A Country Whose Cotton May Compete With That of United States





COTTON MERCHANTS OF OMDURMAN



WEAVING COTTON IN THE SUDAN

will be supplying a good tivation. share of the raw material needed for the rigation works will have to be con-

every attempt to rob her of the Nile. Native Cotton Everywhere.

At present cotton is raised in a small way in every one of the thirteen provinces of this sountry. It is grown to a considerable extent along the Nile between here and Egypt. In Berber and Dongola, two large provinces of lower Nubia, the most of the crop is used by the local weavers, who make it into a rough white cloth known as damar, which forms a large part of the clothing of the Some is grown along the borders of

Abyssinis, and there was formerly a cotton factory in one of the towns of Kasalla. Still further south, in the province of Sennar, there are branches of the Blue Nile whose valleys are famous for cotton. The governor there had a cotton show last week which attracted a hundred exhibitors, and he has set up a few small cotton gins which are now being worked. That region has exported considerable cotton to Abyssinia.

In the Red Sea provinces there are that a good crop is expected at Tokar,

The governor of the White Nile province has recently reported that he is succeeding in raising Egyptian cotton, and that two acres of ground at Duem last year turned out from three to four bales each, with only three artificial water-The sirdar tells me that the vast plain between the White and Blue Niles. known as the Gezireh, could be made to produce vast quantities of cotton, and it bolieved that it can be raised in the Bahr el Gazel, away up on the edge of the Congo watershed. In the Blue Nile province the cotton acreage planted this year is twice as large as it was last, and in the White Nile province an increase of about 1,300 acres is reported.

Cotton at Khartum.

Here at Khartum there has been a considerable increase in the amount of cotton planted, and the farmers tell me that the crop pays well. Angelo Capato, one of the richest of the Khartum merchants, who has 6,000 acres of land, says that he raised 100,000 pounds of cotton last year, which he shipped to Alexandria for sale. It was sent there unginned, and it brought 21 cents a pound, or 1/2 cent more than the cotton of the lower Nile valley. Mr. Capato mays that he bought his land for \$6.50 an acre, and that he has already been offered \$225 per acre for 500 acres, but that he would not take it. Said he:

"I can make 8 or 9 per cent net out of my land by renting it at \$30 per acre for a money rent, and if I plant it to cotton, several times as much more. I am now using steam pumps and am importing steam plows; and it may be that I shall some time have a cotton factory and ginning establishment right here."

Leigh Hunt's Great Plantation.

One of the most daring cotton planting enterprises to be found in the whole Nile valley has been started by an American. I refer to Mr. Leigh Hunt, who, in conetion with Mr. Sloat Fassett and others, made a big fortune in gold mines in Corea. Mr. Hunt has a concession of something like \$0,000 acres bordering the Nile, just opposite where the river Atbara, or Black Nile. flows into the main stream. The Athara brings down almost all the mud which the Nile spreads over Egypt, and these lands are so situated that they can be easily irrigated.

Mr. Hunt has imported a number of steam pumps, and is gradually putting water onto the land. He has built a house there which has cost something like \$40.000, and I understand that he has spent something like \$1,000,000 in the development of

His lands lie near the junction of the Cupe to Cairo road, which runs from Alexandria south to Khartum, and the Nile and Red Sea railway, which connects that road with Port Sudan on the Red sea. This will give him two outlets for his cotton. He can either send it to the Red sea across the Nubian desert by a short railway haul of about 200 miles, or down to the Mediterranean over the Cape to Cairo route, a distance of considerably more than 1,000 miles. The probability is that it will all go to the Red'sea, and thence by steam ship to Europe or the United States.

