will serve the purpose in cattle pastures where a three-wire fence is sufficient to confine stock. Cut three wires each about a foot longer than the distance between posts, and three short wires each six inches long. Form the short wires into loops and fasten to pest (A.) (B. B. B.) with staples, the desired distance apart. Hook the long wires (C, C, C,) into the loops (B, B, B,) so as to form hinges. Shape three boards each four fect long, as illustrated in (D). Place a



about six inches from the end (figure E. E. E.), attach the other ends of long wires to ratchets. Nail an inch board had followed the steps of various girls | air deposited by the legume crops, and | (figure G) four inches wide the height who bore my name, I shut my eyes to the humus resulting from growing of post to post (F). Nail another board the suspicions now rife in my heart, them in rotation are two things put (H) on top of this overlapping the and, happy in my own innocence, went down in the plans of good farmers. first an inch or two. Drive a stake (I) This location should be adjusted to the inside of wire fence three and one-half character of the different soils, but it feet from post (F). Nail three pieces "The life in Great Barrington you is essential for all of them. The fol- of board (J) each three feet long, on The four years' rotation is suited to be added .- Jas. Cotter, in The Epito-

> Horse Talk. Heavy-coated horses should be clipped now, just as the hair begins to

Blanket warmly and make the skin active by a vigorous, thorough brushing from head to heels every day. The health and thrift of the horses

will be improved in this way. Keep a stubby broom in the stable to brush all the mud and ice from the horses' legs. Then rub them dry with a wisp of straw.

Rheumatism and chapped heels result from carelessness in this way. This is the time to train the colts and voime horses.

Carefully accustom them to all sorts of things. Teach them to hold the cart back

with their hind quarters as well as the sects which destroy our fruit trees, breeching. Let wheels run off, open garden and field crops, and infest umbrellas over their heads and under

Let them understand that they will

not be hurt and they will submit to al-It is the low-voiced, sympathetic,

It is not the man who breaks the theless, it is as much the duty of the colts, but the one who trains them who

> The heaviest feed should be given at night when the horses have time to digest it.

When horses are taxed to the limit place the beneficial insects in two of their endurance all grain should be groups, those which are indirectly of ground and fed on moistened cut bay. Some long hay should be put in their habits upon injurious species and those mangers for them to nibble at while lief of the flood sufferers; "I don't think

> The morning feed should be mostly grain and not bulky. Water before feeding always. Give a horse a chance to drink often

and he will never take enough to injure For over-reaching-"forging"-lower

the adults, larvae or even eggs of de- bring the heel up and set the shoe well begin I wish you would send and back. Set the hind shoe ahead and cut come over."

#### WIT and HUMOR lationship will, I trust, be of some little interest. It seems to me very es- of THE DAY

Fleeting Fame. The "man of the hour" May seem to be in it, ut "Time flies," alas! He's forgotten next minute.
-Public Ledger.

Woman's Way. She-"Time will heal the wound I've made in your heart." He-"Yes; but you'll be mad at me f it does."-Detroit Free Press.

Criminal Offense. Yeast-"He says he wrote that poen in an unguarded moment." Crimsonbeak-"Yes; he means it was written before he went to jail."-You-

kers Statesman.

Went Too Far. An unsuccessful lover was asked by what means he had lost the object of his affections "Alas," he said, "I flattered her till

she got too proud to speak to me." Society Improvement, Miss Summit-"How that young Monroe girl has improved!" Miss Palisade-"Hasn't she? Why, I

can remember when she was such a modest little thing."-Town Topics. Twice as Good. "I see the agent has sold yez a carpet sweeper, Mrs. Maginnis. Is it as good

as the old-fashioned broom?" "It is an' better, Mrs. Mulduckie, can knock Maginnis twice as far wid ditional mishaps because of our negit."-Tit-Bits.

Popular Airs. Mr. Gabler-"So Mrs. Hyfly's husband comes down every week to the tune of \$50 for her?" Mrs. Gabler-"Yes; and yet you said other."-Judge.



Willie Sappley-"To-day I thought of two things at once. I wonder if we have two brains?"

Vera Smarte-"Well, between you and me, Mr. Sappley, I think we have only one."

Advantage of Leap Year. "They are going to be married on the

29th of February. "Sensible couple." "In what way?"

"Why, the date will not constantly be coming up to remind them of the oceasion."-Judge. The Irish of It.

ver husband suffers from insomny. My can be bought for a trifle.-Detroit husband had the same complaint, but Free Press. he cured it."

"How did be, now?" "Sure, he became a night watchman." -Brooklyn Life.

Not Such a Bad Shot. Gayboy (time 1 a, m.)-"I say, old chap, isn't this a little late for you to be out? Aren't you afraid your wife

will miss you?" Enpeck-"I hope she will, but she can throw pretty straight for a woman." -Illustrated Bits.

No Place to Go. "Great Scott, Maria! You're not going to begin housecleaning now, are

you?" "Of course. Why not?"

