

## STOP BREEDING THE HOUSE FLY

### Go at the Root of the Trouble

## HOW TO POISON THE PESTS

### House Flies Do Not Usually Fly Over a Few Hundred Yards From Their Breeding Places, and It is Therefore Not Impossible to Do Away With Them

There are several species of flies which are commonly found in houses, but over ninety-five per cent are the true house flies, which are not capable of biting. Another fly which is hard to distinguish from the house fly and often found in houses is capable of biting like the horse flies. This one is known by the name, stable fly. There are also several greenish or bluish flies occasionally found in houses, and it is with all of these that we have to deal in attempting to mitigate the fly nuisance.

The life history of the common house-fly which does not differ materially from that of other flies is essentially as follows: The eggs are laid on both horse and cow manure, from which fully ninety-five per cent of all flies have been proved to originate. Eggs are also placed on all kinds of refuse such as garbage piles, decaying food, seats or any filth. The eggs hatch in from one to twenty-four hours into small, active white maggots.

The maggot stage lasts only five days in warm weather. When grown the maggots are about one third inch long, pointed at the head and quite blunt at the other end. The maggot changes to a reddish brown pupa stage from which the adult fly eventually emerges. The pupa stage lasts five days in hot weather. Thus, it is seen that the complete life cycle from egg to adult may be completed in ten or eleven days.

The generations during the summer may number fifteen or more. Each house-fly lays about one hundred and twenty eggs and the progeny from one individual at the end of the fifth generation would, therefore, number over ten million, counting only one hundred eggs as an average.

There is only one real good method of lessening the number of house-flies, and that is to do away with the breeding places or prevent flies from breeding as they would without hindrance. Many things have been tried to kill house-fly maggots in manure. Chloride of lime is fairly successful when used in large quantities, but it is impracticable to follow this method under ordinary conditions. The best thing, therefore, is to have the stable manure hauled out and spread in the field at least once a week. In this way the maggots are killed and practically none have time to mature and those that mature in the field do not often return to the houses.

House-flies do not usually fly over a few hundred yards from their breeding places, so that it seems practicable, by united effort on the part of those interested, to do away with most of the house-flies in any community.

There are several successful fly poisons that can be bought in any community and we have learned quite recently that formaldehyde is one of the best and cheapest poisons that can be used. This costs about fifty cents a pint and one tablespoonful in a cup full, one half pint is necessary, and should be exposed in shallow plates. It is well to put a piece of bread in the plate. This poison is most successful if used in places where flies are very numerous, such as milk rooms, back porches where refuse is placed, or around the hens.

When attempting to poison it is best to use the poisons of the building as well as. Flies can often be poisoned by the hundred on porches

## SHORT ITEMS OF NEWS

Caroline Alton, a negro woman said to be 105 years of age, died in Raleigh one day last week.

Durham county is preparing to build a new courthouse at a cost of about \$250,000.

The first bale of cotton this season sold on the Houston, Texas, market last Monday for \$1.015.

About ten thousand gallons of booze were seized in a store room on Main Street, Hendersonville, last Monday.

H. W. Mortagne, who killed J. B. Robertson in Wake county last week, has been held under a \$2,000 bond on a charge of manslaughter.

According to the June crop report of the United States Department of Agriculture, this year's wheat crop will be the greatest ever produced.

At the coming session of the Georgia Legislature, the city of Atlanta will ask for a new charter and the creation of a form of commission government.

Severe electrical storms in New York last Saturday and Sunday nights caused five deaths and loss of property worth a million dollars.

All weather records since July 1902, were smashed in Raleigh last Sunday, when the thermometer registered 100 degrees.

More than four hundred delegates are attending the Southern conference of the Y. W. C. A. in Asheville this week.

The dispute between the Southern Railway Company and its firemen, which has been in mediation for about two weeks, was satisfactorily adjusted last Saturday.

On last Monday morning, fire almost wiped out the business section of the town of Apex, causing a loss of about \$40,000, with only about \$21,000 insurance.

On last Monday night, the Senate by a vote of 64 to 24 passed the resolution amending the constitution to provide for election of senators by direct popular vote.

A severe wind, rain, hail and electrical storm swept over eastern Virginia around Hampton Roads last Monday killing fifteen persons and damaging property to the amount of about \$100,000.

On last Saturday evening while two brothers named Incore were driving home from Mt. Airy, they were fired on from ambush and one of them killed. Suspicion points to a man named Lynch.

While trying to board a fast freight train to go to the fire at Apex, his home town, last Monday, Graham Herring, an operator at New Hill, was caught under the train and dangerously injured.

The trustees of the proposed North Carolina school for the feeble minded will meet in Kinston June 22, and definitely settle the location of the institution. Many cities and towns in all parts of the State are striving to secure the institution.

