ILLUSTRATIONS BY RAY WA/TERS

Garrett Coust, a young man of New longer found footing in his thoughts: to was settled now; he would stay.

although he dislikes filackstock, the reait was settled now; he would stay. In the emotional stress of his unforceseen encounter with the woman that the safe that both for how with Kather that the safe that both and thought the bowstring. But now, basing his conclusions on what she nad told him of the personnel of the island, he saw without doubt that the safe that the bowstring been no other than that the begins his settled but at be begins his settled but at begins his settl

#### CHAPTER X .- (Continued.)

Coast decided to make himself a present of whatever benefit might be held to inhere in the doubt. He gained the rear entrance in a bound, with another found himself charging down the embankment, in whose treacherous composition of loose sand and gravel he struggled momentarily and vainly for a footing. Then he tell and rolled ingloriously, accompanied by a cloud of dirt, rubbish and small stones. At the bottom of a descent of some thirty feet he picked himself. up, unburt but shaken, just as a secand bullet ploughed up the sand two paces to one side.

There was no longer any question as to the identity of the target. Coast permitted himself a single, fleeting. upward glance, caught a cinematographic glimpse of the Chinamanlike some huge, ungainly bird in his loore, flapping garments, descending the bank-and turned and ran head-

Presently, some distance ahead, the shadowy proportions of the beached catboat took shape through the mist. For some reason Coast hailed it with a sob of hope: Heaven alone knows what manner of hope the sight of it held out to his dazed preceptions. He had merely a bewildered notion that if only he could hold out until he reached the boat it would afford him some sort of shelter-or else that he might stumble across some nondescript weapon of defence-a broken car-anything.

Somehow he did manage to gain the little vessel, and, with his pursuer pounding on not fifteen feet in the rear, doubled like a rabbit round its stern. He had a fugitive impression, as he passed, of a curious something crouching there; but with no time for recognition, or indeed for thought, he shot on, of a sudden painfully alive to the fact that he nad been mistaken, that there was no refuge for him

Then he pulled up on the sound of a heavy fall behind him-a dull crash followed by a short, stifled cry and a sharp crack as of two stones coming

He looked back in time to see the short, starved figure of Appleyard straightening up from the body of the Chinaman, to see the little man's halffriendly, half-apologetic smile, and to hear him say in a tone of quiet reassurance: "All right, old top. He's down and three times out."

Incredulous and half exhausted Coast staggered back to the boat.

The Chinaman iay like some mon strous effigy of man, inert, sprawling. with a sagging jaw, shut eyes and a ragged, bleeding wound in the middle of his forehead. A bit of driftwood-part of the water-bleached branch of a small tree-was twisted between his feet; a formidably jagged stone in Appleyard's hand eked out the story of his downfall.

"It wasn't anything," the little man smile, noting Coast's expression.

gested calmly.

"You-you've killed him?" Coast

"Um-m-no; sorry to say." Applethe Chinaman's hand. "Unfortunately jest stunned. . . Mebbe," ne turn out concussion of the brain, but" ing sense, and I'll prove it. Listen: afraid not. Those brutes are tough brains for an excuse to go back and as pig-tron. Still, I think I'm some establish yourself on No Man's Land promisin entry in the David and Go -persona grata to the inhabitants, Bath class-what? . . . Come along now: no time to waste."

He dropped the weapon into a pock- know that?" he breathed, thunderet, and seizing Coast's arm, began to struck. trot him along the beach in the disection of the Echo's dory.

ly, "what comes of going out alone. lot more than you ever dreamed. Next time I go calling, I want you to Furthermore, I'm for you. Now, with stay at home and keep out of mis- that entente clearly established, are at it!" chief. Now you hear me!"

CHAPTER XI.

While his crew was whipping the headed way and take your chances?" dory's headwarp round a deck-cleat. Coast stood in the cock-pit of the Echo, frowning thoughtfully at the was Katherine, there Blackstock, there trust me?" mystery, terror, death; . . . and there te himself must be, for her on," he said.

the last half-hour he emerged with do is to clear out of this. You get the conviction and understanding. She anchor up and I'll start the machinmust not be left alone in that place ery."

he had previously entertained no

mained there with the man he feared, cable, still dazed and almost inclined despised and hated.

Mr. Appleyard, having made tast to a waking dream. the dory, sat himself down, filled and "Good!" said the little man. "Now lighted his pipe, and for several mo- get below and change-you can't afments regarded Coast with a look at | ford to catch your death, standing once contemplative, penetrating and round in those dripping rags-and resympathetic. Then he chose to divert lieve me, that I may do the same. his employer with an enigmatic obser- Furthermore, I'd be glad of a drop of

"Silly of you," he remarked cootly.



