

**THE PRECIOUS METALS.**

Gold is Poor Stuff Compared With Some of Them.  
If the wealth of the Vanderbilts be not overstated it amounts to nearly \$200,000,000. With this sum they could purchase 312 tons of gold and have something left over, but they couldn't buy two tons of galium, that rare metal being worth \$3,250 an ounce. With this metal the highest price is reached, and it may well be called the rarest and most precious of metals. Glucium is worth \$250 per ounce; indium, \$458; iridium, \$658 a pound; lanthanum, \$175, and lithium, \$160 per ounce. Niobium costs \$128 per ounce; antium, palladium, platinum, potassium, and rhodium bring, respectively, \$610, \$400, \$120, \$32, and \$512 per pound. Strontium costs \$128 an ounce; tantum, \$144; tellurium, \$9; thorium, \$272; vanadium, \$320; yttrium, \$144, and zirconium, \$250 an ounce. Thus we see that the commonly received opinions as to the most precious metals are quite erroneous.

**SIZING UP THE ECHO.**  
Scientific Measurements of the Transmission of Reflected Sound.

"Did you ever figure on the exact distance that one may be removed from a reflecting surface and yet hear the echo of his own voice?" asks a writer in the St. Louis Republic.

It is said that one can not pronounce distinctly or hear distinctly more than five syllables in a sound. This gives one-fifth of a second for each syllable.

Taking 1,120 feet as the velocity of sound per second, we have 224 feet as the distance sound will travel in one-fifth of a second.

Hence, if a reflecting surface is 112 feet distant the initial sound of an uttered syllable will be returned to the ear from a distance of 112 feet, just as the next syllable starts on its journey.

In this case the first fifth of the second is consumed in the utterance of a syllable and the next fifth of the second in hearing its echo. Two syllables would be uttered from a reflecting surface 224 feet distant, three syllables from 336 feet, and so on within the limit of audibility.

It is evident that a sharp quick sound, the duration of which is only one-tenth of a second, would give an echo from half the distance, or 56 feet.

The above estimates are for a temperature of 61 degrees Fahrenheit, at which the velocity of sound is a little over 1,118 feet in a second. The velocity of sound when the mercury stands at freezing is 1,096 feet per second.

**A Lightning Change Artist.**

Tom Kelly, the ticket seller of Barnum's circus, is as much a specialist in his peculiar line as any, strictly speaking, professional man. The whole process of receiving the money, giving the tickets, and making the change is done in three movements with the regularity of clockwork. The ticket window is about 4 feet above the bottom of the wagon. Mr. Kelly sits upon a high stool, with a large sum of money in dollars, halves, and quarters piled upon the shelf on his right. A corresponding shelf on the left is covered with tickets and half tickets. All this is arranged before the window is opened. A line of several hundred impatiently clamoring people wait outside. Mr. Kelly climbs upon his stool, takes a long deep breath, and opens the window. Money is received in his right hand and dropped upon the floor. The thumb of the left hand has in the meantime pushed a ticket from the pile, and the right hand has selected, mechanically, the change and presented it to the purchaser. No attempt is made to pile up the money received. It is literally dropped, and when the show commences Mr. Kelly sits like a buoy surrounded by a sea of money, the crests of whose waves mount up to and press closely around his waist and almost on a level with the window ledge. After the performance commences, and no more people want tickets, Mr. Kelly closes the window and steps carefully over this bed of money. Then, and not till then, is any attempt made to count and sort this sum, which amounts to several thousands of dollars in pieces of all denominations.

**SCUMPS.**

The foreign born population of New York is computed at 675,000.  
It is said one building at the Chicago Fair will be entirely devoted to pies.  
A California paper tells of strawberries so large that five berries made a square meal.  
A system of electric homoeopathy is said to be successful in curing leprosy. It is used in India.  
The policy of right doing can not be doubted. Every intelligent man and woman must see that in nearly every instance it pays richly and fully for whatever labor and self sacrifice it may involve; and, in the few cases there may be where they can not see this result, most of them have sufficient faith in the law to trust it.

**MOORE, \* NEWTON \* & \* CO.,**

MAKERS OF AND DEALERS IN  
**Harness, Saddles, Whips, &c.**  
COMPLETE NEW STOCK.

