over a wide moor full of treacherous

My gun over my shoulder, I had

walked on for about three-quarters of

an hour, and had nearly traversed the

wood, at that hour so dark that I had

considerable difficulty in finding my

way, when-of a sudden-I fancied I

I halted. Yes. Men were talking

in low tones of confidence, and in that

calm stillness of evening they appeared

I listened, trying to distinguish the

words uttered, but could make out

nothing. They were moving slowly to-

gether, in close vicinity to myself, for

could hear the boughs cracking as

Of a sudden, while standing there

they forced their way through them.

not daring to breathe lest I should be-

Next moment I realized that I was at

that place where Leithcourt so persist-

ently kept his disappointed tryst, hav-

ing approached it from within the

The sound alarmed me, and yet it

was neither an explosion of fire arms

One word reached me in the dark-

ness-one single word of bitter and

Heedless of the risk I ran and the

peril to which I exposed myself, I

dashed forward with a resolve to pene-

held me rigid, appalled, stupefied.

ever revealed to any man.

the narrow path.

was a thick woolen one.

manded who was there.

feet was a woman. But who?

In that instant I realized the truth-

CHAPTER V.

Contains Certain Confidences.

plain that she had been struck down

I felt in my pocket for my vestas,

but unfortunately my box was empty.

There was, however, no response

The instant I spoke the movement

just distinguish a dark figure receding

glens-which. I could not decide

to act.

had surprised?

I stood out of breath, the perspira

That idea somehow became im-

and ascertain for myself. Therefore,

with the excuse that I was belated on

my walk home, I turned back down

the glen, and half an hour afterward

entered the great well-lighted hall of

the castle where the guests, ready

dressed, were assembling prior to din

then Leithcourt himself joined his

As I dashed forward to the gap in

fell upon my eager ears.

nor a startling cry for help.

withering reproach.

at sundown.

wood.

distinguished voices.

bogs and pitfalls for the unwary.

The yacht Lola narrowly escapes wreck to Leghorn harbor. Gordon Gregg, locum tenens for the British consul, is called upon by Hornby, the Lola's owner, and dines aboard with him and his friend. Hython Chater. Aboard the yacht he accidentally sees a room full of arms and ammunition and a torn photograph of a young girl. That night the consul's safe is robbed and the Lola puts suddenly to sea. The police find that Hornby is a fraud and the Lola's name a false one. Gregg visits Capt. Jack Durnford of the marines aboard his vessel, and is surprised to learn that Durnford knows, but will not reveal, the mystery of the Lola. "It concerns a woman." In London Gregg is trapped nearly to his death by a former servant, Olinto, who repents in time to save him, but not to give a reason for his treachery. Visiting in Dumfries Gregg meets Muriel Leithcourt, who is strangely affected at the mention of the Lola. Hornby appears. Muriel introduces Hornby as Martin Woodroffe, her father's friend.

CHAPTER IV .- Continued.

"Of course. They've been engaged nearly a year, but he's been abroad until quite lately. He is rather close about his own affairs, and never talks though one day Mr. Leithcourt declared that his hairbreadth escapes day." would make a most exciting book if ever written "

"Leithcourt and he are evidently most intimate friends."

quite inseparable!" laughed. "And the other man who is always with them is that short, stout. of coming up to us again." red-faced old fellow standing over there with the lady in pale blue, Sir said so," she whispered. "They don't ence. call him that to his face, but it's so easy to make a mistake in his name when he's not within hearing. We pressed upon me that her marriage women don't care for him, so the nick-

And she gossiped on, telling me much that I desired to know regarding the new tenant of Rannoch and his be revealed. There was a distant look friends, and more especially of that of unutterable terror in those dark man who had first introduced himself eyes as though she existed in some to me in the consulate at Leghorn.

Half an hour later my uncle's carriage was announced, and I left with the distinct impression that there was some deep mystery surrounding the Leithcourts. Whatever the reason, I had become filled with grave apprebensions. The mystery grew deeper day by day, and was inexplicable.

