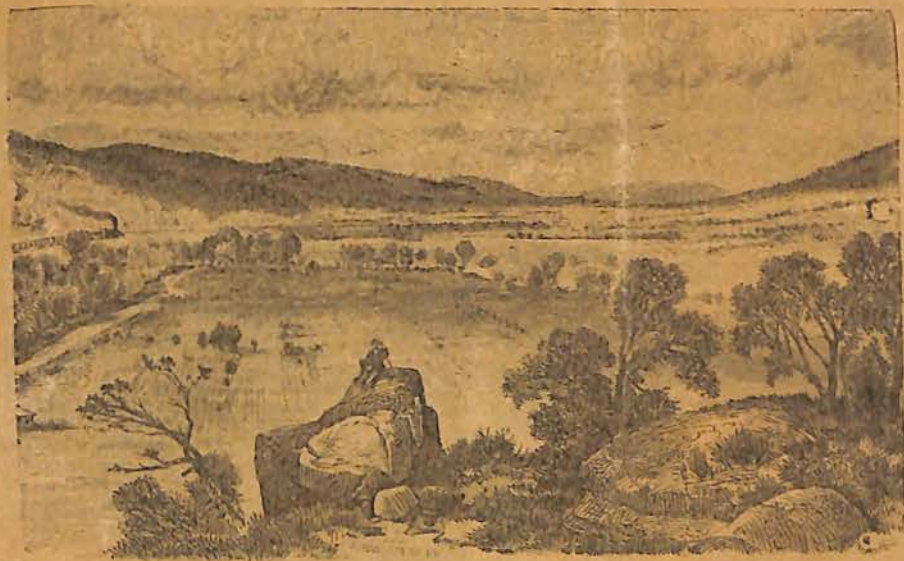


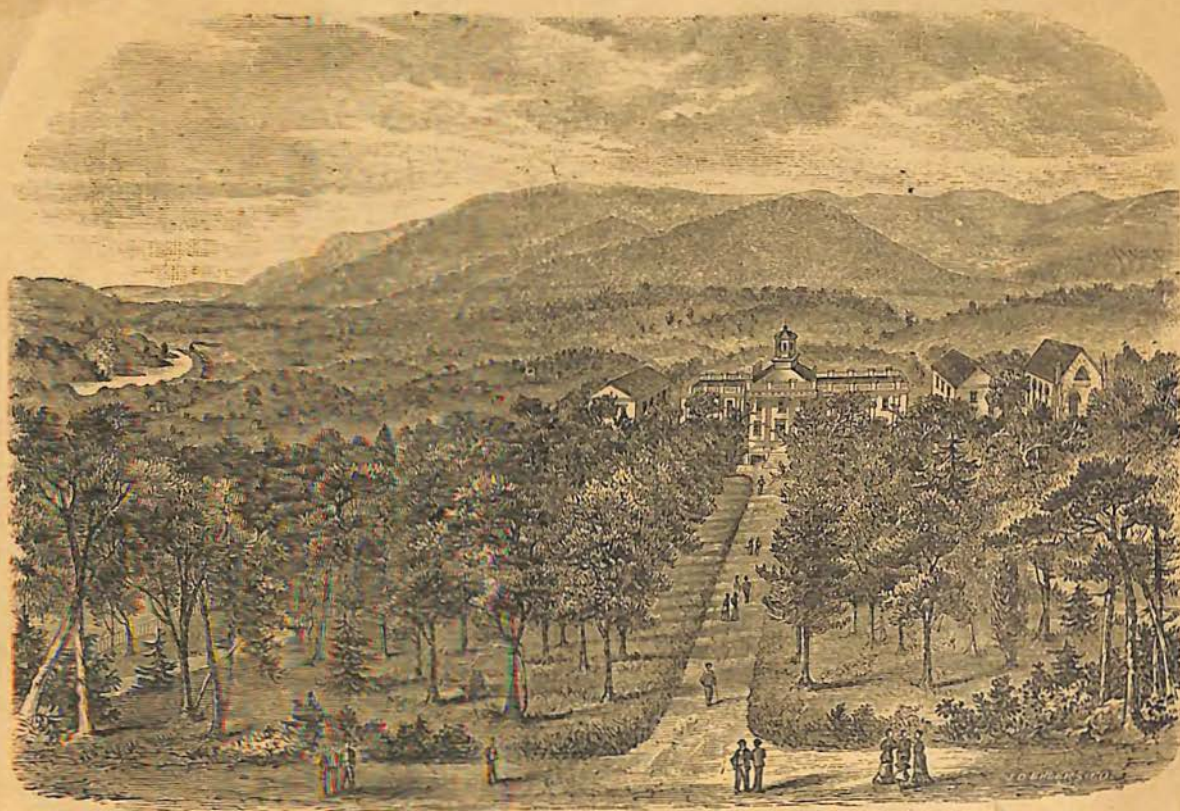
SALEM
—] AND THE[—
ROANOKE VALLEY.

A CIRCULAR OF INFORMATION.



THE ROANOKE VALLEY
(Looking West from Salem.)

SALEM, VIRGINIA:
TIMES-REGISTER OFFICE,
1884.



Roanoke River and Valley. Alleghany Mountains. West Hall. Main Building. East Hall. Library.
 (Buildings of Brick; entire front, 313 feet; from Main Building to Front Entrance, 292 feet.)

ROANOKE COLLEGE, SALEM, VA.

458-1953 J. O. Fishburn
Roanoke Va
SALEM

— AND —

The Roanoke Valley:

A CIRCULAR OF INFORMATION.

Location—Railroad Facilities—Business Interests—
Manufacturing Prospects—Water Power—Min-
eral Wealth—Fertile Lands—Healthful Cli-
mate—Social, Moral, Religious, and
Educational Advantages.

ISSUED BY THE CITIZEN'S EXECUTIVE COMMITTEE.

EDITION, 10,000 COPIES.

Sent FREE to any address on application to J. T. CRAB-
TREE, Secretary of Committee, Salem, Va.

SALEM, VA.:

TIMES-REGISTER POWER PRESS PRINT,

1884.

1st to October 31st, are sold to Salem from leading points North and South.

Additional railroad facilities may be afforded at an early day. The Baltimore and Ohio, with the Valley railroad, extends to Lexington, 52 miles Northeast of Salem. More than half of the construction on this gap has been completed. At its late session (1883-'84), the General Assembly of Virginia granted a charter, with liberal franchises, to the Salem and Southwestern Railroad Company. This new Company will probably unite with a similar one in North Carolina authorized to build a road from Asheville northeast to the Virginia line and Southwest to the Georgia line. The Baltimore and Atlanta Trunk Line will probably be one of the great roads of the future. This road would run through a region rich in mineral resources, forest products, and natural attractions. To Salem it would give the great advantage of competing railroad rates.

Numerous advantages are herein claimed for Salem and the Roanoke Valley, as points for the location of manufacturing establishments of various kinds. These resources and opportunities have been left so long unimproved for want of capital as well as a lack of knowledge and skill in such industries, on the part of the people of this section. The citizens of Salem, therefore, invite the attention of men of the necessary means and experience to the advantages of their town and vicinity. The liberal offers, printed at the beginning of this circular, manifest a generous

public spirit, and give assurance that investors will be treated in a fair and liberal manner.

The Committee refer with great satisfaction to another class of advantages to be considered by those who plant their capital in a new location and take their families to a new home. General attention is here paid to education. Roanoke College, well known throughout the country as a liberal and progressive institution of high grade, draws its patronage from many States. The Public Graded school of Salem has for years maintained a high rank for efficiency. There are also good private schools. Eight miles from Salem is Hollins Institute, one of the leading female colleges of the Southern States. Five denominations, with able pastors, hold regular religious services and maintain Sunday schools in the town. It would be difficult to find a place where people so generally attend church, where the religious sentiment is stronger, or the public moral sense higher. The respect for law and order is so general that the Town Sergeant, the only police officer for a population of 2000, finds but little to do. The people of Salem are broad and liberal in their views and ready to welcome visitors and settlers from any and all parts of our country. Those who come may feel assured of a cordial and hospitable welcome.

Further information will be given and copies of this circular mailed free to any address on application to the Chairman or Secretary of the Committee, Salem, Virginia.

LIBERAL OFFERS.

Furnace and Manufacturing Sites Offered Free.

OFFER OF J. C. DEYERLE, ESQ.

To the President and Members of the Executive Committee of the Town of Salem, Virginia.

Gentlemen: As it is your purpose to bring to notice and call the attention of capitalists of the country to this immediate section of Roanoke county in pamphlet form, I beg to say that I know of no better or surer means of accomplishing your object than in the way you propose, and as an earnest of my co-operation in your endeavors, I now state that I will donate to any capitalist, or organized company, three (3) acres of land along side of the western end of the siding of the Norfolk and Western railroad, at Salem depot, on condition that they will erect a fifty or one hundred ton Furnace, and operate the same; and I will also give five (5) acres of land just beyond the first crossing of the Norfolk and Western railroad of the Roanoke river, and touching the track of this road six miles west of Salem, upon the same conditions as that proposed at Salem depot. This is a beautiful site for any manufacturing establishment. The foundation is firm and above high water mark—an abundance of river or spring water can be had at both places—limestone is in any quantity, and, at the latter site, is not more than two hundred yards off. Other parties here, no doubt, are willing to respond liberally to any manufacturing enterprises, and capitalists need not confine themselves solely to minerals, but Cotton Mills, Paper Mills, and other enterprises could be established. Cotton is near at hand, for this section of Virginia can almost stretch out her hands and gather it from the fields of North and South Carolina. Straw is right here—abundant and cheap for paper making, for Roanoke ranks among the first counties in the State for wheat raising.

And now a word or two as to the outlets and markets for these diversified interests.

(1.) We have the Norfolk and Western railroad running through the entire length of the State, from the city of Norfolk, on the seaboard, to Bristol, in the extreme western part of the State, giving connections with the Western and Southern States; and the Valley railroad, now completed and running as far South as Lexington, in Rockbridge county, Va., (and this road so far completed in way of masonry work and grading from Lexington to Salem that it will require but a small outlay to bring it to the latter place), without doubt, in the very near future, will continue its course southward through Salem, and thence on through the counties of Montgomery, Floyd, Carroll or Grayson to some point in North Carolina, thus opening up the latent resources of those counties, such as iron, zinc, and other metals, which exist in enormous quantities, and developing forests of choice lumber. This road, thus opening up a way to get at the minerals of these counties, can be met at or near Salem by the coke and coal brought down *via* Norfolk and Western railroad from Southwest Virginia.

These reasons, added to the beautiful location of the town of Salem, its healthiness and its fertile land, all conspire to make it attractive and advantageous in the highest degree for capitalists to come and locate their various industries. In view of all these circumstances I am induced to offer the foregoing propositions, and *I mean what I say.*

Yours respectfully.

J. C. DEYERLE.

Factory and Paper Mill Sites Free.

OFFER OF W. M. GRAYBILL, ESQ.

In a note to the Committee on Publication, Wm. M. Graybill says: In order to encourage manufacturing in my community, and to build up the town of Salem, I make the following offers:

1. I will give a site for a furnace or factory on my Bellevue farm, on Roanoke river, one-half of a mile from Salem, to any party who will erect and operate thereon a furnace or factory in which they shall invest at least \$20,000. This site is one-fourth of a mile from the railroad, less than one-half of a mile from the depot, and has excellent sand and limestone on the grounds. This is said to be the best natural location for a furnace in this county.

2. I will give a site for a paper mill, woolen mill or factory, in the town of Salem, on the Lake Spring branch, to any party who will erect and operate such a factory thereon, provided they invest at least \$15,000 therein. This site is within seventy-five yards of the Norfolk and Western railroad, and has a fine supply of clear spring water. Correspondence solicited.

WM. M. GRAYBILL.

Water Power Free.

ANOTHER LIBERAL OFFER BY MESSRS.
GRAYBILL AND TINSLEY.

In order to encourage manufacturing in our vicinity we hereby make the following offer :

We will give a water-right, including the erection of a dam across Roanoke river, and a suitable site (not more than one acre) for the erection of a Furnace, Foundry, Paper Mill, Cotton Mill or Woolen Mill, to any responsible party who will erect a first-class establishment thereon. Provided, that the party accepting this offer will invest at least \$100,000 in such a factory ; and its operation and work shall commence on its erection within twelve months and completed in two years. This site is on either bank of the river, about one-fourth mile southwest of Salem. There is excellent limestone and an abundance of sand at hand ; also large deposits of first-class iron ore, within a mile from which there is a gentle slope to the river.