Mr. Shelly C. Cameron, son of Mr. and Mrs. D. H. Cameron, died in Richmond, Va., on Sunday, June 4th. He was a most excellent young man. His remains were brought to Liberty Tuesday of last week for interment. He lived at St. Paul, N. C., where he was engaged in railroad work. For several years he had been a train dispatcher and railroad agent.

Exiles in New Orleans from the different Central American republics are said to be preparing for the most stupendous upheaval in the history of these turbulent little countries. Unless Uncle Sam steps in and spoils the game, the entire strip of land from Mexico to Panama, with the possible exception of Costa Rica, will probably be the scene of violent revolution within the next six months.

where they are waiting to enter whenever the door is opened.

We will never succeed in greatly lessening the house-fly nuisance by simply poisoning or trapping the flies, but whenever people become interested enough to prevent flies breeding they will find that a little additional work toward killing off the flies by the use of poisons, sticky, fly papers, traps, etc., will be well worth the trouble.

R. I. SMITH, Entomologist, N. C. Experiment Station, West Raleigh, in News Observer.

## Advantages of the South to Be Shown.

In accordance with their policy of attracting the attention of the outside world to the manifold advantages of the South, the Southern Railway and allied lines have arranged to make a comprehensive exhibit at the American Land and Irrigation Exposition to be held in Madison Square Garden, New York City, November 3 to 12.

The material used in making this exhibit will be drawn from all parts of the South.

This Exposition will be visited by thousands of just the class of people it is desirable should become citizens of the South. The exhibit will be a splendid advertisement for the section.

Invitation is extended to farmers throughout the South to make individual exhibits and compete for the attractive prizes to be offered, which include a \$1,000 cup for the best short staple cotton, \$500 in gold for the best twenty-five boxes of apples, \$1,000 cup for the best thirty ears of corn, and \$1,000 prizes for alfalfa, potatoes, wheat and oats.

Any farmer interested who will address M. V. Richards, Land and Industrial Agent, Washington, D. C., will be afforded all possible aid and information.

## If He Buys Real Estate, It Will Be In The South.

Ralph A. Parleir, formerly of Lenoir, N. C., writes from Everett, Wash. as follows:

"Taxes are extremely high here, and if I get in shape to buy a farm, it will be in the South. I think Mr. Bacon, of Seattle, is exactly right about people making a mistake coming here from the South. As he says, the 'land sharks' first sell you land at from \$100 to \$500 an acre and then it costs from \$150 to \$300 an acre to put it in shape. This country is suited for raising only a few things, such as potatoes, turnips, berries and garden truck. Wheat raised here is not used for flour, but for stock feed. The potatoes we have here are not as good as those raised in the South. People who buy land should buy in the South where everything that grows can be raised."

## Oxford Singing Class to be at Liberty

The Oxford Orphanage Singing Class will give a concert in the Graded School Auditorium on the night of June 24 at 8:30 o'clock. The cause of the orphanage properly appeals to the people of the State.

The program this year, it is understood, is fully up to the highest standard of excellence of former concerts by the class.

## Large Wheat Crop in Randolph

The wheat crop in Randolph is the best in years. The saying is, a dry May for a good wheat crop. As a rule a dry May causes a poor yield of oats. Some three years ago, we believe it was, the month of May was so dry the wheat crop was cut short.

This year May has been rather too dry, and in some instances on poor land, wheat is too short, but the head is well filled.

Randolph has for nearly twenty years produced more wheat than any county in the State and will keep up its record this year to a higher standard than heretofore. The Courier wants to get all threshers to make reports of the wheat, oats and barley threshed.

## Influence of Advertising.

It was a newspaper advertisement in sixty-one papers of the west that changed congressional sentiment over night and resulted in a definite choice by the national legislators of San Francisco over New Orleans as the place for the Panama Exposition in 1915.

"It is doubtful if there is on record a more trenchant and powerful compelling advertisement than this," writes S. O. Lambert, in Printers' Ink, "which, although sent by telegraph at a late stage in the fight, awoke the united fighting spirit of the west, and created a tidal wave of over 100,000 letters and telegrams that surged in upon Washington, swamped its telegraphic facilities and reversed the action of the committee on industrial arts and exposition, which had reported favorably to New Orleans, nine to six."

## Thousands Are Going Back to The Southern States.

Spartanburg, S. C., June 8.—Newspapers all over the South are printing letters from Southern people in the West and Northwest which tell of thousands who are coming back to the South. The secretary of the "Back Home" Association, W. D. Roberts, Johnson City, Tenn., had been for several months gathering the addresses of people who have gone west. He says inquiries for farm lands and for rates are coming at the rate of fifty a day, most of them from former Southern people. Many of them, he says, request that information be given to their friends in various sections of the West.