During the week that followed I sought to learn all I could regarding the new people at the castle.

"They are taken up everywhere," declared my aunt when I questioned "Of course, we knew very little of them, except that they had a shoot up near Fort William two years ago, and that they have a town house in Green street. They are evidently rather smart folks. Don't you think

"Judging from their house party, yes," I responded. "They are about as gay a crowd as one could find north of Carlisle just at present."

"Exaxetly. There are some wellknown people among them, too," said my aunt. "I've asked them over tomorrow afternoon, and they've ac-

"Excellent!" I exclaimed, for I wanted an opportunity for another chat with the dark-eyed girl who was engaged to the man whose alias was Hornby. I particularly desired to ascertain the reason of her fear when I had mentioned the Lola, and whether she possessed any knowledge of Hylton Chater.

The opportunity came to me in due course, for next afternoon the Rannoch party drove over in two large brakes, and with other people from the neighborhood and a band from Dumfries, my aunt's grounds presented a gay and

As I expected, Woodroffe did not accompany the party. Mrs. Leithcourt, a slightly fussy little woman, apologized for his absence, explaining that he had been recalled to London suddenly a few days before, but was returning to Rannoch again at the end of the week. "We couldn't afford to lose him,"

she declared to my aunt. "He is so awfully humorous-his droll sayings and antics keep us in a perfect roar each night at dinner. He's such a perlect mimic."

I turned away and strolled with Muriel, pleading an excuse to show her my uncle's beautiful grounds, not a whit less picturesque than those of the castle, and perhaps rather better through the shooting season, in order

"I only heard yesterday of your en-

gagement, Miss Leithcourt," I remarked presently when we were alone.

One Need Not Go Far From the Haunts of Man to Hear Bird's Sweet Strains.

One of our great American natural ists once went to England in hope to bear the nightingale. Although he wandered for many miles over Surrey and Hampshire, his search was wellnigh fruitless. Had he gone no farth. California Newsboy Lost Nothing by er than the outskirts of London, he might have fared better. There are still certain spots in the suburbs to which the nightingale returns year after year.

One of them is Wimbledon Common where the bird sings every spring, often, however, quite unrecognized by those who hear him. It is commonly believed that because, as all the world knows, the nightingale sings by night, he keeps silence during the day. Never was delusion more ill-founded. It Someone remarked that for his part might be in part accounted for if the he let the newsboys find their own bird were of a particularly timid and change. fearful nature. But he is not; in fact. nightingales are, as a rule, least shy the man with the newspaper. "Come out .- Columbus State.

tions. When you introduced me to Mr. Woodroffe the other day I had no idea that he was to be your husband." She glanced at me quickly, and I saw in her dark eyes a look of suspicion.

Then she flushed slightly, and laughing uneasily said, in a blank, hard "It's very good of you, Mr. Gregg, to

wish me all sorts of such pleasant things." "And when is the happy event to

take place?"

"The date is not exactly fixed-early next year, I believe," and I thought she sighed.

"And you will probably spend a good deal of time yachting?" I sug- tions, yet he always arrived at the gested, my eyes fixed upon her in or- same spot at the same hour-five der to watch the result of my pointed o'clock. remark. But she controlled herself perfectly "Mr. Woodroffe has gone up to town,

"Yes. He received a wire, and had to leave immediately. It was an awful that he arrived just at five, and re-

your mother says."

about his travels and adventures, al- bore, for we had arranged to go for a mained there smoking cigarettes until picnic to Dundrennan abbey yester- half-past, as though awaiting the ar-"But he'll be back here again, won't

"I really don't know. It seems quite and knew the wood well, and was able uncertain. I had a letter this morn- to watch the tenant of Rannoch from ing which said he might have to go over to Hamburg on business, instead There was disappointment in her

voice, and yet at the same time I Ughtred Gardner. Mr. Woodroffe has could not fail to recognize how the micknamed him 'Sir Putrid.' And we man to whom she was engaged had both laughed. "Of course, don't say I fled from Scotland because of my pres- him when we first came here, but he