Correspondence solicited.

WM. M. GRAYBILL,
W. H. TINSLEY.

SALEM !

As Seen by a New York
Journalist.

Her Advantages and Attractions Fully Set Forth in the
"North and South."

The following article, descriptive of Salem, is taken from the March number of the *North and South*, published at Buffalo, New York. The writer of the article, Mr. W. Lewis Gilbert, has been the Southern traveling correspondent of the paper for several years. He is a cultivated gentleman, and is well informed in regard to the South, and was surprised to find so many attractions in Salem and its surroundings :

Salem, the county-seat of Roanoke county, Va., is on the Norfolk & Western railroad, six miles from and west of Roanoke, sixty west of Lynchburg, 260 west of Norfolk, and 240 southwest of Washington, and within eighteen hours of New York City. It has connections with all parts of the country via Shenandoah Valley railroad at Roanoke, and the Norfolk & Western at Salem. The town is one of the prettiest in the State, and is located in the Roanoke Valley, which is situated at the head-waters of the Roanoke river, between the Alleghany and Blue Ridge, at an average elevation of 1,100 feet above the sea. Roanoke Valley is famous for its beautiful scenery and healthy climate. Salem has a population of 2,000, and is a favorite summer resort. The town lies in the beautiful

Valley of the Roanoke, just where "the garden spot of the Old Dominion" is shut in by spurs of the mountains, making its location—with its rich agricultural valley, watered by the Roanoke river, abounding in black bass, brook trout, and red eyes—one of the most delightful spots imaginable.

Salem was laid out in 1802, and was then in Botetourt county. It is now Roanoke county, made by taking a part of Botetourt and Montgomery. Salem should have been the *terminus* of the Shenandoah Valley railroad, as its natural advantages are superior to her sister town. The country around Salem abounds in magnificent farming lands, whilst the hills and mountains are filled with manganese ore, zinc and other minerals, only awaiting capital to develop. Her beautiful situation, her superior advantages, her pure water, the farming country, the immense beds of rich ore that exist at no great distance, should insure a wonderful growth in the future. It only remains for her people to recognize her advantages, and by making the facts known, attract the attention of the millions of capital that is now seeking investment in the South. Keep it before the world—not once or twice, but continually. She has natural resources every way. Make it known and the town will increase. Capital brings immigration and that increases the value of her property and the wealth of her inhabitants.

Salem is growing, but not like her neighbor Roanoke. Still, it is hardly fair to institute a comparison.—

Millions of Northern capital flowed in there, whilst here in Salem that is yet to come. But her citizens are beginning to appreciate her advantages, and are just realizing that there is the making of a "right smart place" in Salem. She has but a few industries, and what there are, are paying. Building material is plenty and low. Living is cheap; rents moderate, with lots for sale in the town at \$50 to \$250 containing one-fourth to one-third acre each. In the business part, higher. The principal business is on Main street—a Macadamized road. As a residence Salem is a very attractive place, and many gentlemen with their families from all parts of the North and South have selected it as a home, as the surroundings generally are so pleasing. The town is built on a series of knobs, and is one of the best drained in Virginia. Three streams or branches run through it, and this gives good drainage the entire year.

Society is refined and elegant, and the love of law and order is a characteristic trait. The people are social and extend genuine Virginia hospitality to all new comers. Glad to see you, and hope the attractions of the place will woo you to remain. The town within the corporate limits extends a mile and a half each way, with well laid out streets and brick sidewalks in principal parts of the town. Postal facilities are good, and where one person was able to do the work a short time ago, it now takes three, thus showing in a marked manner the growth of the town.

The telegraph office is in the same building. Roanoke College is also located here. We refer the reader to another part of the paper, in which we speak of it at length.

WATER-POWER.

One of the most remarkable advantages that Salem has is in her valuable waterpower in the Roanoke river. The altitude of Salem is perhaps 150 feet higher than Roanoke; the river runs through both places. Here it becomes rapid from its great fall. Something above three miles from the town a decline abruptly commences and gradually grows more forcible until it passes out of sight at the point where the railroad crosses it east of the town. All along the river are most complete sites for mills, and factories with ample water-power to run the heaviest machinery. At present there are but two flouring mills and a small foundry utilizing this. In some parts of the river even a dam is not necessary, and simply cutting a race-way would, perhaps, answer the purpose. It is a wonder to us why this power has not been utilized ere this. There are in this locality numbers who were aware of this power, but being of an agricultural turn of mind, did not have time to consider the advantages that have flowed past their very doors for years. Besides, from the very nature of things, had those who recognized this water-power tried to awaken enthusiasm in the matter, it would have fallen stillborn. But now things are different. Roanoke has demonstrated that this valley is

the place for business and manufacturing enterprises. The establishment of a number there, and more to come, has quickened the pulse of the progressive men of Salem, and they are anxious that her merits shall be known, and as far as water-power is concerned, Salem can offer advantages equal to, if not superior to, any other available point. There are a plethora of sites along the river banks that could be utilized, and plenty of power could be secured without incommoding each other. There is a site just below the small foundry, at the blacksmith shop, that has a power equal to the wants of the heaviest manufacturing concerns. It is just before the river runs under the covered bridge. To show how available this power is, we will attempt to illustrate. Say that a dam was constructed of four, or even six feet high (the latter the best), such would not back up on the upper dam used by the flour mill, then build a flume or cut a race-way across the bend to where the land joins the river again, and a fall of fifteen feet could be procured, if not more. We are putting these within bounds—the fall would be greater in the estimation of many. The river, just after leaving the blacksmith shop, commences to make a curve, running under the covered bridge, still continuing the curve for some distance. The space across this projecting land is about 300 yards to where the race-way or flume would empty in the river again, after the water had been utilized, or it could be continued indefinitely. The race-

way should be of sufficient capacity to admit of a number of industries being located thereon. To increase its efficacy a canal some fifteen feet wide and six deep could be built, with storage reservoirs, say at each 100 yards, that would give a wonderful power for use. We are not practical engineers, but it seems to us that Salem has a power in the water course of the Roanoke river sufficient to run many a mill or factory. It appears to be almost limitless, while the land adjacent to the river is level and would make the most complete sites imaginable. An advantage here at Salem is that roads or streets run direct to town from these sites, and there they are only a few rods from where connection could be made with the main tracks of the Norfolk & Western railroad, either above or below the depot. In fact, nature intended the points we speak of as sites for industries, and it only requires capital to build such to reap untold profits and benefits to all concerned. The citizens are now fully aware that too long has the town remained inactive, and parties desirous of locating will receive all encouragement, and sites will be donated at many points on the river. The opportunity of the capitalists is here in Salem, for she possesses ample railroad facilities and connections with all parts of the country.

CLIMATE.

We are indebted to S. Carson Wells, A. M., Ph. D., professor of mathematics and natural sciences at Roanoke College, who has been here thirty-four years, for the following

remarks on the climate:

"The elevation of the valley in which Salem lies, though it secures perfect immunity from all forms of malarial disease, and gives a bracing summer climate, does not make its winters as severe as either the elevation or latitude would indicate. The high wall of the Alleghany mountains, which makes the northern rim of the basin, acts as a screen from the north and northerly winds. In addition to the absence of malaria, the climate is characterized by a good degree of dryness and freedom from extremes of heat and cold, giving, of course, relief in all those diseases which are aggravated by humidity and rapid and extreme changes in temperature. The spring opens early, often in the latter part of February. In summer, whilst at midday the thermometer may range, as it does, for a few weeks at a time, from 85 to 90 degrees, rarely a little higher, yet the nights are always cool enough for refreshing sleep. The winters, as already said, are exceptionally mild, ice not often forming to the thickness of more than two or three inches, and this for only two or three brief periods during the season, making the gathering of the annual ice supply rather uncertain."

FARMING LANDS, TRUCKING, ETC.

Such lands can be procured from \$25 to \$100 an acre, and the very finest at these prices. The land produces wheat, corn, oats, hay, tobacco, fruits, vegetables, grapes, etc. The character of the land admits of diversified farming, and in some cases is made to pay \$25 to \$60 an

acre. With improved farming this can be greatly augmented. For trucking purposes these lands are most excellent, and are susceptible of a high state of cultivation by experienced vegetable growers.

To give an illustration of what can be done on these lands we will cite the case of Mr. Duval, of the hotel. He has a garden spot of not quite one and one-half acres, on which he raised, last season, 150 bushels of Irish potatoes, 500 bushels of tomatoes, 100 bushels of turnips, 75 bushels of beets, 20 bushels of onions, 1,500 heads of cabbage, besides peas and beans enough for the season, and a lot of celery. This represents at a cash valuation over \$400, and this is only one case. If the various farms had each a few acres devoted to truck, the increase would be very great. The above case will give Northern farmers an idea of how prolific and profitable this section is. It speaks for itself. We can only say go down and see and you will buy.

SUMMER RESORTS.

The town of Salem has a very fine summer resort, under the management of Mr. F. J. Chapman, a live man and fully identified with the interests of Salem to a very great extent. He is also owner of several fine farms and valuable iron ore deposits. The house is known as the Lake Spring Hotel, and is situated at the point from which the town draws its supply of water. The hotel is located on the main street and in a very picturesque spot, and can accommodate 125 guests; opens for the

season May 1st. Some ten miles from Salem can be found the celebrated Roanoke Red Sulphur Springs, the waters of which are equal, if not superior, to all others, the famous "Monroe Red" not excepted. In congestions, or other derangements of the mucous surfaces, in gouty diathesis, and affections of the kidneys and bladder, in dyspeptic depravities, and especially when the liver is implicated, as well as chronic disorders of the abdominal cavity generally, and in female obstructions, these waters may be hopefully looked to for remedial efficacy. The hotel at this point is located under the shadows of some of the outlying ranges of the Alleghanies, surrounded by a beautiful and luxuriant growth of native trees and evergreens, with spacious grounds and an elevation of 2,200 feet above the sea level. In consequence of this elevation the grounds are well-drained, cool, dry, and without fogs or dampness. The pure, fresh and invigorating air from the mountain heights, the high and dry location of the Springs is highly appreciated by those desiring a change for the purpose of health, novelty, recreation, and to get rid of the wearing activities of business life. Ample arrangements for all ordinary amusements. The medical faculty all over the country speak in the highest terms of this resort, and the testimonials of cures made by these waters are simply astounding. The way to reach these Springs, and the hotel and cottages, is *via* Salem, Va. Mr. Chapman is also proprietor of this resort.

WATER SUPPLY.

The water supplied to the town is considered the finest known for domestic purposes; having but little limesone, it is a soft water. As a drink it is simply nectar. It is secured from a spring a short distance from Main street. This spring has a flowing capacity of 400 gallons per minute, which is 24,000 gallons an hour, and in twenty-four hours amounts to 576,000 gallons. In case of failure of spring, the arrangements are such that the water of the river can be drawn from, affording ample supply at all times. By its own gravity it flows to a force-pump, located on the bank of the river, and which pump is operated by river water power of thirteen feet in a submerged wheel, from whence it is pumped back to a reservoir on a hill that is higher than all the others, except Cemetery Hill, and thence by some four miles of pipes is carried through all the steets of the town, affording running water in all the houses that wish. The works are owned by the corporation. The cost so far has been about \$11,000. The people of Salem are naturally proud of their water supply, and should be.

TAXES, DEBTS ETC.

Taxes are very low, being only eighty cents on the hundred for both town and State. The amount of personal property taxable is \$135,500; real estate, \$396,500;—a total of \$522,000. The town has no floating debt whatever, but has a bonded debt of some \$13,500. \$10,000 of which was incurred in the building of the water works and \$3,500 in

public street improvements. The former at eight per cent. and the latter at six. An offer was made some time ago to take up at par the water bonds, known as ten-twenties, but the holders refused, deciding to hold such as a good investment. A few were surrendered, but that was all. They now command a premium of ten per cent.

This fact speaks well for her financial standing abroad, as these bonds are mostly held by citizens of Richmond and Baltimore. The \$3,500 is held by the bank here. Salem has one bank, kown as the Farmers' National Bank. There are also money lenders.

The court house was built in 1840, and cost some \$11,000. Court is held every third Monday, with Hon. Jas. W. Palmer, presiding judge.—There is also a town hall and a first-class silver cornet band.

