OR, PLANNING FOR THE FUTURE.

CHAPTER XII .- (Cont'd)

She felt almost heartsick in view of the revelation to which she was about to listen, for it seemed to her that if her suspicions proved to be correct it would be sadder than death to have Allison restored to Gerald in such a condition as this.

What a living trouble it would be to always have to look into those "what you have told me inspires blank, though still beautiful eyes, me with the hope that she may yet and never receive one responsive be restored to her friends. There glance of recognition! To watch were several who were killed in the loved face, to hear the sweet, that accident," he resumed, "and familiar voice, and yet feel that their bodies were placed in a bagthe dear one was forever lost, and | gage-car; but I could not allow her as surely lost as if she had been ly- to be taken there. I secured a ing at rest in her unknown grave, stateroom in one of the parlor-cars

in view of this terrible picture of ful journey. Just as we were roll- that there must still be some presthe future, and yet she knew that | ing into the station, however, I | sure upon a certain portion of the there would be a certain satisfac- thought I detected slight signs of brain, and they are confident that if tion in having the harrowing and life in my charge. I placed my hand it can be removed, mental activity long-perplexing mystery of Alli- over her heart; there was warmth will be wholly restored. Of course, son's strange disappearance solved. and the faintest perceptible pulsa- they cannot be sure that the opera-

inspire me with hope."

person proved true."

she concluded, for he could well ed the next morning, which so reunderstand and appreciate her feel- lieved the pressure that consciousing.

he observed, after a moment, "and murmured something that sounded over for a few moments. on the thirtieth day of last July like Alice, and so Alice she has

day," interposed Lady Bromley Bromley. with a gasp.

"I was a passenger on the New York and New Haven express, bound from that city," Mr. Lyman resumed. "In the seat opposite me was this beautiful girl, in whom I became at once deeply interested on account of her singularly delicate beauty, and because she appeared to be so excessively weary, sleeping throughout almost the entire journey. When the accident occurred, as soon afterward as l recovered from the shock of it, my first thought was for my lovely neighbor, and I began to look around for her. I finally found her lying among the debris, apparently dead, for when I suceeded in extricating her there was a terrible wound upon her head, which seemed sufficient to cause death. I cared for her as well as I could under the circumstances, and then searched for the hand-bag which I had observed in the section with her, with the hope that its contents would reveal her identity and thus enable me to restore her body to her friends. I found the bag, but in a sadly demolished condition, and, although I gathered up all the articles that were scattered near it, there was nothing among them which gave me any clue to her name or her home. There was a few toilet articles in it, some handkerchiefs, a gold vinaigrette---'

"A vinaigrette? Ah! Was it little toy of that description.

upon it.

that, madam," he said.

given his betrothed one exactly like she had just listened. it. Yes, this poor child must be Allison. Poor, poor child!"

As she ceased speaking, she leaned forward to look into the face of the lovely girl in the chair. The invalid seemed to be attracted to this vicinity?" her, and, fooking up into her eyes,

smiled with pleasure, revealing two rows of perfect, milk-white teeth as she did so.

Every nerve in the woman's body seemed to be pierced with needles at that look, and with a feeling akin to despair she murmured brokenly: "Oh, the pity of it! the pity of

"Ah!" observed Mr. Lyman, as they had believed her to be! and kept guard over her during the ship in a startled tone. Lady Bromley felt weak and ill few remaining miles of that sorrow- "Yes. The surgeons are agreed "Yes," her companion respond- tion there. 'She shall never be tion will be successful but there ed to her remark, "but before I taken away with the dead,' I said is more than an even chance of it, relate her story, will you kindly tell to myself, and, acting upon the im- and they claim that it would be me if you know anything about the pulse of the moment, I hailed a cab- culpable not to make the trial." girl? You appear so agitated you man the instant the train stopped, Lady Bromley looked very anxi-