Held His Breath Fearing He Was Discovered.

Coast came out of his abstraction | we're bound?" Coast inquired with with a start. "What's that?" he de- mild sarcasm. manded sharply

"I said: 'Silly of you.' " "What d'you mean by that?" "I mean," drawled the little man, and trying to make up your mind witness to the restorative power of we were only a bit better acquainted. eggs. or if you had a grain of perspicuity in your make-up, you'd have realised

long ago that you'd better leave it all to me. "What-!" stammered Coast, "What in thunder are you talking about?" Appleyard removed the pipe from

explained with his timid, makeshift his mouth and waved it comprehen--| sively toward the island. "That," he saw you coming-heard the shots to said, sententious, smiling sweetly up begin with-and made preparation ac- into the amazed face of his companion. cordin'. Lucky you chanced this "Your predicament," he added. "If you'd only stayed put. I'd have had He shrugged and cast away the everything fixed, but of course you stone that had served so famously. had to butt in and complicate matters. We'd better be making tracks before Not that I'm at all dismayed; I can the others came down on us," he sug still arrange everything satisfactorily, I think. But you oughtn't to interfere. If I didn't like you so much I'd be awful' vexed, honest I would!"

Coast sat down and gasped with yard moved to one side and picked astonishment and Irrational resentup the revolver which had fallen from ment. "Either you're mad!" he said

-"raving-or-" "You lose your first guess," the litadded, brightening momentarily, "it'll the man interrupted calmly. "I'm talk--be made a dublous mouth-"I'm you're cudgelling your-hmm!-

temporarily at least. Aren't you?" Coast's jaw dropped. "How do you

"I'm the best little guesser you ever met," replied Appleyard complacent-"You see," he commented severe ly. "Take it from me, I'm wise to a you willing to put yourself in my hands and rest easy in my assurance that you'll win out, or do you prefer to blunder on in your infatuated, bull-

"But-but-who are you? What do you know?" "I'm the man in the know in this biurred foom of land to starboard, case, all right. But that's not the whose shadow seemed to fall cold point. I'll explain, and to your satisupon his soul with a sinister presage faction, later. For the present, the of suffering and disaster. For there questions is: Will you or won't you

Coast made a helpless gesture. "Go

"Good enough. Now," Appleyard, rising, "the first thing to

"Tut, tut! Leave it to me; I'm the doctor, and I'm handing you the only

possible prescription, based on an exhaustive diagnosis of the symptoms,

et cetera. And you'd better hump

yourself. As things stand," the little

man paused to explain with a trace

of impatience, seeing that Coast made

no move and was on the point of interposing further objections, "we have

the advantage of our friends ashore.

We know who they are, but they don't

know us. But if we stick round here

it's only a question of time before we're discovered. Whereas, if we fold

our tent and silently beat it, we can

return anon (get that 'anon?') and

they'll have less excuse for identify-

to credit the preposterous situation

grog. We'll talk later."

"Not at all. This course ought to take us clear of Devil's Bridge," returned the little man helpfully.

Coast was in a more cheerful mood. that you're wasting valuable time too, when he returned, the confidence standing there with your hands idle and courage of his manner bearing what's best to be done about it. If plenty of hot coffee and bacon and

(TO BE CONTINUED.)

THE BOY AND THE BICYCLE Fat Man Moved to Remorse After Witnessing Effects of Anger on Bike and Boy.

A fat man was complacently pursuing his way through a cross street. He carried an open umbrella and occasionally wiped his moist face on a

large silk handkerchief. Suddenly around the corner came a small boy on a bicycle. He turned so quickly that the fat man had no time to get out of the way. Nor had the boy any chance to sheer away from

his bulky obstacle. The front wheel struck the fat man glancing blow, shaking his dignity and scraping his leg.

As for the boy, he and the bicycle vent down with a crash.' But the lad was up again in a moment and raising the bicycle bent over it solicitously.

The fat man was mad. He was so mad that he sputtered incoherently, and then with a vicious swing of one of his tan shoes kicked a spoke out of the offending wheel. "There," he roared, "I guess that'll

teach you not to ride on the sidewalk! The boy stared at the dangling

spoke. "What did youse do that for?" he whined. "It took me all the year to save up fer that bike-an' now look

And he knuckled his eyes with a grimy fist.