FIRE DEPARTMENT,

The fire department is a volunteer one, with Major R. W. Page as chief. They have reels, hose and one hand-engine, and sixteen fire-plugs are placed about the town, which are supplied by the water works, and can readily throw streams of water over the highest buildings. Salem can be considered well protected against fires. Insurance can be effected all the way from three-quarters to one and a half per cent.

NEWSPAPERS.

In February, 1883, Messrs. Crabtree & Denit purchased the Roanoke TIMES from Mr. John S. Patton. On the 7th of March, 1883, the paper was issued under the new manage-

ment as a conservative Democratic newspaper. The paper was enlarged from seven to eight columns, and continued to move on in interest and circulation until August 10, 1883.—At that time the owners of the paper bought out the Salem *Weekly Register*, and receiving Mr. F. G. Webber into partnership, consolidated the two papers into one, and were known as the Salem TIMES-REGISTER. This paper is Democratic and independent, and enjoys the largest circulation of any country paper in this section.—The office is one of the best equipped—with a complete job department—in this part of the State. The firm now is Crabtree, Denit & Webber.—Subscription price of paper, \$2 per year.

The Roanoke *Collegian* is a monthly magazine of 20 28 pages, devoted to the interests of Roanoke College. Like all college papers, it is published only during the session of the college. Subscription, \$1 per year. J. T. Crabtree is publisher and manager.

PUBLIC SCHOOLS.

Education is given considerable attention, and the white schools of Salem have an attendance of 225 scholars, with a capacity of 350. The corps of teachers are of superior talent and are among the best people. Marshall P. Frantz is the County Superintendent, and Wm. M. Graybill President of the white & graded school. There is also a large graded colored school. In the county there are over sixty schools, five of which are graded, having excellent facilities as regards schooling children. Private schools are tolerably well attended also.

DUVAL HOUSE, SALEM, VA.

The town of Salem can boast of as fine a hotel as there is between Richmond and Atlanta. It is three stories and basement, of brick, with two L's extending back 130 feet and a frontage of 100 feet. It is heated by steam from a boiler in the cellar, with pipes radiating to every part of the house. In summer these same pipes do duty by forcing a current of cold air to each room, rendering such most delightful and giving a perfect system of ventilation. A gas works is also attached, and altogether there is over 50,000 pounds of piping used. There are between 40 and 50 rooms, furnished, some in regal style, with bath-tubs and running water. The balconies afford a most beautiful view of the valley and lofty mountain peaks, and the track of the railroad can be seen for miles. The grounds occupied cover about three acres, with beautiful lawn, shade trees, fountain, etc., affording a pleasant retreat for ladies and children. This house is also a summer resort and is open all the year. It possesses commercial advantages, being located on Main street, opposite the post-office and telegraph room; has sample rooms and a 'bus runs to all trains, with a first-class livery attached. It has a billiard room with three tables, and wines, liquors and cigars are dispensed at the bar.

It is the intention to enlarge the office this season to forty square feet, the floor to be laid in tiles, and an aquatic fountain with basins for fish to be located in the centre, thus making it the handsomest hotel

office in the South. It certainly is one of the best appointed hotels in the South and rates are low.

The hotel has much to do with the reputation of a town, and it is certain that the owner and proprietor, Mr. W. D. F. Duval, had great faith in the future of Salem to build such a magnificent property—expending over \$35,000 on the same.

ROANOKE COLLEGE.

GOVERNMENT AND CURRICULUM.

Roanoke College was chartered by the Legislature of Virginia in 1853. It is governed by a self-perpetuating Board of Trustees. The curriculum of four years for the degree of Bachelor of Arts, embraces the studies usually taught in the Freshman, Sophomore, Junior and Senior Classes of American Colleges. French and German are spoken in the class-room, and students are required, at the end of the second year, to write their examination papers in the language studied. The College confers, also, the degree of Bachelor of Science. The aim, in all departments, is to give thorough and practical instruction. Full particulars are given in the Annual Catalogue, which may be had free on application.

PROPERTY.

The College owns 20 acres of land, well located in the town of Salem, the Campus proper being quite attractive. The College has four large brick buildings, the entire front being 313 feet. The library, of 16,000 volumes, the Mineral Cabinet, of over 11,000 specimens, and the Numismatic Collection, are among the largest and

most valuable in the South, and these are being annually increased. A neat and well arranged brick building (in Gothic style) has been erected for the Library by the voluntary contributions of friends. It is called Bittle Memorial Hall, in memory of President Bittle, who gave twenty-three years of most faithful service to the College. This Library is second in size among the College Libraries in Virginia.

The following article on Roanoke College is reprinted from the *North and South* for March, 1884:

This college stands a central figure in the history of Salem, and has been the means of bringing this beautiful town into considerable prominence. Roanoke College was chartered in 1853, and is governed by a self-perpetuating board of trustees. Lately considerable interest is being taken in this college in the section to which it belongs, and at the North it is also becoming better known. This is owing to the opening of the Shenandoah railroad, which gives Salem connection with all parts of the country. Its nearness to Roanoke has also helped to bring it before the people, so that at the present time the college is better known than ever. It is most delightfully situated and has twenty acres of land, with a very attractive campus, as will be seen by the cut given in this issue. There are four brick buildings, embracing an entire front of 313 feet. There are two literary society halls, tastefully and elegantly arranged, which were furnished by students, and in these halls questions

are discussed with an enthusiasm that speaks well for the training that the college affords. The library is in gothic style and is a gem. It contains 16,000 volumes, and in the collection are books from 200 to 400 years old, with an arrangement so perfect that a catalogue is hardly necessary. The mineral and geological specimens are the finest we have seen in years, but they need a building for the proper exhibition of these. As it is, they are cramped for room, and the 12,000 specimens do not begin to show as they would if the college had room devoted specially to such. Specimens are here from our own and foreign countries. The numismatic collection is also large. The philosophical and chemical apparatus is fine. With another building erected capable of containing the above specimens, and also one for a gymnasium which could be used for lecture and commencement purposes, the advantages of Roanoke College would be greatly enhanced.

The courses of study are classical and scientific, with instructions thorough and practical. Field practice in mathematics and geological excursions. French and German are spoken in class rooms and examination papers are written by students in French and German at the end of the second year. The courses are most thorough. The college draws its patronage from all parts of our country and the attendance has increased each session for the past four years. Students for this session are here from sixteen States, Indian Territory and Mexico, including a

number from the North. Graduates are in twenty States and Territories. W. H. McKinney of Indian Territory, a Choctaw, took the degree of A. B. last June, and is the first Indian to graduate at a Virginia college.

The devotion of the faculty of this college is worthy of all praise; they do double work and receive but a scant support. They combine age, experience and the enthusiasm of young life. Prof. Julius D. Dreher, A. M., Ph. D., is President, and is a most remarkable young man. He is a native of South Carolina; graduated in 1871 and 1878 finds himself at the head of this noted institution. He possesses more push and vim than ordinary men, and feels that he has been called to the work and consequently throws the force of his entire nature into the business, and happily with good results. The respectability of labor has always been taught at this college and each session some of the students act as janitors to aid in defraying their expenses. The aim is to make the college good enough for the rich and cheap enough for young men of slender means. The location is very healthy and delicate students become quite robust in a short time. The arrangements made for subsisting students are good. Board in good families, including room, fuel and light, \$15 per month; table board, \$10; good board in clubs, \$7 per month. Entire expenses of nine months, including college fees, board, fuel, lights and washing range from \$150 to \$205; college fees \$60

per session of nine months. The students generally are earnest, hard working fellows. Taken altogether, this college affords opportunities that are second to none in the country.—Many prominent Northern gentlemen have participated in the commencement exercises of the college and by their influence helped on the good work.

Standing within the classic portals of Roanoke College, we could not help thinking of the sensation that must possess the new aspirant for college honors as he first enters; and again what hopes and fears beset the one who had just graduated, after, perhaps, many a struggle in the hard path of economy, that he might reach the goal of his ambition. Struggling youths, and so deserving! What a monument of lasting fame to endow colleges! Here is old Roanoke in its thirty-first year struggling along and maintaining its reputation without a penny of endowment or State aid. The statistics of work done by the graduates of Roanoke and the position attained by the college, alone and unaided, has been most commendable. She needs an endowment so that the panting, eager youth of the South in pursuit of knowledge may achieve an education commensurate with Southern progress otherwise, for it is undeniable that education is the stimulation that builds up barren wastes. Large bequests have been bestowed on Northern institutions, but few, few on those of the South, and here is the field for that man with a heart large enough to recognize the importance of this in-

stitution to the youth of the South to so endow it that he will become a benefactor to his race. An endowment of \$100,000 would place this college in a way to do much good.—Liberal rich men and women of the North, bear this in mind. You have abundant wealth—the South but little. But she has the desire for education, and that fact alone should prove most potent. Those persons who would wish to learn more of this college can procure circulars, maps, diagrams, etc., together with full particulars, by addressing Julius D. Dreher, President of Roanoke College, Salem, Va., or F. V. N. Painter, Secretary.

SALEM AS A HEALTHFUL LOCALITY.

[The following is from the pen of J. J. Moorman, M. D., of this place. Dr. Moorman has been for *forty-five consecutive years* elected as the resident physician to the famous White Sulphur Springs, of West Virginia. He is also the authority of this country on mineral waters. He is the author of "Mineral Springs of North America," and a number of other works; was Professor of Medical Jurisprudence and Hygiene in Washington University, Baltimore, and is a member of several learned medical associations.]

Salem is situated not far from the eastern bank of Roanoke river. It is built upon undulating ground, gently sloping towards the river, and readily carrying thither the surplus water that may fall upon the soil—this contributing greatly to the dryness and healthfulness of the place.

The altitude of the town above the

sea level, is about 1,100 feet, while the mountains that partly surround it, in their irregular heights, are from 1,800 to 2,500 feet, and from 2 to 4 miles distant.

These beautiful mountain ranges in their further extension, somewhat after the shape of a double crescent, form a large portion of the rim of the beautiful valley in which the town of Salem is situated, and include various offshoots from the great Alleghany, which itself stretches across the valley ten miles west of the town, completely isolating it in that direction.

These mountain surroundings on the north, west, and southwest evidently do much to modify the climate of the town and other western portions of the Valley. Tornadoes, or even high winds, are unknown here, while the severity of winter winds, common to this latitude, are greatly modified in their intensity in this locality. The ordinary climate during the spring and fall months, is exceptionally good, the thermometer commonly during these periods varying from the *frost point* to 50° or 60° Fahr. During the summer months its customary range is from 75° to 85°; in the hottest time of the day, it sometimes marks 90° for a few hours only; a temperature above this is rarely experienced. The nights are always sufficiently cool and the air sufficiently elastic for the enjoyment of refreshing sleep. The winters are mild for this latitude, and decidedly so when compared with the same periods of the year in westerly directions; or with the higher altitudes

in neighboring mountainous districts. This is also true in reference to the long range of country lying east and southeast, known as the Piedmont country, situated along and below the southern slope of the Blue Ridge mountains.

The valley in which Salem is situated, has a less annual average of snowfall; the snows are of less depth than in the surrounding country, east, west, or north; and it lies upon the ground for shorter periods.

The climate during the winter months, may be strictly termed *medium*. It is a happy balance between what is generally termed a *cold* or *warm* country.

The thermometer, from the commencement of winter to the latter days of December, as a general thing, ranges from a few degrees below the freezing point to 45° or 50° above zero. January is our coldest month, and ordinarily, it furnishes a few days that are cold enough to occasion ice for the summer's supply of that valuable material. The thermometer ordinarily ranges through these ice periods from 10° below freezing, to zero—and occasionally, at early morning, to from 5° to 8° below. Weather of this low temperature never lasts longer, however, than three or four consecutive days,—and is followed by much more bearable temperature.

The spring season, as defined by temperature, commences comparatively early; often some springing of vegetation is observable in the latter days of February, while in the month of March, a good deal of

gardening may be done, and especially as to planting of root crops.

In all countries of medium latitude marked and speedy thermometer changes take place in temperature in all seasons of the year, but such changes, though often palpable, especially during the fall and winter months, are somewhat less so here than is experienced on the great plains of the West, or even in the rapidly varying temperature of day and night at some of the most distinguished hygienic resorts in our mountains.

