

How an Army of 4000 Men Stamped out the Malady and Its Causes.

t a single case of yellow fever unama—at least, along the canal The last case reported was

horities do not anticipate a recurve proportions, so well have the

Thus a great barrier to the construc-tion of the canal has been lifted. The irt fly" on the great ditch that is to link the Atlantic and Pacific oceans, and which will be used in such a vast amount of the

ipon the solution of this problemr or not yellow lever could be not only success in building the preent waterway, but the degree of its ip the work to which it had been as-

An army of workmen could not be tained there, and certainly capable engineers and overseers would not be content to remain there should pre-

reach Asia from the Isthmus of Panathe growth of grass, are also lavorable to
the growth of the mosquito, and
the steepomyia fasciate mosquito these had to be cleared away.

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The steepomyia fasciate mosquito the street corners, and free water was supplied to all who proved impossible. The actual time the Society of Electrotechnicians. The tions, and the land becomes a series of worthless gutters. Next may be

ult of his scientific researches in Havana in 1900, he demonstrated canal would be delayed and its value afterward impaired.

To remedy this condition, eight local

sellow fever belongs to Col. W. C. left and returned to the United States. task by successfully stamping out transmitting the fever.

case from outside, effective quarantine nee. They are incapable of sustained ions were put in force against flights for any considerable distances. South American norts. Quarantine The sanitary authorities recognized stations were established at Panama. that the danger arose from mosquitoes Ancon, Christobal and Colon, and all bred in and around the houses of the given a few days' previous notice, and vessels arriving at those ports from towns. The work of pregenting the southern countries were subjected to propagation of these mosquitoes was If a contagious disease was found

If yellow fever could not be banish- fasciata mosquito the sanitary extoes in every quarter of the city.

If from the isthmus, it seemed pro-

Once introduced into the cities and lowed from July 1st, 1901, to Autowas of China, the loss of life would be enormous and the effects upon comincree disastrous, while the difficulty swamps filled in amounted to 67,100

The people of Panama, themselves and hreeding immune from yellow fever, have subplaces were destroyed. The only 'ves mitted patiently and uncomplainingly famous Port destroyed. The only 'ves mitted patiently and uncomplainingly famous Port destroyed. The only 'ves mitted patiently and uncomplainingly famous Port destroyed. The only 'ves mitted patiently and uncomplainingly famous Port destroyed. The only 'ves mitted patiently and uncomplainingly for over the summand of great volume, draining as it does of life would be an another of the summand of the stand are the large earth fumigation. The few complaints which of great volume, draining as it does of the stand are the large earth the large earth fumigation. The few complaints which of great volume, draining as it does the stand are the large earth fumigation. The few complaints which of great volume, draining as it does to be drawn from the part of the bark, but, like the nunter of an another summand only the bark, but, like the nunter of famining only the bark, but, like the nunter of famining only the bark, but, like the nunter of famining only the stand in an another summand of the stand are the large earth fumigation. The few complaints which does not construct the part of the stand are the bark of the stand are the bark of the stand are the bark of the bark, but, like the nunter of famining the stand are the bark of the bark, but, like the nunter of famining the stand are the bark of the bark, but, like the nunter of famining the stand are the bark of the bark o Orientals to adopt modern sanitary methods of dealing with the scourge would be very difficult.

Swamps filled in amounted to 67,100 sels in which domestic water is now to the annoyance and inconvenience of modern sanitary drained, 948,616 square yards; grass and coolers in use by the have been made have related rather to the thereabouts through a chasm which and young, thus making natural results and other square yards; swamps filled in amounted to 67,100 sels in which domestic water is now to the annoyance and inconvenience of draining as it does the first tribute, a hure but of people, and finally overtaking 150 of great volume, draining as it does the first tribute, a hure but of people, and finally overtaking 150 of great volume, draining as it does the first tribute, a hure but of people, and finally overtaking 150 of people, and finally overtaking 150 of great volume, draining as it does the first tribute, a hure but of people, and finally overtaking 150 of great volume, draining as it does the first tribute, a hure but of people, and finally overtaking 150 of people, and finally overtaking 150 of great volume, draining as it does the first tribute, a hure but of people, and finally overtaking 150 of people, and finally o The Panama canal commission had ear feet; ditches cemented and lined, one great advantage over its prede- 12,370 linear feet.

ates army, the causative agent in ty-six men, or almost twice as many. however, many cases were never re hold there.