Competent Workmen, and Best  
Work Guaranteed.

Prices Reasonable.  
REPAIRING PROMPTLY DONE.

Wall Street, - Oxford, N. C.

**FOR SALE SEPT. 1.**

On Monday, the 1st day of Sept. next, I will sell on the premises the following property to satisfy the taxes due thereon to the corporation of Oxford for the years indicated:

1. Lot of A. Crews, on Grassy Creek street adjoining Capt. A. Landis, taxes for 1888-89.
2. Rena Henderson's tenement lot at corner of Hillsboro and Granville streets, adjoining Sandy Parham, for 1889.
3. H. N. Hicks' residence at corner of Granville street and Herndon Ave., for 1889.
4. Mrs. S. A. Joyner's tenement lot on Hillsboro St. adjoining Ann E. Wright's lot and the colored school house lot.
5. Improved residence of B. H. Cozart, fronting on Broadway, occupied by C. B. Leach; also B. H. Cozart's residence known as Cherry Hill Mansion, situated west of O. & C. depot; also tenement house on Hillsboro street adjoining Rufus Garrett and others; also row of tenement houses belonging to B. H. Cozart, on New College street, adjoining Fielding Knott and L. C. Taylor, for 1888-89.

W. T. LYON, Tax Collector.  
August 9, 1889.

**OXFORD**

**Female Seminary.**

**COLLEGIATE DEPARTMENT.**

Charges per session beginning Sept. 10th, 1890, and ending first Thursday in June, 1891, payable 1/2 on Sept. 10th, 1890, 1/2 Dec. 10th, 1890, 1/2 Mch. 10th, 1891.

- Collegiate English, . . . . . \$40.00
- Latin, French or German, each, . . . . . 10.00
- Music, . . . . . 50.00
- Use of Piano for practice, . . . . . 10.00
- Drawing or Painting, . . . . . 30.00

**PRIMARY AND PREPARATORY DEPARTMENT**

Mrs. M. A. Stradley, Principal, with two assistants.

**COURSE OF STUDY.**

The studies of this department are divided into two classes:  
FIRST CLASS.—Spelling, Reading Geography, Arithmetic.

SECOND CLASS.—Spelling, Reading Geography, History, Arithmetic, Grammar, Elements of Rhetoric.

Special pains is taken with pupils in this Department. A large, airy and cheerful room is set apart for them. This room is furnished with desks, globes, wall-maps, color and form charts.

The text-books and the whole course of instruction are made to bear upon the advanced course of the pupil.

**CHARGES PER ANNUAL SESSION.**

- Tuition (First Class) . . . . . \$20.00
  - Tuition (Second Class) . . . . . 30.00
  - Music, . . . . . 40.00
- For further information apply to  
N. PENICK, President.

**WOOTTON'S**

**—PATENT WIRE—**

**Tobacco Hangers!**

ARE THE BEST,  
Simplest and Cheapest Wire  
Hangers in the Market.

Cures The Leaves Only!

We claim that these hangers are cheaper than any other; are detachable, and any number can be used per stick; insure a uniform barn of tobacco; more tobacco can be cured per barn; tobacco brings better prices; does not bruise; stalk is not cured, saving fuel and time. Any barn can be used. Sample sent with pamphlet for 5 cents postage. Inquire for them of your storekeeper or agent. If they do not keep them send to us.  
Price per 1,000 with sticks, . . . . . \$5.00  
Price per 1,000 hangers only . . . . . 4.50

**AGENTS WANTED.**

**Tobacco Hanger Manuf'g. Co.**

Houston, Halifax Co., Va.

**Nothing Succeeds :-SUBSCRIBE NOW:-**

**LIKE SUCCESS.**



that every disease is

**CAUSED BY MICROBES,**

—AND—

**Rhadam's \* Microbe \* Killer**

Exterminates the Microbes and drives them out of the system, and when that is done you cannot have an ache or pain. No matter what the disease, whether a simple case of Malaria Fever or a combination of diseases, we cure them all at the same time, and we treat all diseases constitutionally.

