DALIVIA CITY HERALD

JOHN H. REAM, Publisher.

DAKOTA CITY. . . NEBRASKA

NEW USE OF MOVING PICTURES. Moving pictures are being put to new use, which will result in the saving of life and limb. Professor Munsterburg of Harvard is responsible for what is known as the cinematograph nerve test, which is said will reduce motor car accident in the United States to a minimum. The professor's theory is that no young man ought to become a chauffeur if his tests indicate that he would not be quick enough to stop his car if a child ran out in the roadway in front of the wheels, says the New Orleans Picayune. In the test for chauffours at Harvard the subject is placed in a motor car in a hall equipped for the purpose. He is seated at the wheel of the machine. which is jacked up so that all the machinery is movable, while the car remains stationary. The experiments front of the cars is a white wall, on which moving pictures of great size are shown. They are immediately before the chauffeur student's eyes. The student is then told to act as he would In real life if he saw any one of the things happen that appear on the sceen. Although he knows that the car is not actually running, the fact that he is under a test puts the student on edge and makes him behave approximately as he would under ordinary circumstances. A child is first shown on the screen with startling realism, tottering across the road in front of the car. The chauffeur is, of course, expected to handle his car without an instant's loss of time, just as he would have to do if the emergency rose in real life. This is the most important test to which the students are subjected by the Harvard system.

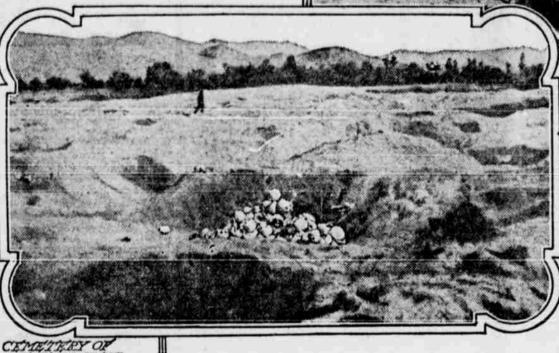
The tenement mother is being relegated to the background as a subject for social study. The searchlight of investigation is now turned upon the man with the white collar-the salaried bread winner of the middle class. A parallel between the casual laborer of the tenement districts and the salaried middle class man was recently drawn, says the Chicago Tribune. The middle class man was worsted in the comparison. His struggle to make ends meet was said to be keener than that of the laborer who acknowledged, by the absence of a authors even make menstarched collar, that his work was tion of it. physical and violent, not mental and "gentlemanlike." Thus the problem of poverty, so long exclusively assoclated with the people of the slums, is fast moving in the direction of the middle class man-the married clerk -the man with the white collar He is struggling to keep up a superior dignity upon an inferior income; the day. How I wished that pay envelope of the skilled working- I could have accompausually bigger than his and less of it goes for show. To remedy this difficulty it has been suggested that men and women of the middle class curtail their social aspirations .-But this is the wrong remedy. The mission of the twentieth century is to breed aspiration. The problem is to raise the income and standard of living of both the tenement laborer and middle class man.

F the thousands of people who inhabit Lima, or of the many who, in the winter months, take a rup up to Chosica, on the Oroya railway, there is probably not one in a hundred who knows anything of Calamarquilla. I was about to leave the capital of Peru without dreaming that, within a stone's throw, there were slumbering the ruins of a

prehistoric civilization that had not yet passed away when Pizarro laid the foundation of the City of the Sovereigns.

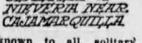
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The sacred city of Pachacamac is known to, and mentioned by every traveler who includes Lima within the limits of his itinerary. It has been visitare conducted in a darkened room. In ed and described from the days of the Conquistadores with more or less accuracy, until Dr. Max Uhle made a special study of it and published his monumental work. If these ruins of the Lurin valley are world famous, it is not thus with those of the valley of the Rimac, and if Pachacamac is



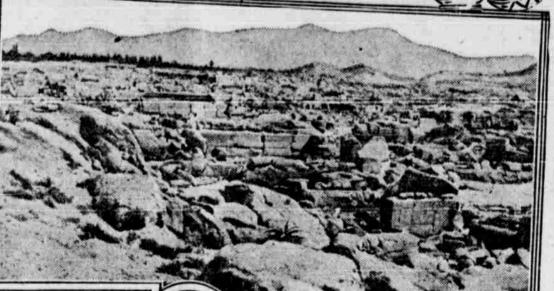
The DEAD CITY of

Charles Warron Currier, Ph. D.