But even this cheeking of mortality ported and others remained for sever-

ever is transmitted from one person | Necessity for this was impressed by a another through the bite of the a slight outbreak of the fever which He also showed how the pest could be occurred later. It was not as extensive nor as alarming as many that had preceded, it in the years gone A Big Man For A Big Task.

by, but it caused almost a panic among the 25,000 workmen employed in canal construction. Many of them

tricts, and each district was assigned tached with paste.

lisinfected, and persons who showed to an inspector, who visited each | "Iron pots or brick supports con Because of the ravages of yellow suspicious symptoms were detained house once or twice a week to see taining pyrethrum powder of sulphur pandoned on under observation until the disease de- that no mosquito large were breed- were placed in each room; ignited,

the canal on two separate occasions under observation until the disease developed or the period of incubation ing on the premises.

In October, 1884, when the French resolved itself into exterminating the company had on the isthmus a force mosquito carrying the infection and in removing the conditions favorable in removing the conditions favorable rely on water barrels, eisterns, and other real carrying the intercept of that no mosquito large were oreed ing on the premises.

In the past this work was exceeding by difficult, owing to the primitive water supply of Panama and Colon, which compelled the inhabitants to rely on water barrels, eisterns, and other real carrying the intercept of the premises. same month in 1905, however, the to its propagation. It was also as other small and stagment tanks for lathmian canal commission, and the sential to put the Isthmus on a sufficient water for ordinary domestic Panama railroad company, employing theroughly sanitary bas's.

In the war against the stegomyin numerable breeding places for mosqui-

of the Philippine Islands, those of where there is standing water, so that it was necessary to drain stage of that it was necessary to drain stage clude mosquitoes from the surface of within the shortest possible space of of Paris. Light, heat and motive pow-himself and his dependents a living that the cheapest rate.

Some idea of the stupendous task came it became possible to begin the consumed was forty-four days, or from enterprise is so assured that contracts of worthless gutters. Next may be and sanitary conditions there are far it was to give Panama a thorough wholesale destruction of water barrels. July 7th to August 19th. The entire for the delivery of current in Paris at mentioned the professional wood-cut-

cersor, the French company, in dealing with the epidemic of yellow fever. When the French government undertook the work of digging a onual, the cause of the disease and how to complete the same months in 1831 and the complete the same months in 1831 and the mountain slopes by the rains, who came from Prince William Land, cause of the disease and how to complete of the same months in 1883 and been declaration or upon ever, has been accomplished. Yellow through a double tunnel of 4,500 me. The great object of the work, how came from Prince William Land, who came from Prince William Land, who came from Prince William Land, that they had never seen whate men

now known to the world. As a re- was not satisfactory. The disease had al days unscreened before they were

To remedy this condition, eight local

onstrated his fitness for the big truction of all mos puitoes capable of and a double vestibule attached to

nboard, vigorous steps were taken to ma and Colon.

These towns were divided into dis sheets of paper of sufficient size, at them,

In the past this work was exceeding hours. The doors and windows were then opened, and as soon as the smoke were swept and the sweepings, conquitoes, were taken into the street and

Fighters on the

Isthmus

"It became apparent in June that the fumigation of only those houses

To prevent the infection of mosqui- fact of the fumigation itself. Few it has scored for itself in the solid production of the forest impossible. toes and the consequent screed of yel- claims have been filed for compensa- rock.

1884, when the French had at work the reports of laborers of the steer fever has been banished from Panama. tres, or about 4,750 yarns, with a fall late, the reports of balding back the previously. He visited the village, and

Rheumatic Virus Expelled. In any established case of rheumatism the action of the kidneys and di-To remedy this condition, eight local physicians were appointed in Panama and five in Colon, to act as medical inspectors and to make a daily house-to-house canvass of the two cities, repelled. Any effective theumatic cure must cause a general house cleaning of the system. The proper functions of the system. The proper functions of organs must be restored and they must be set to work. This is the proper function of the plans, and destroying water powers and the very soil—a vegetable mold—caten away by the flames, this constant the very soil—a vegetable mold—caten away by the flames, this conservative influence no longer operates. Torrents rush down the mountain sides, filling streams and harborate powers are destroying water powers and to make a daily house-to-house canvas of the very soil—a vegetable mold—caten away by the flames, this conservative influence no longer operates. Torrents rush down the mountain sides, filling streams and harborate powers are destroyed and the very soil—a vegetable mold—caten away by the flames, this conservative influence no longer operates. Torrents rush down the mountain sides, filling streams and harborate powers are destroyed and the very soil—a vegetable mold—caten away by the flames, this conservative influence no longer operates. To work the very soil—a vegetable mold—caten away by the flames, this conservative influence no longer operates. To work must be set to work. This is what in the preparation of the plans, and destrovin water powers, and sweep-

