## DESERET EVENING NEWS: SATURDAY, NOVEMBER 9, 1901.



A Visit to Soerbaia, the Chief Commercial City of 25,000,000 People.

Bicycles and Automobiles on the Equator-Chances for American Trade-Our Cottons and How They Should Be Sold-Big Sugar Plantations-All About Indigo And How It Might be Raised in the Philippines-Millions Who Work for a Cent an Hour and Live Well on Three Cents a Day-Java's New Oil Fields-Education Among the Javanese-High-Priced Teachers-A Visit to a Normal School.

# FRANK G. CARPENTER.

25,000,000 people. It is situated as far east from Batavia as New York is from Cleveland and is connected by railroad with all parts of Java. I came

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to it on the government line, which crosses the island from west to east, and my whole journey was through rich plantations of coffee, tea, tobacco, sugar, indigo and rice. There were villages in sight all the way; the people fairly swarmed, and I got some idea of the enormous population of this Dutch colony.

### THE NEW YORK OF JAVA.

Soerbala is the New York of Java. Soerbala is the New York of Java. It is its principal seaport and it has the most trade. The city has 150,000 inhabi-tants, and of these only 7,000 are Euro-peans. Still, these Europeans live far better than their brothers of Europe. Many of them at rich and their homes are palaces.

The streets of Soerbaia are wide and shaded with magnificent trees. They are paved with asphalt and beautifully ughted. In the residence parts every abuse has a large lawn about it, with paim trees and flowers and well-kept walks. The grounds about the better walks. The grounds about the better homes are as large as those of Euclid evenue and they are equally well kept. Some of the houses are of vast extent. They are of one story, but the rooms are large and the cellings very high. Most of the houses have verandas roofed with red tiles, which are upheld by which machine pullars. Many of them Walks by white marble pillars. Many of them are floored with marble, and marble forms the floors of most of the porches. The town has electric lights. Every well-to-do man has a telephone and all the modern conveniences.

### BICYCLES AND AUTOMOBILES.

I came here to investigate the chances r American trade. There is a good opening for our bicycles and also for automobiles. There are many Ameri-can bicycles used in Java. I see our bading makes in every town. Here in Soerbala the bicycles are taxed and here is a number fastened to the back there is a number fastened to the back of the seat of every wheel. I noticed one the other day which bore the fig-ures 2,002, so I judge there must be more than two thousand in the city. These people want a good thing, and are accustomed to paying high prices. It seems strange to have to get out of the way of an automobile in Java, but if It seems strange to have to get out of the way of an automobile in Java, but I was nearly run down by one the other night. The driver was a young Dutch-man who was out with his sweetheart taking the air. His hand which should have been on the lever was about the waist of his inamorata, and he was oblivious to globe trotters and everyone

of carriages are used here.

OERBAIA, Java.—Have you ever heard of Soerbaia? It is the chief commercial city of the chief commercial city of sado or dos-a-dos. a sort of a little dog-cart drawn by a pony, in which the driver sits in front and the passengers behind facing the rear. These are the cubs of Batavia, Soerbala and the other cities, although there are larger vehicles for hire. No one thinks of walking in this hot climate, and in the cooler parts of the day the roads are full of carriages, private and public. There are native coachmen and footmen in livery,

and according to law, each coachman has (o have a whistle to warn others to keep out of his way. He carries this in his mouth and toots once or twice at block CHANCES FOR AMERICAN COT-TONS.

Our cotton factories should send agents to Java to study the patterns and goods needed by the people. Java imports from \$60,000,000 to \$80,000,000

worth of stuff every year, and a large amount of this is cotton. England sells \$\$,000,000 worth of plece goods to Java annually, and Germany and Holand have a large share of the trade. About \$800,000 worth of machinery are brought in from England every year. and an almost equal amount of iron. It used to be that the Dutch monopolized everything, but at present no dif-ference is made between Dutch and foreign imports and the tariff is low. The chief American goods now sold are carpenter's tools and sewing ma-A cheap variety of hand sewchines. ing machines is common and American axes are everywhere in demand. There are no American cottons or prints to speak of, and these should be the chief feature of our trade.

HOW THE DUTCH TREAT TRAV-ELERS.

Java.

I don't think our commercial travel-ers would have any trouble in entering Java. The custom officers are lealent. A drummer who brought some samples of silver plated ware to Batavia not long ago was allowed to open his stuff in the custom house and sell there. He was charged duty only on the articles sold, and he used the government office as a store. There is a good opening here for American watches and clocks, and for all kinds of American knickknacks and notions. The distance is too great for flour and perishable products, and the freights are high. At present everything comes via Eu-rope and the Suez canal, and this may still be the route after the opening of the Nicaragua canal, as the Suez route will probably be the cooler.