As yet the experiment is not far enough advanced to be pronounced an unqualified ess. Mr. Hunt has had trouble with his labor, with his machinery and with insect pests, and especially the locusts, which have eaten up a large part of his These difficulties can be overcome, and the land promises to be worth a great fortune. I understand that it was given him by the government at a low rate in consideration of his developing it. It will cost, with its improvements, only a few dollars per sere, and when the water is

Correspond enough to pay a good interest on that each of which holds perhaps and Bee.)—The sum. Thirty thousand acres at \$200 per when carried away it is put up in bags and British officials here tell me acre means \$6,000,000, and this, I am as- not in bales. A great part of it goes to that the day will come when sured, is not an overestimate of its prob- the native weavers, who turn it into cloth, Anglo-Egyptian Sudan able value, if it can be brought under cal- using the smallest factories one can imag-

I met Mr. Hunt in New York shortly cotton raised is but a few million asked me to call upon him at his planpounds, and the exports of last year tation. He met with an accident, however, no doubt but that the Sudan has vast than he had intended. I asked him some areas of good cotton lands, but large ir- questions about his plantations then, but he had little to say. He is modest in structed before they can be brought into talking about himself, and the information cultivation, and Egypt is kicking at I have given here is not from him. I find that, he has the respect and esteem of every one here, and the general opinion is that he will succeed. I am told he is a large owner of lands in the suburbs of Khartum. About three or four years ago he bought sitxy agres just outside the town, paying \$100 or \$150 per acre for it. The total cost was under \$10,000. That land is rapidly increasing in value, and is said to be now worth anywhere from onequarter to one-half million dollars. Angelo Capato tells me that he is authorized to offer Mr. Hunt \$200,000 for it as a whole, but, he adds, Mr. Hunt will probably keep yarn by hand. It and develop it upon his own lines as a new addition to the city of Khartum.

Selling Cotton in Omdurman.

It. Both the sheds and the streets are the boy weavers received and was told 10 filled with cotton. The cotton is brought cents a day.

Not, far from the street where the cotton cotton mills of Manchester. If so, it will before I left for Africa. He then hoped is sold I found a little factory, which put be far in the future. The total amount to be in Egypt at the time of my visit, and the raw material through all the processes and turned it into native cloth. The establishment consisted of a half dozen mud were only 4,000 bales. There is which kept him in the United States longer huts, shut off from the street by a mud wall, which, with the huts, formed a court. In the court a dozen black-skinned women were sitting on mats on the ground, ginning and spinning, while the weaving went on in the huts at the back. The gin was somewhat like a clothes wringer, save that the rolls were about as big around as the ordinary candle, and that the whole machine was so small that it could have fitted into a peck measure. One woman turned the machine, while another put in the cotton and picked out the seeds as they failed to go through. Near the gin sat two women who were snapping the lint with bowstrings to separate the fibers, and further over there were a half dozen others, sitting cross-legged, and spinning the lint into

> I went to the mud huts at the back and boys and men, who sat before rude looms terday, devoted to selling the native pro- thrown back and forth by hand. The latter moved through the cloth with a whist-The chief cotton market of this region ling noise, and this was about the enly consists of many little sheds covered with sound to be heard. The cloth turned out mats facing a dirt road. It is situated not is very good. It is well woven, soft and

population is not more than 70,000. It is a of one story and they are made of sun- convicted and more than fifty received city of mud huts. There are not a dozen dried brick, but they are cool and well sentences in the penitentiary of from one him. They gave him a company of 100 two-story houses in it, and the place still lighted. The patients are black men and to seven years each. When I first rode through it I asked my hundred in the various wards, and the guide whether the holes in the walls had doctors told me that during the last year not been made by cannon balls at the time they had given treatment to 12,000 sick who of the battle. He replied, "Why, man, had been brought to the doors of the hosthose are the windows. The houses have pital, and in addition to the 800 or 900 no other windows than those." The huts

are all flat roofed, with drain pipes extend-

ing out into the streets, so that the water

pours down the necks of the passersby

when it rains. The stores are mere square rooms, facing the streets-they rent for a dollar or so a month-and everything is simple and exceedingly cheap. The government is improving things gradually. It is making a new plan for the city and has already laid out many wide streets. It has taken the sixty acres which the khalifa had for his special headquarters and will build dwellings of the first class upon it. This tract is still surrounded by a great wall, twelve or fifteen

feet high and four or five feet in thickness. It once contained an open-air mosque and every Friday afternoon.

Native Hospitals.