Thousands of individuals and boards of trade in the South are working in this "Back Home" movement. Every mail to the West carries hundreds of letters and pieces of literature which set forth the advantages of this country and a direct personal appeal to its natives to come back to their own home states. Even the women are at work; mothers are writing to their children and sisters to their brothers, all telling of the great development of the South.

On the first of July the "Back Home" Association will begin publishing an organ for circulation among the millions of Southerners in other states. It will be called the "Back Home" Magazine. An announcement of it sent to the West has brought a great many requests for copies.

An earthquake shock in Mexico City one day last week killed about two hundred persons, buried seventy soldiers in the ruins of their quarters and did considerable damage to property.

One day last week, officers of the law in Asheville seized 22 barrels of intoxicants and with the aid of W. C. T. U. workers broke all the bottles and consigned the contents to the waters of the French Broad.

The daughter of Mr. Dana Patterson, railroad yardmaster at Greensboro, died recently and was buried at Liberty, where the family formerly lived.

The long drought in the sand hills was broken one night last week by a heavy rain, which flooded two buildings at Hamlet causing a car load of lime to take fire and doing considerable damage.

Hubert Morris, the 22 year old son of Contractor I. O. Morris, of Greensboro, and a friend were drowned in the Neuse River near New Bern while on an excursion trip last Sunday.

An unknown white man, apparently about 30 years of age, well dressed, bearing the marks of refinement, his address given on a card as Laurens, South Carolina, was killed by a train near King's Mountain, last Sunday.

## The Randleman Mills

The cotton mills known as the Randleman mill, the Plaid mill and Mary Antoinette, belonging to the Randleman manufacturing company and the mill incorporated under the name of the Naomi Manufacturing Company have all been sold in the bankruptcy proceeding and purchased by Messrs. J. C. Watkins, of Greensboro, and H. G. Chatham, of Elkin, and J. E. Gilmer, of Winston-Salem, who have incorporated the property so acquired under the name of the Deep River Mills.

The future plans of the new owners of the mills are not known, but it has been definitely stated that additions will be made to the machinery in the mills will be increased and the output greatly increased. J. C. Watkins has been made President of the Deep River Manufacturing Company.

## Rumor of Confession.

Reports are that Pinkerton detectives have almost solved the mystery of the Jamestown tragedy; and according to these reports, Mrs. Hill was undoubtedly a victim of the murderer and not a suicide as many have thought. Of course, the detectives refuse to make any statement but rumor has it that a confession has been secured from a suspected negro, and that this confession also implicates a white man. It is expected that the whole mystery will soon be cleared up.

## ROSS-CROWSON

### A Pretty Morning Wedding

The Methodist Protestant church was the scene this morning, of a simple but lovely marriage when Miss Lucy Clyde Crowson became the bride of Mr. Levan Ferree Ross.

Long before the hour appointed the church was filled with relatives and friends eager to witness the joining of these two young lives. The church was beautiful with its decorations of ferns, magnolias and sweet peas.

Before the ceremony "O Promise Me" was charmingly rendered by Mrs. T. M. Johnson accompanied by Miss Marie Hunter, of Charlotte N. C.

The soft beautiful notes of the "Bridal Chorus" from Lohengrin announced the approach of the bridal party. The ushers, Messrs W. C. George, of Mt. Airy, Flaud Morris, of Raleigh, John Lockhart, of Chapel Hill, and Jesse Scarborough, of Asheboro, came up the aisle and stood at the chancel steps; following came the fair young bride leaning upon the arm of her affianced husband and together they stood before Rev. T. M. Johnson, pastor of the M. P. Church who pronounced the words making them man and wife. During the ceremony Traumeri was softly played; after the ceremony, the triumphal notes of Mendelssohn's wedding march was sounded and the bridal couple and ushers marched out to its inspiring strains.

The bride was dressed most becomingly in a going-away gown of gray cloth with accessories to match, and carried a bouquet of lilies of the valley, bride's roses and maiden hair ferns.

Immediately after the ceremony amid showers of rice and congratulations Mr. and Mrs. Ross left for the western part of the State, where they will spend their honeymoon.

The numerous and beautiful presents received attest the popularity and esteem in which this young couple are held by their many friends.

## Protracted Services at Presbyterian Church.

This evening at 8 o'clock evangelistic services will be begun at the Presbyterian church, continuing through next week. Services will be held each evening at 8 o'clock, and in the afternoon probably at 3. The hour of the afternoon service has not yet been definitely fixed. As before announced the series of services will be conducted by Rev. D. H. Rolston, of Petersburg, Va.