known to all, solitary Cajamarquilla is buried in an obscurity as deep as the sand that covers it, while few, very few,

I said that I was about to leave Lima. It was the eve of my departure when I learned from Professor Saville, of New York, the wellknown Ecuadorian explorer, that he had vislted the ruins that very nied him! I conclude



RUINS OF CAJAMARQUILLA, PERU

part of the city is buried would indicate remote antiquity, and a possible destruction of the place long before the advent of the Europeans, were it not for what Estete tells us. Miguel Estete accompanied Hernando Pizarro from Caxamarca to Pachacamac, at the time when Atahualpa's people were scouring the country to collect sufficient gold for the ransom of their unfortunate chief. He gives us the itinerary of Hernando day by day until the return to Caxamarca. Wherever he goes he finds the country thickly populated with towns and villages, surrounded by cultivated fields of maize and orchards, with flocks of a kind of sheep. He judges that Pachacamac is of considerable antiquity, and he finds within it a certain number of ruins. No mention is made of Cajamarquilla, yet it is probable that his

journey led him through the valley of the Rimac, and Markham even supposes that he passed over the present site of Lima

According to Middendorf, who infers his statement from Estete's narrative, the valley was at that time thickly populated, having besides many smaller places three large towns, Huadca, now Huatica, Armatambo, and

he says, was the principal town of the district. Its ruins still exist between Lima and the village of Magdalena, but they seem to be even less known than those of Cajamarquilla.

The valley, together with the entiry coast



is, without doubt, the highest authority on all these subjects. Address all inquiries

to William A. Radford, No. 178 West

TEMEN 1-6 213

First Floor Plan.

enclose two-cent stamp for reply.

dinary narrow city lot.

Mr. William A. Radford will answer | spenus a picat part of a Questions and give advice FREE OF COST on all subjects pertaining to the subject of building, for the readers of this subject of building, for the readers of this paper. On account of his wide experience, well calculated to supply light espe-cially during the fail and early winter months; but a kitchen built in this fashion comes about as near solvboulevard, Chicago, III., and only ing the problem as is possible to do There is an advantage in a full twostory house. The extra space over

the upper rooms is worth a great deal A full two-story seven-room house of a style like the one here shown is to keep the house cool. The shape and very popular generally in the smaller height of this house gives it a good appearance from the street It does cities. As it is only 22 feet in width not look 1 he a narrow house Probthis hours can be built on the orably the me and shape of the veran-It is just as necessary to specialize da have something to do with this; but it is a fact that a house built like

in designing houses as it is in any this looks larger than it really is other line of husiness Living condi-Such a house may be built under tions differ a great deal as the town favorable conditions for about \$2,000 increases in size, and we are obliged to build houses to fit the changing or \$2.200. A great deal depends on labor conditions and the distance that conditions. When a village has one building materials have to be shipped. Some communities are discriminated against when it comes to house build ing because building supplies must be shipped long distances. Some communities have no stone or sand-two

commodities which are very important in the building line it is noticeable that such communities very often have to bring lumber from considerable distances. All these things affect the cost of the finished house.

The New Magic

A herd of reindeer tramples the Lapland shows; a polar b ar leaps from a hummock of ice and dives into tue arctic seas; a moth breaks its cocoon, dries its tender wings a moment in the sun and essays its first light; s water beetle darts upon a sarke, kinks its forceps below the head and clings to the threshing, meddened reptile while a hundred fellows join the attack and strike until a mortal spot is reached; an otter sneaks upon a rock, slashes a cruel paw into he stream and a quivering bass lies at

public s' nographic business in an

eastern city has developed a' new

branch. She has provided herself and

her assistants with telephone opera-

tors' headbands and receivers by

means of which they take dictation by

telephone directly on the typewriter

from customers, perhaps miles away.

This service is to meet the needs of

lawyers, doctors and business men

who have a few letters to write every

day and yet not enough to warrant

their employing a private stenogra"h-

er. Letters are either signed, ad-

dressed and mailed direct from the

office or forwarded to the customer for

Motor Slaughter.

are killing in the streets of London to-

day about twice as many persons as

were killed by the horse vehicles.

That is a hard fact which is not to be

disposed of by the motorist's claim

that he has far more control over his

carriage than a horse driver ever had.

le has more control, we believe, but

that only makes it plain that the con-

trol is not exercised.-Westminster

Up Against It.

want to go in for a career."

"What would you advise?"

"All right, son."