As we passed along those graveled walks it somehow became vividly imwas being forced upon her by her parents. Her manner was that of one who was concealing some strange and terrible secret which she feared might constant and ever-present dread. Of



The Picture Was That of a Young Girl.

course she told me nothing of her own feelings or affections, yet I recognized in both her words and her bearing a curious apathy-a want of the real enthusiasm of affection. Woodroffe, much her senior, was her father's friend, and it therefore seemed to me more than likely that Leithcourt was pressing a matrimonial alliance upon his daughter for some ulterior motive. She was perplexed; she longed to confide and seek advice of someone, yet by reason of some hidden and untoward circumstance her lips were sealed.

I tried to question her further regarding Woodroffe, of what profession he followed and of his past, but she evidently suspected me, for I had un-

fortunately mentioned the Lola. Martin Woodroffe did not rejoin the house party at Rannoch. Although I remained the guest of my uncle much longer than I intended, indeed right to watch the Leithcourts, yet as far as mine-Elma Heath." we could judge they were extremely well-bred people and very hospitable. We exchanged a good many visits and

SONG OF THE NIGHTINGALE | where they are most accustomed to | out here and look at him." Two or

man's presence. Not only does this much misunderstood bird (some nightingales, of course, more than others) sing at intervals all day long, but he appears at times to take delight in singing to a crowd.

HAD CONFIDENCE IN PEOPLE

Trusting to the Honesty of His Customers.

Most people are honest; so, at least, reasons a newsboy in a California town, and he has clear justification for his confidence. The reporter of the following incident was in a downtown drug store when a stranger came in with a copy of a newspaper, and asked change for a dime. He said that he wanted to pay for his newspaper.

"This newsboy cannot do it," said

three bystanders stepped to the door, expecting to see a crippled boy with a pile of newspapers to sell. Instead. they saw a tin can with a hole in the top large enough to admit a nickel; a pile of newspapers lying upon the walk, and a eard fastened to the can,

reading: "Gone to Sunday school for one hour. If you want a paper, take one. and put your nickel in the can."

The can and pile of newspapers stood unprotected on the walk for more than an hour, while their little owner was at Sunday school. Men who passed by and were attracted by the rather odd little news stand would stop, read the sign, pick up a paper and put a nickel—and sometimes a dime—into the little tin can. When the boy returned from Sunday school he found all his newspapers gone, and more nickels in the tin can than there were papers when he left.

Simple. If thy hyphen offend thee, pluck it

dinners, and while my uncle several "Long ago?" imes invited Leithcourt and his friends to his shoot with al fresco

being a confirmed bachelor, and on ac-

Her father, on the other hand,

that I was only asked to Rannoch be-

His pronounced antipathy towards

me caused me to watch him surrepti-

tiously, and more closely than perhaps

I should otherwise have done. He was

would leave his guests and take walks

alone, musing and brooding. On sev-

eral occasions I followed him in secret,

and found to my surprise that although

he made long detours in various direc-

The place where he halted was on

the edge of a dark wood on the brow

noch. Leithcourt never went there di-

rival of some person he expected.

In my youth I had sat many a quiet

hour there in the darkening gloom

points where he least suspected the

presence of another. Once, when I

her father's capacity for walking alone,

"Oh, yes, he was always fond of

walking. He used to take me with

always went so far that I refused to

She never once mentioned Wood-

roffe. I allowed her plenty of oppor-

tunity for doing so, chaffing her about

her forthcoming marriage in order that

she might again refer to him. But

never did his name pass her lips. I

understood that he had gone abroad-

Often when alone I reflected upon

my curious adventure on that night

when I met Olinto, and of my narrow

escape from the hands of my unknown

enemies. I wondered if that ingenious

and dastardly attempt upon my life

had really any connection with that

strange incident at Leghorn. As day

succeeded day, my mind became filled

by increasing suspicion. Mystery sur-

rounded me on every hand. Indeed,

by one curious fact alone it was in-

Late one afternoon, when I had been

out shooting all day with the Rannoch

party, I drove back to the castle in

Muriel was seated upon the high

nadded fender-like those one has at

spot for the ladies, especially after

ly and handed me my cup, exclaiming

"Yes, I was after snipe, and slipped

in a frame of crimson leather.