The fat man was touched. His rage suddenly vanished. He fumbled in his pocket and drew out a dollar bill. "There, kid," he said, "take this and get the wheel fixed."

grabbed the bill. "Say, youse can have th' bike," he yelled, and scooted around the corner

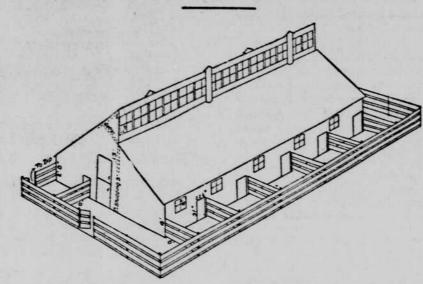
The boy let go of the machine and

as fast as his legs would carry him. A Good Business Man.

Doctor-"Now, Mr. Macdonald, I must take your temperature." Macdonald (nee Israels)-"Ach. but you cannot. Everything is in der name of my wife!"—Everybody's

### MANY HOG HOUSES DEFICIENT IN SUNSHINE AND VENTILATION

No Building on Farm Pays for Itself so Quickly and Is Responsible to Great Extent for Small or Large Litters - Ingenious Method of Outside Pens Shown in Illustration.



A Well-Built and Well Arranged Hog House, Showing Arrangement of Out-

the poorest building on the farm and \$275, or \$27.50 a pen. This includes

the least adapted to the purpose for the outside floor and pens. which it was intended. Good barns find. It is economy to put up first the buildings that will help most to make money. A large portion of the farmbarn before putting up a good house, saying "the barn will help build the house but the house will never help building the barn." This principle seems to be lost sight of when it comes to the hog house, yet no other building on the farm pays for itself so average about seven pigs raised to the litter and many surpass this record. eral average raised on the farm does in place. not exceed four pigs to the litter. This wide difference is very largely due to

ventilation, or in both.

breeders after careful study. It is a most serviceable structure and one of have proved so satisfactory that the out having them on the north side. owners are willing to duplicate them. This house has been copied by a numfor the extra inside pens.

and sided. The roof is shingled. The advantage is doubtful. The sunshine outside floors on the east, west, and will strike the floor in all pens several

(By J. A. WARREN, Formerly Assistant | 22 by 36 feet and contains ten pens. Agriculturist, United States Depart- It was built north of Omaha in 1905 On the average, the hog house is and cost, complete, including labor,

The gates across the alley all lift may be seen on a large proportion of off their hinges so they can be removthe farms, but are generally hard to ed or replaced in a moment. This arrangement makes it very convenient in sorting hogs to change them from one pen to another or to make extra ers recognize this and build a good pens when crowded. When swung across the alley the free ends of the gates fasten with common house-door bolts. By putting these on so the knobs turn up instead of down, the owner finds that hogs can not open them. If the knobs turned down the quickly. Unpublished data collected fronts of the pens next the alley are by the writer show that good hog men all loose panels which lift out. In this way the whole house can be made into one large room in a few minutes, noth-The same data indicate that the gen- ing but the pen partitions being left

The inside pens are 7 by 8 feet, except the middle one on each side. which is 8 by 8 feet. (The pens are Many houses which cost enough to irregular in width because the lumber be good are thoroughly unfit for the cut this way to better advantage.) purpose because the sun cannot shine The hog doors are 221/2 by 31 inches in into the pens. Nearly every large hog | the clear. The large doors are 3 by 6 house is deficient in either sunshine or feet, divided in the middle. The upper windows each contain four 12 by 14 The illustration shows a house built | inch lights and are set solid and close by one of the most prominent Duroc together. The lower windows each contain four 10 by 12 inch lights.

The most striking feature of this the best the writer has ever seen. It house is the ingenious way in which is one of the few hog houses that outside pens have been provided with-

The ventilators are 6 by 6 inches inside. The lower ends are 2 feet ber of farmers in the vicinity, some of above the floor and the upper ends whom, however, have made the mis- just above the comb of the roof. The take of building a longer house and south rafters are extended to meet the not making provision for outside pens | north rafters so that no studding are needed under the south edge of the The walls are sheathed, papered, north roof. Whether this gives any south are 6 feet wide. This house is hours a day after March 1.

#### **CRY OF "BACK** TO THE LAND" the crops on the farm for a given year are as follows: Field A restreet feld

Why So Many City Bred Men Make Failure at Farming.