"Dad," said the Avalon youth, "I

"I dunno Politics is crcoked, and

aw, medicine and dentistry are over-

"That doesn't leave me much of an

opening," said the young man "I

have no talent for baseball."--Pitts-

Roughly speaking, motor vehicles

signature and mailing.

hundred inhabitants, twenty or thirty houses will hold them all. Each house his feet. may occupy a corner, and have an What wonderful stories are depicted

acre or two of land for air space and in the moving picture films The magic carpet is outdone Day for growing fruits and vegetables. There are no sew?rs, curbs, or paveby day the creatures of the wild are ments; the stree.s are not lighted captured in their haunts and led beat night; there any no policemen or fore us Kings ride to be crowned; other public serva its to pay; so the Moorish potters whirl their wheels. Cajamarquilla. Huadca, tax levy on a two-acre lot is not very The mystic Nile flows in the glow of



A Brooklyn man has been sentenced he shall not have cause to regard it as a seven-year plague

"Hitch your wagon to a star!" said Emerson. He was too early to originate the notion of hitching a sledge to an aeroplane. This idea has occurred to an ingenious Frenchman in Algeria. He finds that a sledge capable of carrying three passengers, equipped with a sixty-horse-power aeroplane motor, will glide over sand hills with a gradient of one in five with perfect safety up to a speed of twenty miles an hour. Now he proposes the attachment of a lifting plane for clearing rough obstacles His expectation is that his device will supersede the camel and unite distant points in Africa divided by hitherto impassable wastes of sand.

A woman in Pennavivania was recently fined for being a witch. It is now in order for the sad experience of the western railroad to be repeated in centers of civilization, which railroad was fined for mutilating a valuable work of art in delivering a statue of the Venus Milo with its arms missing.

It is predicted that money-washing machines will be installed in banks and in department stores like those used by the government. They may not come into universal use, however, as there will always be some who have no use for clean money.

According to an authority in such matters, the life of a dollar bill is 14 months. Now will he please tell us how many microbes it maintains during that time?

An Ohio woman secured an injunction to prevent her husband from telephoning her or making dates with her. An injunction isn't needed to restrain the majority of blase husbands.

Lightning in Chicago struck a girl who was playing on the plano and the acts which perhaps might be and between her and the breakers classed as the benevolent despotism of natura

that regrets were useless, and I was about to relinquish all hope of ever seeing the old Peruvian city, when I learned that the departure from Callao of the Ucayali had been postponed

for a day. Communicating this fact to Doctor Saville, he most graciously volunteered to accompany me on the morrow. It was an opportunity I readily grasped.

Thus it happened that we met by appointment at the Lima station of the Oroya railroad at 8:30 on a morning early in July. Gray clouds, as usually, hung heavily over the city when we boarded the train, which soon pulled out of the to kiss his wife at least twice a day station, to begin the steep journey up the Andean for seven years, but it is thought that slopes. A little way outside of Lima the sun she may be generous enough to let | was shining in a cloudless sky, scattering its him off with one on Sundays, so that rays through an atmosphere as transparent as any you could wish to see in Castile or Aragon. Here and there on the route the adobe ruins of pre-Inca civilization might be observed, for the Rimac valley is richer in such ruins than any other part of the coast. The morning was bright and exhilarating when

we arrived at Santa Clara railway station. Leaving Mrs. Saville to proceed to Chosica the professor, his young son, and myself alighted. A little mule car, run on tracks, awaited us. It might accommodate about nine persons. We sprang to the seats, the driver whipped up his mules, and off we were on the long, sandy road between fields of sugar cane. Poor mules, cut and bleeding, how we pitied them! But in those countries animals are handled without mercy.

A run of a couple of miles or more, passing on the way the little train that is used to haul the cane, or carry the laborers, we arrived near the dwelling of the haclenda, now leased, I understand, by Chinese. Some distance from the house we alighted, to continue the journey on foot in the direction of the mountains. For a while we had a good, though dusty road, but the greater part of the journey had to be made through sandy plains, which did not improve our personal appearance, so that we presented a picture of dust and wretchedness on our return to the Hotel Maury in Lima. Our way was now and then obstructed by adobe walls, or by the canals used for irrigation, and over these we had to climb or jump. It was not long before we caught sight of the ruins, solitary and abandoned. With the exception of a herd of cattle and the mounted herdsmen, besides an occasional buzzard or vulture, no living being was in sight

