VOL. VIII.

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LEXINGTON, N. C., WEDNESDAY, JULY 3, 1889.

### edmont Air Line. EXPERIMENT STATION INONDANDDAN VILLE RAILROAD. POINTS PROM THE DIRECTOR'S dule in Effect June REPORT. Operations of the Department, BY 16" MERIDIAN TIME.

Scope of the Work, Etc.

The fifth biennial report of Dr. H. B. Battle, director of the North Carlina Agricultural Experiment Sta ne re tion is one of the most important documents ever issued by the state

agricultural department. Previous to the passage of the Hatch bill, by which \$15,000 is appropriated mouendnemer researches and ve ns of the ion were limited for the want of unda to carry on the work. Since the appropriation became available, the scope of work has been consider-ably enlarged. The station now reseives its entire support from this source, with the exception of a small amount appropriated from state funds for chemical work.

include I. Chemical and Microscopical

Work, including 1. The analysis of all fertilizers legally on sale in the state.

2. The analysis of agricultural chemicals, of composts, and homefrom which they can be made.

8. The analysis of soils, marks and mucke. 4. The analysis of feeding stuffs.

5. The analysis of potable and mineral waters.

reference to their purity, and capacity to germinate. 7. The examination of grasses and

weeds. 8. The study of instets injurious to

vegetation. 9. The analysis of milk, butter and other dairy products. 10. Such other cheerical and micro-scopical investigation acts demanded in the experimental work of the

II. Experimental Work in the Field, Stable and Laboratory, to include 1. The effect of different fortilizers on various soils of the state. 2. The study of improved methods for cultivation of staple crops. 8. The study of the best treatment for worn out lands.

4. The study of the best system for the the rotation of crops. 5. Chemical invisitientices with

unitural industries of the state. To-formation of this character given as promptly and enrofolly as possible. Bamples, when sent by citizens of

he state for examination, will be ac-1. If they are taken strictly accord ing to our printed forms, which must 2. If they are of sufficient public

8. If the station is free to publish Some of the facts observed and re-

ults accomplished, we note briefly. The average composition of am-muniated superphosphates with potauniated superphosphates with ah show with some slight fluciat st improvement over that of marked improvements and of these crillisers the change has been mon becided. In 1877, when the statio was established, the average cash price of the ammoniated fortilizer was \$18.50 per ton. The same fer-tillizer in 1888 could be bought for \$27.50-a reduction in price of \$16.00 per ton. It is not claimed that the station was the sole cause of this re-duction, but that by a judicious con-The operations of the station now trol of the trade in renewing confidence between the dealers and con-

sumers-in the prevention of frauds -in producing healthy competition, it aided largely towards this end. There has been a large increase in the number of brands of fertilizers in the three states of Virginia, North made fertilizers, and all materials Carolina and South Carolina. In North Carolina alone, the number of brands made in the state increased tumuit of cheering and applause, from 6.38 in 1880 to 16.48 in 1888, in proportion to the whole number sold

In the state. Here the increase is nearly three-fold. What does this 6. The examination of seeds with change foretell? Considering the number of brands as indicative of the amount sold, which can safely be said, since the conditions for the

clusively that the home manufacturers are gradually driving the other ers are gradually driving the other more distant competitors from the field; that the distance from the source of supply of the various in-burst. The promised tempest over an endersement of the Civil Service law

which these fertilizers must pay to reach a market, are proving each utterances of the Nation year to be a more effectual barrier to their entering the state in a common-cial point of view. Taking our own vention quickly completed its work

the station, show that informall asked for on almost every co-able subject pertaining to to agrialture and to the deve ation of this North Carolina. Infor er is given as earefully and fully as possible, and above all, as comptly as possible. Any informa-ion which cannot be supplied by the tation through any of its officers, is procured from the best available

Foraker Renouslated. COLUMBUR, O., June 11.-The,Ohio Republican Convention lo-day non-mited Gov. J. B. Forsker for sources or on the second ballot. After two

peoches balloting began. The first ballot was as follows: Forsker, 207; Kennedy, 127; Dows, 96; O'Neall, 59; Lampson, 89; Jones, 90; Morey, 47; Vance, 45; Nell, 87; Gibson, 29; Bushnel, 1.

A second ballot was begun, but mination was subsequently made antimous.