conveyed her with his assistance to ous in view of her duty in connec-"I have never seen her before," bis vehicle, and took her directly tion with the matter. Ought she said Lady Bromley, her sad eyes to my own home, where I resolved to telegraph Gerald immediately wistfully searching the sick girl's to spare no pains or expense to re- what she had learned with reference strongly resembles a young lady quite confident that her parents or -I have seen a fine picture friends would fly to her immediate- seemed to her that he should be of her-who left her home in New Jy upon seeing the notice which I York last July and has never been intended to insert in the papers. heard from since. She was the be- I called my own family physician trothed wife of a dear young friend to attend her, and he did his ut- it would be a terrible shock to him ence in crop yield, in vegetation, cf mine, who has been heartbroken most for her. The wound on the to see her in her present condition. in types of plants coming from the set is worth about £200. over her loss, and yet I-I almost head, he said, was a serious one. dread to have my suspicions that A portion of the skull was doubt- thought of his meeting that blank, the material of plants comes from your unfortunate charge is the same less pressing upon the brain, which meaningless look in the eyes that the air; why then, do plans behave

ness was partially restored, and by any danger to her life?" she in-"My name, madam, is Lyman," upon asking her name the child quired, after thinking the matter

been called ever since." "Ah, yes, that was the very! "Her name is Allison," said Lady

> "Yes, that is what your maid called her, and it is very like," replied Mr. Lyman. "That same day," he continued, "I was suddenly attacked with a severe illness resulting from the shock which I had received and which proved much more serious than I realized, and for many weeks I was too ill to give her mind as to what she ought to even a thought to the girl whom 1 had rescued. When I recovered sufficiently to betray any interest in her, I was told that she was slowly convalescing, but, not having fully recovered her reason, was unable to give any account of herself or of her home or friends. No inquiries had been made for her, at least none that seemed to point to her as their object, and we have never been able to gain any clue to her relatives. She gradually recovered a fair degree of health until she has become what you see her now. But the operation of which I speak only partially restored her mental faculties, and, although she is a sweet and gentle being whom every member of my family loves most fondly, she is but a child in intellect. Our physician, however, has all the time held out to us the hope that when she would regain sufficient strength another operation might possibly result in restoring her to her normal condi-

"Oh, that is a ray of hope!" anything like this?" eagerly inter- breathed Lady Bromley eagerly. "If rupted Lady Fromley, as she sud- it only can be done, how grateful dealy plunged her hand into her we all shall be, for Mr. Lyman, I pocket and drew forth a beautiful am sure that this is the dear girl who has so long been mourned as The man started as his glance fell dead. But how can I ever bear to send the tidings to one whose very "It was the exact duplicate of life was bound up in hers? It would he worse than death for him to see this one." "Oh, then there is not the slight- her thus. It would be living over est doubt of her identity," said her again the agony which very nearly ladyship, with pale lips. "Both deprived him of his own reason," your story and the vinaigerette and tears rolled thick and fast over prove it, for last Christmas Mr. | the cheeks of the beautiful woman Gerald Winchester, the young as she thought of the terrible shock lady's fiance, gave me this, remark- which Gerald would experience uping as he did so that he had once on learning the sad story to which

"Yes."

"No; his name, as I have already have the arrangements which you thus bacteral life is absent to a artists of the day.

his home is in New York City."

absorbed in thought after this state- tender care which you have thrown not thrive on that land. Let it ment, and they walked along in si- around this dear girl ever since alone and it grows up to scrub pine lence for several minutes. At that terrible accident is sufficient trees or to some sort of plant or length he remarked:

have told me, and the probability own child." independently in connection with "And now will you kindly tell me chance to gather carbon by its her case any further. Still, I will how I may address you in the fulleaves. say that ever since she has been ture?" under my care I have done by her own daughter."

appreciative look upon him.

"I have employed the most skilful physicians and surgeons to take wistfully toward Allison's fair, decharge of her. I have spared nothing which they could devise or quisitely tinted picture painted on suggest to benefit her or contribute to her comfort and ultimate recovery, and I had already arranged for the second operation, in accord- ened!" ance with their advice and desire. To-morrow will be the day which son's protector, as he bestowed an they had set for the trial of this affectionate glance upon her. "We vital experiment."

CHAPTER XIII.

"To-morrow!" breathed her lady-

most interested of any one, and it consulted regarding this impending operation.

that fell from her emiling lips.

"Will this operation be attended

"Well, of course it will be a duplicate piece of work. There is always a risk, you know, about such undertakings," her companion gravely replied. "Still, the surgeons encourage it, and if she were my own child I should risk it. 1 should feel that I had no right to doom her to perpetual mental dark. ness without making a desperate effort to give her back her enjoyment of life."