The merry eyes laughed out at me

"What a pretty girl!" I exclaimed

quickly, concealing my surprise. "Who

My companion was silent a moment,

"Yes," she laughed, "everyone ad-

"Heath!" I echoed. "Where was

mires her. She was a schoolfellow of

her dark eyes meeting mine with a

strange look of inquiry.

she at school with you?"

"At Chichester."

board the Lola!

wilderment.

is she?"

creased a hundredfold.

at evening.

are in!"

dried."

as she looked at me:

whereupon she said:

go any more."

that was all

uncle without including myself.

foliage.

"A little over two years ago."

"She's very beautiful!" I declared. luncheon, which the ladies joined, the taking up the photograph and discovering that it bore the name of the same tenant of Rannoch always invited us well-known photographer in New Bond Thus I gained many opportunities of street as that I had found on the caralking with Muriel, and of watching pet of the Lola in the Mediterranean. "Yes. She's really prettier than her her closely. I had the reputation of

count of that it seemed that she was "And where is she now?" in no way averse to my companion-"Why are you so very inquisitive, ship. She could handle a rook rifle as nearer to me than they actually were. well as any woman, and was really a Mr. Gregg?" laughed the handsome very fair shot. We often found our- girl. "Have you actually fallen in love

photograph. It hardly does her jus-

selves alone tramping across the wide with her from her picture?' open moorland, or along those delight-"I'm hardly given to that kind of ful glens of the Nithsdale, glorious in thing. Miss Leithcourt," I answered their feet stirred the dry leaves, and I the autumn tints of their luxurious with mock severity. "I don't think even my worst enemy could call me a flirt, could she?"

seemed to view me with considerable "No. I will give you your due," she suspicion, and I could easily discern declared. "You never do flirt. That tray my presence, a strange sound is why I like you." cause it was impossible to invite my "Thanks for your candor, Miss Leith-

court." I said "Only," she added, "you seem smit-

ten with Elma's charms." "I think she's extremely pretty," I

remarked, with the photograph still in a man of gloomy mood, and often he my hand. "Do you ever see her now?" "Never," she replied. "Since the day I left school we have never met. She was several years younger than myself, and I heard that a week after I left Chichester her people came and took her away. Where she is now I have no idea. Her people lived somewhere in Durham. Her father was a trate the mystery, until I came to the

"Then you have heard absolutely Leithcourt's habit was to halt each day of a hill about three miles from Rannothing as to her present position or whereabouts-whether she is married. rect, but always so timed his walks for instance?"

"Ah!" she cried mischievously. "You betray yourself by your own words.



I Listened, Trying to Distinguish th Words Uttered.

the Perth cart with three other men, You have fallen in love with her, I log fire was blazing in the huge old she ought to be." grate, for in October it is chilly and

At which I smiled, preferring that damp in Scotland and a fire is pleasant she should adopt that theory in preference to any other.

She spoke frankly, as a pure honest girl would speak. She was not jealous. clubs-which always formed a cozy but she neverthless resented-as women do resent such things-that I should dinner. When I entered, she rose quick- fall in love with a friend's photograph.