A committee, consisting of Major McKinley, Congressman Grosvenor and Mayor Gardiner, of Cleveland. was sent to inform Governor Foraker of his nomination. They returned in twenty minutes with Governor Foraker, whose advent called forth & Farragut could not have captured

which lasted seven minutes. Governor Foraker then made a which delighted the delegates. THE PLATFORM

was read by Congressman Grosvenor. The tariat plank, the resolutions endorsing President Harrison, and various years have remained unal-tered, these figures prove almost con-a service pension bill, were received with cordial kindness, When the resolution endorsing

was avoided by simply endorsing the

state and the two adjoining, it is plainly seen that the three, while they controlled one-third of the trade sight years ago, now control one-half. Brown for State Treasurer N. H. After commonting in his caustic North Carolina sione, eight years Hester for Clerk of the Supreme ago, controlled only one-sixteenth, Court; D. K. Walson, for Attorney

BUTLER ON HIS EAR. Old Ben's Final Reply to Admiral

The Boston Herald prints a four column tetter from General Butler, In which be produces facts and official sports for the purpose of proving reports for the purpose in particular the particular and the particular and the particular and the provide the particular and the public speech in this city last May, and have been the subject of much controversy between the two princi-

## General Butler says :

The sole question betwee en myself and Purter is, did he or his flagship and the rest of the mortar fleet away from the neighborhood of the forts where they were slittioned by ars were consumed in nominating Farmagut, down to the head of the passes, or out to sea, and remain ere for a considerable time till Porter believed it safe to return to the forts? Admiral Porter has been quoted as saying that one officer did run away, but that he would not give his name. There was no officer who fore the totals were footed up a ran away save Porter, or those unbreak occurred to Foraker, and his der his orders. I charged a "high officer," and there was no such one there who could run away other than Porter himself, so he well knew whom I meant.

To Porter's statement that he had a letter from Gideon Welles thanking him for his efforts and saying that but for his (Porter's) exertions

New Orleans, Gen. Butler says : To make Welles' letter an answer to the charge of your running down characteristic Republican speech, to the passes seems a very lame ex-

> First, Because Welles was not there and did not know anything about the matter, except what you wrote him;

Second, Because that letter was only drawn out by and founded upon your own false and bombastic report his fo written and dispatched while you were at Pilot Town on the 25th of April.

General Butler asks why the fact that this report was written twentyfive miles down the river away from nal Convention the forts was concealed from official reports to prove that this was the fact. "The fact is," says the general, "that instead of aiding in the capture of the city, you were the only obstacle in the way of the capture of New

> manner upon matters of a per-sonal nature, brought out in intern. views between Admiral Porter and

> > I fear that I have done you what

you could not do for yourself-im

mortalize you; for I have given your

name to a beasting, vain-glorious,

calumnatory lie. Hereafter forever

I shall never refer to these matters

.

it shall be called a "porter."

He says in conclusion :

dotes remaining and any shift are juncted and any shift are in that state one of the that state one of the stary white of New ily preserved in little story

the battle of Mor tor a curtain John Vance. Wash-on, with his staff, was quartered be farm house. A daughter of the for was seriously ill in an upper n. As soon as Washington heard he gave orders that no guns old be fired or drums beat near the

uring supper he set the example ing sopper to bis efficients by conversing undertone, refiring as soon as the was finished, to his own cham-sideh adjoined the dining room. tor he had gone, however, a of the young men rose, tting their orders, they began aing and laugh uproariodaly. Instant ming and laugh uproariodaly. Instan-midst of the fun the general's door opened softly, and Washington en-tered the room and walked noiselessly, on tiptos.

on tiptos. The crossed to the fireplace, took a book from the mantel shelf, and as silently returned without a word, nod-ding a smiling good night as he closed the door behind him. The officers stood ashamed and re-buked, not only by his consideration for the sick girl, but by his gentle courtesy of allence toward them-selves.

selves. It was the age of fine and stately manners, and the bearing of this, the noblest of gentlemen in that age, is worthy of study now, when careful and fine courtesy of manner is no longer so striking a characteristic of the time.—Youth's Companion.

the time, - Youth's Companion. • Ber Heitaday's Rehing Ness ornical ineidant, which once fell to the fortune, or, rather, misfortune of Ben Holladay. It was in the early days, long before railroads, and when staging neross the plaine was in its prime. Holladay had occasion to make the trip overland, and was ec-companied by his wife. He was not any lous to have it known that he was making the trip, because the road agents, awars of the fact that Holla-tary was a rich man, might take it into their heads to captor him and hold him for a rangom. The fourney continued for several days without incident, but, one night, the stage stopped, and Holladay was startled by the curtains being pushed ands and an ugty carbins throas toto his face, with bacommand. "Put up them handst" As the siteation did not admit of argument, "them hands" went up with alactity. Mrs. Holla-day was sound asleep, bliefully un-conscious of the fact was a band of road agents had possention of the singe.

