Big Money in China --Rich Coal Fields borders of Thibet.

(Conyright, 1900, by Frank G. Carpenter.) there is a bed five feet three inches thick sources of China will form an important been sold for \$4,500 to the Germans. corrupt officials is a work of years and the \$100,000. doubtedly take advantage of the situation which jut out on each side of the wheel.

have to be secured by concessions. There that are much better than this, some of is no doubt but China has enough minerals which the Chinese have been working for to pay its war debt a thousand times over, ages. In the mountains just back of Kino It has long been considered the richest coal Chau there are thousands of Chinese mincountry in the world and the railroad sur- ing coal. They work twelve hours a day veyors have discovered coal and iron almost for from 6 to 10 cents. The mining is everywhere. The Germans have found dia- primitive. The coal is dug out with picks monds in Shan Tung and mines of gold and and carried from the mine in rawh de silver are being operated in several places sacks on the backs of men. It is then put at a profit. Still, no one knows what into baskets on wheelbarrows, from two to China contains and the powers should un- four baskets being fastened on the shelves

and demand a careful geological survey of It is in such barrows, pulled and pushed Such a survey would be in- by men, that the ecal is taken to the mar-



EYERY CONCESSION MUST INCLUDE A SCHOOL FOR YOUNG CHINESE MINING

valuable to the scientific and industrial ket. Some of the wheelbarrows have sails

twenty-five years will come from the de- \$6 to bring a ton from the mines to Kiao velopment of China's mines. The country Chau, a distance of seventy miles. Coal is a very cave of Aladdin, which needs only worth \$2.25 a ton at the mines sells for \$7 the genii of modern progress to display it a ton a few miles away. which are unobtainable elsewhere, and I will have an outlet to the sea. have much from the mouths of Chinese officials and travelers.

Some of the best geological work ever done out here was by Raphael Pumpelly, a Harvard professor, who was employed by the Chinese government as a mining engineer. He spent five years in making a tour around the world, and much of this time was devoted to China. More recent investigations are those of Baron Richtofen, and, lastly, of the engineers and surveyors of the railroad syndicates which have concessions from the government.

China's Immense Cont Fields.

als, coal and iron. China has one of the at Hankow. The mines of Yunnan are not intact until the engineer ordered best labor populations of the globe and in this age of steel, with coal, iron and modern machinery, it will be a factor in the world's manufactures. Pumpelly says it has the greatest coal fields on earth. There is coal and iron in every province and several of the provinces are as rich as Pennsylvania in these minerals. Not far west of Pekin there is a great coal bed which extends along the frontiers of Chih Li, through the province of Shan Si, and thence down through Honan and Hupeh into another vast ceal and iron district in Hunan on the south side of the Yangtse. There are important coal fields in eight of the provinces below the Yangtse Kiang, and especially in the province of Yunnan.

Yunnan is about the size of California. It is almost as big as the combined areas of Michigan and Wisconsin. It lies right on the border of Burmah and will be reached by the railread which is projected from Burmah to China. The Yangtse river forms a part of its northern boundary and through it the coal can have access to many thousand miles of waterways. reaching hundreds of millions of people.

Yunnan has a population of more than 11,000,000, and with its coal, iron, copper and other minerals will probably be a great industrial and manufacturing center. The state has already a trade of \$2,500,000

a year, a part of which is coal. The mines have been worked for ages. The prevince is mountainous and the coal. both bituminous and anthracite, lies on the edges of a great plateau in the center of Yunnan, at an elevation of a mile above the sea. Other beds are near the Yangtse and Siang rivers. They are said to be easily worked.

Cont in German China.

Shan Tung, which is claimed by the Germans, has rich coal fields. The mines begin within forty or fifty miles of Kino Chaubay and extend through the mountainous regions back of it. Our consul at Chefoo recently received a report made upon some of them by a foreign engineer. He reports a vein of coal four feet thick in Shintai county, which he says is for sale. It is close to another mine which is now being operated at a profit. Near this same mine

SHANGHAI, Oct. 3, 1900.-(Special Corre- which could be worked on the shares and

most of the money demanded will probably There are other regions in Shan Tung

Only little can be carried on a barrow, and Some of the biggest fortunes of the next the freight rates are so heavy that it costs

to markind. Let me give you a faint idea The Germans are now building a railroad of its possibilities. I have gathered in- to these mines. The readbed is almost formation about it from all available completed and the cars are on the waysources. I find much in the library of the As soon as the conditions become settled Shanghai club, which has papers on China It will be put into operation and this coar

Rich Mines Along the Yangtse.