Calamarquilla lies about 23 miles from Lima as you ascend the valley of the Rimac, but in a side valley, in a plain among the spurs of the Andes. The valley is watered by a canal, dug. probably, at a period antedating the advent of the Spanjards. In the vicinity are several haclendas, such as Huachipa and La Niverea, and an occasional "tambo" or rural inn, where, if you care to, some kind of refreshment may be These, however, are hardly visible from had. the ruins, near which one solitary hat 's to be seen. Years ago, when Squier visited the place, the ruins were the haunt of robbers that gave no little trouble to the Peruvian authorities, but the railroad has driven them out of business, and it STREAT SCENE IN CAJAMARQUILLA

is now quite safe to visit Cajamarquilla. In fact, the thought of robbers was not connected in my mind with Cajarmarquilla, until I read Squier's work During our brief stay among the ruins it was

impossible to make anything like measurements, except with the eye, but as far as the vision extended towards the mountain we saw nothing but ruins which stretched to a great distance to right and left. Toward the river they seemed to melt away into the plain. Squier says that they cover an area of nearly a square league, and Middendorf estimates their extent at four square kilometers. From my observations, the ruins consist of houses built of immense adobe blocks, closely adjoining each other, here and there separated by streets. Some of the houses consist of several apartments. Admission is gained through a low doorway, but nowhere is there a sign of a window. As in Pompeil, the roofs, whatever may have been the material of their construction, have long since fallen in. Outside the buildings, the soil has risen to a great height, sometimes nearly to the top of the wall, but inside the walls the depth gives an idea of the original height of perhaps 10 feet or more. To ward the mountain, a large portion of the city is almost completely buried in the sand, which in the course of ages has come drifting down from the hills. There are within the city a few elevations or small hills, which may have been occupled by temples or forts. Pits are everywhere within and without the houses, with a width of from two to four and a depth ranging from six to twenty feet or more. Human remains in the shape of skulls and bones are found within the pits or scattered over the ground, together with bits of pottery and other articles, such as corncobs, which were probably interred with the dead. Some of these pits are said to have served the purposes of storehouses or granaries, while others were certainly graves. The inhabitants of the city buried their dead within or in the immediate vicinity of their houses, although the mass of the people must have used the necropolis. some distance away from the residences. Many of these pits, excavated in the hard soil, are in the form of a jar or urn, while others are square. Squier thus describes the ruins as he saw them:

"These consist of three great groups of buildon and around the central mass, with streets passing between them. It would be impossible to describe this complicated maze of massive adobe walls, most of them still standing, albeit much shattered by earthquakes, or to convey an idea of the pyramidal edifices, rising stage on stage, with terraces and broad flights of steps leading to their summits."

He adds that the history of the place has been lost to tradition.

As standing on an eminence, surrounded by the ruins, with the silence of death upon you. you look down upon what was once a city, capable of containing a population of ten or twelve thousand, you wonder what people dwelt there. The accumulation of soil and the fact that a large

was overrun and conquered by the Incas, a century or more before the arrival of the Spanfards, about the fime that these lords of the Peruvian uplands imposed their rule on the Grand Chimu farther north and on Pachacamac. Though there is little or nothing to indicate an Inca occupation at Cajamarquilla, it is quite likely that after the conquest its population more or less mingled with the conquerors. To judge from the names of places in the conquered districts, the victors imposed their language, no doubt gradually supplanting the original tongue of the

valleys and coastlands. Caxamarca is a Quechua name, meaning "rock city." Caxamarquilla is the Spanish diminutive of Cavamarca. The city in the Rimac valley was thus called Little Caxamarca to distinguish it no doubt from that other Caxamarca to the north, so intimately connected with the sad history of Atahualpa.

Among old writers who have treated of the coast people that preceded the Incas, Don Francisco de Avila, priest in the principal village of Huarochiri, may be profitably consulted. His work was translated and published by Sir Clement Markham, in the forty-eighth volume of the Hakluyt series.

Unfortunately, Cajamarquilla furnishes little data to the archaeologist. It contains no inscriptions, no works of art, and its pits have been opened and searched, probably by treasure hunters, who have long since carried off any objects of value they may have contained.

Yet the ruins are of the greatest interest for the beauty of their situation, their general plan and their adobe architecture. Cajamarquilla must rank as one of the finest remains of that mysterious pre-Inca civilization which existed on the coast between the Pacific ocean and the mighty Andean ranges. Unlike the massive

ruins on Lake Titicaca, or the off-mentioned Pachacamac, it has attracted little attention on the part either of tourist or scientist, and its history does not exist. Yet a careful study of its houses, with their apartments, of its streets, and of its burial places may, I think, throw some light on the mode of life of the primitive people that once dwelt within it. The ethnologist may also find some material in the skulls that lie scattered throughout the ruined city, or buried in its pits.

