

Every day in the week for the next fortnight we will give special prices on CLOTHING, DRY GOODS. SHOES ' SHIRTS.

Come and put us intervet and started a rapid growth. A rapid improve-ment is indicated, "stands" are irregular. Chopping is fuished. No crab grass. Cottou is small for the season. Fields are clean and well cultivated. Some wheat has been harvested. Poor wield to the test and see harvested. Poor yield. Oats favorable. Rye favorable. for yourself how far a little money will go at our store.



AGRICULTURAL TOPICS FARM VIEWS AND NEWS "Agriculture is the Foundatio

Talks on Corn-No. 2.

BOTAKY OF CORN. Corn belongs to the Gram-ne, or grass, family of plants, which includes the Johnston,

Burbank's early, Canada, Capital Carr's Corn, Cary, Champaign county, Ill. Champion, Champion white dent, Champion yel-low dent, Cherokee, Chester County, Pa., Gourd-Seed, Chester county early dent, China, Clark's early, Canning corn, Common corn, Compton, Compton's early, Conqueror, Country Gentlemen's, Cropsy's early, Crowder's, Currituck, Curzco, Dakota Red, Davenport's, Dolly Doit, Dolittle, Dr. Woodhouse's, Dugan's Durkey, Dutton's Early Roston, Early Rowton, Early Boston, Early Boynton, Early Buteer, Rarly Collossal, Early Dutton, Early Eclipse, Early Giant; Early Huron, Egyptian, Parmer's Favorite, Farmer's Pride; Fisk, Giant, Golden. Gourd seed, Hawkins, Hickory King, Hogne's Hoyne's-Homi ny, Houey, Horse-tooth, Hoff-man's Iowa-Beauty, Iowa Gold, man's Iowa-Beauty, Iowa Gold, Ironclad, Japanese, Jim-J, Kane County Kan., Kansas King, King Philip, Kyle 1, 2, 3, 4, Lazawaxan, Legal tender, Leam-ing, Lemon, Log-Cabin, Long-John, Long-Tom, Long-fellow. Long-yellow, Mammoth, Maple-dale, Marble head, Mill's white, Long-yellow, Mammoth, Maple-dale, Marble Sead, Mill's white, Miller corn, Minnesota, King, Missouri Mammoth, Monroe's, Mortgage lifter, Musmoy 1, 2, 3, 4, Negro-pop, Ninety day, Old Cabin Home, Pearl, Pee Kay, Ragan's, Red-bladed, Red Cob, Red River, Rural, San Padros, Sanford's, Seek no further, Self Shucking, (on ripening the shuck comes partially off, ex-posing the grain.) Southern Queen, Stowart's, S to we's, Strawberry, Stowell's, Taraha-mari, Thousand Fold, Thomp-son's Top-over, Trinsmph, Tuscarora, Turkey, Tyler, Victory, Virginia, Waterloo, Watson's Welborn's White-Cap, White-Dent, White Fhint, White Shoo-peg, White-Gourd-seed, White's White, Yellow Cap, Zuny. Zuny, The United States Department of Agriculture recognizes 451 variables of corn in cultivation. The writer gives 155. Limits-tions of space at the time of writing prevent us from treating as fully as we should wisk in this issue the originators and post office address. The magni-table of the varieties is well un-der stood. The scope of our plan therefore will be currailed and we will content ourselves by giving 155 varieties of corn out of a total of 451 varieties in rultivation. Mada

brief description of thirty household pests, etc. "The American Crow," 98, economic status of this well knows bird.

"Studies on American Grass-

Agriculture regarding wages of arm hands etc. Total volumes in library 358, June 1, 1903.

LIST YOUR TAXES-GIVE IN YOUR POLLS.

Regarding the law as to listing taxes, it is well for every citizen to inform himself. Persons who fail to report to list-takers will have to list before the Board of County Commissioners up to the second Monday in July, and are required by the law to pay 25 cents for recording and 5% on the amount of tax. All persons who are liable for poll tax and fail to give themselves in, and all persons who own property and fail to list by the 2nd Mon-day in July may be charged with double tax, deemed guilty of a inis-demeanor and on conviction fined or imprisoned. (Sections 15 and 58 Machinery Act 1903.) GASTON CROPS JUNE STIL.