"Why, they've closed up my club for repairs. I'll have to walk the streets." -Chicago American.

Caught in His Own Trap. Hardup-"I'm very sorry, but I can't pay you to-day. You see, the grocer had just been here, and-

Butcher (interrupting)-"Yes, I just met him, and he said you put him off because you had to pay me. So here's the bill."-Tit-Bits.

At the Ball. He-"Who is the girl with the delusion dress?" She -"You mean illusion."

He-"No; I mean delusion. She is

very plain in the face, but her gown

is so stunning it makes her look really beautiful."-Detroit Free Press. His Excuse. "No," said a citizen, when asked if he would contribute anything to the re-

I will." "Can't afford it, eh?" "It isn't that, but the last time I gave something for charity one of the papers spelled my name wrong."

His Yearn. Poor Feeble (about to be operated on have our pastor, the Rev. Mr. Harps,

Dr. Cutter-"Certainly, if you wish it, out-ah-"

#### Household Matters

The " Little Foxes."

Remember, it is the little foxes that spoil the vines, and, in like manner, it is the little rips, rents and tears, missing hooks, torn off buttons, ragged buttonholes and neglected tapes that spoil the usefulness of our garments. These little neglects bring upon us, also, the name of being untidy. badly dressed and slovenly. Not only in the matter of one's garments are these little offenses against neatness apparent, but the careless condition of the hair, the dingy neckwear, the flowing shoestring, the wrinkled hose, the uneven hanging of the skirt, and the general tossed-on appearance of everything we wear at our work. One cannot go slipshod and untidy six days in the week without some ravellings ripped from the garment of habit trailing after us on the seventh. Habitual untidiness cannot be hidden. If there is a rent or rip in the clothing, it is much easier to mend at once, than to wait until a patch is required where a stitch would have sufficed if taken in time. A rip or a rent never grows less, if left to itself; no button ever, of itself, attaches itself to a garment. To put away a garment needing even small repairs, is surely laying up trouble for another day, when, in an emergency, we have imperative need of its wear. A few stitches in time may save us hours' of work at a time when we can illy spare it, and in many cases the garment is rendered useless by adlect.-The Commoner.

Washing Ribbons.

Women who study the subject of

looking their best bestow the greatest amount of attention on their neckwear, and keep their ribbons dainty and fresh-looking by frequent cleanings and pressings. Many use gasoline for cleaning ribbons, and it cleans readily, but is apt to leave a vellow tinge in delicate colored ribbons, and there is nothing better for cleaning ribbons than a suds of soft water and castile soap. Wash the ribbon in this, but do not rub soap directly on the fabric, and after washing, rinse two or three times in clear water. Ribbon must never be rubbed, and the best way to clean it is to place each piece on a smooth table and use a piece of the ribbon for a sponge, unless the ribbon is very stiff, when a small brush | One man in a small tower runs the can be used to better advantage. The last rinse water should contain a little salt for delicate shades of pink, while lilac and violet may be set with alum. using a small lump to a quart of cold water, and vinegar is good for the different shades of green. The best way to dry short lengths of ribbon is to press them smoothly over a clean window pane, and long pieces can be dried by stretching as smoothly as possible and laying them on a clean board, and if the ribbon has not been wrinkled in the cleaning process, the pieces will dry perfectly smooth and will need no ironing. Black ribbon can be freshened by sponging with well strained cold coffee or with equal parts of alcoarabic water and leave it to dry. The ribbons may be kept free from wrinkles by smoothing them out after each wearing and winding them over a roller, and there is nothing better for "I'm sorry, Mrs. O'Toole, to hear that this than a small toy rolling pin which



Scotch Scones-To one quart of sifted flour add four level teaspoonfuls of baking powder; cut into this one-fourth cup of lard and one-fourth cup of butter; add one teaspoon of sugar; beat one egg until light and add to it two cupfuls of milk; toss this on a floured board; roll out half an inch thick; cut in three inch square pieces; fold in half to form three corner pieces; bake on a hot griddle very slowly.

Vanilla Cream Stick-Boil three pounds of granulated sugar with half a pint of water, let it dissolve slowly on a cool part of the range, then add a large tablespoonful of vinegar and a a little water. Boil until brittle: revanilla, peppermint or cinnamon, only work quickly. Rub the hands with sweet oil or butter, and pull vigorously till the candy is white; twist or braid it, or pull into long, thin strips, and cut

Baked Apple Pudding-Half a pound of lemon, four eggs, puff paste. Pare, core and cut up the apples, put them in a stewpan with only sufficient water to prevent them from burning and let them stew slowly until reduced to a pulp. Weigh the pulp and to every half pound add half a pound of sugar, the grated rind of a lemon and four well-beaten eggs. Beat these ingredients well together, then melt the butter and stir it in with the other ingredients. Put a border of puff paste round a pie dish, pour in the mixture and bake for rather more than half an hour.