(By PROF. J. W. SPILLMAN.) A special study of the equipment, management and income of a large number of small fruit and truck farms, many of them run by people field B. Cow-peas in field D would go who have recently come from the city, is being made by the office of field E would go to D, while E would farm management of the United States

department of agriculture. This study has given us somewhat a new point of view. In general these small farmers are not successful. This fact has led us to study the question more closely, and as a result a scheme for the management of a 40acre farm is outlined which seems to

The diagram shows a convenient scheme for subdividing forty acres to fit it for the cropping-system outlined. It will be observed that the forty acres are divided into eight five-acre tracts. One of these is set aside for what may be called the "homestead." These five acres are at the center on one side, and it is supposed that a public

road passes this side of the tract. Of these five acres, half an acre is the barn and barn lot. This space is ample for what we have in view. Onehalf acre is devoted to garden, one and a half acres to orchard and the remaining two acres to a paddock, into which to turn the stock for ex-

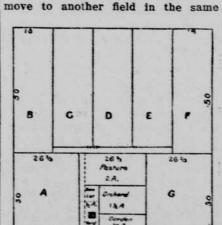
By judicious management these two acres can also be made to furnish are sown after second-year clover. some pasture and some soiling-crops. cabbage and onions are planted after The other seven five-acre tracts are potatoes, etc.

to be devoted to a seven year rotation. When this rotation is in full swing, are as follows: Field A, potatoes; field B, three acres of cabbage and two acres of onions; field C, corn; field D. cow-peas, field E, corn; field F, clover;

field G. clover.

The next year each of these crops would move to another field as follows: The potatoes would go to field G, which was in clover the year before. The cabbage and onions next year would go to field A. The corn on field C would go the next year to the next year to field C. The corn in

be sown in clover and F in clover. The next year each crop would



utilized for the house and yard and Forty-Acre Farm Subdivided Into Eight Five-Acre Traces. This Shows a Convenient Method of Subdivision Which Gives Access to All the Fields Without Wasting Much' Land in Roads. Length of Lines Given in

manner, so that each year potatoes

# **NEED FOR MORE**

Animals Must Have Abundant Shelter From Rain and Snow-Require but

We would invite no one to turn aside from successful cattle raising or dairving to venture upon what may be to him an untried experiment in sheep raising. But on many a dairy farm, and especially on farms with insufficient live stock, there may be room for a small bunch of sheep; and the study and care of these may develop such results as point the way to the keeping of larger numbers.

They must have abundant shelter from rain and snow, but it need not be in a warm barn, says the Farm and Dairy. Wet, whether from above or under foot, is to be scrupulously guarded against by the sheep-owner. Exposure in a cold rain is bad for a horse or steer: it is doubly bad for

The sheep shed should be on a high, well-drained site-indeed, sheep should be allowed to run over no low, wet SHEEP ON FARM be allowed to run over no low, wet land, no matter how attractive the herbage thereon may be.

Except that the ram should have a little grain now and then, to maintain his virility, and the ewes a little at lambing-time, the flock will require only pasturage for the greater part of the year, with clover hay or like roughage for winter feeding.

The farmer with only himself and a child or two to carry the burden of caring for animals, will often find the keeping of sheep more advantageous than the keeping of cattle.

Lessons From Experience. The poultry raiser who notes his flock carefully, taking into account what they are doing and capable of doing, ought to know more how to feed and what to feed than anyone

The candying of honey is one of the best proofs of its purity, for adulterated honey will not granulate.

advising at long range.

## **EXPLORING DEAD SEA**

Scientists Sounding Waters of Oldest Known Lake.

Motives of Expedition Said to Be Purely Scientific-No Elements of Commercialism Entering Into Ultimate Object.

Jerusalem.-An expedition, the purpose of which is thoroughly to explore the Dead sea and its environs under the leadership of Dr. Bruhl of the University of Berlin, has just arrived from Europe and continued to the scene of its future operations.

The motives of the expedition, so it is emphatically averred by Dr. Bruhl, are purely scientific, with absolutely no elements of commercialism enter ing into its ultimate object.

The work of exploration will consist in the major part of sounding the depth of verious sections of the lake as well as analyzing the complex composition of its waters, studying its shores, investigating the nature of the different minerals that are said to abound in that region, exploring, as far as is possible, the channels of the many rivers and hot water streams, apart from the Jordan, which flow into the sea, from both the eastern and western mountain ranges that hem its shores, examining and classifying the varieties of fish that exist in large numbers only in the extreme southeastern section of the lake, which consists mainly of shallows and

It must be remembered in this connection that it has always been firmly maintained by those who visited the Dead sea and wrote treatises about it long ago that no fish of any kind can make their habitat in any part of it, and this long established belief was disproved only recently by hogs could open them readily. The a pleasure party of Americans, long resident in the country, who visited the southern end of the lake and discovered fish.

