

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 only 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.

MONTGOMERY ITEMS.

Cotton Crop is Short—Board of Education to Erect New School Building—Other News.

From The Montgourian.

J. F. Lyndon of New Hope Academy, Randolph county, has accepted the Abner Mountain school in Little River township and will open the session in a few days. He is a bright young man, and doubtless will strengthen the teaching force of the county.

Rev. T. A. Boone, of the western N. C. conference was visiting relatives and friends in town last week. Thirty-three years ago Mr. Boone established the Methodist church at Troy.

The fact that the cotton crop in Montgomery is extremely short can no longer be denied. We have found no section that claims over three-fourths of a crop, and in many communities there is less than half a crop. The growers of Montgomery would not be getting a big price for their crops were they to get fifteen cents a pound for their entire product.

Miss Ila Martin, of Okeewee, has been elected teacher of the Carmel school in Uwharrie township. She will open the term next Monday, November 12.

The board of education met in extra session Wednesday. An order was made authorizing the erection of a new school house in district 8, white race, Mt. Gilead township, and an appropriation made for repairing the school house in district 3 for the same race and township.

Mrs. C. J. Poole received a message Saturday afternoon conveying the news of a painful accident that happened to her father, Mr. Alfred McNair, of Marcus, Friday afternoon. While working at a shingle mill he let his arm come in contact with a saw, from which he received wounds that necessitated the amputation of the arm.

The Home Paper.

Here are a few thoughts from the Portland Oregonian, one of the ideally excellent papers of this country, that deserve reproduction in whole or in substance—with credit for modesty's sake—in all the "home papers" of the land:

"Your home paper never loses interest in you." To this possibly you have not given a passing thought.

No matter if you like the newspaper man or if he is true to his profession and publishes a paper for the people, he allows no personal matter or petty spite to interfere with news gathering.

He may meet you as a stranger, yet along with his best friends, chronicles your success and sorrows wherever you may be, and those who would otherwise forget you are ever and anon reminded of your existence by an item in your home paper. Others may deceive and defraud you, but your home paper never forgets you.

Possibly you do not deserve decent treatment by the paper, but you get it just the same and if it should at any time say things to cause your fur to turn the wrong way, study a moment and see if it has not at various times said many nice things for which you fail to give it credit.

A Woman Appointed Assistant District Attorney.

Mrs. Mary Grace Quackenboss, a lawyer of this city, was appointed a special assistant United States district attorney today, being the first of her sex to be selected for such a position.

The case Mrs. Quackenboss will especially prosecute is that of the United States against Sigmund S. Schwartz, the proprietor of an employment bureau in this city, who is charged with peonage. It is alleged that Schwartz induced men, all foreigners, to accept positions in the lumber and turpentine camps of the South and that there they were subjected to a condition akin to slavery. Mrs. Quackenboss made a visit to the turpentine camps of the South to better fit herself for the trials of the case, a number of which have been brought since the arrest of Schwartz.

Things to Remember.

To clean rascins and currants, roll in flour and then pick off all the large stalks. If currants are washed, they must be dried before being added to cakes.

A strip of carpet glued to a piece of wood will remove mud from boots quickly and without the slightest injury to leather, and is far better than the usual brush.

Need a good cathartic? A pill is best. Say a pill like DeWitt's Little Early Risers. About the most reliable on the market. Sold by Standard Drug Co. and Asheboro Drug Co.

A Guaranteed Cure for Piles.

Itching, Blind, Bleeding, Protruding Piles. Druggists are authorized to refund money if PAZO OINTMENT fails to cure in fifty days. 50c.

SUBSCRIBING FOR ROADS.

How Farmers in a Missouri County Built Fine Highways.

The methods used in obtaining funds to build "subscription roads" in Boone county, Mo., were described a few days ago by W. B. Cuthbert, an engineer in Columbia who helped and who directed the building of some of the finest highways in that part of Missouri, says the Kansas City Star. "I don't think Americans like the toll idea," Mr. Cuthbert said, "especially when they are paying taxes too. The subscription road is more popular than the toll road. In preparing to build the Columbia-Mexico free highway the promoters started with nothing except confidence. They were laughed at, but they said, 'Let us build one mile and you'll want twenty.' And that was true. The county court subscribed half the amount needed. The property owners adjacent to the first mile put up the remainder.