(Copyright, 1907, by Frank G. Carpenter.) \$300 per acre, and it will then rent for ples are displayed in flat, round baskets, lived here it contained 600,000 or 800,- off of the leg of a patient who had just long time before it can be entirely eradiARTUM—(Special Correspond enough to pay a good interest on that each of which holds perhaps a bushel; and 600 people; and it still covers about come in, but I declined. The hospitals cated. Sixty-seven slave dealers are displayed in flat, round baskets, lived here it contained 600,000 or 800,- off of the leg of a patient who had just long time before it can be entirely eradiforeign minister, and demanded that the ence of The Bee.)—The sum. Thirty thousand acres at \$500 per when course for the leg of a patient who had just long time before it can be entirely eradiforeign minister, and demanded that the looks somewhat like a large native camp. women of many tribes. There were several patients who were kept in the hospital have cleaned up the city, and it now looks of the continent.

Slavery in the Sudan, The British are doing what they can to break up slavery in the Sudan. This region was once one of the chief slave markets of the continent. Slaves were brought by also the chief buildings of the khalifa. In the thousands from central Africa to another part of the town there will be Khartum and Omdurman, and they found second-class dwellings; and in a third their way thence down to Egypt. During looked in at the weavers. They were black dwellings of the third-class. The civil engineers have already laid out a park in tions in different parts of the country, and on the edge of holes in the ground. The the center of the city, and the vegetation they became centers of the slave trade, Speaking of the cotton of the Sudan, I looms were so made that they could be in it is watered by women who bring the and when the navigation of the White Nile visited an odd street in Omdurman yes- worked with the feet, the shuttles being supply from the Nile in great jars on their was declared free it was made a slave Assiout, and that the men hid their tried there. The government of Egypt heads. In this park the band will play route. Later on the Arabs raided the slaves in caves during the day and sold did not dare to whitewash the transacnatives of central Africa and sent up their them at night. He begged me to go with tion, and it was forced to dismiss the slaves to Khartum. The trade was some- him to the governor and demand that governor and punish the slave dealers what checked while Gordon ruled, but it they be punished. I did go, but was not Roth was afterward appointed an agent Omdurman has now hospitals, which have broke out again under the mahdi, and able to do anything. far from the center of the city of Omdur- brings good prices. Its wearing qualities been recently established by the Sudan when the British took hold Omdurman was "After this," continued Dr. Alexander, the slave trade. He came to the Sudan In the Red Sea provinces there are several thousand acres are better than those of the Manchester government. I was taken through them by one of the chief slave markets, and slaves "Roth despaired somewhat, but said he and carried on his work there in connections, and I am told man, and there are several thousand acres are better than those of the Manchester government. I was taken through them by one of the chief slave markets, and slaves "Roth despaired somewhat, but said he and carried on his work there in connections." of mud huts reaching out on all sides of and American cottons. I asked what wages the governor, and the English and Egyp- were brought in in droves from all parts intended to go to Cairo and get the Engof the country. Since then the buying and portunity to see their work. I was even selling of slaves has been stopped, as far did so and convinced the consul general 'Fire and Sword in the Sudan' He died in in bags of matting and is sold just as it. The British government is rapidly im- offered the chance to be present at several as possible, but it is still carried on in that his story was true. The two wont while fighting the slave trade there." is when picked from the plants. The sam- proving Omdurman. When the mahdi surgical operations, including the cutting many of the provinces, and it will be a together to Riaz Pasha, who was then

What a Swiss Boy Did.

rapidly growing, and will probably be the in the Sudan. He had no money, but he them from under the American flag. commercial capital of the Sudan. It will worked his way to Alexandria, and thence "Shortly after this there came a meskeep its African character, but will be up the Nile to Assiout, landing here sage from the governor of the province modified by the new Africa, and, as such, without a cent. He applied for work at ordering that the slaves be given up. The will be one of the most interesting cities the mission schools, telling us his plans, messengers were backed by soldiers, but and we finally arranged that he could nevertheless I refused, saying it was imteach French. While doing so he studied possible on account of the absence of Arabic, and went out through the coun- Dr. Hoge, the superintendent of the mistry to learn all he could as to slavery, sion. The next day Dr. Hoge arrived, He spent his vacations living with the and the governor sent for him. He people, traveling about and visiting the abused him for not giving up the slaves, villages. It was then contrary to the whereupon Dr. Hoge charged him with law to sell slaves in Egypt, but Roth wanted to evade the law, and told him learned that the trade was going on, and that if Assiout had any respect for the that caravans were bringing slaves from law or had a governor who was anythe Sudan down here, and that they were thing of a man, the caravan would have then sent to Tunis and Tripoli and thence been already arrested and the owners to Constantinople. One dar he came punished.' He then demanded that this into the mission and said nat a big be done, and as a result the slave dealslave caravan was encamped outside ers and slaves were taken to Cairo to be

