# The Water Bearer MUTN

### THE PICNIC

SYNOPSIS-Idly fishing Hermanos creek, in California, Caleb Warner, civil engineer and a New Englander, is witness of the New Epginder, is withden by end of a coyotte pulled down by two wolfhounds, urged on by a sfrl rider. Admiring the hounds, he introduces himself, and learns her name is Clinton. With western hospitality she invites him to ern hospitality she invites him to the ranch to meet her father. At the Cilnton home Warner learns his new friend's name is Betty. He is welcomed by her father, Southern Civil war veteran and owner of Hermanos valley. He tells them something of his am-bittons and his feeling that he is destined to be a "Water-Bearer." In the town of Golden Warner shares an spartment with his old Columbia college chum, Ted Bax-Columbia college chum, Ted Bax-ter, carefree and somewhat dissi-pated youth, only child of his widowed mother, who controls the family fortune. At a club luncheon Baxter introduces Caleb to Willow Cox leading business to Wilbur Cox, leading business man and president of the water company which supplies the needs of Golden. He gives Cox an inkling of his ambitions, and Cox, impressed, invites him to dinner that night. During dinner Cox asks Caleb to call at his office next day. He does so and Cox arranges a meeting between Caleb and Hinckley, the water company's chief engineer. Baxter tells Caleb he is in difficulties with a girl, Mary Morgan, Cox's stenographer, who insists he must marry her. With Hinckley, Caleb looks over the water com-pany's source of supply, the Crystal springs, in Hermanos valley. Prospecting in Hermanos valley, Caleb meets a man, Evans, who boasts of his ability, through "divining rods," to locate wake without boring.

### CHAPTER VI-Continued -8-

"But it ain't no good," he said, suddenly disconsolate. "'Cause why? What's the good of water 'less you can use it? The sile here ain't thick enough to put dirt in yore fingernails. It wouldn't grow a radish. An' the wells wouldn't be artesian. They'd have to have windmills to work 'em. And, as I said, they ain't no sile. Seems like a plumb bit of foolishness to put water where it ain't no manner o' use, don't it?"

"Have another clgar," said Caleb. "Where do you suppose all the water comes from ?"

### The Welshman looked at him pityingly.

"You fish that stream an' you'll see. This is Callente sink. The stream runs into it like dishwater goes down the drain. Wish you luck, mister. An' thanks for the smokes. Some day, if you come this way, an' I'm feelin' better, I'll give you a demonstration. I'll be glad to see you any time. Kinder lonesome here in this oven, but it's baking me back to health."

Caleb went on upstream in a maze, It seemed, though his Yankee mind affected to scoff at the suggestion while it considered it, as if he had come into close touch with mystery. He fingered the emblem on his seal and smilled. Had the sign of the zodiac, Aquarlus, really charged him with destiny, leading him along the

### By J. ALLAN DUNN Author of "A MAN TO HIS MATE" "RIMROCK TRAIL"

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tall, thick mantle of wild-grape, flung over the arms of the trees.

In front, between house and stream, there was a smoking pit stmaddled by an iron grid on which two swarthy men were turning joints of meat from which came the smell that had loosened all the spigots of Caleb's gastric economy. One of them looked up. Caleb had no time to disappear. No wish, once the mutual recognition had been made. The cook, el cocinero, was Luis Padilla.

The swinging screen of grapevine parted and two people came through, Betty Clinton in her riding togs and an upstanding young man in riding breeches, puttees and a shirt of silken tan, with a tan-colored stock about his neck. A tall, good-looking chap with a clipped yellow mustache and brown eyes, good teeth displayed in a hearty laugh, generally genial and eminently well pleased with things in general.

The girl was laughing, too, laughing so heartily in silvery carillons that she stopped from sheer lack of breath and then, regaining somewhat of gravity and lung power, called to Luis: "What is it. Luis?"

"Senorita, eet eez el Senor Warner." "Discovered, upstage, center, peer-ing through the postern," said Caleb

as he came out in response to the girl's instant and cordial greeting. "You are just in time. Did you come on foot? How did you know we were here? Mr. Warner, Mr. Thurs-

The two shook hands while Warner xplained the accidental happening of his arrival. Betty Clinton was giving some directions to Padilla and his assistant.