The week's rainfall has con-sisted of heavy showers all over the county. The winds were light, changeable. The rains have given corn and cotton a healthier look and started a

Baptist Young Peoples' Union, Atlanta, Ga., July 9-12, 1903.

For the National Convention Baptist Young Reople's Union of America, which meets in At-lanta, Ga., July 9-12 the South-ern Railway will sell return tickets at one first-class fare (plus 25 cents) for the round trip. Tickets sold from points beyond a radius of 300 miles from Atlanta on July 8, 9, and 10. Return limit to enable passengers to reach original starting point July 15.

We Want--To put THE GAZETTE in every reading home in Gaston county. Why shouldn't it be there? It pays its visits twice a week, tries always to be a welcome gnest.

and costs only one dollar a year, Speak a good word for it to your neighbor who doesn't take the paper. We will appreciate it, and we believe the time will come when your neighbor will thank you for having mentioned it. The person who gets THE GAZETTE, with its wealth of local and general news, for only one dollar a year has the long end of the single-tree on the publisher.

Bon't Miss It.

The great gathering of music teachers and inusic lovers, to be held at Asheville June 30th to July 3rd, ought to prove a noteworthy event in the educational State wili be

HESSIAN FLY IN WHEAT.

The Pest is Becoming Unsaually Destructive in Western Cousties-Entomologist Sherman Tells of Ways of Combatting 11.

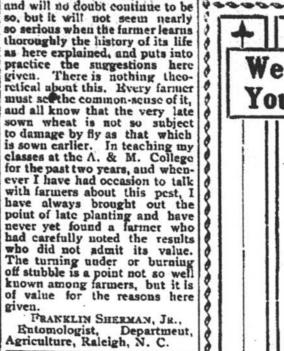
ranklin Sherman, Jr., m Progressive Fur-

There seems to be urgent need of informing the wheat farmers thoroughly as to the best means of dealing with the Hes-siau Fly, for it is evidently causing them much loss every year. A week or two ago we gave in The Progressive Farmer the essential points in dealing with it, but will repeat here more in detail as more serious reports have been received since

the publication of that article. The adult parent insect of the Hessian Fly is a very small, slender, blackish, two-winged fly (there are a number of specimens before me) which resembles a mosquito. The adult female fly deposits its eggs on the wheat leaves, usually selecting those that are nearest the ground. The eggs hatch into small white maggots which work down to the stalk, feeding on it near the joints where it is near the base of the leaf. Here it grows to maturity, when it chauges to what is known as the "flax-seed" stage. This stage is correctly known as the pupa and it is brown and oval in shape suggesting the seed of the flax in general appearance. In this stage the insect is entirely helpless and takes no food; the maggot is simply transforming to the adult fly. We see then that there are four distinct stages of existence in the life of the Hessian fly: (1) the egg; (2) the maggot, which does the damage; 3) the pupa or "flax-seed," and (4) the adult fly.

All through the piedmont section of North Carolina there are two complete generations of the insect each year. One brood of adult flies appears and deposits eggs in the fall and another brood cunerges and deposits eggs in the spring or early summer. Let us now begin when the farrmer sows his wheat in the fall and follow his field (and the fly) through a year, and we will then be able to discuss the mat-ter of remedies intelligently. Suppose his wheat is sown early in October and is nicely

up by the 20th of that month. About the 25th a brood of the flies appear and deposit their eggs on the young wheat. The maggots which hatch from the eggs work around the joint of the stalk near the ground feed ing on the juicy fiber. Here, they reach maturity in about four weeks and change to the pupa (flax-seed stage) to pass the winter. The adult fly emerges from this pupa in April or May (specimens bred from stalks sent to me emerged between May 4 and 18) and after mating the female deposits eggs for an-other brood. The flies them-selves do no harm other than lay the eggs, and after they are deposited the flies die. The eggs thus laid transform into maggots which continue the destructive work and which mature and transform to the pupa (flax-seed) stage by harvest time. The grain is cut and the



NOTICE.

Carolina & North-Western Rail-way Company.