As you wander through the Rimac valley and contemplate its vast solitudes and crumbling ruins, you ask yourself what has become of the population. Alas, what has become of the Indian population of the West Indies, and where are our Indians of the United States? They have melted away before Caucasian civilization.

Some day a patient explorer and archaeologist may pitch his tents among the ruins of Cajamarquilla to study them in detail and force them to reveal some of their secrets. At least he may give us a plan of the city, and reconstruct it, drawing some order from its confusion.

For the present, Calamarquilla is a mystery It has neither history nor tradition; no legends cluster around it; its existence is ignored; even archaeologists appear to neglect it. It is, in very truth, a dead city of the desert.

And what do you think of my suit?" glance. "There was only one woman here this summer whose bathing suit was becoming, and she's gone home.

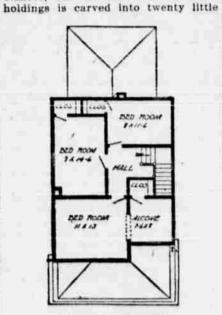
We all of us look funny and I don't look funnier than any one else." And with this parting remark Mrs. Stockwell rolled gelatinously down into the sea and dipped three times.

To Picture Aurora Borealle.

A camera which will enable motion pictures of the aurora borealis to be

oppressive. But when the boomers, the dying sun; shadowy camels pace get to work, advertising the won- her banks; pyramid and sphinx stand derful advantages of the place, the ghostly in the dusk. Italian soldiers population increases in some places fire from their trenches. A battle fleet with great rapidity; then grafters steams out to sea while you lean at come along with their various im your ease and with a talismanic dime provement schemes, and expenses command the world to disclose its soon mount up until a two-acre lot mysteries and paradeits races Small loses its charm when the tax man wonder that the modern child holds makes out his bill. fairy tales in slight esteem -Herbert Fresh air is then sacrificed in pro-Kaufman in Woman's World

portion to the ambition of the village promoters, until, in some Good Idea for Stenoaraphera stances, one of these old fashioned A woman who owns and manages a



Second Floor Plan.

lots, and you get your deed from somebody's subdivision of lot number two, allotting to you thirty feet frontage, the same extending back one hundred feet, more or less, to an alley. This little burial plot then becomes the last resting place of many unsatisfied hopes of fine outlooks, plenty of elbow' room, fresh air, and bright sunshine. But the modern architect has met

the many changing and shifting problems with a brave confidence in his ability to deliver enough condensed house comfort to compensate the new owner fully for his many disappointments. It was for the purpose of fitting a comfortable house to such a lot that this narrow house was de

signed. It is only the width of one He Begins to Sie. "When I first hit town." remarked room and a good hall in the front Farmer Heck. "I uster stand on a corpart, and dining room and bathroom in the center, with an extension for ner and wonder how all these city the kitchen. A kitchen with three people managed to live."

Gazette.

crowded."

burg Post

sides to the weather fits a lot of this "Well?" "Well, seeing as they have got \$78 kind to perfection. You cannot get too much light and air into a kitchen out o, me in four days, it ain't such It is the most important room in the a mystery, after all."-Washington house-a room where a woman Herald.

LOOKED WELL AS ANYBODY

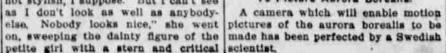
Portly Lady Was Not Wasting but she had seen her thus in her am-Thought as to Her A ---arance in Bathing S #

Mrs. Stockwell stood on the beach n her bathing suit. The tide was low Mrs. Stockwell," remarked the petite girl, as Mrs. Stockwell raised her fat damaged the plano. This is one of and there was a stretch of shining he slender, petite girl who sat a few over her hair. "It's good enough," was the breatheet further up the beach could see or superabundant form in profile; less response. "Keeps my hair dry. petite girl with a stern and critical scientist,

litely. Mrs. Stockwell laughed oleaginously, plitude every day at bathing hour for her portly person shaken to its foundamany weeks and the phenomenon no tions by the act. "Why, it's nothing longer aroused her wonder.

but an old suit," said she, "but it's "What a nice rubber cap you have, The summer's over good enough.

now; I wouldn't get a new one. It's not stylish, I suppose. But I can't see arms in the act of drawing her cap as I don't look as well as anybodyelse, Nobody looks nice," she went



"All right," said the petite girl, po-