There was a mystery surrounding that torn picture: of that I was abso-"Oh, Mr. Gregg! What a state you lutely certain. The remembrance of that memorable evening when I had dined on board the Lola arose vividly into a bog," I laughed. "But it was before me. Why had the girl's porearly this morning, and the mud has trait been so ruthlessly destroyed? Hour by hour the mystery surrounding "Come with me, and I'll get you a the Leithcourts became more inscrutbrush," she urged. And I followed her able, more intensely absorbing. I had through the long corridors and up- searched a copy of the London direcstairs to a small sitting-room which tory at the Station hotel at Carlisle, was her own little sanctum, where she and found that no house in Green worked and read-a cozy little place street was registered as occupied by with two queer old windows in the the tenant of Rannoch; and, further, colossal wall, and a floor of polished when I came to examine the list of oak, and great black beams above. As guests at the castle, I found that they my eyes wandered around the room were really persons unknown in society. Leithcourt seemed to possess they suddenly fell upon an object which caused me to start with pro- a long pocket and smiled upon those found wonder-a cabinet photograph parasites, officers of doubtful commission and younger sprigs of the pseudo-aristocracy who surrounded ner. The picture was that of a young girl -a duplicate of the portrait I had him, while his wife, keen-eyed and of found torn across and flung aside on superb bearing, was punctilious concerning all points of etiquette, and at guests, ready dressed in his dinner the same time indefatigable that her jacket, having just descended from his as I stood staring at it in sheer be- mixed set of guests should enjoy a room. really good time.

Next day I shot with the Carmichaels of Crossburn, and about four o'clock, day of it, evidently. Good sport with after a good day, took leave of the party in the Black Glen, and started off alone to walk home, a distance of about six miles. It was already growing dusk, and would be quite dark, I home, so looked in for a refresher." knew, before I reached my uncle's house. My most direct way was to follow the river for about two miles I'd have been annoyed if I knew you and then strike straight across the large dense woods, and afterwards

FRANCIS JOSEPH VERY SPRY | study lies an immense map with small

Aged Emperor of Austria Equal to the Situation, Extreme Though It Must Be Admitted.

Francis Molnar, war correspondent in the Carpathians of Az Est, gives an interview with an officer of high rank. who had had an audience of Emperor Francis Joseph a few days previously in Vienna. The officer said:

"I spent half an hour in the working room of his majesty, and found him to be much more lively and agile than at any time during the last years when I saw him. During the audience the emperor walked up and down the room. He was always noted for his excellent memory, but what I saw in regard to this now was really marvelous. His majesty knows the name of the commander of every regiment, and even now is well informed as to changes taking place in commanders of brigades and regiments.

"He is informed every day as to the work being done by all the war material factories. On the table in his of sun and its few known planets.

flags indicating the position of the fighting forces. "Cordial relations exist between his

had passed without coming in."

majesty and the heir apparent. The emperor speaks highly of the young

Carmichael-eh?"

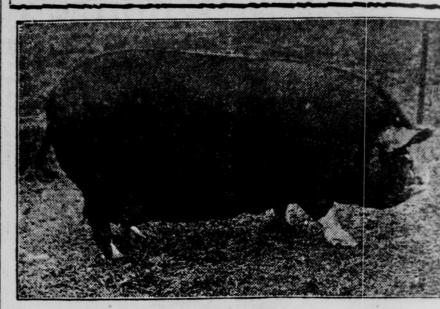
king speaks very highly of the young heir and is extremely proud and fond "His medical advisers do not willing-

ly consent to his drives out, though he asks them daily to allow him to visit the wounded soldiers in the hospitals. The few visits he has paid to the hospitals have been small victories over the doctors."

No "Fixed Star."

The phrase "fixed star" is a mis omer. There is no such thing. All the millions of stars one sees in the vault of the sky, and millions, vastly more millions, revealed by telescopy and photography, with undoubted uncountable other millions of millions. billions of billions, in the universes of the infinite beyond, have their movements, whether in groups or whether by single suns each, with its retinue

FOUNDATION UPON WHICH HERD IS BUILT



Good Sire Headed the Herd in Which This Animal Was Raised

(By WILLIAM G. CHRISMAN.) tions with which the breeder has to mand. ieal. Why?

Because the sire is the foundation gap in the rough stone wall where upon which the herd is built; just as no good structure can be erected with- swine numbering over two hundred out a firm foundation, neither can a There, in the falling darkness, the good herd be established without a sight that met my eyes at the spot good sire at its head.