Asthma, Consumption, Catarrh, Bronchitis, Rheumatism, Kidney and Liver Disease, Chills and Fever, Female Troubles, in all its forms, and in fact, every Disease known to the Human System.

**Beware of Fraudulent Imitations.**

See that our Trade-Mark (same as above) appears on each jug.  
Send for book "History of the Microbe Killer," given away by

J. G. HALL, Druggist,  
Sole Agent for Granville County, N. C.

**Feild & Royster.**

LIFE, FIRE,  
ACCIDENT,  
AND TORNADO  
INSURANCE.

All our companies are perfectly reliable. Losses paid promptly. See our Life Policy before you insure.

**University of North Carolina.**

THE FALL TERM OPENS SEPT. 4.  
TUITION, \$30.

Four regular courses of study, Classical, Philosophical, Literary, Scientific.  
Special courses in Chemistry, Civil and Electrical Engineering, Pharmacy and other studies.  
Separate schools of Law and Medicine, whose students may attend the University lectures. Address,

HON. KEMP P. BATTLE, LL. D., President,  
Chapel Hill, N. C.

**DR. J. E. WYCHE,**

**DENTIST,**  
OXFORD, NORTH CAROLINA.

Pure Nitros Oxide Gas administered for the painless extraction of teeth.  
Office in Herndon Bank Building, Main Street

**DRS. S. D. & P. BOOTH,**

**DENTISTS,**  
OFFICE ON MAIN STREET.  
Our office in the future will be at J. G. Hall's drug store, where all messages should be left. July 22, 1890.

**DR. C. D. H. FORT,**

**DENTAL SURGEON,**  
OXFORD, N. C.

Has recently had his office refurnished and made arrangements for a new gas apparatus for extracting teeth without pain. Office over Haightcock's drug store.

**WHAT IS GOING ON FOR MANY MILES AROUND THE WORLD?**  
ALL UNDEVELOPED TO THIS DAY.  
**THE BEST TELESCOPE IN THE WORLD.** One of the best telescopes in the world. Our facilities are unequalled, and to introduce our superior goods we will send FREE TO ONE PERSON in each locality, as above. Only those who write to us at once can make sure of the chance. All you have to do in return is to show our goods to those who call—your neighbors and those around you. The beginning of this advertisement shows the small end of the telescope. The following cut gives the appearance of it reduced to scale.  
**FREE**  
OUR NEW \$25 Solid Gold Watch. Worth \$100.00. Last good watch in the world. Perfect timekeeper. Warranted heavy. SOLID GOLD hunting cases. Both ladies' and gents' sizes, with works and cases of equal value. ONE PERSON in each locality can secure one FREE, together with our large and valuable line of Household Samples. These samples, as well as the watch, are FREE. All the work you need do is to show what we send you to those who call—your friends and neighbors and those about you—that always results in valuable trade for us, which holds for years when once started, and thus we are repaid. We pay all express, freight, etc. After you know all, if you would like to go to work for us, you can earn from \$250 to \$500 per week and upwards. Address, STINSON & CO., Box 512, Portland, Maine.

**FREE**  
OUR NEW \$25 Solid Gold Watch. Worth \$100.00. Last good watch in the world. Perfect timekeeper. Warranted heavy. SOLID GOLD hunting cases. Both ladies' and gents' sizes, with works and cases of equal value. ONE PERSON in each locality can secure one FREE, together with our large and valuable line of Household Samples. These samples, as well as the watch, are FREE. All the work you need do is to show what we send you to those who call—your friends and neighbors and those about you—that always results in valuable trade for us, which holds for years when once started, and thus we are repaid. We pay all express, freight, etc. After you know all, if you would like to go to work for us, you can earn from \$250 to \$500 per week and upwards. Address, STINSON & CO., Box 512, Portland, Maine.

**The Day.**

Every Afternoon.

Gives all the News

Latest Telegraphic News.

Fresh Home News.  
State and General News

Every Citizen of  
Oxford Should  
Read It.

**FOR OXFORD**

FIRST, LAST,  
All the Time.

A PAPER FOR THE PEOPLE.

40 CTS. A MONTH

\$4.50 a Year.