the Egyptian government had to respect out and capture the caravan. It was While I was at Assiout, about \$60 probably their intention to notify the miles south of Cairo, Dr. Alexander, the slave dealers in time so they could get president of the training college there, away, but Roth stopped his special train told me how a poor Swiss boy broke up outside the town, divided his company the slave trade of upper Egypt. Said he; into two bands, surrounded the caravan "This incident occurred just before the and took the traders and sixty-seven itself. The British are greatly improving British occupation of some years ago, slaves, whom they had with them. He the sanitary conditions of the natives. They The boy, whose name was Roth, got the brought the slaves to the mission school idea that it was his mission to aid in and said he wanted me to hold them, as remarkably well for a native town. It is abolishing slavery, and that his field lay the Egyptians would not dare to take

of the Egypaian government to keep down

Reconstruction of Imperial Rome a Colossal Undertaking

a modest but learned archaecotta the principal buildings of imperial Sometimes a single broken column has

thorough knowledge of Roman history is at the present day.

a modest but learned archae- In modes of the various of the various of the modes of raphy of ancient Rome a life often gided after the style of their ori- erations had reduced it to ruins. study, has, after seventeen ginals. The different kinds of marbles, the months of patient and careful color of bronze, the statues, tiles and trees The imperial box, painted and with work, succeeded in reconstructing in terra are all faithfully reproduced.

Rome. His models, complete in every de- served to reconstruct a whole portico, the awning are on the roof. tail, are now exhibited in a hall near the representation of a temple on an old coin has been copied in the present reconstruc-To attempt an adequate even though tion, and when such materials were lacking brief description of Prof. Marcelliani's work old prints, descriptions by classic authors would fill volumes. Nothing short of a and the researches of learned men in past treatise on ancient topography would give generations have been utilized and made a correct idea of this vast undertaking, to serve for the reproduction of temples, which is meant more for students of arch- palaces, basilicas and fora, of which not acology than for ordinary sightseers. A one single some standing on another exists

work and to realize how faithfully the re- seum is the most prominent building in construction of the monuments it contains Prof. Marcelliani's model of imperal has been done. Still even to the uniniti- Rome. It stands isolated, wonderful and ated the reconstructed city of the Caesars immense. a striking monument, rightly

Stone cippi surround the huge building. nineteen arches, and the poles for the of stone pllasters.

sun in gilt bronze, the work of Zonodorus, brick building surrounded by streets on with the seven rays around its head, may every side, its most prominent feature besus is the Temple of Venus and Rome, may be compared to that of medieval Veneris et Romae, and immediately be-double-storied cloister, necessarily very indispensable in order to appreciate the and Amphitheatrum Flavium or Coll- supported by eight fluted columns of pro- of taking bodily exercise. connesian marble and its entrances on the

umns of porphyry. On the opposite side of the Clivus Sacer

The models of the various imperial build- of Egypt, intact and complete as it stood for jewelers and goldsmiths, supported by the Palatine. gotiatores exhibited their precious merchandise in booths and in shops made by present ruinous state, although only in

> Further along on the same line follows The colossal statue of Nero or of the the House of the Vestals, an oblong

> > The atrium was surrounded by

compared in magnitude with the pyramids is the Porticus Margaritaria, an arcade unhealthful position against the cliff of

