

THE WEEKLY LEDGER.

SATURDAY, - - - - Oct. 12, 1878.

BE CAREFUL! OH, MY SON!

BY MRS. M. A. KIDDER.

You are going away from home, my son,
Be careful how you're led;
For we all must live—so the adage says—
As we have made our bed.

You carry away a boy's true heart,
And a strength through love attained;
Oh! bring us back in its place, my son,
A manhood all unstained.

You're going off from home and friends,
From a mother's loving care—
From a father's counsel wisely given—
From a hearth of praise and prayer!

Going away to the gay bright scenes
That will fire your bounding heart—
That will tempt your untired feet
From the better way to part.

"Whatever we sow we reap," my son,
Be it grains or noxious weeds—
Be it laurel wreaths or cypress boughs;
Then scatter the goodly seeds!

THE GREAT WALL OF CHINA.

The great wall of China was measured in many places by Mr. Unthank, an American engineer, lately engaged in a survey for a Chinese railway. His measurements give a height of eighteen feet and a width on the top of fifteen feet. Every few hundred yards there is a tower twenty-four feet square and from twenty to twenty-five feet high. The foundation of the wall is of solid granite. Mr. Unthank brought with him a brick from the wall, which is supposed to have been made two hundred years before the time of Christ. In building this immense stone fence to keep out the Tartars, the builders never attempted to avoid mountains or chasms to save expense. For thirteen hundred miles the wall goes over plain and mountain, and every foot of the foundation is in solid granite, and the rest of the structure is solid masonry. In some places, the wall is built up smooth against the bank, or canons, or precipices, where there is a sheer descent of a thousand feet. Small streams are arched over, but on the larger streams the wall runs to the water's edge, and a tower is built on each side. On the top of the wall there are breastworks, defences facing in and out, so that the defending forces can pass from one tower to another without being exposed to the enemy on either side. To calculate the time of building, or the cost of this wall is beyond human skill. So far as the magnitude of the work is concerned, it surpasses everything in ancient or modern times of which there is any trace. The Pyramids of Egypt are nothing compared to it.

THE KING OF SINE.

Senegambia, as the term is now used by geographers, comprises the whole of that region of Western Africa lying between the River Senegal and the British colony of Sierra Leone, and extending from the Atlantic to the Deserts of Sahara and Soudan. Its area is not far from 250,000 square miles, with a population vaguely estimated at 9,000,000. It includes the French colony of Senegal, which has a population of about 100,000. The English and Portuguese also have small trading settlements, but French influence predominates along the coast, and to some extent in the interior. The population consists of the aborigines of the country of Moors, and the offspring of the two races. They are of middle stature, well formed, and of a light copper color. They are for the most part Mohammedans, and are much further advanced in civilization than the black tribes adjacent to them. They live under regular governments, generally consisting of a king and hereditary nobility who possess many slaves. There are about twenty of these native States. One of these is the kingdom of Sine, whose king is called Boukakkilas. He is on good terms with his French neighbors, who describe him as possessing decided intelligence, and of remarkable shrewdness in his dealings. The special insignia of his royal dignity is the "cath-lance," upon which subjects swear allegiance to him, and which is always borne before him in his marches, and when he seats himself it is planted in the ground before him. He is usually accompanied by a company of musicians, who chant his praises, to the accompaniment of the tom-tom and kettle-drum.

AGRICULTURAL EXPERIMENT & FERTILIZER CONTROL STATION OF THE DEPARTMENT OF AGRICULTURE, CHAPEL HILL, N. C.

With a view to increase the usefulness of the Station, and extend its benefits, attention is called to the following synopsis of its aim and work:

I.—ANALYSIS OF FERTILIZERS.

Samples of every brand sold in the State are taken by the Commissioner of Agriculture and analyzed at the station. The results of these analyses and the commercial values of the fertilizers are published in pamphlet form, and will be sent free to any address, on application. No sample of commercial fertilizer will be analyzed at the station without the previously obtained consent of the Commissioner of Agriculture.

II.—CHEMICALS.

Any farmer in North Carolina purchasing chemicals for composting and home use can have them analyzed free of charge at the station. The sender must, however, prepay the express charges to Chapel Hill. Through the kindness of the President of the Southern Express Company, packages may soon be prepaid from any office in the State to Chapel Hill, although there is no Express office at that place. The samples of chemicals must be selected according to written instructions which will be furnished on application.

III.—SEEDS.

Having secured the necessary apparatus for testing the quality and germinating power of seeds of all kinds, we are prepared to make such tests for any one in the State who will send a proper sample by mail. The sample must fairly represent the lot from which it was taken and be not less than two (2) ounces in weight for small grain, corn, etc., or 100 seeds in number for garden seeds, &c.

IV.—SOILS, MARLS, MINERAL WATERS, &c., &c.