The Yangtse Kiang is one of the most theory. wonderful rivers of the world. It is over 3,000 miles long and it almost bisects China. demon. Let's get out the coal." The biggest ocean steamers can sail up it Chinese still protested, but, as he insisted, into China as far as New York is distant they put in a blast and fired it. When the from Chicago, and with its tributaries it wall of coal fell a great stream rushed in, furnishes more than 12,000 miles of navi-flooding the mine and shutting up access to gable waterways. There are vast coal demany chambers. Since then the water in posits, which could easily be made accessi- that mine has not been controlled, although ble to the Yangtse Kiang. This is so of the costliest of pumps have been purchased. the Shan Si coal beds, which I describe fur- The block of coal was in reality a great ther on. They are the greatest in China, pipe in which a subterraneau river flowed and a short railway will bring them to the through the mine. The coal had been cut First take the two great industrial met- Han river, which flows into the Yangtse out about it, but the pipe had been left

THE ILLUSTRATED BEE.

am told they are to be found near Nan- upon it as holding a demon. kin, Hankow and from Chin Kiang to the

Sichuen, on the Yangtse, about 2,000 miles look at the province lying west of Chih Li, back from the sea. She says the seam was bordered on the north by Mongolla and on four feet thick and was of a hard bitum; the west by the winding Heangho, you will spondence of The Bee.) -The mineral re- three miles away another which has just nous nature. It was reached by a tunnel six see the Pennsylvania of the Chinese em- ROSEWATER, MERCER AND MEIKLEJOHN One feet leng, in which was a wooden tramway, pire. It is the province of Shan St, which is consideration in the payment of the war in- of the mines of this region is aircady turn. and the coal was carried out in baskets on said to contain the greatest and richest coal demnity. The Chinese will not stand an in- ing out Loco tous of coal every day and wheels. The mine was worked day and erea of the globe. It is just about as big as These Three North Platte Men Are crease of taxation, the reformation of the another has produced coal to the amount of night in shifts of twelve hours, the miners lilinets, and it has four times as many being paid 14 cents a day, with an allow-people. It is of much the same shape as ance of three meals of rice. The coal costs Illinois, and like Illinois has a great river about 40 cents a ten in laber and a short running about its western and southern distance away from the mines it was selling sides. It contains iron and limestone in for \$1.75 a ton.

are coal mines in the side of a cliff, which steel-making section of the world. have been opened by galleries hung from. This province has been recently visited miners bring the coal out upon the galleries university of Tien Tsin. He speaks of the and thence slide it down in baskets into anthracite area as greater than that of the heats on the Yangtse.

water. The Chinese have no good pumps are beyond description wenderful. and as soon as the water comes into the put down more than 200 feet.

They were allowed to lie there and rust until thieves had stolen many of the parts. Then an engineer was brought from Shang-

Yangtse, got all their coal from Kukiang the Chinese thought the devil had gotten through. into the mine and it is shut to this day.

How Water Demon Flooded a Mine.

Tsin-Shanhaikwan railway. These mines slightly impregnated with sulphur. are the greatest in China. They employ working.

Chinese under foreign supervision. Not ore. long ago a new mining engineer from London was brought to take charge of them. He went through the mines and was surprised to find a large block of the best coal in the center of one of them. He asked why it had not been taken out, and was told that it was the home of a water demon. Upon inquiry he found that the former engineer had left it partly to please claims a capital of \$39,000,000. the Chinese directors and partly because he thought there might be something in the

The new man said: "Hang the water

CHINESE MAKE MAGNIFICENT MONUMENTS

far from the upper Yangtse, and there are dynamited. The Chinese must have THE SENATORS ARE NEXT coal beds all along the Yangtse valley. I suspected the river. At least they looked THE SENATORS ARE NEXT

As Good as Pennsylvania.

vast quantities, and in the future it will In the upper Yangtse, near Suchau, there probably be the greatest manufacturing and

the top with ropes of plaited bamboo. The by Noah Brake of the Imperial Chinese Pennsylvania and estimates that it con-There are thousands of abandoned mines tains more than 600,000,000 tons of coal. both along the Yangtse and in other parts There is quite as much bituminous as of China. One of the greatest troubles is anthracite, and the deposits of both kinds party has won, is shaking hands with him-