So it remains for the members of the German expedition to arrive at the causes, which undoubtedly must



Scene in Jerusalem.

be due to varying conditions of chemical composition of the water that wonderful financier certain sections of the lake and not in others; and, in short, to find out stock company when everybody else everything about this strange body of was forced into involuntary liquidawater from scientific standpoints that | tion.

is worth knowing. What ultimate political or commercial motives, if any, underlie the surface of the enterprise time only can

This is by no means the first attempt made to explore the Dead sea region. Lieut. W. F. Lynch of the American navy, as early as the year 1848 spent considerable time in research and exploration of that region at the expense of the American government and at great risk to his per-

Despite the hardships, Lieutenant Lynch was fairly successful in taking measurements as well as soundings of different parts of the lake. According to the lieutenant's narrative, the lake measures some 46 miles from north to south and from 6 to 12 miles east and west. Its total surface area was therefore computed to be 250 square miles. Its greatest depth was 1,300 feet at its northern end, and its shallowest part being at its southern extremity, varies from 5 to 15 feet

The lake's depression below the sea level is 1,312 feet and a tropical climate makes its temperature almost unbearable during certain seasons of

Crying Baby Is "Exhibit A."

Buffalo, N. Y .- A crying baby was offered in evidence, and after much argument between opposing counsel ily. The result was a puny, sickly was marked for identification as "Exhibit A" in a case brought up in the did not gain in health, but was afcity court here. The action is for flicted with heart trouble, a weak and \$1,000 damages, and the baby is pro- disordered stomach, wrecked nerves duced as the principal evidence for the plaintiff.

"I desire to offer this infant in evidence," was the announcement of one of the attorneys as a woman came behind the rail bearing a bundle in and this was not very comforting. her arms. The attorney for the defense promptly objected.

"Nobody ever heard of such a proceeding," he said. "I contend that it is perfectly proper

to have the child marked for identification," contended the plaintiff's law-

The argument continued for several minutes, the baby holding his own in change. the noise-making. Finally the court settled the dispute by directing the stenographer to mark the exhibit.

Finds Cancer Cure

Paris.-Professor Wasserman, noted scientist, claims to have discovered a cure for cancer by treating the disease with selenium and eosin. Selenium was discovered by Mme. Curie, who found radium.

Mince Pie Barred. South Hadley, Mass.—Belleving

that mince pie and apple dumplings make the girls so sleepy that they cannot do their afternoon lessons well, these luncheon delicacies are barred at Mt. Holyoke college.



OF COURSE.



Mr. Stockson Bonds-Noah was a

Mr. Dustin Stax-How so? Mr. Stockson Bonds-He floated a

If a Woman Had Done It. Trust the suffragettes to make capital out of the merest indiscretion of mere man! The following is an ex-

ample, taken from one of their publications, the Newsletter, for January: "A lovely little press item floating up from Chatham Courthouse, Va., made the editor laugh and laugh. It said that a juror sneaked out of the jury room while the rest of the jurors were asleep, and went and milked his cow. He laid out to get back before the others waked up, but somebody saw him and told on him, and the trial had to begin all over. If a woman juror should do that out in Washington or Idaho, wouldn't it be a proof of the incapacity of the sex for

the duties of citizenship?" Every smallest stroke of virtue or of vice leaves its never so little scar

-Prof. James. Time is a wound healer, but it's no

good as a wrinkle remover.

GRAND TO LIVE

And the Last Laugh Is Always the Best "Six months ago I would have laughed at the idea that there could be anything better for a table beverage than coffee," writes an Ohio woman, "now I laugh to know there is.

"Since childhood I drank coffee freely as did the other members of the famgirl; and as I grew into womanhood I and a general breaking down till last winter, at the age of 38, I seemed to

"My friends greeted me with 'How bad you look! What a terrible color!' "The doctors and patent medicines

be on the verge of consumption.

did me absolutely no good. I was thoroughly discouraged. "Then I gave up coffee and com-

menced Postum. At first I didn't like it, but after a few trials and following the directions exactly, it was grand. It was refreshing and satisfying. In a couple of weeks I noticed a great "I became stronger, my brain grew

clearer. I was not troubled with forgetfulness as in coffee times, my power of endurance was more than doubled. "The heart trouble and indigestion

disappeared and my nerves became steady and strong. "I began to take an interest in things about me. Housework and homemaking became a pleasure. My friends have marveled at the change and when they enquire what brought it about

I answer 'Postum, and nothing else in the world." Name given by Postum Co., Battle Creek, Mich. Read the little Book, "The Road to Wellville," in pkgs. "There's a reason." Ever rend the above letter? A me appears from time to time. The genuine, true, and full of hu