:-SUBSCRIBE NOW:-

**THE PIEDMONT AIR LINE.**

Richmond & Danville R. R. Co.

Condensed Schedule, in Effect Jan. 5, '90

TRAINS RUN BY 75° MERIDIAN TIME.

**SOUTHBOUND.**

DAILY.	No. 50.	No. 52.
Leave New York . . . . .	12.15 a m	4.30 p m
Leave Philadelphia . . . . .	7.20 a m	6.57 p m
Leave Baltimore . . . . .	9.45 a m	9.25 p m
Leave Washington . . . . .	11.24 a m	11.00 p m
Leave Charlottesville . . . . .	3.35 p m	2.55 a m
Leave Lynchburg . . . . .	5.40 p m	5.07 a m
Arrive Danville . . . . .	8.20 p m	7.45 a m
Leave Richmond . . . . .	3.00 p m	2.30 a m
Leave Burkeville . . . . .	5.05 p m	4.29 a m
Leave Keysville . . . . .	5.45 p m	5.08 a m
Leave Danville . . . . .	8.40 p m	8.05 a m
Arrive Greensboro . . . . .	10.27 p m	9.42 a m
Leave Goldsboro . . . . .	2.20 p m	5.60 p m
Arrive Raleigh . . . . .	4.40 p m	9.00 p m
Leave Raleigh . . . . .	4.45 p m	1.00 a m
Leave Durham . . . . .	5.48 p m	2.55 a m
Arrive Greensboro . . . . .	8.20 p m	7.30 a m
Leave Winston-Salem . . . . .	5.30 p m	6.15 a m
Leave Greensboro . . . . .	10.37 p m	9.50 a m
Arrive Salisbury . . . . .	12.26 a m	11.18 a m
Arrive Statesville . . . . .	2.01 a m	12.12 p m
Arrive Asheville . . . . .	7.31 a m	4.36 p m
Arrive Hot Springs . . . . .	9.28 a m	6.10 p m
Leave Salisbury . . . . .	12.32 a m	11.23 a m
Arrive Charlotte . . . . .	2.05 a m	12.40 p m
Arrive Spartanburg . . . . .	4.51 a m	3.38 p m
Arrive Greenville . . . . .	5.56 a m	4.46 p m
Arrive Atlanta . . . . .	11.00 a m	9.40 p m
Leave Charlotte . . . . .	2.20 a m	1.00 p m
Arrive Columbia . . . . .	6.30 a m	5.10 p m
Arrive Augusta . . . . .	10.30 a m	9.00 p m

**NORTHBOUND.**

DAILY.	No. 51.	No. 53.
Leave Augusta . . . . .	6.10 p m	8.50 a m
Leave Columbia . . . . .	10.35 p m	12.50 p m
Arrive Charlotte . . . . .	3.13 a m	5.15 p m
Leave Atlanta . . . . .	6.00 p m	7.10 a m
Arrive Greenville . . . . .	12.35 a m	1.48 p m
Arrive Spartanburg . . . . .	1.39 a m	2.52 p m
Arrive Charlotte . . . . .	4.25 a m	5.39 p m
Arrive Salisbury . . . . .	6.02 a m	7.08 p m
Leave Hot Springs . . . . .	7.50 p m	12.25 p m
Leave Asheville . . . . .	9.41 p m	1.54 p m
Leave Statesville . . . . .	3.15 a m	5.58 p m
Arrive Salisbury . . . . .	4.20 a m	6.43 p m
Leave Salisbury . . . . .	6.07 a m	7.12 p m
Arrive Greensboro . . . . .	7.45 a m	8.40 p m
Arrive Winston-Salem . . . . .	11.40 a m	12.30 a m
Leave Greensboro . . . . .	9.45 a m	11.00 p m
Arrive Durham . . . . .	12.01 p m	5.00 a m
Arrive Raleigh . . . . .	1.05 p m	7.45 a m
Leave Raleigh . . . . .	1.05 p m	9.00 a m
Arrive Goldsboro . . . . .	3.00 p m	12.50 p m
Leave Greensboro . . . . .	7.50 a m	8.50 p m
Arrive Danville . . . . .	9.32 a m	10.20 p m
Arrive Keysville . . . . .	12.20 p m	1.50 a m
Arrive Burkeville . . . . .	1.13 p m	2.40 a m
Arrive Richmond . . . . .	3.30 p m	5.15 a m
Arrive Lynchburg . . . . .	12.25 p m	12.55 a m
Arrive Charlottesville . . . . .	2.40 p m	3.20 a m
Arrive Washington . . . . .	7.10 p m	7.03 a m
Arrive Baltimore . . . . .	8.10 p m	8.20 a m
Arrive Philadelphia . . . . .	3.00 a m	10.47 a m
Arrive New York . . . . .	6.20 a m	1.20 p m