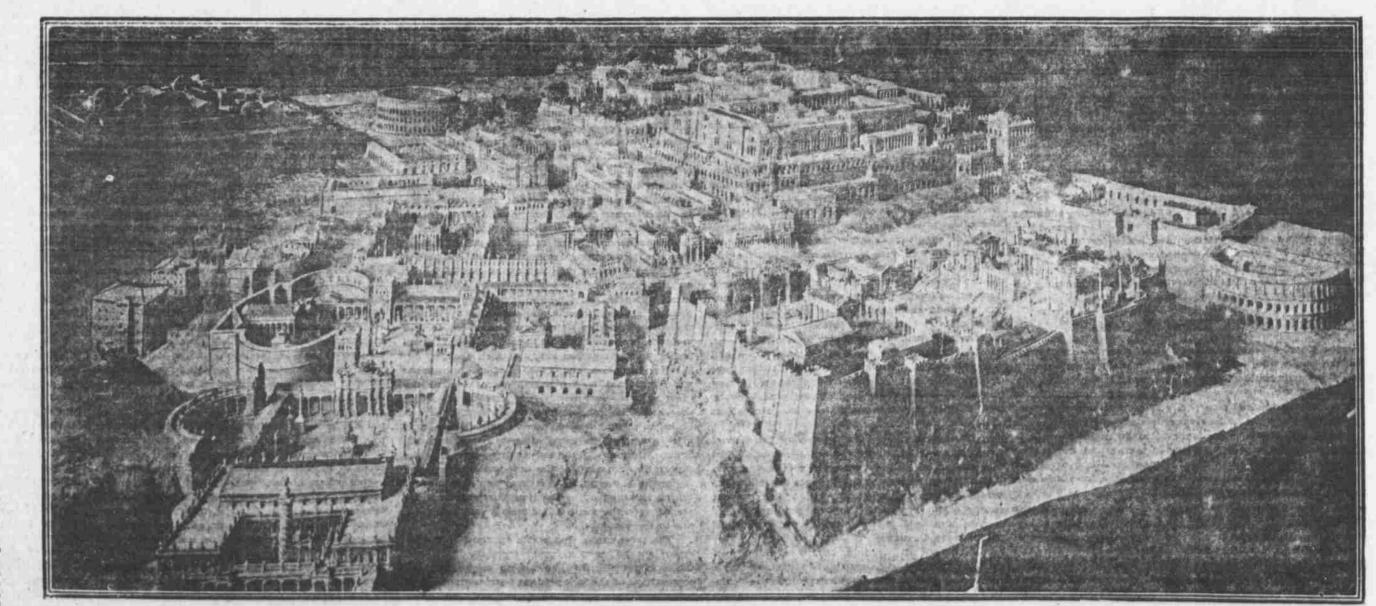
Here towers the Domus Gaiana House of Caligula to the height of 150 feet, whose facade is represented in its gilded stucco reliefs, is seen between the means of brick walls raised between pairs its substructures built by Galigula to the Circus Maximus, which unfortunately nineteen arches and the poles for the of stone plasters. with its state apartments and halls and porticoes, is all gone.

Here may be seen also the Domus Agustiana or House of Augustus, the very seat of the empire. It is divided be seen near the Coliseum, with the Meta ing the atrium from which the whole into three sections, the first, from the the promotor of vegetable life; the pal-Sudans on the left. Back of the Colos- building is often named. Its architecture side of the Vella, occupied by the ace of Septimius Severus; the Septimepropylaia, the temple of Apollo, the nium, consisting of seven rows of colportico of the Dianaids with its fifty hind it the Basilica of Constantine, with airy and spacious to give the inmates, who marble statues of the Dianalds and rn beaven, and many other temples and its nave and two alses, its vaulted celling were seldom allowed to go out, the chance equal number of equestrian figures of palaces innumerable, with columns, porthe sons of Egistus, and the Greek and ticoes, statues and gilt bronze decorastate Latin libraries. The middle section was Via Sacra, decorated with four large col- apartments on the ground floor, while the occupied by the shrine of Vesta, and private rooms of the vestals were on the the last on the side of the Circus, by the Forum, where the destinies of the ancient upper floor. The house was built in an imperial house itself, a set of magnificent

of Greek, Tuscan and Roman art. Separating the House of Augustus from the baths of Septimius Severum is the

stadium of Domitian, oblong shaped, with a curved end, 160 yards long and 47 wide; nompanying illustrations; the gardens of Adonis, laid in oriental style, with large pots of sliver, in which were sown the special plants sacred to the god who represented the sun and was regarded as umns symbolizing the seven bands of tions.

Underneath the Palatine is seen the (Continued on Page



VIEW OF THE RECONSTRUCTION OF ROME, TAKEN FROM SEHIND THE CAPITOL