JAVA'S BIG SUGAR PLANTATIONS. A vast deal of machinery of all kinds is used in Java, and it will pay our exporters to send their agents to work the various factories. There are sugar mills here which have the finest of modern machinery, single machines running high into the thousands of deliver. At meant most of such madollars. At present most of such ma-

worth of sugar from this port of Soerbaia alone, and our total imports of sugar last year from Java amounted to \$27,000,000.

Java is now producing about a billion and a half pounds of sugar every year, and its plantations are among the richest of the world. The cultiva-tion is along scientific lines. The fields are trenched to a great depth and are otherwise cultivated more carefully perhaps than in any other part of the world, with the single exception of the Hawaiian Islands. They are planted by cutting the cane into short lengths and sticking it upright in the ground. In some places the seed plants are raised on the highlands and the cuttings carried to the lowlands for planting. This is on account of a disease which has recently affected the cane of the lowlands.

IN THE CANE FIELDS.

Sugar grows luxuriantly here. The cane fields are a very thicket through which it is almost impossible to go. The cane is full of juice and contains a large percentage of sugar. For a time a great part of the product was raised on the government plantations, but on the government plantations, but about ten years ago such cultivation-was stopped. Now all sugar is raised on lands leased from the government and on private estates. The govern-ment estates have steadily decreased, and in 1895 there were less than 200 of them them. Many of the large sugar factories were developed through the culture sys-tem. The government advanced money

to colonists to build sugar mills, agree-ing that the natives of the districts where the mills were built should be forced to grow enough sugar cane to keep the mills going. One-fifth of the land was planted in sugar cane, and every native had to give one day's la-bor a week to tend the crop. The mill owner agreed to sell one-third of his product to the government at a low fixed rate, thus paying back the money advanced to him. Holland made an enormous profit out of this business, receiving for years a revenue of more than \$5,000,000 annually from its sugar sales. It insisted that all plans for factories should be submitted to the gov-ernment engineers for approval, and the result is that sugar making is car-ried on as scientifically here as at any place in the world. The low wages and the machinery reduce the cost of the product to a minimum. As it is now they make refined sugar for about \$1,60 gold a picual, or for a little more than cent per pound.

l cent per pound. Our sugar lands in the Philippines are managed after the most wasteful methods. Nevertheless the planters make money. If the agricultural department can establish experimental stations and factories it can probably show the sugar men how to increase their profits tenfold.

grown at a profit on almost every one of the Philippine islands. The indigo plants are found in several of the pro-vinces of Luzon, and a small amount is grown in the northern part of that island. Here in Java there are vast plantations devoted to this crop, and I am told that they pay very well. Some of the planters rent their lands of the natives and others have estates leased from the Dutch government. The best indigo is grown in the central part of the island. I saw a number of plantations on my way from Solo to Soerbaia. They looked for all the world like plantations of rag-weed grown in regular rows. The indigo comes from the leaves, which are ploked off three times a year and put to vats of water times a year and put in vats of water to ferment. Enough water is put in to fust cover the leaves. Within a short time the blue coloring matter or juice goes out into the water and after a while the water turns a yellowish green. It is now drawn off and allowed to soak into powdered chalk, which, when dried, becomes the indigo of com-merce. The best indigo has a fine pur-ple-blue color and it should have a sort of a copper gloss.

MILLIONS WORKING AT 1 CENT AN HOUR.

So far I have not discovered trades

pantaloons, a sort of divided

so far I have not discovered trades unions in Java, and the contrast be-tween wages here and in Australia is painful. It is difficult to find a man in Australia and New Zealand who is not making \$2 or more for eight hours' on my way eastward, They are situated not far from the north coast. One lies near Soerbaia and the other not far from Batavia, the two being several hundred miles apart. None of the oil work. Here there are millions who are glad to get 20 cents for ten hours' so far goten is equal to that from the United States, and it is now selling for about 20 cents less per case. The Standard Oil company has the bulk of the trade here. It has its agencies at work. It is only in the cities that the men receive as much as this. In the mountainous regions of the Preanger I saw men and women laboring for less than a cent an hour, and in the tea Batavia, Samrang, and Soerbaia, and it brings in oil by the ship load. The oil is bought by the Chinese middlemen, who sell it to the native merchants, who readily it out is small quantities. In the plantations the regular wages are 7 cents a day for six hours' work. On the railways the trackmen get 14 cents, gold, a day and on the government farms they receive less. Here in Soer-baia some common laborers get 16 cents a day, and this is considered high peddle it out in small quantities. In the market the average measure is a tin cup about the size of a claret glass, and the usual purchase would not more than fill an egg-shell. The oll is sold on a very close margin, costing about 18 cents a gallon. The Chinese use oil largely in their trade with the natives. wages. I am told that a man can live on 4 gulden, or about \$1.60 per month, and the man who gets from \$3 to \$5 a month has all he wants and money to burn. The result is that with all the low wages there is little poverty in Java. exchanging it for rice and other arti-