Analyses of this class will only be made when the sender receives the permission of the State Geologist, as by the ruling of the Board of Agriculture they are placed under the department of that officer.

V.

Analyses of Sugar Beets, and other agricultural products will be made as the Board of Agriculture may direct. Other investigations of interest and value to the farmer will be taken up from time to time, as the work of the station will permit.

VI.

Insects injurious to vegetation, when sent to the station will be named, their habits, when known, and the best means of exterminating them given free of charge.

The co-operation of the people and press of the State is earnestly requested, that the advantages of the station may be brought before our farmers, and its usefulness thus extended.

ALBERT R. LEDOUX.

ESTIMATING MEASURES.

It is often useful to have a few approximate data to deduce weights and measures from. Here is a corrected table, which, however, does not aim at great accuracy, but may serve to make a rough estimate when it is necessary to reduce any measures:

A pint of water weighs nearly 1 pound and is equal to about 27 cubic inches, or a square box 3 inches long, 3 inches wide and 3 inches deep.

A quart of water weighs nearly 2 pounds and is equal to a square box of about 4 by 4 inches and 3 1-2 deep.

A gallon of water weighs from 8 to 10 pounds, according to the size of the gallon, and is equal to a box 6 by 6 inches square, and 6, 7 or 7 1-2 inches deep.

A cubic foot of water weighs nearly 63 pounds (more correctly 62 1-2 pounds), and contains from 7 to 8 gallons, according to the kind of gallons used.

A peck is equal to a box 8 by 8 square and 8 inches deep.

A bushel almost fills a box 12 by 12 inches square, and 24 inches deep.

A barrel of water almost fills a box 2 by 2 feet square and 1 1-2 feet deep, or 6 cubic feet.

Petroleum barrels contain 40 gallons, or nearly 5 cubic feet.—*Manufacturer and Builder.*

A Bismarck, Dakota Territory, special says it is reported at Popular River Agency that Sitting Bull was badly wounded, probably fatally, in a quarrel with some of his chiefs.

[Reported for the Ledger.] Orange County Sabbath School Convention.

It was our pleasure to be at Orange Church last Saturday to witness the organization of a Sunday School Convention for Orange County. The programme prepared by the Committee who called the Convention was adhered to as far as possible, and the Committee may congratulate themselves on having set on foot an organization that bids fair to be a success, and that will do much for the Sabbath School cause.

A large crowd had assembled, and occupied seats in the grove.

Mr. W. A. Betts, Chairman of the Committee, read the programme.

"Work for Jesus," was sung by the Orange Sunday School.

Prayer by Rev. Solomon Pool.

Dr. A. R. Ledoux was introduced and made a short but telling speech on the importance and benefit of union work in Sunday Schools. The Bible says a three-fold strand cannot be broken. In politics and everything when any object is to be accomplished, they unite. What better object can there be than that of bringing children to God. We are working in the same great cause. With God as one strand, and each Sunday School as a strand, we will make a rope Satan cannot break. Satan tries to break ropes, not at once, but by strands. In the church, especially, union is strength.

Song: "Star of the East."

Rev. Solomon Pool was introduced and made a most felicitous speech on the "Infant Class," wherein he showed the importance attached to this class by the attention given it in all the large Sunday Schools, North. The babies of to-day will be the next generation. The most intelligent and pious teachers should have charge of this class. The speaker handled the subject ably and gracefully. I wish I could give you every word of it.

Mr. A. Mickle followed, and gave the result of his observation for years on the influence of Sunday Schools over communities.

Mr. Betts called the delegates who were present from the various Sunday Schools, to come forward to front seats, and stated the object of the meeting.

Nine Sabbath Schools were found to be represented.

Mr. E. L. Harris was requested to act as Secretary.

Mr. J. W. Gattis, of Durham, was elected President.

Mr. L. Turner, of Chapel Hill, Vice-President.

Mr. I. D. Hutchins, Secretary.

Reports by the delegates from the Sunday Schools represented, were heard. I condense as follows:

New Hope, Jasper Craig, Delegate. Scholars 80. Teachers 7. This school is reported as in a good condition.

Bethel, R. P. Poe, Delegate. Scholars 75. Teachers 12. Flourishing.

Presbyterian Sab. School, Chapel Hill, Miss Julia Spencer, Delegate. Scholars 30. Teachers 4. Composed mostly of students from the University. Closed vacation. Use International Lesson Papers.

Iron Mine, A. R. Holshouser, Delegate. Scholars 30. Teachers 5. Carried on by students from College. Suffered in vacation.

Damascus, J. W. Pritchard, Delegate. Kept open last winter. Use International Papers. Library 250 volumes.

Orange, I. D. Hutchins, Delegate. Scholars 80. Teachers 6. Opened last winter. Use International Papers. Library 300 volumes. Average penny collection \$1.40 per month.

