

Sylvan Valley News

Our County—Its Progress and Prosperity the First Duty of a Local Paper.

J. J. MINER, Manager.

BREVARD, TRANSYLVANIA COUNTY, N. C., FRIDAY, SEPTEMBER 14, 1906.

VOL. XI—NO. 32

Transylvania Lodge No. 143,



Knights of Pythias

Regular convention every Tuesday night in Masonic Hall. Visiting Knights are cordially invited to attend.
T. W. WHITMIRE C. C.

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The patronage of the traveling public as well as summer tourists is solicited.
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R-I-P-A-N-S Tablets Doctors find A good prescription For mankind

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If there is anything you want built of wood call and let me estimate its cost—I can save you money.
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We earnestly request all young persons, no matter how limited their means or education, who wish to obtain a thorough business training and good position, to write by first mail for our great half-rate offer. Success, independence and probable fortune are guaranteed. Don't delay. Write today.
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DESTROYER OF ROADS

AUTOMOBILES SAID TO BE CARRYING OFF THE DUST.

Experiments of Government Experts to Ascertain Quantity Blown Away by Motor Cars—Efforts Being Made to Find a Remedy.

The automobile stands accused on official government authority of a high crime and misdemeanor. It is destroying roads. And if it be asked, How so? the answer is: By carrying off the dust. The dust, strange though it may seem, is the life of a road, without which it soon undergoes disintegration. This will be explained later on, however. Meanwhile it will be interesting to describe some experiments which Uncle Sam's road experts are now engaged in making, with a view to ascertaining just how much dust is carried off from a road by an average motor car traveling at various rates of speed.

One method adopted for the purpose is to mount a photographic camera on the front of a motor car, and, following close behind another automobile, to take snapshots of the latter at different speeds. It is quite a picturesque and interesting performance, the exact speeds being determined by means of stop watches held by men stationed along the track, while additional photographers are placed at intervals on the roadside to take pictures of the machines as they fly past. The work in question is being done in the neighborhood of Washington under the direction of the bureau of roads, which utilizes a certain stretch of roadway for a given afternoon, warning all vehicles to keep carefully to the right.

Then something begins to happen. The speed law is abrogated for that afternoon over this particular stretch



DUST RAISED BY AUTOMOBILE TRAVELING THIRTY MILES AN HOUR.

of road. Several motor cars of different types and weights are in readiness. The photographers and the men with stop watches are duly placed at their appointed stations. Whoosh! Off goes a machine at a rapid rate, followed closely by another, in the front of which, with the chauffeur, sits a man who operates a camera. The dust flies upward in a cloud, partly obscuring the automobile in front, but that is what is wanted—to show by photography how much dust is thus thrown up from the roadbed, to be carried off by the breeze, and so, in considerable part, lost.

To say that dust is the life of a road is not putting the fact too strongly. It is the cementing material of the road surface, which, combining with the moisture contributed by rain, holds together the stony particles composing that surface, shedding storm water and preventing the particles from undergoing disintegration. Thus it may be said that dust is to a road what shingles are to a house. If it is taken away the roadbed goes to pieces. The amount of dust thrown up by the automobile is in proportion to the speed at which it goes. But, in order to obtain exact figures on this point, the government experts take a series of photographs of each motor car, traveling over the same stretch of road, at ten miles, twenty miles, thirty miles and so on up to seventy miles an hour.

A stretch of road with a fairly sharp turn is chosen by preference, in order that photographers posted at the bend may, with safety to themselves, snapshot each motor car from directly in front, as it approaches, and also directly from behind, after it has passed by. Now, it is not merely for theoretical purposes that the road bureau is making these experiments. It is trying to find a remedy for the mischief—a practical part of the inquiry which is being carried on simultaneously with the automobile tests above

described. Something must be found, obviously, to keep the dust from being carried off the roads, and the preventive seems to be either tar or oil.

