

Kaolin Soon be Great Industry.

Kaolin—a derivation of the Chinese word Kao-ling meaning a high ridge.

How many people in Augusta know what kaolin is composed of, where the bulk of it comes from, or what it is?

And further, how many Augusta folks know that the Kaolin mines of Aiken and Richmond counties are the greatest in the world?

Yes, it is a fact that what promises to become one of the truly big industries of the world is right at Augusta's door.

Some interesting facts about kaolin were divulged by John D. Twiggs at the weekly Rotary meeting Tuesday. Here are some of them—

There is enough kaolin in Aiken and Richmond counties to supply the entire world a hundred years.

The finest grade of kaolin in the world is found in Aiken and Richmond counties.

The kaolin in these counties contain from 38 to 44 per cent of aluminum.

Fortunes have been made in the mining of kaolin.

Seventy per cent of the kaolin mined in Aiken and Richmond counties is used in making paper.

The other 30 per cent is used in pottery, paint, drugs, automobile tires, shoe polish, cosmetics, etc.

The revelations of Mr. Twiggs in his talk Tuesday were positively amazing, not a member of the Rotary Club, much less the public at large, being informed as to the quantity and value of kaolin in this section.

Plan to Extract the Aluminum From Kaolin.

Experiments are now being made whereby the aluminum in kaolin may be extracted, and this accomplishment alone will no doubt revolutionize the industry.

Mr. Twiggs pointed out that the kaolin in this section is pure white when mined. It is shipped away in some instances in bulk and in sacks while in some cases the local mines pulverize the kaolin before shipment is made.

Kaolin, which is nothing more than a white clay substance, can be pulverized finer than wheat flour. By this process about 25 per cent of the clay is lost in the form of a mist substance passing into the air.

About 500,000 tons of kaolin are consumed in the United States each year, Mr. Twiggs told the Rotarians. About 50 per cent of this is mined in the United States, the bulk of it coming from mines in Georgia and the Carolinas.

There are several mines south of Columbia and others around Macon. In Aiken and Richmond counties there are six mines. The kaolin as shipped from this section is of the crude variety, while that in middle Georgia is of the wash type, which means that it must be washed to remove the grit that is imbedded in it.

North Carolina Pottery is Worth Millions.

In North Carolina the kaolin is used entirely for pottery. From this is made the rough types of earthenware as well as the finest grades of china. The value of china products for 1918 was \$65,000,000, about four times that of 1908.

The bulk of the kaolin that is shipped into this country comes from England, according to Mr. Twiggs, and is found in Japan, China, France and Germany. On this country kaolin is found in Pennsylvania, Florida, Georgia and the two Carolinas.

Mr. Twiggs told of a pottery establishment on the edge of Aiken and Edgefield counties by his great grandfather prior to the civil war. He said this pottery was made to pay at one time, but the business was bankrupted by the war between the states.

After the war the mines were bought up by a Mr. McNamee, who operated them with great success, and left an estate valued at several millions of dollars when he died.

When the Twiggs' of the '50's operated the pottery across the river there was no local market for the chinaware the mines turned out. The product, though was sold to eastern houses and then reshipped to Augusta and this section and sold in the same form as when it left the factory.

Kaolin Beds Around Here of Great Depth.

The kaolin beds in this vicinity are to be found in solid layers of great depth, Mr. Twiggs pointed out. They were probably washed down into the valley millions of years ago, and in this movement the clay caught up many impurities. For this reason it has to be mined by hand and selected in order to get absolutely pure kaolin. One big tire concern is now mining kaolin in South Carolina for its own use.

Mr. Twiggs also went into the matter of making high grade brick from kaolin. He told of a test that he and others associated with him had made. A burnt brick that sells at \$1 each

was placed in an electric oven alongside one of the kaolin bricks. After a period of seven hours the burnt brick broke down under the heat pressure of 3,000 degrees, while the kaolin brick maintained its shape and was intact. The kaolin brick was then put under 4,000 degrees of heat pressure for three hours and was even then unchanged.

Also Used for Making Fine Plate Glass.

In addition to the many uses of kaolin, Mr. Twiggs pointed out that high grade plate glass is also made of this clay, and that glass linings used in places where heat is severe are also made of kaolin.

After his talk Mr. Twiggs passed out among the Rotarians for inspection a small brick of kaolin in the form of which it was taken from the mine. The kaolin was pure white. He also exhibited a half-filled jar of pulverized kaolin for the Rotarians to examine. They not only looked it over, but tasted it, and all pronounced it "good."—Augusta Herald.

Women Students vs. Men.

Women's and men's colleges have not up to now attempted to compete with each other in athletic rivalry, owing to the fact that women are considered a weaker sex physically.

The time may come when the girls who are fast growing in physical ability may be able to cope with the boys in both baseball and football. Already girl swimmers are showing remarkable power.