# HOW THE DUTCH EDUCATE THE JAVANESE.

The people everywhere look fat and healthy. They respect themselves, and, on the whole, are, I think, happy. They spend all they make and delight in gay clothing. In some regions they wear During my stay in Java I have looked buring my stay in Java I have looked into the methods which the Dutch are employing to educate the natives. They have quite as big a job as we have in the Philippines, and so far they are hardly at the beginning. For years they did not educate at all, but they are now establishing native schools, and in the best make some change. the craziest patterns of brown, red and yellow calicoes. The men wear calico skirt, which has zigzag stripes, looking as though it had been struck by lightning. Many of the patterns are beautiful. They are the invention of the people, and in time hope to make some change in the 25,000,000 people under their gov-ernment. I traveled from Batavia to the work of printing them being done by hand and in some cases the design being sketched out of the head of the designer. The English and Germans Djokjakarta with one of the school ex-aminers, a man who has been teaching designer. The English and Germans have copied these patterns, even to their faults, and are shipping in printed cottons in vast quantities. The home-made articles bring high prices, but the initiations call for a fail profile to the

cost of manufacturing. To introduce American prints it might be well for our factories to obtain the original de-signs and copy them. JAVA'S NEW OIL FIELDS. I passed through Java's new oil fields

are five colleges for the training of na-tive school masters and more than a thousand schools of a lower order, with 125,000 pupils. There are some private schools taught by missionaries, and also schools of a mechanical and industrial order. All told, however, there are not

more than 200,000 children in school, and this in a population of 25,000,000 is very WHAT THE TEACHERS GET.

We have just sent a ship load of teachers to the Philippines on an un-derstanding that they are to be paid from \$75 to \$100 a month. The Dutch pay their teachers much better, espe-cially those of higher rank. The school examiner I have referred to told me that his salary was \$300 a month in gold. He said that primary teachers received from \$50 to \$220 per month, with house rent, and high school teachers from \$180 to \$300 per month, while school directors or superintendents get from \$240 to \$400 per month. In addition to this the teachers have a year's va-cation on half pay at the close of every ten years' service and a free trip to Eu-rope and back. After serving twenty years every teacher has the right to re-

tire on a pension amounting to 16 per cent of his salary at the time of leav-The school work is not so hard in Java as in the Philippines. The hours are shorter. In Batavia they are from are shorter. In Batavia they are from 8 a. m. to 1 p. m., and as a rule teach-ers expect to put in about twenty-four hours per week. The instruction in the schools is given in the Dutch language and it is required that all children appear there in European clothes whether they be Europeans, Japanese or Chi-

road and outlined the route with his fingers, although there was no railroad marked upon the map. I referred to the war between the English and the Boers and he took another map and described for me the territory of the Transvaal, and in response to my ques-tions pointed out the Nile and located Cairo and Khartoum. I found boys equally bright in every class and was told by the director that they showed fully as much intelligence as the Euas much intelligence as the Eu-

taken by the government secretary, Mr.

E. Meertens, through the schools. We first went to the normal school for na-

tive teachers. It is held in a collection of Greek buildings surrounded by large grounds. At the back there is a gym-nasium and about it an acre of campus,

Entrance to the school is by competi-tive examination, the applicants coming

from the schools below. In this college only boys were taken. They enter at the age of twelve or more years and

graduate three years thereafter. They spend a year under the superintendence of a Dutch teacher, after which they may manage a school for themselves. The boys are paid from the time of en-

trance to the college, receiving \$5 or \$6 per month, which is enough to clothe

them and given them spending money, The studies include the higher branches taught in our public schools.

They have geography, algebra, chemis-try and physiology. They must also learn the Malay and Javanese lan-guages as well as the Dutch. They are

taught to draw and paint and they are in short given what would be consid-ered a very good education even in the

I visited the class rooms and heard the students recite. They do quite as well as our boys and are equally intelligent. In a geography class I asked a boy to go to the map and put his finger on New York. He did so at once. I asked

him how he could get to San Francisco from that point. He replied that he would cross the United States by rail-

road and outlined the route with his

United States.



#### Photographed for the "News" by Frank G. Carpenter. THE REGULAR VEHICLE OF TRAVEL.





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