Oldest Hoosier Editor. John Milliken, the oldest editor in the State of Indiana, lives in Crown Point, in good health and at the age of eighty-nine years. He is still connected with the Lake County Register. temper wash of pleasing tone.-Lancet.

## DOPULAR

New theories of the origin, formation and growth of the earth, and of thermal distribution, are advanced in a new book on geology, written by Professors Chamberlain and Salisbury, of the department of geology at the University of Chicago.

\_\_\_\_\_TURN SPEN A yield of five cubic feet of acetylene gas from every pound of calcium carbide is guaranteed by manufacturers in the United States. In Germany acetylene gas is mixed with a gas of lower candle power, containing about twenty-five per cent, acetylene, and used in railway cars.

"The attainment of the North Pole," says Lieutenant Peary, "means the ability to so refine and perfect one's equipment, supplies and party as to be able to cover a distance of 500 miles each way without caches and without support from the country, and to cover this distance in a time limit of three, cr, at most, three and one-half

The large anthropoids of Borneo and Sumatra are usually called orang outangs. This form it seems is not correct. Orang signifies man, and outang or utang debt, something owing. So that orang outang would simply meau, a man in debt. The correct Malay name is orang utan, or outan; this signifies the forest man in distinction to orang dusan or village (civilized) mau.

. The recent news of the sinking of the level of the Sea of Azof, threatening some of the commercial interests of Russia, is supplemented by a report that the Aral Sea and Lake Balkash, the first 1000 and the second nearly 2000 miles east of Azof, are rising, although up to 1891 the Aral Sea had for many years been sinking. Some geologists think these changes are due to flow upheavals and subsidences of the earth's crust.

Not long ago a fruit company that imports about 7,000,000 bunches of bananas a year grew fired of the slow process of unloading by long lines of natives. The fruit was often bruised and the stems broken. A machine similar to the "carrier" of a thrashing machine was devised, one end of which reaches into the hold of the ship. It then runs upward a few feet above the deck and then down to the wharf. machine that carries the bananas easily into canvas pockets. With three hatches the machinery unloads, without bruising, 15,000 bunches an hour.

At a recent meeting of the Royal Meteorological Society in London the origin of the great dustfall which surprised Southern England in February, 1903, was explained in an elaborate paper by Dr. H. R. Mill and Mr. R. G. K. Lempfert. Py a study of the weather-maps it was shown that dust, which formed a dense yellow haze, like a London fog, and lay thick on trees and roofs, originated on the northwest coast of Africa, and after riding out in a great cloud, far over the ocean, to hol and water, and if any stiffness is | the neighborhood of the Azores, turned desired, rub the ribbon with thin gum | to the northeast and was sprinkled over England. When swept up it resembled

> a fine reddish-yellow powder. It has been known for some time that the rare gas, helium, emanates in very small quantities from the hot spring called the King's Bath, at Bath, England. Recently traces of radium are said to have been found in a deposit from another of the springs at Bath. The discovery by Sir William Ramsay that helium spontaneously forms a gaseous emanation given off by radium leads R. J. Strutt, who has examined the deposits of the Bath springs, to express the opinion that radium exists in considerable quantity deep in the earth beneath the springs, and that the helium gas found in the water originates from the deposit of

radium beneath.

Chinese Geographical Names. A few definitions of Chinese geographical prefixes and suffixes may be of service in clucidating the nomenciature of current war news. First, prefixes: Ta, as in Taku, means great and siao, as in Siao-Ping-Thou, means small. Pel or pe, nan, tung and si are, respectively, north, south, east and west. Thus, the Pei-Ho is the North River, etc. Shang and hai are upper teaspoonful of gum arabic dissolved in and lower. Pai, hei and whang are white, black and yellow. Suffixes are move from the fire and flavor with | more numerous and familiar. Kiang. ho, tchuan, ula, muren and tchu each and all mean river. Thus, Yalu Kiang and Liao Ho are simply Yalu River and Liao River. Shui, kou, thsuan, khi, gol, and ussa are unfamiliar terms. meaning a brook or small river. Hu, nor and omo mean lake, as in the wellof pulp of apples, half a pound of loaf tse and tien mean a small lake or known Lor Nor and Kosso Gol. Po, swamp, or a town situated near such a place. Hai means sea; thus, Whang-Hai is the Yellow Sea, Tung-Hai is the Eastern Sea and Nan-Hai is the Southern Sea. Tao, and sometimes shan, means island, but shan more often means a mountain range. Ling is a pass over a mountain range.-Boston Transcript.

Ventilation Through the Walls, The fact is that considerable ventilation is capable of taking place and quite a large exchange of fresh for bad air is effected through the walls of buildings. Many a room that is notoriously "stuffy" could doubtless be made pleasant to live in by removing the solid paper or impervious coat of paint from the wall and substituting porous paper, or, better still, giving up paper altogether and using a dis-