"That was the start. It attracted others living farther away, and they offered to subscribe for a mile, so that the first contributors were given two miles of highway for the price of one. Others joined in, and the work continued, the cost to each subscriber being what he paid for one mile, and yet he had the use of the whole road. It is to be extended this summer in the same way until it is thirteen miles long, all free highway. The highest subscription outside that from the county court was \$100. The sums ranged from \$5 to \$100. Farmers were allowed to give \$50 in work. One man who owned sixty acres gave \$100 and worked it out. He said the road added 25 per cent to the value of his land."

"We've been hauling rock," a farmer said. "Some of us have got plum tired waiting for laws. We're going to build two roads this season, each five miles long, by the subscription plan. They'll be free roads. The county will contribute one-half the cost. The more we get of these roads the more the farmers demand them. I know one man who gave \$1,000, and he owns only 300 acres. That's the effect of road taxation in a community. We get subscriptions from abouting property and from benefited districts. Every one who goes near the road is asked to help, and they all do it."

OIL FOR JERSEY ROADS.

To Be Used to Preserve Them from the Effect of Heavy Auto Traffic.

The freeholders of Hudson county are contemplating treating sections of the county roads with a preparation of crude oil to preserve them from the effect of the great traffic of automobiles, says a Paterson (N. J.) correspondent of the New York Sun. Unless it be the roads from New York to Philadelphia, no county roads in the state are more used by motorists than the roads in Hudson county, which lead to Greenwood lake, Lake Hopalong, Echo lake and other inland New Jersey pleasure grounds.

The weight of the machines and the dust they create are continually laying into the underdressing of the roads, making it compulsory on the freeholders to keep repair gangs out almost continually. The oil is said to act as a binder and will prevent the disintegration of the top dressing by the heavy tires of touring machines.

Rural Delivery Notes

Illinois will probably be given the credit of starting the first rural free mail delivery by automobile. It has been started at Plainfield, Will county, on a twenty-six mile route, covered by H. W. Ritzenthaler. The car that the carrier uses looks like an open buggy.

Patrons of the rural free delivery routes throughout the country have been notified by the postoffice department that in the future they may provide themselves with suitable boxes which are weather proof and fit receptacles for mail. The patrons of the rural routes will be allowed the privilege of making their own boxes or buying them from any manufacturer.

Since free delivery of mail in rural districts has been established I have been pleased to discover two or three pairs of bluebirds nesting undisturbed in mail boxes by the roadside, says a writer in St. Nicholas. It is gratifying to know that the birds allowed themselves to be disturbed two or three times a day and yet not abandon their nests. But the thing that gives the bird lover the greatest delight is the fact that no one robbed the nests.

The establishment of the rural free delivery service in Minnesota is tending to bring about a better condition of the country roads traversed by the carriers in a way that is unexpected. Carriers Alfred Johnson and Frank Watts, who have routes 3 and 4 that run out of Mankato, report that the farmers along those routes have improved the roadways by the use of drags. It is expected that the farmers on other routes will follow the example set.

E. L. Fink, a rural mail carrier of Grant county, going out of Medford, is the first man in Oklahoma to use an automobile in the service, installing his machine a few days ago. Mr. Fink has purchased an eight horsepower vehicle, of the low speed, which can be run at the rate of thirty miles an hour at four horsepower. As a result of a roadmaking campaign which has been on in that county for the past three seasons good roads obtain in that section of the territory, and this makes it convenient for the use of the automobile in the delivery of rural mail. Mr. Fink can cover his daily route now in about half the time it formerly required.

The best treatment for indigestion and troubles of the stomach is to rest the stomach. It can be rested by starvation or by the use of a good digestant which will digest the food eaten, thus taking the work off the stomach. At the proper temperature, a single teaspoonful of Kodol will wholly digest 3,000 grains of food. It relieves the present annoyance, puts the stomach in shape to satisfactorily perform its functions. Good for indigestion, sour stomach, flatulence, palpitation of the heart and dyspepsia. Kodol is made in strict conformity with the National Pure Food and Drug Law. Sold by Standard Drug Co. and Asheboro Drug Co.

It is not generally known that eggs covered with boiling water and allowed to stand for five minutes are more nourishing and easier digested than eggs placed in boiling water and allowed to boil furiously for three and a half minutes.