Suddenly it occurred to Ben th Ira, Holladay might wake up and m by seene, and so o still further i his nose. T in Holls & until in d

1

# THE TIGENS TENDER IPOT.

NO.

out in the jur find a tiger w adar or the beast by himself ant he took with him Server and the server

As he was lookin ide to side a large the thick undergrow partial in advance of eyes fixed full on the ing into his eyes, hand cautionally be his servant in a low his riffe. The Him riffe. The of his master. Hill handed to him, Hill any response. becoming rathe was evidently r was evidently roth get at him, Hill, himself, turned his himself, tarned his head to his servant was, but the cou low had evidently fied at sig dreaded beast. The bruta, only been kept in check by into grase of the white man stant advantage of Hill's h tarned aside and made a spi incourt in front of him.

ing just in front of him. Hill had no time to lose in what was best to be ever, with rare pr aimed a blow at th most sensitive part body-and, luckily mark. This blow of werve somewhat in his a just struck Hill's arm wi powerful paws and van

24

everille, 1:85 a m; relating, conville, 0:00 a m; arriving 1, 5:30 p m; passinger conch

Raleigh via Clarksville and daily, \$000 p m; 05 pm; arriver Clarks-m; Oxford, \$30 p m; 2,30 p m; Durham, 10;80

18 a m; Keynville,

r Fayettoville.

to and 51 make close conne i University Station with trais of from Chapel Hill, excep

LEEPING-GAR SERVICE. a traine 60 and 51, Pullman Ba-diverse Atlanta and New York anabaro and Augusta, and Green Ashayilke, and Morristown

LEXINGTON, N.C.

a Dankina Sup

practical experiments with cattle, on increase, and there is now no reason 6. Investigations on the growth of hugardous to assert that in ten years, new crops for this climate, in com- one-half of the commercial fertilizer

parison with those we now have. 7. The construction, of the silo, and value of ensilage. The more than the solution of the sold in North Carolina will be made

the using the different feeding stuffs. 9. Investigations in the production of mills and important branches of the station's work. Numerous field experi-ments have been made with various of milk and butter under different

conditions, and with various implecrops under different conditions of nents. 10, Digostion experiments with the results of these experiments are

tock, to ascertain the value of vari- published in full, they must prove of

stock, to accertain the varies of varie oue food stuff. II. Experiments with the various foeding rations to ascertain how fur the feeding standards can be relied on.

 and 60, Puttranii Duffet Sleep-win Montgronezy, and Do-win Montgronezy, and Do-w and has been a part of the Station)
bitter Signal Service. The work higher includes the service of the could waves, protecting fruit and tobaction interests.
2. A foreknowledge of the could gradies to be of benefit in the service of the could waves, protecting fruit and tobaction of the could waves, protecting fruit and tobaction terests.
3. A foreknowledge of the could gradies to and utilised by the animal, A well arrenged building has been ersted for fairly apperiments, and it is expected that the results will prove thight from transmitted the state. The degrad to high the map ply, and large monthlies are brought results there are brought and there in the waves of that in the states. Good butter finds a really asie in the degrad to wave at the states.

artin Dreidunt. "4. The collection of variant, my ply, and large quantities are broughed to a sector other actes. Good batter for a constant period into of the various difinition is really sets in the degree formation is really sets in the degree formation.

cheminst and thus in actanding the fale.

The uniform and the close of the dama sets process.

entrie ting the seriest of the of a Unremove during surgers of during the groupin.

missioner of School ; W. M. H. Lahn, Washington reporters, General Butthe value of the various forage crops. why it should not continue, it is not for Member of the Board of Public Works.

> On Monday night a Chinese play, in the original tongue and enacted by Chinamen, was presented at the Windsor Theatre, New York. It The operations of the experiment was called "Shee Long Tan Moo" -"The Royal Slave."