Shan Si is a mountainous country with a mines they leave them. Shafts are seldom great table land in its center rising more than a mile above the sea. This table land republican, the legislature is republican and In Shan Tung the experiment of trying is made of sandstone, shale and conglomermedera pumps was attempted. The pumps are of as many different colors as the cliffs will be a republican, because the legisposit, a bed of clay or dirt from 500 to Platte will insist upon one apiece. Thompthe water. There is a great deal of coal The old American firm of Russell & Co., about the edges of the plateau and in the when they owned the steamers on the mountains. It lies at an elevation of the Bankers Reserve Life Association will about 2,500 feet in horizontal beds, and is continue to write the best policy in the There was an explosion from fire damp and to be seen wherever the rivers have cut world upon the latest plan, containing the

The anthracite seams are unbroken over an area of more than 13,000 square at home to build up great financial institumiles. They are of a thickness from Another instance of Chinese superstition twenty-five to fifty feet, and of an average occurred in one of the Kaiping mines, of forty feet. The anthracite gives from which lies near Teng Shan, on the Tien 8 to 10 per cent of ash, and it is but

The bituminous coal fields of Shan Si have about 10,000 men and have an output of an area of 12,000 square miles, or as great 1,500 tons of coal a day. I have visited as that of Massachusetts and Connecticut. them and can say that they are up to date. They lie in the western part of the provin their machinery and modern methods of ince not far from the Yellow river, and are spotted here and there with deposits The mines at Kalping are operated by of petroleum or limestone and rich from

A Concession Worth Millions.

A part of this rich territory has been gobbled up by some big capitalists, under the name of the Pekin syndicate. These men have a grant from the emperor and have farmed out the development of their mines to the Anglo-Italian syndicate, which

The concessions of the Pekin syndicate include the rights to all the petroleum of Shan Si and to a large part of its coal and iron. Prof. Noah Drake says they have one bed of coal which contains more than three million tons of fine anthracite. The led is twenty-two feet thick on the average. They have other deposits which are even more valuable.

Their concessions lie in central and outhern Shan Si and extend over into Honan and the mountainous regions below the Yellow river, comprising a territory greater than the whole of New England and forming perhaps the richest con concession ever made.

I find a general belief here that China is rich in the precious metals, and the geological surveys so far made point to the same conclusion The Germans say that there is plenty of gold in Shan Tung and that the Chinese there are washing it out of the pa streams. Gold is now being mined in Mon- matchless table beer. golia and in different parts of Manchuria. The Moho Mining company is working placer deposits not far from Mukden; it has already experted something like \$1,000,-000 worth of coarse gold. There is gold in Yunnan, in southwestern China. There are placer deposits along the Han river and also along the western highlands on the borders of Thibet.

Pumpelly found silver in sixty-three different localities and lead in twenty-four. In Yunnan the silver is mixed with lead. The prevince has also tin, zinc and iron. Lead is also round in Fukien, opposite the Island of Formesa, and in Kwantung, not a great distance from Canton

Fortunes in Copper.

The big dividends now being paid on copper mines in the United States may at some time be paralleled in China. copper ere is rich and it Is said to exist in every province. It is being mined in Shen Si, where the emperor has fled, and also in Kweichau, below the Yangtse. Yunnan has a white copper which is mixed with tin, iron, nickel and lead, and it has copper mixed with silver, tin and lead. The Yunnan copper mines are now worked by native companies, who have been paying about I cent a pound royalty to the government and four times that amount to the owners of the mines.

I know several Americans who are studying the stones of China with regard to the American market. I met a gravestone man from Seattle at Hong Kong two weeks ago. He had been traveling through the province of Kwantung looking up granites and marbles. He told me he expected to establish a business in Canton for the making and exporting of tombstones and fine building stones to the United States. He says the granites and marbles of China are

Mrs. Bishop visited a coal mine in If you will take your map of China and We Scarcely Finish One Political Fight Until We Enter Another.

Already Named as Possibilities and the Woods Are Not Yet Brushed.

When a campaign for the presidency ends the people generally rest for a while, but the politicians become more active than ever. The leaves and tishes the offices and employments attract them and the eagerness of selfish ambition is whetted to a wire edge. Hence, while

The Average Voter

is quietly musing over results, and, if his self, the active politician is chasing rainbows and seeking rewards for his services. The president is republican, the state is

The Next Senntor

were ordered from England and were of the Colorado canyon. The top of the lature is of that political faith. Who are brought into the coal regions at great cost, plateau is covered with a rich loess de- the lucky two? South Platte and North 1,000 feet deep, which is gulleyed with son, Henshaw and Lindsay are talked of for water courses. Under the dirt there are the south and Rosewater, Mercer and hat to put them up, but was unable to vast deposits of coal and iron, exposed by Metklejohn from the north, with back counties to hear from. However,

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