"For years I starved, then I bought a 50 cent bottle of Kodol Dyspepsia Cure, and what that bottle benefited me all the gold in Georgia could not buy. I kept on taking it and in two months I went back to my work as machinist. In three months I was as well and hearty as I ever was. I still use a little occasionally as I find it a fine blood purifier and a good tonic. May you live long and prosper."—C. N. Corneil, Rodin, Ga., Aug. 27, 1905. Kodol is sold here by Standard Drug Co. and Asheboro Drug Co.

When lighting a gas stove it will often give a slight explosion and light wrong, thus giving no heat. Turn the gas off very quickly and on again. It will then light properly without any further trouble.

Here is our condensed opinion of the Original Laxative Cough Syrup: "Nearly all other cough syrups are constipating, especially those containing opiate. Kennedy's Laxative (containing) Honey and Tar moves the bowels. Contains no opiates. Conforms to the National Pure Food and Drug Law. Sold by Standard Drug Co. and Asheboro Drug Co.

When bottling pickles or catsup, it is a good plan to boil the cork and while hot press them tightly into the bottles, so that when they are cold they are tightly sealed.

Give children a remedy with a pleasant taste. Don't force unpleasant medicine down their throats. Kennedy's Laxative (containing) Honey and Tar is most pleasant to take. Children like it, and as a relief for colds, coughs, etc. there is nothing better. No opiates. Conforms to National Pure Food and Drug Law. Sold by Standard Drug Co. and Asheboro Drug Co.

When pouring hot fruit into a glass dish, place the latter on a wet cloth. This prevents any chance of the glass cracking, which would otherwise be very liable to happen.

Good for every thing a salve is used for and especially recommended for piles. That is what we say of DeWitt's Witch Hazel Salve. On the market for years and a standby in thousands of families. Get DeWitt's. Sold by Standard Drug Co. and Asheboro Drug Co.

Cook Books.

Do you want the largest and best cook book published. If so, write us and we will tell you how to get it for one hour's work. Don't delay but write to-day.

LEGAL NOTICES.

SOURCE OF CREDIT.

Having qualified as administrator of the estate of T. H. Fuller, deceased, before W. C. Hammond, Clerk of Superior Court of Randolph County, North Carolina, this is to notify all persons having claims against and outstanding to present them to the undersigned on or before the 25th day of October 1907, or this notice will be pleaded in bar of their recovery, and all persons indebted in said estate are hereby notified to make immediate settlement.

This Oct. 10th 1906.

T. H. FULLER, Adm'r. of T. H. FULLER, dec'd.

LAND SALE.

By virtue of an order of sale granted by the superior Court of Randolph County on the petition of John F. Jarrell, Executor of Hannah Roberts deceased against G. L. Robbins et al, I shall sell at the courthouse door in Asheboro at 12 o'clock on, on the 31st day of December 1907 the following real estate to-wit: Two tracts of land in Rock Creek township in said County.

Tract No. 1 joining the lands of Dr. A. M. Bull, W. F. Holding and C. L. Robbins and others containing 30 acres more or less.

Tract No. 2 being a one fourth interest in 37 acres more or less adjoining the lands of C. L. Robbins, H. K. Trotter and others on the stream Caraway.

Terms Cash. Title reserved till the further order of the Court.

J. F. JARRELL, Exr. and Com.

This November 1st 1906.

Notice.

By virtue of a Mortgage Deed executed by Ed White, Mary E. White, June Robbins, et al Interest and wife, Mary Dorsett and Jennie Robbins to E. D. Stoney and assigned to J. F. Hoffman, said mortgage being registered to the Register of Deeds' office in Randolph County, Book 166, Page 674, with power of sale contained in said mortgage.

I will sell for cash, at the Courthouse door in Randolph County, on Dec. 4, 1906, at 12 o'clock P. M. the following described real estate to-wit:

Beginning at a stone, Polly Mitchell's corner, and running west 27 rods to a stone, thence south 12 rods to a stone, thence east 7 rods to a stone, thence north 12 rods to the beginning. Containing 2 acres more or less.

J. F. Hoffman, Assignee of Mortgage.

Young Men And Women Wanted.

We want men or women representatives in every community to solicit subscriptions for us and collect renewals. I will pay you handsomely for whatever effort you give it. You can earn Pin Money or a substantial Bank Account, a Tent for purposes of recreation, or a well-appointed Home for your lasting habitation. You can establish a business of your own and be independent of strikes, lockouts, the whims of an exacting employer, or possibly the increasing rush, responsibility and worry of your present executive position. Your profits will increase with your years if you are reasonably industrious and fast approaching old age need have no terrors for you. An ever-increasing number of shrewd men and women are taking advantage of the opportunity we now offer you. Seize the opportunity to become our exclusive representative in your home county while yet you have the chance. If you fail to strike now some one else surely will, and then it will be too late for you to reap maximum profits. We can offer you a more liberal contract than any other Magazine if you act quickly. Write a postal today, giving your references. Address me personally, Margaret Hart, Supt. Agency Dept., HOME MAGAZINE, Indianapolis, Ind.