"Come on," she said, "and meet the rest. Dad's here. This is my annual



Bits of the talk, allusions, chaffing remarks, together with little summaries supplied him by Betty Clinton, soon put Caleb in possession of surface information concerning the members of the party.

Thurston had been a bank clerk, losing his position in the merger of bank to order a good many more than you ing interests. But he had possessed sound commercial faculties and,

have any intention of carrying through the backed to some extent by his uncle. chicks grow rapidly and at little cost, he had started raisin growing in the and there is a ready sale for them at Fresno valley. Now he owned hunthe weight of two to two and a half dreds of acres and was rated almost a millionaire, soon to pass that mark. pounds Henry Vedder was editor of the Pioof two pounds it is ordinarily considneer, a weekly published in Golden, ered that it is time to sell them. Any of recognized literary merit. His wife

had a leaning toward modern esthetics, extending to her gown and her mode of hairdressing. She apparently saw nothing except through the medium of her husband and she hung on his every word in the attitude of one who eagerly walts the opportunity to encore the performance of a favorite dramatist.

George Brompton was an artist who specialized in mural work. He was the most diffident of all the company, with an especial shyness toward Carmen Wilson, which that vivacious personage did not appear to regard as the kind of tribute to her charms that she preferred.

Thurston and Betty Clinton had ridden down Hermanos canyon to the picnic on horseback. The rest had come in a buckboard, by the longer road, a wagon preceding with the materials for the barbecue. Luis Padilla had come mounted. The vehicles and the horses were stowed in the old barns. The whole party was returning to El Nido in the early evening. where Maria was now preparing a fitting dinner for the flesta of her young senorita's birthday.

"You are to come, too," she insisted to Caleb. "And stay over tomorrow. I am not to be denied anything today and I make that an order. You need not feel that you are crowding or were not included in the original invitation. There is lots of room.

"You have made it an order," sald Caleb. "That settles it."

Here again was a different side to the girl, he thought, as he listened to her lighthearted talk, admiring her quick wit. He caught himself watching her closely whenever she laughed. The inside of her mouth was as pink as a kitten's and she laughed without reserve, so that one caught a gleam of even rows of teeth that needed no dentist, backed by the rosy glow of health.

Caleb enjoyed himself thoroughly. the food, the company, the talk and the shady spot beside the stream.

After the meal, Betty Clinton proposed an excursion. Vedder claimed to have had an inspiration for a poem and said that he was going to try to put it on paper in the old garden. His torily by feeding a suitable mash. wife was no more to be detached from him than a limpet from a rock. Clin- is not of suitable quality or sufficient ton himself made the excuse that he quantity to give a high summer egg was not feeling especially energetic. yield. When animal feeds such as "Then Mr. Brompton must stay to meat scraps, tankage and milk are in-



CULLING YOUNG CHICKEN FLOCK

In purchasing baby chicks it is well

whole season. During summer,

the less they are worth per pound.



LESSENS PROFITS Faulty feeding is one of the chief

causes of unprofitable dairying, says Dr. W. B. Nevens, assistant chief in dairy cattle feeding at the college of agriculture, University of Illinois, in "Feeding the Dairy Herd," a revised handbook which is now being distributed by the college to interested farmers and dairymen.

When the cockerels reach a weight At the same time proper feeding alone does not guarantee the greatest additional weight which they put on milk production, he points out. Care costs more. Furthermore, the marand management and breeding and seket for them declines after early sumlection that will build up the capacity mer so that the longer you keep them of the herd also must get attention.

"It has been demonstrated, for in After the flock of chicks is a few stance, that poorly kept cows will give weeks old you can tell if there are 50 per cent more milk with improved three or four of them not worth keepfeeding and care, but after the level ing. Look them over and if there are has been raised in this way, little R few "crowbeaks" which very evidentmore can be done except through a ly can never amount to anything, get program of good breeding. Using sires them out of the way. By remaining of the best blood lines and replacing in the flock half sick and half well the poorest cows in the herd with helf. they may infect a large number of ers from the best cows usually will others and do a great deal of harm. bring continued improvement in pro-Make it a practice to look over the duction year after year."