In selecting a head for your herd, a truth that was surely the strangest the record must be closely examined, spotted. Let us look at the sire. He not only of this particular animal, but | was of the nondescript class neither also the record of his sire and dam a bacon nor a lard hog, with long for generations. If he is an animal nose, long legs, rainbow back and of good type, possessing the characteristics peculiar to his breed, and has well-established blood lines, you can the sizes, as I saw several six-months feel pretty well assured that he will the boundary wall of the wood, I nearly stumbled over a form lying across transmit these characteristics to his had purchased them. They averaged offspring. So dark was it beneath the trees

one-half of the foundation of the herd, from lack of feed, for they were well that at first I could not plainly make out what it was until I bent and my it is much cheaper, from a business hands touched the garments of a wom | standpoint, to purchase and maintain | an. Her hat had fallen off, for I felt one good animal that represents so it beneath my feet, while the cloak much blood of the herd and has such a marked power or influence upon Was she dead, I wondered? That the characteristics of such a large numcry-that single word of reproach- ber of animals. In raising animals of any kind one of raising. sounded in my ears, and it seemed

I object should be to produce as many The selecting of the head of a herd as possible of the same general wellis a question which deserves much fixed characteristics: uniformity of more thought and consideration than size, style, conformation, general qualthe average farmer thinks when the ities and color markings. The nearer subject first presents itself; and yet a lot of animals conform to the same it is one of the most important ques- ideal the higher price they will com-

Just to give an example of a poor selection of a sire, I will cite a case I saw recently. It was a herd of There were ten brood sows-no two alike in any respect, color not excepted, as black, red, white and black spotted, as well as some red and white large ears. What would you be willing to pay for such pigs? I can give you old pigs weighed by the butcher who 53 pounds! Just think of it! On Since the male represents exactly weighed 61 pounds, and it was not fed twice a day.

This shows the influence the sire has on the herd. Had this breeder kept a good sire, he would have raised an entirely different lot of pigs and some in which a profit could be an ticipated over and above the expense

NITRATE PRODUCERS

Should Be Depended Upon to

Act as Soil Benefactors.

"The legumes as a source of nitrate

LEGUMES ARE GOOD

ESSENTIAL TO KEEP ALL PIGS THRIFTY

someone moving stealthily among the One of Most Important Things Is On Average Farm Such Crops to Stop Leaks and Get Rid of the Boarders.

A large part of the profits in hog It seemed evident that a tragedy had raising depends on the thrift and are rather too slow in action to give occurred, and that the victim at my health of the herd. The pig that is real immediate profits when used to Of a sudden, while I stood hesitat- stunted never is so profitable as the produce great money crops." Tals is ing, blaming myself for being without one that is kept thrifty and growing. the statement made by an advocate of One of the most important problems | the use of nitrate of soda on American matches, I heard the movement repeated. Someone was quickly reced- hog growers have to solve is to stop soils. ing-escaping from the spot. I sprang the leaks and get rid of the boarders, and found the ladies assembled in the great hall with tea ready. A welcome she'd be most gratified—or at least, quickly beneath the wall of the wood. In an instant I dashed after it, Down year such as the past one has been, is much better from having grown the the steep hill to the Scarwater I fol. but it will not utilize the feed grown legumes than if nitrate of soda had lowed the fugitive, crossing the old on the farm and keep up the soil fer- been used and no legumes grown

footbridge near Penpont, and then up tility. a wild winding glen towards the Cairnmore of Deugh. For a couple of to the best advantage is one of the when furnished us in this form. And miles or more I was close behind, until, at a turn in the dark wooded glen where it branched in two directions, I The successful farmer will provide crop when applied in the right lost all trace of the person who flew from me. Whoever it was they had pasture for his hogs every month in very cleverly gone into hiding in the enough grain in addition to the pas- on poor land, as an application to or undergrowth of one or other of the two tion pouring from me, undecided how Was it Leithcourt himself whom I ing period, and that the greatest difpressed upon me, and I suddenly reference in the rations used during the solved to go boldly across to Rannoch two periods should be in the amount rather than in the kind of feed fed.