\*Daily. †Daily, except Sunday.

**BETWEEN WEST POINT, RICHMOND AND RALEIGH, VIA KEYSVILLE, OXFORD AND DURHAM.**

54 & 102	STATIONS.	55 & 103
8.00 a m	Lv West Point . . . . .	Ar 6.10 p m
9.40 a m	Ar Richmond . . . . .	Lv 4.45 p m
11.00 a m	Lv Richmond . . . . .	Ar 4.40 p m
1.00 p m	Lv Burkeville . . . . .	Ar 2.45 p m
2.05 p m	Lv Keysville . . . . .	Ar 2.00 p m
2.25 p m	Lv Fort Mitchell . . . . .	Ar 12.58 p m
2.32 p m	Lv Finneywood . . . . .	Ar 12.47 p m
2.45 p m	Lv Chase City . . . . .	Ar 12.30 p m
3.06 p m	Lv Five Forks . . . . .	Ar 12.10 p m
3.20 p m	Lv Clarksville . . . . .	Ar 11.55 a m
3.35 p m	Lv Soudan . . . . .	Ar 11.40 a m
3.50 p m	Lv Bullock's . . . . .	Ar 11.24 a m
3.58 p m	Lv Stall . . . . .	Ar 11.15 a m
4.22 p m	Lv Oxford . . . . .	Ar 10.46 a m
5.00 p m	Lv Oxford . . . . .	Ar 10.00 a m
5.15 p m	Ar Dabney . . . . .	Lv 9.25 a m
5.45 p m	Ar Henderson . . . . .	Lv 8.55 a m
4.22 p m	Ar Oxford . . . . .	Ar 10.46 a m
4.45 p m	Ar Stems . . . . .	Lv 10.16 a m
4.55 p m	Ar Lyons . . . . .	Lv 9.09 a m
5.17 p m	Ar Holloway . . . . .	Lv 9.43 a m
5.35 p m	Ar Durham . . . . .	Lv 9.25 a m
6.39 p m	Ar Carey . . . . .	Lv 8.33 a m
7.00 p m	Ar Raleigh . . . . .	Lv 8.15 a m

†Daily. ‡Daily, except Sunday.

Additional trains leave Oxford daily except Sunday 11.00 A. M., arrive Henderson 12.05 P. M., returning leave Henderson, 2.10 P. M., daily except Sunday, arrive Oxford 3.15 P. M.

No. 50 leaving Goldsboro 2.20 P. M. and Raleigh 4.45 P. M. daily, makes connection at Durham with No. 19, leaving at 6.00 P. M. daily, except Sunday for Oxford, Henderson and all points of O. and H., O. and C., and R. and M. Roads.

Passenger coaches run through between West Point and Raleigh, via Keysville, on Nos. 54 and 102 and 55 and 103.

Nos. 51 and 53 connect at Richmond from and to West Point and Baltimore daily except Sunday.

Nos. 50 and 51 connect at Goldsboro with trains to and from Morehead City and Wilmington, and at Selma to and from Fayetteville.

No. 52 connects at Greensboro for Fayetteville.

No. 53 connects at Selma for Wilson, N.C. Nos. 50 and 51 make close connection at University Station with trains to and from Chapel Hill, except Sunday.

Tickets on sale at principal stations to all points.

For rates, local and through time tables, apply to any agent of the company or to  
SOL HAAS JAS L. TAYLOR,  
Traffic Manager. Gen. Pass. Agt.  
W. A. TURK, Div. Pass. Agt. Raleigh, N.C.