Mr. Rolston is a young man of remarkable ability. His oratorical gifts have been noted favorably with those of famed speakers of the South. A proof of his powers is found in the fact that before he had been out of the seminary twelve months he had been called to one of the most important charges of his denomination in the State of Virginia. He has recently been sought for heavy responsibilities in this and in another State.

Mr. Rolston is a man of great zeal and earnestness of manner, giving himself to great labors. Raised on a farm in the Valley of Virginia, he gave up that life to work his way through university and seminary. His first labors in the ministry were among the lumber camps of West Virginia, thus meeting squarely the tests and the thrilling experiences of the home missionary in his rougher work. This mission work he reluctantly gave up to take his present charge in Petersburg.

Mr. Rolston is a man of consecration, zeal, enthusiasm, fire, power. He appeals to the intellectual with his logic and eloquence; he appeals to the less learned with his directness and simplicity; he appeals to the young men as a powerful young man; he appeals to the older ones with his sympathy; he appeals to the Christian with his earnestness and consecration. Come and hear him. Come the first evening. If the church is too small a larger auditorium will be secured. Everyone is urged to be there as often as he can. Success depends on each individual.

During the recent closing exercises of Trinity College, plans were announced for an endowment of \$1,000,000. North Carolina is to furnish one fifth of this sum, each conference contributing \$100,000. Announcement was also made of gifts to Trinity from Messrs. J. B. and B. N. Duke amounting to \$160,000.

## HORRIBLE TRAGEDY AT JAMES TOWN, N. C.

### Mrs. Ida Hill Found Dead—No Clue to the Mystery.

Mrs. Ida Hill, of Lexington, who was visiting her mother, Mrs. J. S. Ragdale at Jamestown, was found dead in her bedroom at the Ragdale home June 8th.

When Miss Jennie Ragdale went to Mrs. Hill's room about 7:30 a. m. with some fresh linen she found her lying on the floor strapped by the neck to the floor with one of the straps from her suit case. Her hands were securely bound with the other strap behind her back. In her mouth were one of her hose and a burglar's mask. The room was in some confusion, the dresser drawers having been rifled. The members of the family found the body still warm and immediately summoned the family physician, who said she had been dead only a few hours.

On the dining room table was a napkin containing some silverware, but no other rooms were disturbed except these two.

All sorts of theories have been advanced as to who the burglar is and what motive he had in the house breaking and murder. There were some faint foot prints on the dining room window sill, but it is not known whether they were there before the night of the murder or not.

The deceased was the eldest daughter of the late J. S. Ragdale, a well known cotton mill owner of Jamestown. She was married several years ago to Dr. Joel Hill, of Lexington, where they lived until the death of Dr. Hill, a few months ago.

Mrs. Hill is survived by seven children, the youngest being a little girl of six years. One of her sons is an architect of Richmond, Va.; another an employe of the Reynolds Tobacco Co., of Winston-Salem; while one of the daughters is a teacher in Peace Institute, Raleigh. Mrs. Hill was one of the Lexington's most highly respected women.

## President Moffitt to Move to Asheboro

Dr. E. L. Moffitt, who has made good as President of Elon College for six years, has retired and will return to Asheboro to live where he will engage in business, resuming his duties as secretary and treasurer of one of our largest wood working plants, which position he laid down six years ago to become President of Elon College at the call of the trustees and his church.

He has done splendid work as president of the college. It has steadily grown until it is more prosperous than at any time in its history. Elon has become one of the State's leading colleges and Dr. Moffitt one of the foremost educators, and his retirement is a loss to the educational forces of the State. It was with reluctance that the trustees of the college gave him up. His successor is Prof. W. A. Harper, who has been dean of the college faculty for the past year and professor of Latin for the last six years.

## Most Important Meeting

The most important meeting that will be held in this State this year will be the meeting at Charlotte during the State Medical Society on June 19-20 when the North Carolina Public Health Association will be organized.

In the organization of this association can be seen, the advantages of organization, the wisdom of counsel, the value of interchange of experiences affecting the State's most valuable asset, the public health. There will be an instructive program.

## Cotton Growing in Randolph

The farmers are beginning to grow cotton in earnest in Randolph. In every part of the county more and more cotton is planted each year. This year there is probably twice as much cotton planted as last year.

The enterprising business men of Asheboro should see to it that there is a cotton gin here this fall in time to gin all the cotton brought here. Up till the last few years Asheboro was a large cotton market. Thirty or forty years ago there were two or three large cotton buyers here. Finally the farmers in this section quit growing cotton. Now they have gone back to growing cotton, and Asheboro should have some cotton buyers and a cotton gin.