The average temperature of the town and the immediately surrounding valley in each season of the year, for fifteen years, by careful thermometrical observation by Dr. C. B. Griffin, to whom the writer is indebted for this summary of interesting facts, has been ascertained as follows, viz: Spring, 56°, summer, 76°, fall 61, winter, 41°.

Average for the year 58° Fahr.

Rain fall during the same period: Spring, 10 inches, summer, 15, fall, 11, winter, 10, making an average of 46° inches of rain fall during the year.

Earliest frost, about October 15th; latest, about April 15th.

Taking the climate of this beautiful valley, *all and in all*, and with an average of the entire year, it must be pronounced very good,—and rarely, if ever, excelled, for the comfortable enjoyment of life and for the preservation of health.

The town and its surroundings, in connection with its elastic and invigorating atmosphere; its abundant supply of pure, living spring water

brought to the door of every one that desires it; its natural drainage of all superfluous water from the surface of the ground; its freedom from fogs, low and marshy ground, stagnant pools, and all generators of malaria, distinctly point it out as an unusually healthy location, and one most desirable for a life time residence; while the fertile land by which it is surrounded, and the rich minerals that lie entombed in its surrounding mountains, invite the farmer and the manufacturer to the expenditure of industry and enterprise.

The location of Salem as a place for the pleasant enjoyment of life and of hygienic safety, has not been entirely overlooked by the people of the South who desire a more healthy summer and fall residence than their own homes afford, and hence for months during these periods, the town is generally filled with such, to its utmost capacity to accommodate.

In connection with this notice of Salem, it may not be deemed inappropriate to refer to the advantages the distant visitor, and especially the invalid visitor may enjoy by selecting this place as his headquarters during the warm season. This advantage consists in the fact of the near proximity of the town—and the easy approach therefrom, to most of the distinguished mineral watering places in the mountains of Virginia and West Virginia.

Its geographical location is on the very border—it would be no exaggeration to say in the *very midst*—of what is generally known as the "Great Spring Region of Virginia."

Almost surrounded by, and from but one hour to four hours ride by rail, to reach the most celebrated mineral fountain in this interesting spring district—including the sulphur waters in all their modifications, and among them, the far-famed White Sulphur, of Greenbrier; the old Red Sulphur, of Monroe, so long distinguished for affections of the chest; the Roanoke Red Sulphur, located on the mountain rim of the valley, and but ten miles distant from the town,—which waters have a great reputation, little if any short of the old Monroe Red, for irritation of the lungs. Coyner's Black and White Sulphur, 12 miles distant; and the Montgomery White Sulphur, 17 miles distant, both by rail. Chalybeate Springs, simple and compound in great variety; a most excellent one of the first variety is found at the Roanoke Red,—and the celebrated Rawley, of the latter character, is conveniently reached in a few hours by rail. The only first-class Saline Springs in Virginia are in this vicinity, viz: the Blue Ridge, one hour distant by rail, and Alleghany and Yellow Sulphur, in about the same time. Then there are the Alum, or aluminated chalybeate waters, embracing the famous Rock-bridge and Jordan Alum, reached in a few hours by rail, together with several excellent springs of the same character of these, within four miles of the town that have not been improved, but whose waters have been often profitably used. To these may be added the famous Hot, Warm, and Healing Springs, with temperatures varying from 85° to 107°, all reached

from here in a few hours, essentially by rail.

The nearness of some, and the ease with which all the above named springs may be reached from Salem, give it, we think, additional claims to the attention of summer visitors to this region.

THE ROANOKE VALLEY.

[The following extract is taken from an illustrated article, by the gifted Edward C. King, in Scribner's Monthly Magazine for April, 1874, page 661-'2. As the article was written just ten years ago, it will be interesting to many to note the almost prophetic words of the author.]

* * * "Climbing over the huge grades which predominate the Alleghanies at this point, and passing through the deep cuts in the rock-ribbed hills near the stations giving access to Montgomery White Sulphur and Alleghany Springs, we came suddenly upon the delicious expanse of the Roanoke Valley, [about 12 miles west of Salem] bathed in the splendid shimmer of an afternoon autumn sun, and faded into delicatest colored shadows where the mountains rose gently, as if loth to leave the lovely and lowly retreat. The vale was filled with wheat and corn fields, and with perfect meadows, through which ran little brooks gleaming in the sun. After crossing the Roanoke river we came into a region covered with fine fields of tobacco, which extended up the hillsides. Just below is the pleasant station of Big Spring, to which we had been gradually descending for some time on the high

cliffs along the side of the Roanoke Valley.

At Big Spring a profusion of iron and copper ore has been found. Salem, the site of Roanoke College, is surrounded by charming hills, and stands in one of the richest agricultural regions in the United States. Throughout the adjacent sections the farmers are very well to do, many owning from twelve to thirteen hundred acres of land, worth \$80 to \$90 per acre. Tobacco and the cereals are grown there in large quantities. Salem and Big Lick [now Roanoke city] just beyond, export immense quantities of cereals. Salem stands at the head of navigation on the Roanoke, and communicates with Weldon, in North Carolina. Here, too, it is hoped that a road opening up the Shenandoah Valley, will connect with the Atlantic, Mississippi and Ohio line.

The wealth of this region is by no means developed yet. Southwestern Virginia proper, which remained so long unexplored, after the Valley and the Potomac shores had been carefully studied, has a grand future. As a field for immigrants who have capital and intelligence, for the better class of large farmers, and for workers in metal, it cannot be surpassed. An empire in itself, with every resource conceivable, it is not wonderful that that warrior, General Lee, boasted that he could carry on the war for twenty years from those western mountains.

General Geological Description of the Roanoke Valley.

BY S. CARSON WELLS, PH. D.

[Prof. Wells has been a resident of Salem for thirty-three years, during all of which time he has been in connection with the College as Professor of Mathematics, of the Natural Sciences, of Geology, Mineralogy, &c. He is, therefore, well qualified to write *knowingly and reliably* of Salem and the Roanoke Valley:]

The Roanoke Valley, in which Salem lies, is an elliptical shaped basin, twenty-two miles long by ten wide, lying about a thousand feet, on an average, above sea level. The basin tilts slightly towards its South-east side, thereby collecting the waters by which it is drained, and discharging them by the Roanoke river through a gap in the Blue Ridge mountains.

The floor of this fine valley is, in general, of the lower Silurian formation whose limestones and shales make it very productive in grasses and grains and of easy culture. The sides of the basin are the mountains between which it lies, which, belonging as they do to two distinct systems, give great geological variety and interest, within a very small compass. On the east, south and southeast, the Blue Ridge, with its outliers sweep around, giving in those directions the formations well defined and well exposed from the granite core of the former to the valley rocks.

The northern and northwestern rim is formed of a triple wall of mountains, belonging to the Alleghanies. First and opposite and

near to Salem, rises the Ft. Lewis, whose dark Devonian rocks, by a long and remarkable fault, are brought down so that the Siluro Cambrian, at their base, abut against and over ride them. Thence across a narrow valley. Mason's Cove, the "lofty Catawbas" rise up with their southeast dipping upper Silurian bands. Again, after an interval of the Catawba valley, narrow, but very productive, especially in grasses, the farthest limit is found in Brushy Mountain. In the southwestern continuance of this mountain into Montgomery county, fine deposits of coal are worked. Here it has been much eroded but is still capped with coal rocks, with some small deposits.

The Roanoke Valley is well watered. The Roanoke river flows through its whole length, with a volume of water which is not subject to great fluctuations, and with a fall which has been already utilized by numerous flour mills, but whose reserved capacity for great work has still to be developed.

In addition to this there are a large number of lesser streams, some originating in bold springs in the valley, others flowing out from the surrounding mountains to the river. The character of the supply of drinking waters is very varied, as might be inferred from the geological formations. Among these are limestone waters, of varied degrees of strength, freestone, chalybeate, alum and sulphur. Some of these have become well-known for their curative powers and are referred to more at length elsewhere.

From this general presentation it will be seen that the formations of this valley are just those which have conferred wealth and prominence upon all sections of the country where they are found. Going even from the wide alluvial bottoms across the large area of well lying limestone and shale lands, we find even the higher and more broken lands of easy cultivation and offering great advantages for what are termed the "smaller industries." On the escarpments of the Blue Ridge and its outliers, wheat, tobacco and apples of remarkable quality are produced. On the opposite border, on the Southeast slope of the Catawba, the grape flourishes, and such experiments as have been made in vineyards have been successful in demonstrating the capacity and certainty of the soil and climate for production. But though the valley has been thus richly dowered in all the elements of agriculture, though every indication points, by the right use of her greater and lesser industries, to a capacity for a population ten fold greater than it now has, yet much remains to be said. Nature has been equally prodigal with her in the gift of mineral resources. Within her borders lie nearly the entire series of those bands of iron ore which have anywhere been worked to profit. The very accessibility of the more rolling lands and the surrounding mountains, together with the character of their uplift, enables these deposits to be developed with comparatively little cost. The comparative freedom of the ores from hurtful ingredients has been establish-

ed by frequent analyses, by the fact of their bearing shipment with a profit to distant parts of Pennsylvania, and by the character of the iron made from them at the Crozer Works at Roanoke and Lynchburg. The ores are, here, persistent in their formations, and as these extend around and about Salem we would have a right to expect them. Developments at a large number of points show these conclusions to be well founded, both as to the quality and the apparently inexhaustible quantities of the ores. At one point in particular rather more than usual developments and examinations have been made. This point is on Poor Mountain, an outlier of the Blue Ridge, and is about six miles from Salem. Magnetic and brown hematite ores are here found far above water level, contiguous to limestone, and but one mile from the line of the N. & W. R. R., and in quantities which would seem sufficient to warrant the erection of works for their reduction at or near Salem.

The Catawba Mountain, though as yet less developed, will be found rich in minerals. Here are found the hematites in several varieties. In one, fossil shells are still lime, and almost abundant enough to flux the ore. A species of dyestone iron ore outcrops at a number of points, with indications of large deposits. Persistently along the whole line of this mountain, as it passes through the county, the two more common ores of manganese, namely, the black and gray oxides show themselves at every flexure of the strata. The Catawba is easily accessible from Salem, the average distance not being more than six or seven miles, with easy grades,

A FRUIT-GROWING REGION.

BY CHAS. B. GRIFFIN, M. D.

[The following article, from the pen of Dr. Chas. B. Griffin, will give an intelligent view of this subject. Dr. Griffin has for many years been a lover of this most pleasant and profitable branch of industry, and knows whereof he speaks.]

It is said that God gave our father in Eden trees pleasant to the sight and good for food, and that Solomon had orchards and gardens; yet, after the lapse of more than 200 years, the cultivation of fruits in this country is but beginning to assume proportions commensurate with its vast importance. The rich and royal man, it is said by Emerson, is he who knows what sweets and virtues are in the ground, and how to come at them. Of the great Southwest Virginia it has been said that "the eye of a traveller in a day's ride may see the elements of an empire." In developing these vast resources, in the occupation of unimproved lands, enhancing their value and multiplying the comforts and luxuries of life, fruit culture cannot be too highly appreciated. As an article of food, fruits, especially apples, have proven to be of the highest value, not only for the aliment afforded, but by adding to the list of comforts and luxuries. In fevers and diseases of the mucous membranes during warm weather, and for good health at any season, their value is inestimable. For cattle and swine, their use has been proven to be not less important than to man. Chemical analysis has proven apples to contain more aliment than

potatoes, and careful trials show their superiority to be as 7 to 5. As to their market value, it has been shown in many sections of the country that farmers can make more from 1-10 acre of their land in fruits than from all their other crops combined. Of apples, 400 bushels may be relied on as an annual crop per acre, and 40 bushels to the tree is not unusual. Peaches, plums, strawberries, and most other small fruits, yield still greater returns. If these figures are said to be unusual, it is so for no other reason than that good cultivation is unusual. Success in this, as in every other farming industry, requires the selection of fruits suitable to climate and soil, good cultivation and eternal vigilance.

In Roanoke we have the climate and diversity of soils suited to the successful culture of all fruits, except tropical. Apples, peaches, grapes, tomatoes, &c., are being grown on a large and profitable scale in several sections of the county, several farmers having large and flourishing canning establishments connected with their orchards, and their goods have a wide and extending reputation. On the southside of our county there is a long range of rough, hilly country, through which Back creek flows. The soil of this section is that formed from the decomposition of primary rocks, and is peculiarly the home of apples. Back creek pippins are not excelled by any other fruit in America, and Northern men buy them here every fall and ship them to England free of duty—thanks to Virginia's great and good Lieutenant Maury. This year, from a narrow section of this valley, two miles long

and two wide (that is to top of mountain from creek on either side), more than \$20,000 worth of apples were sold for cash to foreign buyers; and the Ferguson boys sold their apples, growing on the trees (74 in number), for \$500 cash.