For some months past the experts have been applying tar and crude petroleum to different sections of roads, and they have found that either (though the tar seems to be preferred) accomplishes the purpose admirably. It appears that an application of tar costs less than 2 cents a square yard, including labor, and it will last for a year or so, though just how long cannot be stated exactly as yet. The cost of oil is even less. The tar is transported for the purpose in tank cars and heated in the car by introducing a coil of steam pipe into it and furnishing the requisite heat from an engine on wheels which is run up alongside. In this way the material is made fluid, so as to be easily spread by men with brooms or otherwise over the surface of the roadbed that is to be treated. The tar gives a hard and smooth coating, resembling asphalt. It penetrates to a depth of one or two inches, and in the case of macadam forms a sort of matrix into which the stones of the top layer are set. A tarred street is dustless in the same sense that an asphalt street is dustless.

Children's Work in Ypsilanti.

The certificates of membership to the boys' and girls' auxiliary to the Civic Improvement association, a branch of the American Civic association, have been distributed to the various schools for distribution among the children. 1,100 to the different city schools and 400 to the training school, or 1,500 in all. The certificates are very neat and are made of bond paper and impressed with a gold seal. The boys and girls will have their names on the certificates and will agree to help make the city in which they live more beautiful. So neatly are the certificates got up that they will be framed and kept with the other certificates received from the schools by the children. The work they are to do in this association will be under the instruction and supervision of the grade teachers.

Cash Plan Pays.

The new plan adopted last spring of paying cash for road work is giving satisfaction in Redford township, Mich., says the Motor News. More work has already been done than in all of last year. The township has been redistricted into fifteen districts, to be supervised by pathmasters, each of whom is furnished with a blank order book. For each day's work an order for \$1.50 is issued on the township treasurer.

Adopts the County Road System.

One-half of the taxes in the village of Munising, Mich., is paid by the Cleveland Cliffs Iron company. This company has agreed to expend \$1 for every dollar raised by the village for permanent street improvements, so that, in fact, three-fourths of the cost of street improvements will be paid by the company. Alger county, in which Munising is located, has, following the lead of the Cleveland Cliffs Iron company, adopted the county road system and voted to raise \$100,000 for road improvement in the county.

Bright Prospects.



"But aren't you afraid the baby may be spoiled?"
"Not a bit. You see, its grandparents are all dead."—Philadelphia Press.

Wide Awake Farmers.

During the present season there will be ten different stone macadam roads built near Decatur, Ind., says Motor News. The county auditor's office has been flooded with road petitions since early in January. It seems as though the farmers in this county are determined to do their share, as some of them have affixed their signatures to several different petitions.

Our Barbecue.

Brevard Attractions as seen by a Visitor.

(From the Charleston Evening Post.)

A Charlestonian at Brevard, N. C., sends the following interesting letter of a barbecue which he attended a few days ago:

"The citizens of Brevard and surrounding country were given a rare treat on Saturday, August 25, by the Daughters and Sons of the Confederate Veterans, who gave a most successful barbecue in the thriving little town.

"For miles around the people made ready to attend the big feast, and a special program of speaking and music was announced to precede the serving of the barbecued meats. When the morning arrived you could see the crowd coming in from all directions; some in buggies, some in covered wagons, and some walking. Rain threatened but this did not dampen the interest in the feast, and the attendance was big. It did rain off and on during the day, but this did not bother the people much.

A fine brass band of twenty-five pieces played during the day and joined in the applause of the speakers. Gen. Theodore F. Davidson made a stirring address, and Mrs. E. B. Glenn, of Winthrop College, one of the most eloquent women speakers of the South, wrought her hearers to tears by her oratorical ability. Wild cheering marked the utterances of both orators.

"The celebration was opened with prayer at 11 o'clock in the morning. 'Dixie' was sung in chorus, then speaking, other patriotic choruses; 'Bonnie Blue Flag,' by Mrs. P. G. Elsom, and a big sacred chorus closed the formal program.