When it comes to the field of mental ability, women students are fully able to compete with men. Back when women's colleges were first started, people scoffed at the idea that the girls could do equally severe mental work. But they long since found out that the girls were just as good scholars if not better.

An instance of women's tendency to assert themselves in competition with men in all activities is seen in the joint debate soon to be held between a team of girls from Smith college and a team of boys from Dartmouth. The time has come when the girls can't be kept down. They have confidence in their mental powers and want to test them out in competition with men.

The students of men's colleges have had some tendency to look down on girls' colleges, regarding them as a little inferior. But such claims are like to be attacked. The girls will not be content to be considered on a lower intellectual par. If the boys claim any mental superiority, they will have to accept such challenges or see their assertions discounted.

It will be interesting to see which will come out ahead when such debates become more common. Women have sometimes been considered inferior in logic. But they are hard workers and very practical, and would marshal many instances out of actual life to prove their points in such a competition. The boys will have to quit so much football and pretty girl talk and get down to business if they are going to win such debates.—Augusta Herald.

Beautiful Pictures at Small Cost.

What a glorious thing it would be if it could be said with simple truth that every farm home in the South, no matter how simple, had at least one picture by one of the world's great artists! I don't mean of course that we should buy a picture just because it is by a great artist, regardless of whether or not it appeals to us as beautiful.

But there are so many wonderful pictures by world-famous artists from which we can make a selection, buying only those of which we know that each individual picture will be indeed "a thing of beauty and a joy forever" in the home.

If you will send 5 cents to the Elson Art Publication Co., Belmont, Mass., or 10 cents to the Perry Pictures Co., Malden, Mass., you will get a catalog containing hundreds of miniature reproductions of famous pictures. With such a catalog, you can then take your time to decide which of these pictures in larger size you would most delight to have; and you will find that you can get these really beautiful and artistic pictures for less than the tawdry, botchy, spotty daubs of color which traveling agents and furniture store have so often palmed off on the unsuspecting.—Progressive Farmer.

Eyes scientifically examined and glasses properly fitted.

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Says 5 Million Children Are Starving.

Washington, Nov. 2.—Five million children are starving in the Volga basin in Russia and one-half to two-thirds of the entire population of fifteen million will die before the next harvest, unless far greater relief than the charitable organizations are now able to afford is extended.

Five million more children and ten million additional adults in the provinces surrounding the Volga district also are in dire straits although not actually facing starvation as yet.

Asks for Aid.

These startling official statements on conditions in famine-stricken Russia were made by Secretary Hoover, as chairman of the American Relief Administration to the House Military Affairs Committee today. Secretary Hoover urged that legislation be enacted to turn over to the relief administration surplus army medicines, surgical and hospital supplies and used blankets, originally valued at four million dollars.

The committee in executive session, instructed Chairman Kahn to introduce a joint resolution granting the desired authority to the war department. The resolution was offered and will be formally reported out by the committee tomorrow, Chairman Kahn stated.

"The advocates of this relief legislation presented the most pathetic picture the committee has ever listened to," said Mr. Kahn.

Disease is Demon.

Disease, sweeping over the stricken land, is finding a ready harvest among the millions weakened by the lack of food and is taking an enormous toll of life, the committee was told. Medicines and hospital supplies are entirely exhausted in most communities.

Fifty per cent of the children in some sections were declared to be suffering from malaria and quinine is not to be had. Typhus, typhoid fever, cholera and smallpox are racing and inevitably will spread to other countries unless means to check the epidemics are provided, Secretary Hoover warned. He said:

Danger to America.

"The greatest danger to America is in the spread of Asiatic cholera and other dread diseases."

Secretary Hoover said conditions in Russian Armenia are virtually as bad as in the Volga basin, aid will be extended in that territory as rapidly as possible, he explained.

Vernon Kellogg, one of Mr. Hoover's chief aides in relief work since 1919, who just returned from Russia told the committee the conditions in the stricken district were far worse than he had ever seen in his six years experience among destitute peoples.

Cotton Prices Will be Higher.

Boston, Nov. 3.—As a result of the present condition of the cotton crop, seriously diminished by the depredations of the boll weevil, buyer and consumer must not be surprised if cotton prices are higher, Russell L. B. Lowe of Fitchburg, president of the National Association of Cotton Manufacturers, told the semi-annual convention of that body here tonight.

Speaking at a banquet that marked the conclusion of a two day session, Lowe asserted that the weevil had destroyed more than \$200,000 worth of the crop and that the question of the raw cotton supply had become serious.

"Looking into the future," he said, "the general opinion is that the cotton industry is headed for prosperity with a shortage of production when demand becomes normal.