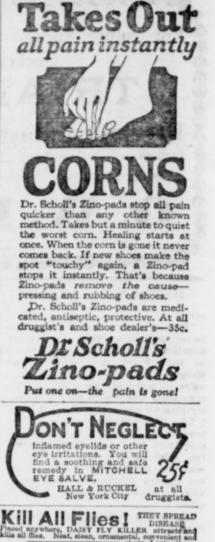
lock every few days until you are ac-Doctor Nevens explains that a cow quainted with the chicks and can tell may use feed for five different purwhich ones are growing best, so that poses: Growth, maintenance, milk pro you can decide which ones you want duction, increase in weight and proo save for next winter's laying flock. duction of offspring. It is evident. then, that when cows are fed for milk production, these various functions must be considered with regard to the future development of the cow as well as to her immediate needs, he points

out. Liberal feeding, when intelligently done, usually pays more in the long run than scanty feeding. Although other things besides feeding has a bearing on the milk production of a herd, there is no doubt but that many dairy herds which make little or no profit could be put on a paying basis simply by giving more attention to this one factor-more generous feeding, he says.

He then points out that feeds are divided into two classes: concentrates and roughages. Concentrates - the farm grains and mill by-products-are heavy and contain little fiber or woody naterial. Roughages, such as hay, straw, silage, grass and roots, are bulky and contain lots of fiber, and Many people have a notion that in some cases water. Roughages with ens can pick up enough bugs and lots of water, such as fresh green worms from the range during the sumgrass, roots and silage, are known as ner to supply their needs. Records succulent feeds. from farm poultry flocks have shown,

Substances found in feeds are grouped into six classes: Protein, carpended upon to supply sufficient feed bohydrates, fats, mineral matter or ash, vitamines and water. "Every.dalryman should know these classes, high egg production is protein in the should know what part they play in the nourishment of the animal and what common feeds will best supply them in the most economical and de sirable form," Doctor Nevens says.

> highly digestible than matured grass From 65 to 80 per cent of the dry mat-



Neat, clean, ornamental, convenient and cheap. Lasta all sea-son. Made of metal, can't spill or tip overi-will not sell or injure anything. Guaranteed, Laste upon DAISY FLY KILLER HAROLD SOMERS Brooklyn N. Y. RED. ROUGH SKIN is ugly and annoying-make your skin soft, white, lovely, by using



### Why Not the Anklet?

Senator Robinson, at one of his famous duck luncheons, was marveling over the high prices that prevail in the night clubs of New York.

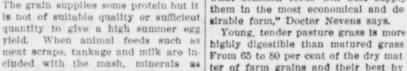
"A young man," he said, "visited a night club not long ago. The cover charge was \$5. Champagne was \$41. The young man shook his head and started for the door without ordering anything.

"'What's the matter?' a pretty girl at a desk near the door said to him, 'Anything wrong?'

"'What's that round your neck? said the young man. "The girl put her hand up to her

gold chain. "'That,' she said, 'is a necklet. Why?'

"'Well,' said the young man, 'everything's so high in this club, I thought it might be an anklet." -- Detroit Free Press.



Early in the summer, at least by the time the flock averages two ounds, separate the cockerels and the pullets, and then either send the cockrels to market or can them. Then go through the pullet flock and divide them into two lots. Those that are distinctly inferior ought to

go along with the cockerels, and those that are fine and growthy and show quality can then receive the best of attention and feed so that they will grow every hour of the day toward full maturity, and be ready to lay plenty of eggs by the time snow files.

Poor Economy to Cease

Feeding Mash in Summer "It is poor economy to quit feeding mash to the hens in summer," says Prof. C. W. Carrick of Purdue university. "Such a practice is likely to throw the whole flock into a molt and ause egg production to stop."

owever, that the range cannot be de-

One of the principle necessities for

ration. This can be supplied satisfac-

for a satisfactory egg production.

trall to be the Water-Bearer to the frontler city of the sands?

Half a mile up the canyon from where the gravel road branched off, an arroyo entered from the east through a bench that was thickfurred with underbrush of desert specles. Only a trickle of water was in the almost dry watercourse, barely lasting to mingle with Hermanos creek.

The place was wild enough, and silent. A grass-grown road chose either bank at random, fording the creek at frequent intervals. He found stones to keep his feet dry as he crossed.