"The dinner was then served. Several big beaves, halved and prepared properly, half hogs, sheep, chickens, geese and other meats had been roasting slowly over hot fires all night, basted and done to a turn. Browned, tender and luscious, the meats with their fragrant aromas needed no introduction to the throngs of men, women and children gathered about. Each was provided with a plate and bread and received a big, juicy slice of meat. Nearby lemonade and other soft drinks were served, and to the music by the band the happy crowd ate to repletion. One can hardly eat enough of barbecued meat. It has a particularly crisp, rich flavor. The feast lasted a long time, and laughing, singing, talking, the people of Brevard and their guests mingled together in gay enjoyment.

"Brevard is a favorite summer resort for Charlestonians. It is a very pretty little town, and is rapidly forging ahead. Electric lights, telephones, two hotels, good streets, now being paved, and other improvements bringing the town to the front. The Sylvan Valley News, a weekly paper published by J. J. Miner, is a live clean sheet, to which the editor devotes all his time and energy. A well-kept flower gar-

den surrounding the home of the paper makes it an ornament to Brevard.

"Many Charleston visitors were at the barbecue and had a splendid time. I thought that some of your readers might like to hear how the mountain people enjoy themselves, and entertain their visitors, Mr. Editor, and so I ventured to write this letter."

Union Meeting.

The next Union Meeting of the Transylvania Association will be held with the Enon Baptist church, Sept. 28-30.

FRIDAY.

11 a. m.—Sermon by P. G. Elsom.
1:30 p. m.—The work of our Union as it lies before us. General discussion led by F. M. Jordan.
3:00 p. m.—Does the Bible teach that the chosen of the Lord often sin "and come short of the glory of God?"
Twenty minute speeches. 1. Old Testament teaching, P. G. Elsom.
2. New Testament teaching, Jno. W. Briggs.

SATURDAY.

10:00 a. m.—Religious exercises led by the pastor of Enon church.
10:15 a. m.—Our religious home life. Twenty minutes speeches. 1. The parents, F. M. Jordan. 2. The Bible in the home, Judson Corn. 3. High ideals for the home, P. G. Elsom. 4. Proper reading for the home, Jno. W. Briggs. 5. Proper topics of conversation in the home, J. M. Hamlin.

12:00 m.—Sermon by T. C. Holtz-Claw.
1:30 p. m.—Kind of mission work that should be done in our Association. General discussion led by F. M. Jordan.

3:00 p. m.—How shall we train our church members, and especially the young, to meet the increasing demands and enlargement of our work in our state and nation, and to the utmost parts of the earth? Led by E. Allison.

SUNDAY.

9:30 a. m.—Religious exercises led by Jno. W. Briggs.
10 a. m.—Sunday school mass meeting. Three twenty minutes speeches.

11 a. m.—Sermon by F. M. Jordan.
Every church in the Association should be represented in the Union. A glorious meeting is expected. THE OOMMITTEE.

It arouses energy, develops and stimulates nervous life, arouses the courage of youth. It makes you young again. That's what Hollister's Rocky Mountain Tea will do. 35 cents. Tea or tablets. Z. W. Nichols and Brevard Drug Co.

\$100 Reward, \$100.

The readers of this paper will be pleased to learn that there is at least one dreaded disease that science has been able to cure in all its stages, and that is Catarrh. Hall's Catarrh Cure is the only positive cure now known to the medical fraternity. Catarrh being a constitutional disease, requires a constitutional treatment. Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system, thereby destroying the foundation of the disease, and giving the patient strength by building up the constitution and assisting nature in doing its work. The proprietors have so much faith in its curative powers that they offer One Hundred Dollars for any case that it fails to cure. Send for list of testimonials. Address F. J. CHENEY & Co., Toledo, Ohio. Sold by all druggists, 75c. Take Hall's Family Pills for constipation.