Methodist, Durham, J. W. Gattis, Delegate. Scholars 180. Teachers 20. Kept open all the winter. Use International Papers.

Mount Moriah, Abel Maddy, Delegate. Scholars 25. Teachers 5. Interesting. Use small catechisms. Bible classes. Interest increasing.

Methodist, Chapel Hill, L. Turner, Delegate. Scholars 80. Teachers 11. Live. Twenty young men in special class, extra. Use International Papers. Use banner system. Penny collection \$5.00 per month. Sing well. Children taught one

hour in singing every Sunday outside of Sabbath School.

Convention adjourned until 2 o'clock. The crowd broke up in groups and partook of the good things prepared for the occasion.

At 2 o'clock the congregation re-assembled and listened to an address before the Orange Sunday School by Rev. Mr. Heitman, on the importance of early training.

The Convention was called to order by President J. W. Gattis.

It was moved and carried that an Executive Committee of three be appointed.

Mr. J. W. Pritchard, Miss Julia Spencer and Mr. L. Turner were appointed.

It was moved and carried that the next meeting be held the 1st Saturday in December next.

Discussion of subjects was next in order.

"How to keep up interest in the Sunday School," was opened by Mr. L. Turner in a very appropriate speech.

Mr. Andrews made a short speech. "How to Study the Bible," Mr. W. A. Betts.

"Ought non-professors of religion be allowed to teach in the Sunday School?" by Mr. Maddy, Mr. Cole and Rev. Mr. Heitman.

New Hope was chosen as the place for the next meeting.

Orange Sabbath School was tendered a vote of thanks for the kind entertainment given the Convention. Convention then adjourned.

Song: "In the Sweet Bye and Bye."

All then joined in "Praise God from whom all blessings flow," and received the benediction from Rev. Mr. Heitman.

All had a good time, and went home pleased with the exercises of the day. Let every school in the county be represented in our December meeting by a delegate armed with a good report of the work in the Lord's vineyard.

E. L. II.

[From the Report of the Commissioner of Agriculture, for September.]

"The importance of having a correct record of various industries of our State, induces me to publish again the list of Tobacco Factories, with the hope that, if not complete, I will receive the necessary corrections:

COUNTY.	No.
Alamance,	4
Buncombe,	1
Caldwell,	1
Caswell,	2
Catawba,	4
Cleveland,	2
Craven,	1
Cumberland,	1
Davie,	16
Forsythe,	24
Franklin,	2
Granville,	40
Guilford,	7
Iredell,	5
Lenoir,	1
Mecklenburg,	1
McDowell,	1
Orange,	17
Person,	6
Rockingham,	23
Rowan,	1
Rutherford,	1
Stokes,	25
Surry,	20
Wilkes,	2
Yadkin,	7
Total,	217

A WOMAN'S LOVE FOR THE BEAUTIFUL.

A woman went into a barber's shop on C street some weeks ago and wanted to know how much it would cost to dye a man's hair and mustache. The price was named and she then asked the barber to get his dye and follow her.

"Why can't the man come here?" asked the barber.

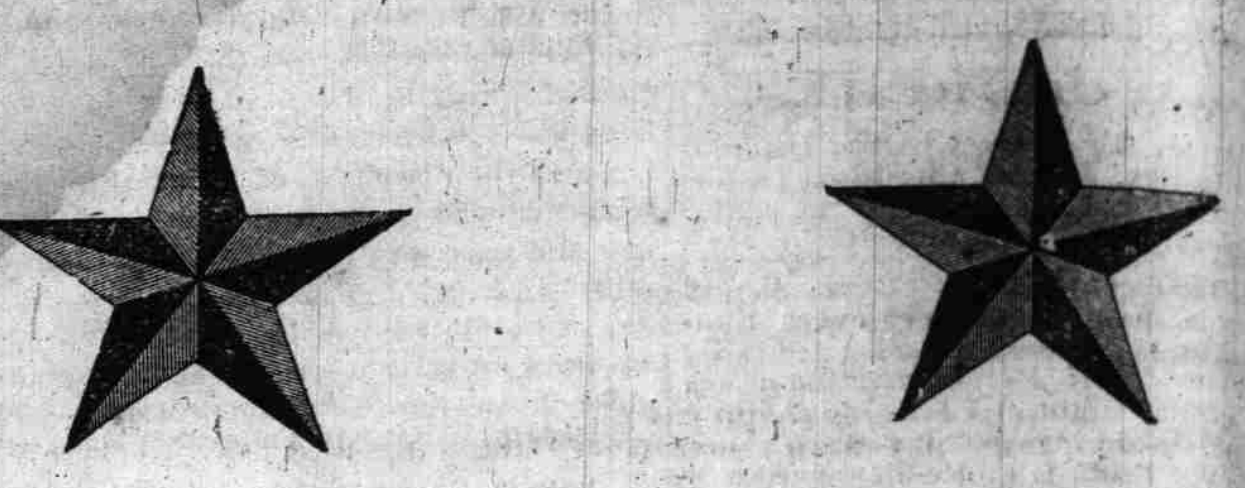
"He's dead," replied the woman, "and the last thing he said when he was passing away was: 'Sally, fix me up pretty for the funeral.' His hair curled beautifully, but was a little gray. It won't look well to see a woman crying round a coffin with an old gray-bearded man in it. So I want him fixed up a little. He was always a beauty when he had his hair dyed. I know I'd want mine fixed that way if I was gray and dead."