Peaches grow as well in this section as apples, but are not so extensively grown, for want of market facilities. On the Alleghany Mountains and their foot-hills on the west and north side of the county, peaches and grapes have grown for years, and at each end of the county, Tinker and Ft. Lewis Mountain, large vineyards have flourished and good wine successfully made. Through the main valley the Roanoke river flows, from one corner of the county to the opposite. The soil is limestone and alluvial, and fruits and vegetables flourish as well as anywhere, large market gardens and peach orchards being located in this valley. On the river bottom lands, Mr. Jas. Persinger has for years been making wine equal to any of its kind grown anywhere, and has barrels of it from one to eight and ten years old. In the northeast part of the valley, and on the foot-hills of the mountain, large peach orchards have been planted, which for years have been producing fruit equal to New Jersey or Delaware.

We have, then, in our county all the soils of mountain, hill and valley belonging to the Blue Ridge and Alleghany ranges, and, in the opinion of a distinguished Pennsylvanian, who traveled all over our part of Virginia, they are far better than similar regions of that State.

We have then, as proven, all the

essentials for the successful cultivation of fruits, and we have thousands of acres of virgin soil cheap for all who will come and help us in this great work. Our own people are being aroused to the great importance of this industry, and large orchards are being planted in every section of the county. Since, then, there is no other farming industry that pays so well as this, none so important to health, and nothing that tends so much to the culture and refinement of a people, let all give it their encouragement, and soon we may enjoy in every section—

"The breath of orchards big with bending fruit."

Are Republicans Safe Here?

There are some misguided and misinformed persons in the North and Northwest who actually believe that Republicans are not safe in the South—just as if there were not plenty of them here now. Nothing of the kind is ever even thought of here; but as the attention of the committee was called to the frequent misrepresentations on this subject, an inquiry was addressed to a staunch Republican, formerly of Ft. Wayne, Ind., but now a resident of this county, he having purchased a good farm two miles from Salem. The following is his reply:

SALEM, VA., April 4, 1884.

Prof. J. T. Crabtree, Sec. Ex. Com.:

DEAR SIR—A number of people in the North are of the opinion that a Northern man, especially a Republican, is not cordially received by Southern people; that he is just tolerated, and that it is not safe for him to exercise his political rights.

I know not the experience of others; all I can testify to is my own experience; and it affords me pleasure to say that greater hospitality, heartier cordiality and truer kindness could not be shown to any one than I have met with at the hands of the people here with whom I have cast my lot. As to political privileges, I expect to find them as untrammelled here and as free as anywhere in the North, where I have always resided until recently.

Very truly yours,

W. H. RUTHRAUFF.

AS OTHERS SEE US.

FROM MR. CHARLES DUDLEY WARNER, OF
HARTFORD, CT.

[Editorial "Notes on Virginia," Hartford Courant,
July 11th and 13th, 1883.]

After writing at some length of the agricultural importance of Virginia, the fertility of the Shenandoah Valley, the beautiful scenery of the route, and the comfort of the journey, Mr. Warner speaks of the new manufacturing town of Roanoke, at the junction of the Shenandoah Valley and Norfolk & Western Railroads, seven miles east of Salem, and then writes as follows:

"Salem, a pleasant, old-fashioned village of some two or three thousand people, has more natural advantages as to health, sightliness, fertility and picturesqueness, perhaps, than Roanoke, and equal advantages for iron manufacture and railway operations, and it was perhaps chance or management that prevented such a new growth there as we saw at Roanoke. But it has mineral wealth all about it, and its turn of enterprise may come before long.

"The little valley basin in which Salem lies must be something like eleven or twelve hundred feet above tide-water. The Roanoke river winds along the hills on the eastern side. It seems to be a very salubrious place, its water supply is from one of the remarkable fountain springs of which I have spoken, the meadows are rich, the air is pure, and, sheltered by the hills, it has a temperate climate in winter, with little snow; I should think it might be warm in July and August, but in June the atmosphere was perfect. There are for summer retreat, however, several mineral springs and pleasant resorts within easy distance; and half a day by rail and coach will take one to a place said to possess singular loveliness and beauty, Mountain Lake, a sheet of very cold, pure, transparent water, covering an area of fifty acres, with a depth of an hundred feet. It lies near the summit of Bald Knob, at an altitude of 4,000 feet, and surrounded by splendid forest trees, it is said to be exceedingly attractive and picturesque.

"This outline is enough to show that the region is one of great natural beauty. Observation also leads us to say that it is the abode of a hospitable, industrious, and highly moral people. Indeed I do not know any New England town in which the moral standard of living is higher. In Salem everybody has the habit of going to church, and most of the leading religious denominations are represented. It is a town where the domestic virtues thrive and there are no scandals."

On the return trip, Mr. Warner visited the Natural Bridge and Caverns

of Luray. Of these two natural wonders, which far surpassed his expectations, he gives most graphic and interesting descriptions.

FROM DR. A. D. MAYO, ASSOCIATE EDITOR
OF THE JOURNAL OF EDUCATION,
BOSTON.

[Article in the Journal, June 28, 1883.]

After speaking of the settlement of this section of the country—"the Virginia of the future, awaiting its call to the front"—and writing at length of the history and work of Roanoke College—Dr. Mayo writes of Salem as follows:

"We found Salem, Roanoke county, one of the loveliest villages in this land of wonderful beauty—the mountain region of Southwestern Virginia, situated a thousand feet above the sea; it is literally encircled by a girdle of the beautiful wooded ranges of the Blue Ridge and the Alleghanies, with numerous peaks from two to four thousand feet in height overlooking a meadow and upland region of rare loveliness. There are few college towns in our country more favorably situated for health, charming scenery, and friendly society than Salem. * * With one exception Roanoke College is the only institution of the sort in a region as large as the State of Maryland, which is rapidly coming into notice as the mining, metallic, manufacturing, and cattle-grazing portion of the State. The new iron town of Roanoke is only seven miles away, and the whole country is alive with the omens of bright promise for a near future."

FROM REV. WASHINGTON GLADDEN, LL. D.,
OF SPRINGFIELD, MASS. (NOW OF
COLUMBUS, OHIO).

[Extract from Letter in Springfield (Mass.) Republican, June 27, 1882.]

"The next stage took me down the Richmond & Alleghany road to Lynchburg, and thence to Salem, in Roanoke county, the seat of Roanoke College. The Blue Ridge and the Alleghanies here draw close together, but the valley they include is, with reason, declared to be the fairest and most fertile in all Virginia. Such magnificent fields of wheat as are here now turning to gold would make the farmers of the Connecticut Valley open their eyes. Salem is a handsome town of two thousand inhabitants, the neatest and most like New England of any I have seen in Virginia. The College buildings are well represented by lithographs, and all that I saw and heard convinced me that the College itself is, as a prominent man in Richmond to-day remarked, "the place where more education can be got for less money than in any other institution in Virginia." The Faculty are men of good learning and high consecration; they stick to their work on small salaries, some of them refusing tempting offers to better their condition in other places; and they do not, like some other folks, seem to think it a thing to boast of, either. A large share of the students are from the middle class, and the spirit of work and of reliance manifested is truly inspiring. In the baker's dozen of speeches by these young men in the contest for the prize medal in

oratory, and on the Commencement stage, there was a revelation of the temper of the New South that bodes nothing but good to that section and to the whole nation. Without exception, the speeches were brave, manly, forward-looking. The fact that a new day had come to the South was the undertone of all this young thinking; and it was evident enough that these hopeful fellows were ready to spring to the front of the new movement, and make the most of its opportunities. National matters were referred to by most of them, and not one word of bitterness was spoken—nothing that could have given pain to the most stalwart Northerner. In a literary way, the speeches were much more rhetorical than would be heard at Yale or Amherst, and some of them needed not a little chastening; but what they lacked in finish they made up in manliness. On the whole, I was greatly pleased with the indications given by the young men of this College, representing several different States, of the public sentiment at the South. And here let me say, that during a sojourn of ten days in Virginia, after scores of conversations on the cars, in the streets, at the hotels, with black and white, old and young, male and female—with everybody that I could get a chance to talk with—the greater number of which conversations were held with persons who did not know the habitat of the person with whom they were talking—I heard but one speak about the North or national matters whose words were not friendly and generous toward the people of this section."

FROM THE "ILLUSTRATED CHRISTIAN WEEKLY" (AMERICAN TRACT SOCIETY'S PAPER), NEW YORK, APRIL 8, 1882.

"With this sketch the readers of the *Illustrated Christian Weekly* have a view of Roanoke College, and of the upper and narrow part of the Roanoke Valley. [For view, see page 2 of cover of this pamphlet. This cut appeared first in the *Christian Weekly*.] This little valley, lying between the Blue Ridge and the Alleghanies, at an average elevation of 1,100 feet above the sea, is to Virginia, a State rich in the beauty of its mountains and valleys, what the historic Wyoming is to Pennsylvania. Rev. George Muller, of Bristol, England, who visited the College in 1878 to address the students, remarked that the scenery around Salem strikingly reminded him of Switzerland. Wholly sheltered by the surrounding mountains, the Roanoke Valley enjoys a climate milder than that of the more elevated portions of Southwestern Virginia. It is still cold enough to afford Roanoke students occasional sport on their skating lake on the College grounds. The mineral springs of this section, with the beautiful scenery and delightful climate, attract hither thousands of summer visitors, principally from the South."

FROM HON. DANIEL AGNEW, LL. D., EX-CHIEF JUSTICE OF THE SUPREME COURT OF PENNSYLVANIA, BEAVER, PA.

"I take great pleasure in saying that I visited Salem, Roanoke county, Virginia, in the month of June, 1881. I found there a liberality of sentiment, refinement, and culture which evidence a high standard of education. One feature struck me forcibly—the patriotic feeling of all I met there."

Government, Churches and Lodges.

GOVERNMENT, ETC.

The government of Salem is composed of a Mayor and Council, who attend to the wants of the town. They are live men, and have the interests of the place in mind. Col. R. H. Logan is the Mayor, with Z. Boon, R. McClelland, G. Jones Ligon, A. Francis and W. T. Younger as the Board of Councilmen. Capt. J. B. Frier is Sergeant of Police, and J. P. Boon, Water Superintendent.

The court house was built in 1840, and cost some \$11,000. Court is held every third Monday, with Hon. Jas. W. Palmer presiding judge. There is also a town hall and a first-class brass band.

CHURCH DIRECTORY.

Baptist Church, Rev. C. Tyree, D. D., pastor.—Services first and third Sundays, morning and night, and at night on the fourth Sunday. W. R. Whitescarver, Superintendent of the Sunday School.

Episcopal Church, Rev. R. A. Goodwin, pastor.—Services every Sunday, morning and night, except second Sabbath of each month. Robert Logan, Superintendent of the Sunday School.

Presbyterian Church, Rev. E. C. Gordon, pastor.—Services every Sabbath, morning and night. F. C. Burdett, Superintendent of the Sunday School.

M. E. Church South, Rev. L. R. Greene, pastor.—Services every Sunday, morning and night. Jus. Chalmers, Superintendent of the Sunday School.

Lutheran Church, Rev. L. G. M. Miller, pastor.—Services every Sabbath, morning and night. Wm. McCauley, Superintendent of the Sunday School.

LODGES, SOCIETIES, &C.

Taylor Lodge, No. 23, A. F. and A. M., meets the first and second Monday nights of each month.

Roanoke Royal Arch Chapter, No. 8, meets on the first Friday after the full moon of every month.

Salem Lodge, No. 44, K. of P., meets the second and fourth Monday nights of each month.

Roanoke Lodge, No. 100, I. O. O. F., meets every Tuesday evening in each month.

Salem Lodge of Good Templars meets every Monday evening in each month.

REAL ESTATE REGISTER.

We offer the following desirable properties for sale. All contemplating purchases of Farming or Mineral Lands in this section, or Building Lots, Residences, Manufacturing Sites, &c., in this rapidly growing city of Salem, will find it to their interest to call on or address us at our office in Roanoke, Va.

Persons desiring to sell will find it to their interest to place their property in our hands. For terms, call on or address

F. J. CHAPMAN & CO.,
Real Estate Agents.

Nos. 1, 2 and 3—Sold.