Up the road he began to come across evidences of an abandoned rancheria. There was little left but the roots and a scattering of tentative tendrils, scantily leaved. He passed a corral, no longer tenable, a lean-to shed without a roof, a leaking flume, a tumbledown wall of stone, and then he became aware that he was walking through what had been once a garden, a stately garden, still with a certain dignity.

The garden had attracted him unconsciously and he had left the halfobliterated road. He did not go back to it but wandered on to the house that rose above the cypress guard. Caleb's footsteps rang hollowly as he passed over the flags and glanced in through where a door had failed as warder. He was beginning to people the place with such ghosts as he imagined should represent the former occupants when he heard the high, clear sound of laughter at the very instant that his nostrils conveyed to his nerves of smell, thence to palate and to stomach-so that his mouth watered and his appetite proclaimed

Itself with no uncertainty-the smell of broiling meat. His hope of something from a ranch

larder, a glass of milk, a piece of cake or ple, if nothing more substantial, had dled with sight of the deserted house. The tracks he had been traffing must lead too far for him to follow uncertainly. And now he had blundered on to a picnic-a California picnic-which means a barbecue.

Caleb's stomach yearned, rose in revolt against his manners and so far won that he ventured to the outer door of the arch and peered through.

The laughter had ended but he could hear the chatter of young volces, men and women, hidden somewhere down

The Row She Took Possession of Him.

picnic and barbecue. Birthday festivity, you know."

She took possession of him. The man named Thurston lagged behind as they broke through the vines and looked down upon a level bank of turf, fringed with ferns, just above the level of the creek. Two girls and an

older woman were alding and directing the laying of a table by two men. Clinton himself sat apart, back to the bole of a tree, smoking. He rose as Caleb came into view and the rest looked up.

"I'll make the introduction general," said Betty Clinton. "You can all make It personal later. This is Mr. Caleba Warner. I think I've mentioned him to all of you. And these are-Carmen Wilson"-she indicated a girl with black eyes, in a white dress, wearing a scarlet beret so vivid that its outline was fuzzy with radiance: "Mrs. Henry Vedder, Henry Vedder and George Brompton. The meat is bar-

becued. The enchiladas are at the height of their excellence. Be seated. Dad, you at the other end. Mr. Warner, next to me, at my right. All right, Padilla, bring on the carne. I hope you brought an appetite with you, Mr. Warner. Carmen, pass the enchiladas. Frijoles, if you like them better. They are our substitute for Boston beans, you know. And the salsa, Mr. Brompton."

The meal was all animation. Good viands, good nature and a general bubbling over of high spirits.

### 

### Decries All Fear of Athletic Heart

fear that four years of hard football or track work will leave them with a shaky "athletic heart" in middle age. Experiments by Dr. Burgess Gordon of the Boston Peter Bent Brigham hospital on men and animals revealed that the heart, instead of enlarging after strenuous exercise, actually shrinks. Furthermore, no enduce the much dreaded hypertrophy largement of the heart resulted after of the heart.

prolonged athletic training. Doctor Gordon made his observations on Boston marathon runners,

and rabbits with normal and abnormal hearts. The rabbits were exercised by the stream that had wheeled to to exhaustion, and X-ray pictures flow in front of the old house and taken immediately afterward resparkled through the interstices of a vealed a shrinkage which took time to Greater.

keep you company," announced Car-men. "You and Mr. Clinton can dis-well as proteins are provided. These cuss that ploneer panel. Mr. Brompton," she went on to Caleb, while then and are not supplied adequately Brompton smilingly acquiesced in the

arrangement, though the smile was as wan and lacking in warmth as a winter sun, "is working on a set of panels for Judge Hemingway's new house. They are to represent Call fornia, past, present and future. And Mr. Clinton is brim full of ploneer lore, aren't you, Mr. Clinton?"

It was obvious that Carmen Wilson Intended to make the trip to the lookout a foursome. Clinton smothered a smile. Brompton seemed to be used to this sort of thing and the four started.

They were less than half way when Betty Clinton suddenly missed her camera.

"I have been intending to take a photograph of that view for two years," she exclaimed. "The light is wonderful. Wendell, you'll get it for me, won't you? We'll walt here. It's in the buckboard under the seat."

Thurston went swinging off on his errand and the three sat down to be comfortable until his return. The change of scene seemed to have put Betty Clinton in more serious mood. "Have you found your opening yet?" she asked Caleb.