Lady Bromley still wavered in do. Gerald, she knew, was busy preparing for the approaching tria! He could ill afford the time to come ta Boston to remain until this test should be consummated, ah she well knew he would do if he was told of Allison's existence, her condition, and the contemplated mea sures of her restoration.

Then, too, he would be in perfect agony of suspense and anxiety until the ordeal was over, while if it could be accomplished without his knowledge, and end well, his loved one would be restored to him in her right mind, and he would never realize the horror of her present cou dition.

But that "if" was a serious con-

sideration. "Suppose the surgeons do not succeed?" she murmured tremulously, and with a shiver of dread 'Then she will probably remain as she is now as long as she lives. said Mr. Lyman, with a sigh.

experiment will prove fatal?" "I have thought of every con tingency," he answered, smiling sadly. "Who does not, in deciding such grave questions? But I can foresee no new complication. Acute inflammation is the worst feature attend the previous operation, 1 of leguminous plants. Clovers, if A huge conger eeel, which had to be feared, and since it did not

"And have you no fears that the

made. The young lady is an or- ground bones, either from the conger measured 5ft. 3in. in length, phan; she has no relatives; at least stock yards or from the graveyard 23in. round, and weighed just 40lb. there is no one who really has any of prehistoric life called the authority to decide such a matter "phosphate heds."

accordance with your own and the phosporus. Thus plants of a high Mr. Lyman appeared to become surgeons' wishes. I am sure the type, plants that help mankind, do guarantee of your desire to do all tree that can get along if it has "Of course, in view of what you that any parent could do for an only foothold and moisture, and

"Excuse me, sir," said her ladyexactly as I would have done my ship, flushing. "I have certainly been very remiss in not introduc-"I am sure of it," said Lady ing myself before. But my name is Bromley heartily, and bestowing an Bromley. I came out in such haste i have no cards with me."

Then she went on, as she gazed licate face, which was like some exivory and framed in gold:

"She is very beautiful, even though her mind is so sadly dark-

"She is, indeed," replied Alliwere very sorry to be obliged to cut her hair, which was a veritable 'crown of glory' to her, but it had to be sacrificed to facilitate the operation, and on account of the inflammation resulting from the concussion. It was at first shaven close to her head, but has grown very rapidly during the last few weeks."

(To be continued.)

On the Farm

A STUDY IN SOIL FERTILITY What is it that makes the great difference in soils? I find as I go On the other hand, she knew that over the country such a vast differ- washes like linen. She simply could not bear the soil. I am told that nearly all of accounted for her continued insen- had once been such a delight to so very differently in different soils? 20,000 oranges, and a lemon tree, The gentleman sighed heavily as sibility. An operation was perform- him, or hearing the childish babble I not the greatest different in my 8,000 lemons. own fields, and cannot account for | Three gas companies in London it. writes Joseph E. Wing in consume between them 4,000,000

Breeder's Gazette. water and carbon, which comes 300 to 500 eggs in her lifetime. from the air directly or in rain, The champion shorthorn bull, erals found in plants but first in Republic. importance are phosphorus, nitro-

gen and lime. filled with air, with moisture, but each person per day. not wetness, filled with carbonate | Cairo has the biggest University stance one finds acidity of soil nected with the Koran. which discourages useful bacteria With no carbonate of lime in the of the kind on record. soil humus does not tend to ac-

soil fertility. three constituents, limestone, it was no less than \$17.25. of bacteria, often found on roots portion.

told you, is Gerald Winchester, and have made carried out exactly in large degree. Often it also lacks mere traces of plant food, some that the young lady's identity has "'Thank you, madam," heartily rather lowly organized plant that been established beyond a doubt, responded Mr. Lyman. Then he is content with little if it has I feel very delicate about acting continued, with an aj ologetic smile: ample supply of moisture and

> Useful plants, plants for comfort of mankind, thrive in living soils. Living soils are soils rich in carbonate of lime, rich in phosphorus, filled with decaying vegetable matter, teeming with bacteria of a useful sort. Useful bacteria are found always in soils rich in humus and carbonate of lime. Phosphorus is closed to the fountainhead of all life. Nearly all soils need more phosphorus than they have. Carbonate of lime in the soil makes better crops of clover and other legumes Living soils are filled with air, not drowned with water.