The barber dyed the dead man's hair in the highest style of the art, and the widow remarked, when all was over, that "he was the loveliest corpse ever buried on the Comstock."—*Virginia Chronicle.*

Of a blind wood-sawyer—None ever saw him see, but hundreds have seen him saw.

IT IS NOT BIRTH, RANK NOR STATE.
IT'S GIT UP AND GIT THAT MAKE MEN GREAT.

HEADQUARTERS!



For the Best Goods at the Lowest Prices. GAMMON'S, Main St., Durham.

The Largest Assortment and Greatest Variety, at GAMMON'S, Main St., Durham.

Everybody Treated Alike, at GAMMON'S, Main St., Durham.

You find none but Fresh and Reliable Goods, at GAMMON'S, Main St., Durham.

Dress Goods, House Furnishing Goods, and Fine Groceries a specialty. GAMMON'S, Main St., Durham.

The Largest and Most Complete Stock of Goods in the County, at GAMMON'S, Main St., Durham.

Childrens and Misses Hose, and Fine Shoes and Slippers in abundance, at GAMMON'S, Main St., Durham.

Ready Made Linen Suits, all Styles and Prices, at GAMMON'S, Main St., Durham.

Hamburg Edgings and Trimmings in Endless Variety, at GAMMON'S, Main St., Durham.

Everything and Anything you want, at Prices bound to please, at GAMMON'S, Main St., Durham.

THE SEWING MACHINE OIL

at Barbee's Drug Store is said to be superior to any in the Market.

Try it.

FRESH LEMONS AND ORANGES

AT

BARBEE'S DRUG STORE.

The Best 5 cent cigar in the State.

At Barbee's Drug Store.

"Seek no further, For better can't be found."

JUST RECEIVED.

FORTY BUSHELS OF GROUND

PEAS.

ly 13-14 D. MCCAULEY.

TONSorial

ART EMPORIUM!!

THOMAS DUNSTON

HAS FITTED UP HIS

BARBER SALOON,

opposite Barbee's drug store, in the most improved style, and will be glad to see his customers any time He guarantees good work.

Shaving, - - - - 15cts.

Hair Cutting, - - - - 25cts.

Shampooing, - - - - 25cts.

He has a boot-black always in attendance. Give him a call.

apl 18-19

FOR SALE.

About 30,000 brick. Also two one-horse wagons. Enquire of

J. W. CARR,

my 25-19 Chapel Hill, N. C.

W. D. CATES & SON.

Will be pleased at all times to convey passengers to and from Durham at short notice, at any time of day or night. Orders for express and freight promptly attended to.

PRESCRIPTIONS carefully compounded at all hours of day or night, at Barbee's Drug Store.

The Purest Drugs and Best Medicines used.

You can get a Pistol that will tickle a burglar prodigiously 10 to 20 yards for \$3.50, at

Barbee's Drug Store.

A LARGE STOCK OF

BLANK BOOKS,

ENVELOPES, PAPER,

PENS, INK, PENCILS

and COPY BOOKS

At Barbee's Drug Store.

PERFUMERY, TOILET AND

SHAVING SOAPS,

HAIR, NAIL, TOOTH, PAINT,

BLACKING and WHITE

WASH BRUSHES

In great variety, at

Barbee's Drug Store.

D. J. EZZELL,

Watchmaker and Jeweller,

Chapel Hill, N. C.

Watches, Clocks and Jewelry repaired with neatness and dispatch. my 25-19

NOTICE.

My Cotton Gin is now in good order. Marion Cheek will attend to it, and have things done up all right. Price of bagging and Ties \$2. I will pay the highest price for seed cotton in cash or in payment of debts. sep 21-19 J. W. CARR

JAMES SOUTHWATE.

GENERAL INSURANCE AGENT,

DURHAM, N. C.

Large lines of Insurance placed at short notice in first class Companies. Term policies on Dwellings and Farm Property, a specialty.

J. M. ALEXANDER.

ATTORNEY AT LAW,

CHAPEL HILL, N. C.

Collections in Orange and Chatham a specialty.

Remittances made promptly.