I Purity tea. Crawford's.

states and in Cuba.

It was a tremendous proposition.

It was a tremendous proposition building be closed. Guards were limited number of immune relatives or the descriptive powers of the control of the descriptive friends. Pacause of this precaution west, under the heading "Saskache-

recommendation. It was necessary to sive Panama a good cleaning up and to adopt modern sanitary measures.

Yellow-fever-bearing mosquitoes do feeted in any other house or building that the open swamps or it went through the process of fuminities. By August ten dollars was saverage in the corporations. Our chief industry, grain growing, is represented on the ed, and with that the counte came to lower part of the shield by three In discussing the manner and this city, where the man has found sheaves of grain tied with baby napmethods used in the fumigation work, good employment, and is at work kins, to show that grain growing is steadily. An example of a few farmers still in its infancy. The whole picture education authority to give instruction here attended the high school from here attended the high school "The occupants of the house were of this class would benefit generally. is spattered over with imitation of tion in gardening. then at the appointed time a brigade, in charge of an inspector, would make one complaint, then Carter's Little hard to tell, but it is intended to

Opening of the Panama Waterworks System. RIVER TO LIGHT PARIS. \$4,000,000 to Be Saved By Em-

ploying Water Power. bable that the disease would be carried from the tenal ports to the ports

pagation. This species can live only
ried from the tenal ports to the ports

pagation. This species can live only
all water recentacles with wooden covering to utilize the River Rhone for the design to utilize the River Rhone for the City

control of the steeronya erigade or to which they had been traced, would not be sufficient to check the realization in France. It is proposed to utilize the River Rhone for the design to utilize the River Rhone for the design to utilize the River Rhone for the design to utilize the River Rhone for the City

control of the steeronya erigade or to which they had been traced, would not be sufficient to check the realization in France. It is proposed to utilize the River Rhone for the design to utilize the River Rhone for the City in the River Rhone for the design to utilize the River Rhone for the City in the River Rhone for the design to utilize the River Rhone for the design to utilize the River Rhone for the City in the River Rhone for the design to utilize the River Rhone for the City in the Rhone for the City in the Rhone for the Rhone for

Through the discovery of the late approximately the same number of mrn. they lost from yellow fever sixlate name the discovery of the late approximately the same number of mrn. they lost from yellow fever sixlate name the discovery of the late approximately the same number of mrn. they lost from yellow fever sixlate the run-off, holding back the scourge will never again secure a footlocation, and it is believed that the dread of sixty-five metres. This will furnish the imperfect system, scourge will never again secure a footlocation and it is calculated, equivalent to ground circulation, and insuring.

The discovery of the late approximately the same number of one and it is believed that the dread of sixty-five metres. This will furnish the imperfect system, believed that the dread of sixty-five metres. This will furnish the imperfect system, believed that the dread of sixty-five metres. This will furnish the imperfect system, believed that the dread of sixty-five metres. This will furnish the imperfect system, believed that the dread of sixty-five metres. This will furnish the imperfect system, believed that the dread of sixty-five metres. This will furnish the imperfect system, believed that the dread of sixty-five metres. This will furnish the imperfect system. ed by forty-eight dynamos divided in-

20,000,000 francs, or \$4,000,000.

done by "stegomyin brigades," working and Colon
and Colon
and Colon
bear of Panaing and Colon
and Colo on paper bearing the wonderful adornSkates, pucks and hockey sticks, of at Gibson's Red Cross Drug Store.

all kinds at Strachan's hardware.

See Bibby's \$1.50 mocha gloves.