No. 4—Price, \$11,720; 182 acres. This tract of excellent land lies half a mile west of Salem, on the McAdam road; is in a good state of cultivation, being especially adapted to the growth of wheat and grass. It is convenient to churches, schools, etc., and has upon it 4,000 peach trees, 400 apple trees, grapes, pears, etc. The buildings are roomy and comfortable. This is one of the most desirable properties in the neighborhood of Salem. Minerals reserved.

No. 5—Price, \$40,000; 400 acres. Withdrawn.

No. 6—Price, \$3,600; 180 acres. A small farm, two miles west of Salem, containing 180 acres, and immediately upon the McAdam road. Lands are in good condition and suitable for grass, wheat or tobacco; good spring, piped to the house; ordinary buildings; four tobacco houses; good neighborhood; small orchard. Minerals reserved.

No. 7—Sold.

No. 8—Withdrawn.

No. 9—Price, \$6,880; 172 acres. A tract of land lying on the McAdam road, half a mile west of Salem; one hundred and twenty acres cleared; finely adapted to wheat, corn and tobacco; amply watered by springs; about 3,000 peach and 1,500 apple trees.

No. 10—Sold.

No. 11—Withdrawn.

No. 12—Price, \$10,000; 95 acres. A tract of land lying sixteen miles east of Roanoke, and three-quarters of a mile from the Shenandoah Valley Railroad; one-fourth cleared; comfortable buildings and good water. This land has upon it large deposits of excellent hematite iron ore, which yields by analysis 56 per cent. metallic iron, and is also very low in phosphorus and silica.

No. 13—Sold.

No. 14—Price, \$3,200; 260 acres. A farm five miles from Roanoke, one hundred acres cleared, and one hundred and twenty in grass. Freestone water in every field. Frame building, with the usual outhouses, two tenant houses

and two tobacco barns. Well adapted to sheepraising. Supposed to contain minerals.

No. 15—Price, \$1,800; 192 acres. Ninety acres cleared, with fifteen in grass. Every field watered except one. Lies one and half miles from the Shenandoah Valley railroad. Large and comfortable log house, containing six rooms; two kitchens; large barn. Abundance of fruit of all kinds for family use. Indications of iron ore are very good.

No. 16—Price, \$8,450; 168 acres. A very desirable farm, lying four miles east of Salem, on the McAdam road, and five miles north of Roanoke; nearly all in grass. Two springs, well and pump. Excellent frame building of eight rooms, good barns, stables and outhouses. Peach orchard with five hundred young trees. This is one of the most desirable farms that is upon the market.

No. 17—Price, \$4,000; 12½ acres. A very desirable location for a truck garden. One quarter of a mile from the corporate limits of Roanoke, very good dwelling of seven rooms, part brick and part frame, with stable and several outhouses. Excellently watered.

No. 18—Price, \$31,500; 252½ acres. Sold.

No. 19—Price, \$2,800; 175 acres. Sold.

No. 20—Price, \$4,500; 146½ acres. Lying two and a half miles from Shenandoah Valley railroad, and one and a half miles south of Hollins Institute, all cleared except about eight acres. Finely watered. Seventy-five acres in grass. Young orchard of apple trees. Good building with four rooms. Stable and other outhouses. One half cash, balance in six and twelve months.

No. 21—Price, \$6,000; 1 acre. Sold.

No. 22—Sold.

No. 23—Sold.

No. 24—Withdrawn.

No. 25—Price, \$18,000; 300 acres. Situated two miles south of Salem, recognized to be one of the best farms in Roanoke county; 240 acres in cultivation and the balance in timber; 150 acres in blue grass and clover. Admirably watered at the house and over the whole farm. Large portion Roanoke river bottom land. First rate farm house with six rooms and two rooms in the yard. Kitchen, barn, stable, etc., all in good repair, convenient to schools, churches and mills.

No. 26—Price, \$12,000; 217½ acres. This farm lies upon Roanoke river, 3½ miles south of Roanoke; 180 acres in cultivation and 25 in timber; 80 acres bottom lands, balance rolling. This farm is excellently watered with well, springs and creek. Orchard of apple trees. Good log dwelling house of five rooms, another of three rooms. Large barn with grain garner and stabling for eighteen horses, tobacco barns, blacksmith shops, etc. Will be sold as a whole or divided to suit purchaser, prices to vary according to the land taken. One-half cash, balance in one and two years, with interest. One-half mineral rights reserved.

No. 27—Price, \$2,650; 18½ acres. A tract of land lying on the McAdam road, one mile southwest of Hollins Institute and three miles from railroad station. Two brick houses, one with six rooms and the other with two. First rate outhouses. Abundance of pear-trees of all kinds. Two wells and a creek flowing through the place. Also 240 acres of mountain land will be sold cheap. Good indications of minerals.

No. 28—Price, \$900. Sold.

Nos. 29, 30, 31, 32 and 33—Sold.

No. 34—Price, \$2,000; 80 acres. Tract of land near Owen's tank; 30 acres cleared, balance in timber; 15 acres in grass; common dwelling; three tobacco barns, good stable, and well watered.

No. 35—Price, \$2,500. House and lot on Church street, sixty feet front and running back over two hundred feet; two story frame dwelling, eight rooms, best location in city for residence.

No. 36—Price, \$16,000; 820 acres. The finest farm in Franklin county; 400 acres in the highest state of cultivation, balance in timber, large amount in bottom land; water in every field; five miles from depot; four good dwellings, good barn, 6 tobacco barns. This farm is near Gogginsville, on the waters of Blackwater creek.

No. 37—House and lot containing 2½ acres in the town of Salem; frame dwelling containing eight rooms and all necessary outbuildings. Can be watered by city water works. Terms, \$200 cash, balance in four equal annual payments, carrying 6 per cent. interest.

Nos. 39, 40 and 41—Sold.

No. 42. Price, \$200; 35 acres. All in timber; 8 miles of Roanoke city; no dwelling.

No. 43—Price, \$1,400; 190 acres. One hundred acres cleared, balance timber; well watered with springs; no dwelling.

No. 44—56 acres. Within five miles of Roanoke city; about 50 cleared, balance timber; all in grass; dwelling, three rooms.

No. 45—Price, \$890; 1 acre. House and lot in Blacksburg, Va., within 8 miles of Christiansburg depot; good well in yard; new frame dwelling, kitchen attached; good orchard—apples, peaches and pears.

No. 46—Price, \$5,000; 100 acres. Fine farm near Cave Springs, Roanoke county, Va.; 75 acres cleared, balance timber; two story frame building, five rooms, two halls; all necessary out buildings; well watered; convenient to churches and schools. This is a very desirable farm.

No. 47—Price, \$1,500; 41 acres. Farm three miles west of Roanoke city, immediately on Salem turnpike; watered with spring; frame dwelling, five rooms, kitchen, good stable and spring house. Terms, one-half cash, balance 6 and 12 months, with interest.

No. 48—Price, \$6,660; 222 acres. Fine tract of land in Botetourt county, on Bedford turnpike, near Lithia depot, S. V. railroad; 200 cleared, balance

timber; all in grass; spring in nearly every field; one mineral spring; frame dwelling, four rooms; stable and granary, tobacco barn and good apple orchard. The location makes this very desirable.

No. 49—Price, \$9,000; 7 acres. Fine merchant mill, with all the latest improved machinery for making high grade flour; finest water power in the State; good dwelling. This property lies within a half mile of the corporate limits of the town of Roanoke, and it is seldom such a valuable property is offered for sale.

No. 50—Marble quarry and six acres of land, \$5,000, or 65 acres and quarry, \$6,500; lying one mile from Troutville, S. V. railroad, and within sixty yards of railroad track; about 47 acres grazing land, balance in timber; four or five springs; common dwelling house; some fruit. We have a sample of the marble in our office.

No. 51—Price \$1,000; 125 acres. Farm near Hale's Ford, Staunton River, about 18 miles from N. & W. railroad, 13 miles from Union Hall depot, on Narrow Gauge railroad; about 70 acres cleared, balance in timber; 15 or 20 acres in grass; common dwelling, four rooms; three or four tobacco barns; considerable river bottom land; supposed to contain minerals. We consider this one of the cheapest properties we offer.

No. 52—Price, \$2,000; 435 acres. Tract lying on the waters of Bradshaw's creek, Roanoke county, Va.; 75 acres cleared, balance yellow pine timber and some oak; 8 miles of Thomas' switch, on N. & W. railroad; finely watered, and several mineral springs; good apple orchard. This land lies within four hundred yards of Moore's saw mill.

No. 53—Sold.

No. 54—Price, \$1,500. Fine tanyard in Salem; building part brick and part frame; bark house and finishing house; about 70 tan vats.

No. 55—Price, 1,000; one-half acre. Lot 101 feet front on Park street, 105 on Railroad avenue, and 105 on wide alley west of Salem avenue. Sold as a whole or in lots to suit.

No. 56—Price, \$1,200. Valuable tanyard property, very desirably located, within one mile of railroad; about 80 vats under roof, and all necessary buildings. Terms easy.

No. 57—Water power on Roanoke river, suitable for cotton mill, paper mill, flouring mill, &c., within three miles of Roanoke city, immediately on the N. & W. railroad, controlling the water of Roanoke river without a dam, and will afford 250 or 300 horse power. This is a valuable property. For terms, price, etc., apply to agency.

No. 58—Price, \$30,000; 850 acres.

No. 59—Price, \$3,800; 14½ acres. Most desirable small farm, one mile from depot, all cleared; 13 acres in grass; running stream through the place; splendid brick residence, brick smokehouse, new frame barn and all necessary out-buildings; splendid orchard; fish pond with German carp.

No. 60—Price, \$3,000; 285 acres. Sold.

No. 61—Fine body of timber land, mostly pine, south-east corner Bedford county, containing 182 acres, ten miles from N. & W. railroad depot; finely watered with springs.

No. 62—Price, \$3,000 cash; 5 acres. A splendid foundry and water-power; best Roanoke river land; the foundry building is a very large one; large shop. This property lies immediately on the Norfolk & Western railroad, about eight miles west of Roanoke. This is very desirable and cheap property.

No. 63—Price, \$10,000; 200 acres. A fine farm, two miles west of Salem, on the McAdam road, two and a half miles from Salem depot and one mile from Merchant's mill; 140 acres cleared, 60 in timber; finely watered by springs, well and river; frame dwelling, six rooms, barn, stable and all necessary out-buildings. Terms, one-half cash, balance one and two years, with interest.

No. 64—Price, \$5,500; about 2 acres. Fine residence in Salem, Va., containing 14 rooms, and also building with four rooms in back yard, stable, ice, wood, coal and servants' house, 2 vacant lots 80 feet front, running back 300; well water and hydrant.

No. 65—Price, \$1 per acre; 11,000 acres. Lying from one to five miles of Norfolk & Western railroad. This land is valuable for timber, tan-bark, etc., and may contain minerals.

No. 66—Price, \$25,000; 200 acres. One of the most desirable farms in Roanoke county.

No. 67—*For Rent*, store in Salem, Va., iron front, finely finished, 22 feet wide by 64 long; large dry cellar; \$350 per annum.

No. 68—Price, \$3,000. Fine business house on Commerce street, 25x76, four large rooms on second floor. This is lot No. 5 (Trout survey), opposite Kefauver's large building. One-half cash, balance in one and two years.

No. 69—Withdrawn.

No. 70—Price, \$3,000. Two story frame building, 36x30, 43 feet front, 320 deep. This property lies within 100 feet of the N. & W. freight depot. This is desirable for almost any kind of business.

No. 71—Price, \$3,000. Two-story blacksmith shop, 42 feet fronting N. & W. freight depot, and about 300 deep. Also, tenemens house; fine well water.

No. 72—Price \$3,600. Large hotel in Salem, Va.; nineteen good rooms; kitchen, four rooms; ice house, stable, two granaries, wood-shed, &c. This lot has 180 feet front and 260 deep, situated on Main street. The building can't be put up for the money, to say nothing of the ground.

No. 83—Two-story frame house on Patton street, new town, 14x20; lot No. 155, 37½ feet front, 200 deep; \$550 cash, or \$600, one-third cash, balance in one and two years.

No. 74—Price, \$5,500; 1,000 acres. Lying on McAfee's Gap, Craig county, Va.; 100 cleared, 900 in timber, 10 in grass; never-failing stream of water;

several springs; frame house, five rooms; grist and saw mill, three stables. This tract abounds in all the various mineral deposits of Southwest Virginia.