Thus the foundation principles of soil building are, first. let the water out and the air in by drain, next see to storing the soil with carbonate of lime. There are about 2,000 tons of soil in the top foot of an acre, about 1 per cent. of carbonate of lime is a useful working amount. Then fill the soil with vegetable matter, through manures, through grass and clover roots, applying phosphorus liberally, and if needed potassium also. Then plant good seed and till the surface and God will do the rest. The meaning of the fertility of the soil will be revealed to you.

NEAR AND FAR.

Interesting Bits of Knowledge About 'Most Everything.

There are 750 golf link in Great Britain. The Japs make a paper cloth that

Of British bird's eggs a complete

The value of pictures in the National Gallery is about \$6,250,000. A single orange tree will produce

tons of coal per annum.

No one knows all about soils. When a hen attains her third year A few things we definitely know. her laying capacity is at its best. True, all plants partake largely of | She will lay, on an average, from

but after all the life of the plant Duke of Hoole, which belonged to come from the phosphorus of the M. J. H. Maden, of Bacup, Engsoil, the nitrogen of the soil, the land, has been bought for \$7,875 lime of the soil all the other min- for exportation to the Argentine More matches are used in the

United Kingdom than in any other Now bacteria of the useful sorts, one country in the world. It has those that make plant food and been estimated that English people make it available, revel in soils use an average of eight matches

of lime, filled with vegetable in the world. There are about matter. Carbonate of lime is an 9,000 students and 200 professors. essential part of the foundation of The chief subjects taught are Moall fertile soils; without that sub- hammedan law and matters con-

The shareholders of one of the and encourages harmful fungi. leading gold-mining companies at Carbonate of lime in the soil helps Bendigo have just elected a lady, to make the dark colored vegetable | a Mrs. Holmes, to a vacant direcmould that we term "humus." torship-said to be the first instance

A Norwich, England, firm is comcumulate. Carbonate of lime makes | pleting 1,100 miles of wire netting phosphorus available, prevents its for the Australian, Queensland, union with iron or plumium to and Victorian Governments. The make insoluble compounds. Thus netting is retailed by the Governit is seen that carbonate of lime in ments to settlers, and is used for the soil is one of the bed rocks of keeping rabbits from the crops.

The drink bill at most London Of iron, magnesium, sulphur and hospitals is much less than it used a few other chemical ingredients to be. At Guy's, for instance, the of plants, nearly all soils have a sum yearly expended on alcosufficiency. In general we need holic liquors for the patients is only concern ourselves with the at the rate of \$2.25 a bad. In 1862

phosphorus and organic matter | Dogs are well provided for on which also supplies nitrogen. Po- the Prussian State railways. The tassium is found in abundant sup- latest arrangement for the comfort ply in most clay soils made from of touring canines is hot-water pipes decomposed ligneous rocks, such as and spring mattresses. A bit of feldspar granite. Nitrogen is ac- hard board with no spring in it is cumulated in soils through the aid the ordinary man's or woman's

see no reason why it should follow plowed under in sufficient quantity left the river and made its way up makes land rich in nitrogen. Phos- a small stream threading the marsh-"Then," said her ladyship, with phorous is bequeathed to soils es near Boston (England), was sudden determination, but looking through the decay of limestone or stranded on the falling tide. Two very white, "I should advise no other rocks, or is added to the soil men secured it just before the tide change in the plans that you have in the shape of fertilizer, as in came up the creek again. The

In connection with the tercentenary of the rule of the Romanoffs she had just listened.

"I suppose you refer to the genter. I feel almost a motherly remakes one land rich and another series of new postage stamps bearders." tleman to whom you have said she gard for and interest in this young poor. The poor land is found nearly ing the effigies of various Russian was betrothed," said Mr. Lyman. man, who for some time has been always to be very destitute of car- monarchs, including Peter the a member of my family, and I hon- bonate of lime. It is often water- Great, Catharine II., and the reign-"Is the gentleman a resident of estly think that I am justified in logged, underdrained. Lacking lime ing Czar. The portraits will be exauthorizing you, in his stead, to the humus has not gathered in it, ecuted by some of the most famous