> > Wood Palp Je An improvement duced in the man jars from wood, p ably increases the the battery soliti all danger from the heretofore sometion of imperfect treading made from ground manner as the w similar untesils, b

in any future newspaper article, but you have another incident in your has been intro-cture of battery which cousider-ower of resisting career, which, if my good health and pleasure still exist, I may feel it my duty to bring to the attention of the country, in order that the people may learn another phase of your character more deeply dyed with cowardice and falsehood than the two which I own pails and is having been treated by im-a which pene-g the jar acid and difficult in ar untesils, b have now considered. The President is a Smoker. When the president went to New York on Federal Memoral Day, he

ler says :

in and dried signs in a compa-in the pulp, ma if it has been and to insure in a thorough po-by the protectiff the consideral tion of each op of the line the se air pressure the and into every p ind into every p 1999

## The Limithest Store

time about 18 ) Democrat w managemont of has ever used 0

his coat pockets were lined. In a dasod way the chaimona grinned and said : "Thunks, Mr. President ! They ought to last you almost until you get to Washington !" This story he vouched for by prominent Brook-typ club man."-Durham Plant.

The estimates mills of the new Asheville Furnitane and Lamb Inantiouring Company with and id still placed in operation with

at thirty days. The

Conserved the bolder of the cardina: "I asy mister, a hair of my much tache is lickling my nose, and I want to except it is please may I put my hand down to do not "Oh, don't mention it," replied the polito road agent, 'I willcorately the polito road agent, 'I willcorately robbed the mucals of that carbine beack and forth on the end of Holladay's nose until the tickling hair was utterly forgetten in the terror of the consequence should the carbine beack and forth on the end of Holladay's nose until the tickling hair was utterly forgetten in the terror of the consequence should the carbine, loaded with a double handful of buckshot, explode before the seratching process was com-plets." Wett Asswered. A train form Pittaburg was on-proaching Chicago. On board was a no could do to attend to his own but ness, which he did without molests ion, until a young man, whose brains in do rolently been devoted to have all necessite, well dressed, copper colored young Indian, who eccemd to have a bit ion, until a young man, whose brains ind ordently been devoted to have plins, hontracted general attention by shouting, with atrange gestures. "The Indian gased at the young man a moment with an all concessied at the sale did, with good pronuncia s noment with an all concessied at the fuir ex domoment in the strouwing inset is own of the plins, hontracted general attention by shouting, with atrange gestures. "The Indian gased at the young man a moment with an all concessied at the fuir ex domoment inset to furger is and the argument inset to furger is and the argument inset to furger term. Maybe the many looking that exp have its core reading time invort w previous the sale tore its of the argument inset to furger ignered at the young these is is her furger is and the sament with an all concessied at the many looking that exp have its core lighter the sale with a sale. The mass for the sale with the furger is and the sale to the sale with a sale tore

was banqueted by the Brooklyn Club, of Brooklyn. As he started from the tanquet half, the chairman, mys the New York World, "took up a box of very fine cigars and said:

box of very fine cigars and said: 'Mr: President, won't you take a cigar to smoke on your way over?' With a nod the president took a handful and deliberately filled beth upper vest pockets, while the chair-man still held the box at him in an almost dumbfounded way. He was speechless with astonishment. At has he stammered out; 'won't you take another, Mr. President ?' The smooth, especious hand of the great-est Hen again desember into the box and again cime up filled. This time his coat, pockets were lined, In a dured way the chairman grinned

usic in the parion

rooms or conservatoring of a white sponge. I full of rice, canary, I other needs. Thou place low introy dish. The p is, of course, the pret-tion will be. Pone with this sponge will absor-mongh water to alw proge most. In a sh

piece of the nail was from under the micou the same spot by a probe

The lady then conf in the lady then conf habit of biting her fing moreover could remembe or two previous to her th a picco of nail she had he become lost in her mouth had caused a fit of cough forgotten all about it un by the discovery."

The Vasity of Ma It has been often of woman are anuch vulner and the argument has been the fair sex domonstrates burrounding itself with every turn. Maybe the is many looking glasses, but many looking glasses, i the men! What eight have its cigar lighter mirror! What lar in fank its pergeons har ror! What barber sho out a mirror! araished with m urrishing goods mirror! is the