No. 75—Price, \$5,880; 196½ acres. Sold.

No. 76—Price, \$3,160; 135 acres. In Layman township, Botetourt county, Va., three miles from N. & W. railroad; 120 acres cleared, 65 in timber, 20 in grass; springs and creek water; log house, five rooms; large granary, stable and all out-buildings.

No. 77—Price, \$2,500; 1½ acres. Lot in town of Gish's, half a mile east of Roanoke city, on N. & W. railroad; good dwelling, with five rooms; good stable, small house, dairy, good pump, good improvements. One-half cash, balance in one and two years, with interest.

No. 78—Price, \$8,400; 420 acres. Fine grass farm, four miles of Salem, Va., eight miles of Roanoke city; 250 in grass, balance in fine timber, mostly white oak; splendidly watered by springs, and running branch through the place; large portion of the above level meadow land; good log building, stables, &c.; several out-buildings. Terms liberal.

No. 79—Price, \$1,000. Lot No. 12, 50 feet front on Salem avenue, 196 feet deep, also fronting on Park street, "Rorer's survey." This is in the most desirable portion of the city for residence.

No. 80—Price, \$350; one-half acre. One mile from Salem, two miles from depot, and four miles from Roanoke; spring and creek water; frame house, four rooms; office, stable, spring-house, orchard select fruit.

No. 81—Price, \$10,000; 5 acres. Fine dwelling in Salem, large, brick, eight rooms and basement; coal-house, smoke-house and all necessary out-buildings. This is one of the prettiest houses in Virginia, situated on an eminence commanding an extended view of the beautiful valley of Roanoke.

No. 82—Price, \$3,400; 8 acres. Fine flour, corn and saw mill on Catawba, Roanoke county, Va.; within nine miles of Salem depot, N. & W. railroad, one mile of Roanoke Red Sulphur; fine water power, never-failing. This is very cheap.

No. 83—Price, \$10,000; 98 acres. The finest small farm in the county, all in highest state of cultivation; all level bottom land; one mile west of Salem, on McAdam road, two miles from depot; forty to fifty acres in grass; well, spring, mill-race, and river water; brick dwelling, six rooms; kitchen, barn, hen-house, good stable, spring-house, fine fruit. One-half cash, balance in six, twelve and eighteen months.

No. 84—Sold.

No. 85—Price, \$10,000; 300 acres. Near Cave Springs, Va., 4 miles from Salem depot; about 225 acres cleared, 75 timber, 70 acres grass; spring and branch water; brick house, 8 rooms; large barn, excellent 4-room out-house, stable, spring-house, and all necessary out buildings. There is no more desirable property in the county than this.

No. 86—Price, 3,600; 17 acres. At Cave Springs, 6 miles from Roanoke,

all cleared ; branch, well and freestone spring ; brick dwelling, eight rooms and basement ; large stable, carriage house, corn crib, spring house, smoke house, ice house, &c. ; one-half cash, balance in 12 months.

No. 87—261 acres. Sold.

No. 88—*Starkey Iron Property*. Situated within one mile of narrow guage road, and within six miles of Roanoke ; fully developed, showing very large deposit of brown hematite iron ore, which analyses :

	No. 1.	No. 2.	No. 3.
Metallic iron.....	57.65	56.63	52.63
Phosphorus.....	.86	.61	.43
Sulphur.....	trace	trace	
Silica.....	3.77	5.61	1.83

For cheap mining, this property is unsurpassed ; for quantity, few equals, and for quality, the analysis above shows. There are about 1,000 acres of mineral rights in this property in fee simple, and fee simple to 120 acres of land. This is in condition to at once commence mining and shipping ore with very little expense. For samples, map, prices, &c., apply to this agency.

No. 89—*Poor Mountain Iron Property*. 2,800 acres. This property lies within less than one mile of the Norfolk & Western railroad, in Roanoke county. This land is fee simple, most of which is in timber. The property is very conveniently situated for furnace location, having an abundance of iron ore and limestone, both of which can be very cheaply mined. The ore is fully developed, showing the following analysis :

	No. 1.	No. 2.
Metallic iron.....	55.140	55.00
Phosphorus.....	8.4009	0.30
Silica.....	8.120	8.12
Manganese.....	1.444	

For samples, map, prices, location, &c., apply to this agency.

No. 90—Two lots, 25x97½ on north Robertson street, and 170 feet west of Jefferson street. This is a good location.

No. 91—Price, 1,700 ; ½ acre. On Roanoke and Day streets, Terry's survey, upon which are two houses, one of four rooms, and one of two rooms ; all new. We think this cheap property.

No. 92—Price, \$3,000 ; 2 acres. Immediately at Gish's and close to depot ; two new frame dwellings, one with four rooms and one with three rooms ; two small houses, one room and kitchen to each, corn house, &c. ; fine rock quarry. One-third cash, balance one and two years, with interest. Contains minerals.

No. 93—Price, \$2,000 ; 2 acres. In the town of Gish's, near depot, new two-story frame dwelling, two rooms and two halls ; contains minerals. One-half cash, balance in one and two years, with interest.

No. 94—Price, \$25,000 ; 503 acres. Near Poague's mill, on head waters of Back creek, 14 miles southwest of Roanoke ; 200 acres cleared, 203 in fine timber ; best freestone water ; new frame dwelling, eight rooms ; about 5,000 pipin

and winesap apple trees, 1,500 bearing, balance three to seven years old. One-half cash, balance in one and two years. The owner will guarantee 10 per cent. upon the investment for the first ten years, and after that 20 to 25 per cent. The growing of fruit, so far as tried in this county, has been the most profitable of any.

No. 95—Price, \$1,500; $\frac{1}{4}$ acre. Good store house on McAdam road, and within a few hundred yards of Hollins Institute, two miles of S. V. railroad, and within one mile of switch; good spring within thirty yards; comfortable dwelling, four rooms. This is a good stand. Terms easy.

No. 96—Price, \$2,000; 29 acres. Five miles north of Roanoke, two miles of railroad; all cleared, all in grass; spring, and branch running through the place; common frame house; all fenced; minerals reserved.

No. 97—85 acres. Six miles southwest of Roanoke, five miles of railroad; all in timber; branch running through the place; small cabin. Can be bought cheap.

No. 98—Price, \$75 per acre; 615 acres. One of the best farms in the valley of Virginia, five miles north of Roanoke, two miles of railroad depot; switch on the place; 515 acres cleared, 66 in timber, 350 in grass; creek and spring water; fine brick dwelling, ten rooms; brick smoke house, spring house, two large barns, large stable, and various out-houses, all under good fence; apple orchard of 1,100 trees, one of 200; two peach orchards, one of 3,000 and one of 9,000 trees; four tenant houses and large canning establishment; minerals reserved. The above is the red lands of Tinker creek, and the very best brick clay.

No. 99—Price, \$7,000. Two frame dwellings on Commerce street, one of four rooms and one of eight rooms; 73 $\frac{1}{2}$ feet front on Commerce, and running back 150 feet to an alley. This is very desirable property, and well located.

No. 100—Two store houses, corner Commerce street and Salem avenue, 57 $\frac{1}{2}$ feet front on Commerce street, and 116 feet front on Salem avenue. There is no more desirable place in the city for any kind of business. For price and terms, apply to the agency.

No. 101—Price, \$52,000; 800 acres. Fine farm, lying within 400 yards of Bonsack's depot, N. & W. railroad; 600 acres cleared, 200 in timber, 500 in grass, 100 in wheat, good well, two fine springs, large branch running through the place, two fine brick dwellings in good repair, 4,000 peach and 350 apple trees, four good barns and all necessary out-buildings, good deposit of manganese. This is very fine property, and seldom such is on the market.

No. 102—Price, \$6,500; 260 acres. Fine farm on the head waters of Layman creek, Botetourt county, Va., 4 miles of depot, N. & W. railroad; 175 cleared, 85 in timber, 35 in grass; watered with springs, and creeks in every field; good dwelling, 6 rooms, and all necessary out-buildings. One-third cash, balance in one and two years, with interest. Apple orchard, choice fruit, cherries, 3,000 peach trees one year old.

No. 103—Price, \$5,260; 130 acres. One-half mile of Blue Ridge Springs, N. & W. railroad, 6 miles of depot; 75 acres cleared, 55 in timber, 25 in grass; watered with springs and creek in every field; good barn, tobacco houses, and all out-buildings; abundance fruit of all kinds. \$3,260 cash, balance in one and two years.

No. 104—Price, 7,000; 180 acres. Fine wheat and grass farm, 2½ miles of Salem depot, in excellent neighborhood; large frame dwelling, eight rooms; large barn and stables, saw mill house, tobacco houses, fine orchard, limestone on place; excellent spring, and creek running through the place; good power.

No. 105—Price, \$7,000; 190 acres. Six miles south of Roanoke, 2½ miles of railroad depot; 160 acres cleared, 30 acres timber, 120 acres in grass; frame dwelling, 8 rooms; large barn, 2 tobacco houses, saw mill, good water power, fine prospects for iron ore.

No. 106—Price, \$4,000; 157½ acres. On Yellow Mountain, five miles of Roanoke; one-half cleared, balance timber, 20 acres in grass, water in every field; good building and all new, good orchard. Terms easy.

No. 107—*Fine Water Power.* On a never-failing stream, less than one-half mile of N. & W. railroad, and three miles of Roanoke, with as much land as may be needed for manufacturing or mining purposes. For price, terms, &c., inquire of the agency.

No. 108—Price, \$20,000; 579 acres. Fine farm in Rockbridge county, on James river and R. & A. railroad, about twelve miles of Natural Bridge station, S. V. railroad, on opposite side of the river; 300 acres cleared, 300 river bottoms, 279 in timber, 200 in grass; well watered with spring branches; brick dwelling, containing eight rooms and covered with tin; barn, stable and orchard choice fruit. One-third cash; two, three or four payments, with interest.

No. 109—Price, \$2,500. Store house and lot on Railroad avenue, adjoining Kimball House, 25 feet front, running back 200 feet to Salem avenue, which gives a front of 25 feet on both avenues.

No. 110—Saw mill and engine for sale; Talbott engine, 20-horse power; Talbott mill, No. 2; Diston's chilled tooth, 54 inch saw; all necessary tools, belts, etc. Will be sold cheap. Apply to this agency for price and terms.

No. 111—Price \$2,500; 7½ acres. About two miles south of Roanoke, on Franklin turnpike; all closed; fine, never-failing spring, good frame dwelling with six rooms, stable, and all necessary out-houses; fruit of all kinds.

No. 112—Price, \$3,200; 105 acres. On the N. & W. railroad, three-fourths of a mile of Blue Ridge Springs, 4 miles of depot, and one mile of switch; 60 acres cleared, balance in timber; 25 in grass, 35 in wheat and corn; well watered with creeks and spring; plenty fruit; \$2,000 cash, balance in one and two years, without interest.

No. 113—Price \$8,200; 240 acres. On Glade creek, Botetourt county, Va., three miles of N. & W. railroad depot; 140 acres cleared, 100 in timber, 80 in grass; spring and creek water in every field; frame house, four rooms, base-

ment with three rooms; large new barn, stable and all necessary out-buildings. One-half cash, balance one and two years, without interest. Abundance of fruit of all kinds.

No. 114—Price, \$7,800; 260 acres. Two and a half miles of Cave Springs, six miles of Salem depot; about 150 cleared, balance in timber, about 75 in grass; water in every field; good frame dwelling, six rooms, and all necessary out-buildings.

No. 115—75 acres. One-half mile of Rocky Mount; 60 acres cleared, 15 in timber, 25 in grass; well watered with three springs; good dwelling, stables, orchard choice fruit; for price and terms, apply to this agency.

No. 116—100 acres. About five miles east of Roanoke, three miles southeast of Gish's, N. & W. railroad, near Blue Ridge church; 70 acres cleared, balance in timber, 30 in grass; well watered with spring in every field; splendid new brick dwelling, 6 rooms, barn, spring-house, and all necessary out-buildings.

No. 117—Price, \$20,000; 300 acres. On McAdamized road, three miles northeast of Salem; about 200 acres cleared, balance timber, 30 in grass; creek running through the place; large brick dwelling with eight rooms, large barn, fine orchard, fine Lithia spring, iron ore. For terms, apply to this agency.