It looks as if Carmen Wilson intends to capture Caleb. Does Betty care?

(TO BE CONTINUED.)

College students need no longer disappear. The strained hearts of marathon runners also got smaller. Doctor Gordon said, and did not return to normal for several hours. Athletes were studied to note any permanent enlargement of the heart which could be blamed on the exercise, but it was found that the most

Once Pilgrims' Resort Compostela in Spain was one of the principal pligrim resorts of the world in the Middle ages. It has been noted from the Ninth century for its possessions of the relics of St. James the

minerals are essential for egg producin grains and grain products.

## Determine Exactly How

Many Eggs Each Hen Lays A good trap nest provides the one accurate method of determining exactly how many eggs a hen has laid in one year. There is no short cut or easy way to figure from part of a year's trap-nest record what the total for the year will be, nor to cull carefully enough to estimate what it has been or will be.

The highest type of breeding for egg production may be secured only by trap-nesting every breeder throughout every day of her first laying year. and every day throughout the breeding season, as long as she is kept. In addition, both male and female birds must be selected which have the ability to transmit high production to their offspring.

The best poultry breeders are searching for the pullet that lays not only during the spring, but is also an early maturer and heavy winter layer, as well as a persistent summer layer. These characteristics coupled with intensity of production are found only In the best hens,

### Lice and Worms

For a dip to rid a flock of lice, use ne ounce of sodium fluoride to each gallon of water and mix the solution In a large washtub or barrel. Use one pound for about three hundred towls. Hold the hens by the legs and wings to prevent struggling. Put them in the solution, tail first, to force the water underneath the feathers. Repeat this three or four times, and in very heavy-feathered hens it may be necessary to use the fingers to work the solution into the feathers.

### Height of Roosts

The heavier breeds should have their roosts near the floor, and all on level so there will be no crowding for highest places. Where heavy fowls have to fly down from high perches they are likely to contract numble-foot from bruises. Everything should be kept clean and fresh, and with good ventilation, free from draughts. Keep a lookout for watery eyes and running nostrils, a sneeze or cough. Little things taken in time will usually prevent allments.

products are digestible, while only 50 to 75 per cent of the dry matter of the better kinds of roughage is digestible Some of the poorer roughages, such as cereal straws and the hulls of various seeds, which contain lots of crude fiber, are low in digestibility and have little place in the ration of the dairy cow in milk.

Succulence, physiological effect bulk, balance and cost are discussed as some of the other characteristics of spring grass which the dairyman should try to duplicate in rations used for barn feeding.

Under most conditions a dairy herd can be fed more economically on feeds that are raised on the farm where they are used than it can on purchased feeds, Doctor Nevens says in the handbook. It must be remembered, however, that cereal grains and nonlegume roughages are low in protein, he cau tions.

# Dried Beet Pulp Often

Used in Testing Cows Dried beet pulp is a bulky, carbo naceous concentrate that has a slightly laxative effect on dairy cows, and is used quite often by dairymen when they are feeding cows on test. It is not worth quite as much as corn or barley in feeding value in the ordinary ration, and as it usually sells for more than corn it rarely pays to buy it as a substitute for corn merely as a source of nutrients. However, where a maximum yield is desired regardless of cost, such as cows on official test, it can be used to make the concentrate more bulky, and as such will be worth more than corn. Where a succulent feed such as sllage is not available it makes a very satisfactory substitute, though usually more expensive. Where much is used it is better to moisten it before feeding.

### Cow's Producing Value

A cow's value as a producer depends upon her inherited ability to secrete milk, and her environment, or the feed and care. If a cow has not inherited the ability to produce milk. abundant feeding will not actuate her milk glands to secrete milk. On the other hand, a good dairy cow without feed and care is like a first class boiler without fuel. It is important to obtain a good dairy cow, but it is just as important to feed and care for the cow properly.

### Immense Camera "Eye"

A huge lens, specially made for the United States air service, weighs 45 pounds and is said to be the largest camera "eye" ever ground in America. With the mounting it measures 9 by 91/2 inches and has a focal length of 36 inches. It will take pictures of entire cities at one exposure.

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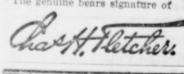
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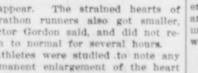




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