WE HAVE ALREADY Paid Railroad Fare

We did it when we sent our buyer to Northern markets. He has returned with the most select line of Dress Goods, and Notions ever offered and at the same prices, or less than you find on the counters at a distance.

They are on display at our store now. All the leading fabrics and shades in wool, silk plaids, cravenette, etc.

Blankets

The best, convenient sizes and durable at easy prices.

Carpets and Rugs

That catch the eye and fit the purse at sight. Don't think you get a \$15.00 rug for \$10 from a mail order house.

Shoes, the Best

BROWN'S SHOES for ladies and children. Crossett's for men and a varied line of cheaper but serviceable goods.

Morris - Scarborough Moffitt Co.



HIGH POINT BUGGIES Are THE Best.

The assertion is backed by our sales for the past few months. Easy running, durable and comfortable. We also handle J. T. Nissen Wagons, Johnston Harvesting Machinery, Mowers, Stoves, Ranges, Mill Supplies, Builders Hardware, Duggy and Wagon Harness, Sash Paint, Barl and Smooth Wire and everything in the Hardware line.

Lewis & Winslow Hardware Company.

Kings Business College

INCORPORATED

Capital Stock \$30,000

RALEIGH, N. C. Pullen Building.

CHARLOTTE, N. C. Piedmont, Ins. Bldg.

THESE SCHOOLS GIVE the world's best in modern Business Education. One of the best in North Carolina. Positions guaranteed. Backed by a written contract. No vacation. Individual instruction. We also teach Book-keeping, shorthand, Penmanship, by mail. Send for Home-study rates. Write today for our Catalog, Orders and High Enrollments. They are free. Advertisements. RALEIGH BUSINESS COLLEGE, Raleigh, N. C., or Charlotte, N. C.



flow in prescriptions filled by the Standard Drug Store at Asheboro or W. A. Underwood, Asheboro, N. C. Bring or send them to us. We are the prescription druggists of Randolph.

W. A. UNDERWOOD, Randleman N. C.

THE PRAISE GIVEN BLISS NATIVE HERBS BY PEOPLE IN YOUR LOCALITY IS THE STRONGEST PROOF THAT THIS FAMOUS HOUSEHOLD REMEDY DOES ALL THAT IS CLAIMED FOR IT.

NO ONE need suffer with Rheumatism, Dyspepsia, Liver Trouble, Kidney Disorders, Catarrh, Diabetes, Constipation, Eczema or any ailment arising from impure blood. One tablet of

BLISS NATIVE HERBS

taken each day will quickly put the most weakened system in perfect order. Each root, herb and bark in its composition has a special mission to perform. Each box of the remedy contains 200 Tablets for \$1.00 and a Registered Guarantee to CURE or Money Refunded. A 32 Page Almanac tells the story completely. The medicine is NOT sold in drug-stores, only by agents.

THE ALONZO O. BLISS COMPANY, WASHINGTON, D. C., ARE SOLE MAKERS OF BLISS NATIVE HERBS

SOLD BY

F. A. HOOVER,

Thomasville, R. F. D. 5, N. C.

Sent prepaid to any address upon receipt of \$1.00.

BUSINESS OPPORTUNITY—A MANAGER to take charge of office and also in travel connection with Magazine Subscription Agency established twenty years, doing a business of \$200,000 per year. A person who is reliable and expressive in meeting people and convincing who will not object to appointing agents and working with them in his territory. To such a person we will pay a monthly salary, commission, and also a further interest in the business of said territory that will bring in a permanent return and income. Address: THE HOME MAGAZINE, Box 46, Indianapolis, Ind. 9-36-01.

DR. D. K. LOCKHART, DENTIST, Asheboro, N. C.

Office OVER THE BANK HOURS: 9 a. m. to 1 p. m. 2 p. m. to 5 p. m.

I am now in my office prepared to practice dentistry in the various branches.

W. R. NEAL, PHOTOGRAPHER

AND JEWELER

Randleman, N. C.