ERADICATE INSECTS IN POULTRY FLOCK

and Fragments of Feathers -Recipe for Powder.

"Hulloa, Gregg!" he exclaimed heart-It does not take long for lice to give ily, holding out his hand. "Had a long a flock of hens something to think about besides laying eggs. The offspring from a single pair of lice will in "Very fair," I said. "I remained eight weeks amount to 125,000. longer with him than I ought to have

These pests live on the production done, and have got belated on my way of the skin and fragments of feathers. "Quite right," he laughed merrily. "You're always welcome, you know as the violent itching and pain they manure is kept. cause. They spread rapidly as they breed. The lice from one hen may spread through the entire flock. Lice the one most likely to be infested. Provide the flock with a dust bath

and apply the following homemade add enough plaster of paris to take up the liquid and mix thoroughly. Spread loss is supposed to be 10 per cent. out and let dry. If it is too lumpy run through a sieve. Store away in tight cans. Work this powder well into the feathers, especially in the fluff and unmake a thorough job of it.

Poor Soils for Alfalfa. Alfalfa will not grow where the soil is acid or wet or where the subsoil is too hard. If you have soil that has any of these things the matter with it, you would do well to attend to it if you desire to grow crops of any kind that are worth while.

Trim Tree Suckers. Suckers that start from the trunks of trees should be promptly trimmed off. They are neither useful nor ornamental, but they sap the vigor of the Such a statement should not lead

vent direct losses in an occasional year. The second year the soil itself Legumes are our natural nitrate pro-

Failure to use the feeds available ducers. The nitrogen is cheaper, too. biggest leaks in the hog business. It yet we should remember sodium niis poor policy to try to raise and fat- trate for its value in getting quick reten hogs on pasture without grain. sults. It is beneficial to almost every amounts and at the right time. For the year if possible, and he will feed quick results when starting a pasture ture to keep his breeding hogs in good | chard soil for hastening fruit, in marcondition. The grain fed ought to ket gardens where crops demand much provide some growth material as well nitrogen, and in many other places as fat-forming material. Loss often is sodium nitrate is indispensable. Such due to a failure to recognize the fact crops as potatoes, garden and truck that the fattening period with most crops grown in colder sections need hogs is but a continuation of the grow- quick-acting nitrates in addition to le gume nitrogen to push the crops be fore the organic source is ready.

But on the average extensive farm let us depend largely upon the legume UNNECESSARY LOSS

IN MANURE HEAPS

I was welcomed warmly, and just Pests Live on Production of Skin Escape of Nitrogen Through Heating Where Piles Are Deep Is Considerable.

City manure can be bought more cheaply in some seasons of the year than in others. It is common practice to throw the carloads of manure in large piles to wait for use later on.

The chief losses come through heating and leaching when manure is left It is not so much what they get as exposed. The amount of loss depends nourishment from the fowl that hurts, upon the conditions under which the Heaps may be made so deep that

there is relatively small loss from leaching, but in such case the escape breed most rapidly in poorly venti- of nitrogen through heating is very lated quarters and on poorly fed, weak great. Under average barnyard constock. The bird that looks sickly is ditions a loss from 25 to 50 per cent is expected from piles of manure exposed for a few months.

Even at the best, when manure is powder: To one part of crude car- kept under a roof and is hard packed bolic acid and three parts of gasoline, and is supplied with the right amount of moisture to prevent heating, the

Keep Cows Clean.

Send your cows to the pasture with clean flanks instead of leaving them der the wings. Repeat in ten days and incrusted with dried manure. And then watch the result.

> Cause of Breachy Animals. Poor pasture makes "breachy" animals. Fix the fence up good and strong, but see that the animals have

plenty of feed.

Humanity's Friend He who plants a fruit tree or a berry bush, or an ornamental shrub, is humanity's friend.

Cause of Thick Neck. Don't throw the dirt up around onions when cultivating them or you will have a lot of thick necks.