"The whole textile industry faces too much uncertainty in regard to the purchase of cotton. The price fluctuates to such an extent that the manufacturer can not plan his work nor can the garment manufacturer be certain of any price on which to base his product. There are few industries, if any, in which such a speculative feature is present."

Shipping board efforts to procure for American ships "the carrying of a proper share of our imports of Egyptian cotton" were approved in a resolution adopted.

"The possession by the United States of a merchant shipping of its own, rightly proportioned to the strength of other American industries, is essential to the security of our commerce and vital to the national defense," the resolution added.

American diplomatic representatives abroad were called upon in other resolutions to be watchful "that there be no improper discrimination against the products of the United States by any country."

The convention also announced in resolution that in view of the present depressed condition of American industry, abnormally low cost of production abroad and the foreign exchange situation, it entertains the "solemn conviction that it is imperative that there be no further delay in the enactment of an adequate protective tariff bill."



Prince Albert's a new note in the joys of rolling 'em!

Talking about rolling your own cigarettes, we'll tell you right here that Prince Albert tobacco has 'em all lashed to the mast!

You've got a handful of happiness coming your direction when you pal it with P. A. and the makin's papers! For Prince Albert is not only delightful to your taste and pleasing in its refreshing aroma, but our exclusive patented process frees it from bite and parch!

And, for a fact, rolling up Prince Albert is mighty easy! P. A. is crimp cut and stays put and you whisk it into shape before you can count three! And, the next instant you're puffing away to beat the band!

Prince Albert is so good that it has led four men to smoke jimmy pipes where one was smoked before! It's the greatest old buddy-smoke that ever found its way into a pipe or cigarette!

Prince Albert is sold in teppy red bags, tidy red tins, handsome pound and half pound tin humidors and in the pound crystal glass humidor with sponge moistener top.



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PRINCE ALBERT the national joy smoke

County Treasurer's Notice.

The County Treasurer's office will be open for the purpose of receiving taxes from the fifteenth day of October, 1921 to the fifteenth day of March, 1922.

All taxes shall be due and payable between the fifteenth day of October, 1921 and December the thirty first, 1921.

That when taxes charged shall not be paid by December the thirty first, 1921 the County Auditor shall proceed to add a penalty of one per cent for January and if taxes are not paid on or before February the first 1922, the County Auditor will proceed to add two per cent, and five per cent additional, from the first of March to the fifteenth of March, after which time all unpaid taxes will be collected by the Sheriff.

The tax levies for 1921 are as follows:

Table listing tax levies for 1921 by millage rate, including State purposes, Ordinary County, Past Indebtedness, Constitutional School tax, Antioch, Bacon School District, Blocker, Blocker-Limestone, Colliers, Flat Rock, Oak Grove, Red Hill, Edgefield, Elmwood No. 8, Elmwood No. 9, Elmwood No. 30, Hibler, Elmwood L. C., Harmony, Johnston, Meriwether (Gregg), Moss, Brunson School, Ropers, Shaw, Sweetwater, Talbert, Trenton, Wards, Wards No. 33, Blocker R. R., Elmwood R., Johnston R. R., Pickens R. R., Wise R. R., and Corporation.

All male citizens between the ages of 21 and 60 years, except those exempt by law, are liable to a poll tax of One Dollar each.

All owners of dogs are required to pay the sum of \$1.25 for each dog of the age of six months or older. This is not included in the property tax but a tag must be purchased from the County Treasurer for each dog between October 15, and December 31, of each year.

The law prescribes that all male citizens between the ages of 18 and 55 years must pay \$4.00 commutation tax. No commutation is included in the property tax. So ask for road tax receipt when you desire to pay road tax. Time for paying road tax will expire February 1, 1922.

J. L. PRINCE, Co. Treas. E. C.

Only One "BROMO QUININE" To get the genuine, call for full name, L.A.Z. TIVE BROMO QUININE. Look for signature of E. W. GROVE. Cures a Cold in One Day. Stops cough and headache, and works off cold. 25c

THE FARMERS BANK OF EDGEFIELD, S. C. Capital and Surplus \$175,000.00 SAFETY AND SERVICE IS WHAT WE OFFER TO THE PUBLIC. Open your account with us for the year 1921. Invest your savings in one of our Interest Bearing Certificates of Deposit. Lock boxes for rent in which to keep your valuable papers, etc. All business matters referred to us pleasantly and carefully handled. We Solicit Your Business.

ARRINGTON BROS. & CO. Wholesale Grocers and Dealers in Corn, Oats, Hay and all Kinds of Feeds. Gloria Flour and Dan Patch Horse Feed Our Leaders. Corner Cumming and Fenwick Streets On Georgia R. R. Tracks Augusta, Ga. YOUR PATRONAGE SOLICITED See our representative, C. E. May.

Barrett & Company (INCORPORATED) COTTON FACTORS Augusta - - - - Georgia