STEADY IMPOVERISHMENT The Foes That Are Busy With Are Different From Their Polar

The lifetime of the yellow-fever-bear-ing mosquito is about three months, which is ample time for a ship to reach Asia from the Isthmus of Panametria and provided to growth of grass, are also favorable to reach Asia from the Isthmus of Panametria and provided to growth of the mosquito, and the growth of the mosquito, and the street corners, and the street corners and the street corners, and the street corners, and the street corners are street. housedeaning may be gained from the following statistics, which cover the period from July 1st, 1901, to Au-The electric current is to be developto groups, each driven by a turbine of advantage of agriculture, commerce, in shape from those of other known 10,000 horse-power. The lines to Paris manufactures and all other interests tribes. They are nomadic. The only will be as arect as possible; the distance is between 250 and 200 miles the very soil—a vegetable mold—ation seen by Capt. Klinkenberg was cannot be understant of the United States army. When President Rosewelt cast about to find a men to make the lathmus a fit place in which to live, he selected Dr. Gorens as the chief sanitary officer of the grant zone. The officer had already demonstrated his fitness for the big. effect a net annual economy of about The continuation of this process is America means, as in vast areas in the old world, the rapid transforma-

be'n' allowed to encourage rifle shoot- Misses Hattie Heath and Emma De

NEW RACE OF NOMADS

The Fever

Also Exterminated

Spreader's Mate

Liverpool, Dec. 8.-A new race of Albert and, in the Arctic, who had never previously seen white men, who lived under most primitive conditions and who were armed with copper knives and bows and arrows. The information was brought south

to British Columbia by the crew of the British revenue cutter Thetis, who learned the facts from the discovered of the people, Capt. Klinkenberg, the steam whaler Olga. Last winter when the vessel was in

has registered zero for the last few days. The shop windows are arrayed Francis Healy has sold his butchering ousiness to Edward McEwon, Westto the village early in the spring. We wish him every success, Mrs. H. Mc-Kenny is on the sick list. Dr. At the First ones and the second of the proposition, however, that confronted Col. Gorwas one that second to justify the administration building be closed, Guards were of the proposition of \$2,000,000 and "the
employment of 4,000 near. The work was to be something on a larger
was to be something on a larger
was to be something on a larger
was the history of sanitation or
which a history of sanitation or
history of the best of the broady
was to be something on a larger
was to be something on a lar Consitt is able to be out again after London, Dec. 8.—The Burgess Hill day Mi group of council school managers, not dress-making with Mrs. H. Howe.

out of town for Christmas can have

Carving Set \$2.00 to \$7 dozen; also from \$1.00 t

> Agat

Tri-use Cen careal cooke pans in one quality blue

\*\*\*\* **ET THOUGH** 

FOR SUNDAY REV. N. T. PERRY In St. Catharines Stand

A searchlight on a river-bo startling thing. When its fla denly and unexpectedly strik the person on the bank it se a light which searches him at him try to be at his best. Th was unimportant to him , w walked and talked in the now becomes full of interest. ders how he looks in that ligh is the criticism from those In the blaze of that knows that every spot and r blemish is clearly seen. He ened and inspired to appear act his best. So the secret which the Psalmist speaks known to the man until they in the radiance of the face of The Scottish poet, Rober once uttered a poetic prayer power to give us the gift to

selves as others see us-to see

sins even as they are seen by We often say that a man knows mind best. It is not always haps others know things ab which are absolute secrets to The general criticism which ly given often ends with a too bad that he does not s fault which injures him." We He does not. Truly a pecul harrowing experience might be we could openly hear the criti ourselves as they are honest by other people. There would things to startle us and we w our secret sins under a searchlight. Such an experience harden us; it should humble man often knows everything than himself. He is like a glo ter who visits every place be own country and his own home read the biography of men, v the lesson to other lives th own. If we study society we which are a close fit for other not for ourselves. If we lister mons we find that they have for others, but none for us easy to go away unchastened

It is the indifferent, godless who does not see his secret si is like the animal that feed sleeps and becomes contented his own fate. Such men say t as good as others and or somewhat better than some who be, are in God's house, pleadin the Almighty, one for a cleane So they say, and so they think own sins are yet secrets to selves. It is a charitable this make allowances for the si others, but when we begin to our own with a wash of pallie ignorance, and to interpret init mere eccentricity, then we are in a fool's paradise, bound throttled by our secret sins. The earnest testimony we have ev about the consciousness of s