Notice is hereby given that a special meeting of the stock-holders of the Carolina & North-Western Roilway Company has been called by the Board of Di rectors, and will be held at the in Chester, South Carolina, on the thirtieth day of June, 1903, at twelve o'clock, noon, and that at such meeting there will be considered a proposition to create a new mortgage upon the proper-ty of this Company and to issue bonds thereunder for the purpose of unifying the funded debt of this Company and to provide funds for the purchase of additional equipment, and for ex-tensions of the railroads of this Company, suchbonds to be limited in the aggregate amount to \$2.500.000.

By order of the Board of Directors.

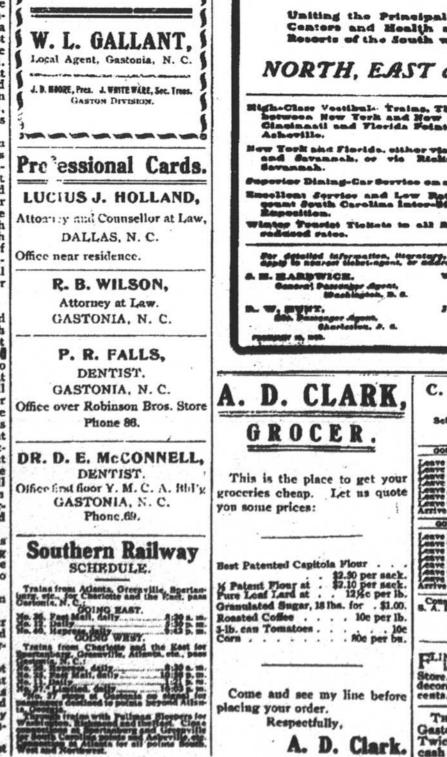
J. J. MCLURE, Sec'y. Chester, S. C., May 28. 1903.



paid to Beneficiaries of the Peoples' Mutual Benevolent Association since organization of Gaston Division, two years. at a maximum yearly cost to pulicy holders of \$6.33 per \$1,000 insurance. : :

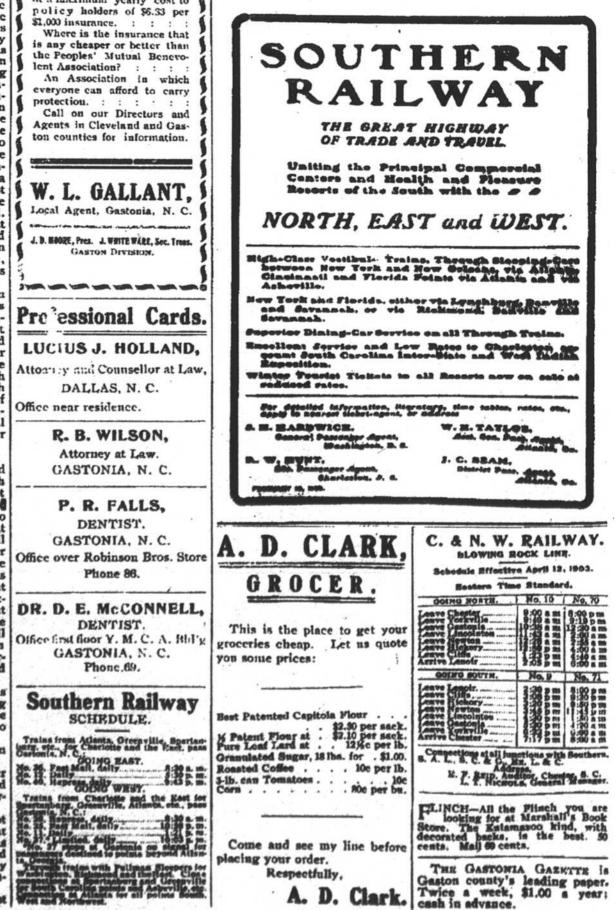
is any cheaper or better than the Peoples' Mutual Benevo-

Agents in Cleveland and Gaston counties for information.





FLINCH The Newest and Most Fascinating Parlor Game FLINCH FLINCH FLINCH More Simple than Authors. FLINCH FLINCH More Scientific than Whist. FLINCH FLINCH Each pack consists of 150 cards, which FLINCH FLINCH Linch pack consists of L50 cards, which are absolutely necessary to play the game successfully. The combinations while sim-ple, are so intricate that the game has been pronounced by many to be more scientific than whist. Minch may be played in any home by the whole family, and enjoyed by old and young alike. FLINCH Price - - 50 Cents. FLINCH FLINCH By Mall . 60 Cents. FLINCH GASTONIA BOOK STORE. FLINCH FLINCH FLINCH FLINCH PLINCH FLINCH FPINCH FLINCH FLINCH



a known botanically as "Zea BOTANICAL SPECIES OF CORN.

1. Zea Junicata, "Pod corn," sch grais is enclosed within a huck within the ear, known as Sayptian corn, Primitiye corn

shuck within the ear, known as Egyptian corn, Primitiye corn pod corn. 2. Zes Everts, Pop corn, each grain has the property of turning inside out through explosion of moisture os application of heat. 3. Zen Indutrata, "Indian Filst corn," Cartier found it near Montreal, Canada in 1535. Heriot found a variety in Vir-ginis in 1588 known as the com-mun corn of Trinidad, North America, Mondunes, Pern, Para-gray, Manico and Brazil. 4. Zen Indenta, Indian Dent Corn, used by Powhatan Indians in 1605.

two species above mar-, vis: Z. Industrata Z. In-are the most extensively in the United States. Zes Angulaces, soft corn in Sa Fernyine Manager or Cure, is the largest and corn yet known in exis-

And the second s Zea Sacharatta, sweet corr 1 T

es es cora la oot, 1 P. Arrind

ADDENDA.

nce May 19th, the library been increased by the ad-

the first meeting of the Music Teachers' National Association ever held in the South, and, being held coujointly with the meeting of the Southern Music Teachers' Association, will doubtless bring together distingnished teachers and artists from all parts of the United States, many of whom it will be a privilege to meet. This meeting will give our North Carolina musicians an unparallelled op-portunity to put themselves in touch with the great forward movement of the day in musical as well as in general education, an opportunity which it would an opportunity which it would be a misfortune and a shame to neglect. The programme includes sev-

eral grand concerts, besides lectures, excursions, etc., worth many times their cost. For fur-ther information address P. Flaxington Harker, Biltmore, N. C., or Secretary Board of Trade, Asheville, N. C.

NOTICE.

Polls and Property to be Returned I:r Taxation.

Notice is hereby given that the int-takes for the town of Gastonic and assessors will sit at the below-mentioned times and places, when and where all property owners and tax payers are required by law to make returns to them for the year 1000 of all real estate, personal by reach on the first day of June, and all nale persons between the ages of 21 and 50 years are to list their poils at the same time. Onethe Mill, Tuesday morning, June 2.

as Mill, Tuesday afterno

nge 2. Avon Mill, Wednesday morning, one 3. Gantynia Mill, Wednesday afterin Mill, Wednesday afterm, June a Mill, Thursday mor

These Address of property and the pains and property and property and property and property and the pains and presenties imposed by

May 11, 1988

Another field is sowed to wheat in early October and the brood emerges from the old stubble in the latter part of the month, flies to the new field, deposits eggs and dies.

If there is no wheat up when this fall brood of flies emerges then they must die without depositing their eggs or they must deposit them elsewhere, and each fly only lives for a day or two after emerging, for it is the natural course of events with many insects that they reach maturity only for the purpose of providing for the next genera-tion, and they die a natural death of slow starvation after maturity is reached.

It is evident that it would be very expensive to apply any kind of remedy which should reach the insects on each stalk, but knowing the history of the ing sect's life we are prepared to combat it effectually. Note that the adult flies emerge in the fall in October or early November and that therefore they may be and that therefore they may be largely avoided by planting as late as possible. Note also that the insects are in the pupa (flax-seed) stage when the grain is cut in summer, so that by at suce burn-ing off the stabble they will be turned under deeply and then rolled to pulverize the top sur-face, the files will be sufficated and unable to emerge.

These are the two great points to be attended to in combatting the Hessian fly and the advice may be bolled down to these two itions:

Plant late as possible in the fall.

2. Burn off or turn under deeply the stabble of infested fields immediately after h a r-

Any farmer who will adopt these practices will realize great benefit from it, but the results will be all the more evident and beneficial if adopted generally by all the farmers in a commu-nity.