No. 118—Price \$2,500. Residence in Salem, located near Lake Spring. The building is a new brick house, with six rooms; good smoke house, dairy house, pantry house, etc.; fine well of water. The lot contains about half an acre. This is a very cheap property, and very desirably located.

No. 119—Price, \$9,000; 170 acres. This is an excellent grass, fruit and truck farm, very conveniently located, being only two miles from Roanoke, in a good section; has on it a good water power: the buildings are good, consisting of two residences, well-house, barns and many other buildings. This is one of the cheapest farms in our agency, and is offered for less money than it cost ten years past.

No. 120—Price, \$6,500. This is a splendid farm, in good state of cultivation, very desirably located for roads, churches, schools, market, &c.; within 4 four miles of Roanoke and three miles of Salem, and four miles of Hollins Institute, on the McAdam road; the buildings are comfortable and ample; the water is good and plentiful.

No. 121—Price, \$20,000. *Splendid Iron Property and Fine Farming Land.* This is a magnificent iron property, fully developed, showing fine deposit of excellent hematite iron ore, very conveniently located for cheap mining and transportation, either to Roanoke or Salem depot. The land is fine wheat, corn and grass land. The farm contains nearly 500 acres, with perfect title; the buildings are comfortable and ample; water very abundant and convenient; full description, with abstracts of title, on application; the land is worth the money for farming purposes, and the iron ore will not interfere in mining with the farm.

No. 122—Price, \$25,000. 2,200 acres on north fork Roanoke river, in Montgomery county, near White Sulphur Springs; 100 acres of as fine bottom land as is in the State; 800 to 1,000 cleared and in good condition, balance in timber; the entire farm is fine grass land; a good frame dwelling, 12 rooms, and all necessary out buildings, several tenant houses, &c. This is said to be one of the best farms in Montgomery county; five miles of Christiansburg depot, N. & W. railroad.

No. 123—Price, \$2,000; 40 acres. One-half mile Coyner Springs, N. & W. railroad, one mile Bonsack's depot; 20 acres cleared, 18 of which is in grass, 20 in timber; excellent spring water, branch and creek running through the place; no buildings. This is very fine land. One-half cash, balance in one and two years, without interest.

No. 124—Price, \$30,000; 422 acres—*For Sale or Exchange*. One of the finest places in the South, situated on the south point of Dawfuskie Island, S. C., opposite Fort Pulaski, at the mouth of the Savannah river, and 16 miles from Savannah, Ga.; large new dwelling and out-buildings; fronts on the ocean a mile, and sides on a deep river, abounding in crabs, shrimp, oysters, fish, &c.; superb ocean beach, hard as a floor, fine surf bathing; steamboat landing 200 yards from house on river side; fine fishing, shooting and deer hunting; very extensive grounds; eight fine avenues of olive, cedar, oleander and myrtle trees; nearly a mile of beautiful trimmed hedges, four feet wide and high; four large flower gardens, containing quantities of roses, bulbs, &c., and over fifty very large and finest varieties of Camellia Japonica bushes, which bloom profusely all winter. Great variety of trees, palmetto, date, palm, orange, olive, pecan, nut, oleander, magnolia, banana, fig, live oak, &c., &c.; elegant place for hotel; titles over one hundred years old; no mortgage; place in fine order. For terms, views, &c., apply to H. M. Stoddard, Savannah, Ga.

No. 125—200 acres. On the north side of the river, 130 of which are cleared and in a high state of cultivation, naturally adapted to grass; the balance in original timber; on this is an elegant mansion with eight rooms, twenty feet square, including double parlors, kitchen, smoke house, dairy, workshop, green house, four-room cabin and office, all built of brick; also stable, granary crib, carriage house, tenant's house and tobacco houses, of wood. These premises are supplied with abundance of pure spring water, conducted through iron pipes 200 feet by gravitation to the house, and thence to garden for irrigation, and to stable for use of stock. By this fortunate location of the spring, it is not only available for domestic and irrigating purposes, but with small expense in miniature water works, it could be made to render an important service in modern improvements and fire protection. A life of labor and painstaking has been spent on the grounds and surroundings, and a grove of majestic trees, interspersed by a profusion of ornamental shrubbery, give attractions to this property possessed by few country homes.

No. 126—753½ acres, on south side James river, opposite R. & A. railroad, 2

miles from Sipes depot, and same from Salt Peter Cave station, 80 acres partly in timber, and 600 in original growth, mostly white oak, but some cedar, poplar and hickory; one spring; new house, four rooms. This is a fine body of timbered land, and very desirably located.

No. 127—Price, \$2,500. New frame dwelling, with seven rooms, stable and hen house, &c., situated in the town of Salem, Va.; \$1,000 cash, balance three years, with interest.

No. 128—Hampton House, Salem, Va., brick, with 24 rooms, and all necessary out buildings.

No. 129—Price, \$1,200; 100 acres. On Goose creek, Bedford county, Va., 50 acres cleared and 50 acres in timber, $\frac{2}{3}$ acres in grass, water in every field, good dwelling, three tobacco barns, four miles from railroad.

No. 130—Price, \$1,700; 180 acres. Within one mile of Salem, $1\frac{1}{2}$ miles from Salem depot, about 135 acres cleared, about 50 acres in grass, about 45 acres in timber, two good springs and creek, large frame house, large barn, smoke house, spring house, granary, and all necessary out-buildings. This is a very conveniently located farm, and good land in good condition. It is convenient to churches, schools and railroad, and may be divided to suit purchaser.

No. 131—Price, \$3,500; 2 acres. *Tanyard and Plaster Mill*. Immediately at depot, at Bangs, Va., 18 horse power engine (good as new), main building 82x32, two stores, and one building 56x20, two stores, 29 vats, 8 ft. 4 in. x 4 ft. 4 in., 4 ft. 9 in. [deep, two bates, two limas, two fresh water vats, fine stream of running water. The plaster mill pays a profit of over \$300 a year.

No. 132—Price, \$300. Lot in Salem, near railroad; one and one-half acres; some fruit trees; well fenced, etc.

No. 133—Price, \$3,200; 226 acres. Three miles south of Salem, two miles of Salem depot; 100 acres cleared, 100 acres in grass, 76 acres in timber; several good springs, and creek water; brick dwelling, large barn and other out-buildings.

No. 134—Price, \$2,50; 4,500 acres. Twelve miles from railroad; 700 acres cleared, balance good timber; ordinary dwelling and other out-buildings; fine grass and grain land, and finely timbered.

No. 135—Price, \$2,500; 30 acres. Three miles from Salem, three miles of Hollins Institute, six miles of Roanoke; 22 acres cleared, 8 acres in grass, 8 acres timber; good brick dwelling with six rooms, fine spring, large shop and other out-buildings; fine fruit of all kinds.

No. 136—Price, \$600; 14 acres. Dwelling house with six rooms, kitchen, stable, shop with two rooms, and other out-buildings; fine garden and good fruit; situated two miles west of Salem, on McAdam road.

No. 137—Price, \$200; three-fourths of an acre. A desirably located building lot in Salem, fronting on two streets; plenty large for two residences.

Free Water Power and Factory Site is offered, very desirably located on rail-

road, suitable for Paper Mill, Cotton Factory, Furnace or other manufacturing purposes. Address F. J. Chapman, Salem, Va.

Large Iron property for sale low, immediately on railroad, with fine furnace location, plenty of limestone and water and cheap fuel. Iron can be made for less than nine dollars per ton. For analysis, location, &c., &c., address F. J. Chapman, Salem, Va.

Valuable Tanyard and Plaster Mill for sale low,—with two acres of land, engine, plaster mill, large buildings, vats, water, &c., immediately at depot. Address F. J. Chapman, Salem, Va.

11,000 Acres of Land for sale in one body, at one dollar per acre, convenient to railroad. Tan bark alone on it worth the money. Address F. J. Chapman, Salem, Va.

Capital Wanted to build Charcoal Iron Furnaces at point that Charcoal Iron can be made and delivered in Pittsburg or other iron centres inside of sixteen dollars per ton. Address F. J. Chapman, Salem, Va.

[From the North and South.]

Minerals of Roanoke County, Virginia.

It is a well known fact that the sections of country traversed by the Norfolk & Western railroad are rich in minerals and always have been, but owing various causes have never been given that attention that their great value demanded. As regards the richness of the iron mines of Roanoke county, situated as they are almost directly on the line of the railroad, there is no question. The opening of the Rorer iron mine, or rather the operations of the Rorer Iron Co., and the Dunbar Co., at Roanoke City, has demonstrated, to the satisfaction of every one interested, that the ores in this section are, beyond all cavil, equal to any other part of the country. Analysis by the most distinguished chemists and mining engineers all concur in this. These ores have been and are being shipped to Ohio and Pennsylvania, and this is sufficient indication of the cheapness of production, and shows what could be done if furnaces were located on the spot.

In the Blue Ridge range of mountains, running almost parallel with the Norfolk & Western railroad, west from Roanoke, there are immense deposits of ore, rich in iron and low in phosphorus, silica, or other injurious properties, with limestone and water immediately at the place, and coal handy. These properties are fully developed, and are relatively as pure as those mentioned above. One of these deposits is within six miles of Roanoke and one of narrow-gauge railroad, and the other is within a mile of the N. & W. R. R., and six miles from

Salem. We give a fair analysis of two of them, which, for convenience sake, we will call "A" and "B."

Of "A" the result was as follows :

	No. 1.	No. 2.	No. 3.
Metallic iron	57.52	56.63	52.63
Phosphorus82	.61	.43
Sulphur.....	trace	trace
Silica.....	6.03	5.61	183

The analysis of "B" is as follows :

	No. 1.	No. 2.
Metallic iron.....	55.140	55.00
Phosphorus400	0.30
Sulphur	8.120	8.12
Manganese.....	1.444

There are points within a few miles of Roanoke City where experts claim that good pig iron can be made at *nine dollars per ton*, based on the calculation that the iron ore necessary to make a ton of iron can be placed at the furnace at \$3; the coke at \$2.75; limestone, 75 cents; labor, \$1.50; incidentals, 50 cents, and interest on investment, 50 cents per ton. These calculations are considered very liberal. Say that the freight on the pig metal to Pittsburgh and other markets is inside of \$4 per ton; this gives an actual cost of principal markets of only \$13, proving most conclusively that investments in such properties here in Roanoke county are certain to return great profits. The titles are also good and ante-date King George.

Prof. J. B. Gifford, of Philadelphia, and Mr. John Fulton, of the Cambria Iron Co. of Johnstown, Pa., have visited these deposits, and after an examination have pronounced them good. Perhaps there is no region where the advantages are so numerous as at these deposits, and the owners will sell outright or participate in any enterprise projected, or the capitalists can control these properties for manufacturing or shipping purposes on most liberal terms.

Prof. McCreath was commissioned by the N. & W. and Shenandoah roads to visit all points along the road, and secure perfect and positive knowledge of the quality, quantity, and value, so that the roads could be assured of the exact sources of traffic. The work was well performed and satisfied the roads.

Near these properties spoken of above, sections of from 5,000 to 10,000 acres of undeveloped land that may prove very valuable can be bought for \$1 per acre; the tan-bark alone is worth all that is asked for the land and is finely adapted for grapes and other fruits. In some sections in Roanoke county the lands are finely adapted for farming purposes and can be bought for fifty per cent. cheaper than they have been sold for in the past. They are owned by parties who are anxious to have the country settled up, and most liberal terms will be given. Persons wishing to know more of these deposits and lands, will be furnished with full particulars, maps, etc., by addressing the owners, Messrs. Rorer & Chapman, at Salem, Va.

[From the Industrial South, February 26, 1884]

A Valuable Iron Property in Botetourt.

I send a report on an iron property immediately on the Richmond and Alleghany railroad, at Buchanan, Va., and near the Shenandoah Valley and Valley roads. It is a grand location for a furnace, having two coal fields to draw fuel from and a variety of ores immediately at the place, and I feel sure if iron can be made anywhere at nine dollars per ton it can be made here.

C. R. BOYD'S REPORT ON PURGATORY IRON PROPERTY.

Mr. F. J. Chapman, Salem, Va.:

Dear Sir.—At your request I have attempted to make a minute examination of the iron and manganese ore belt lying on the east side of Purgatory Mountain, in Botetourt county, Virginia, less than a mile from and facing the town of Buchanan, at the nearest point; and in that inspection have found the four miles of strictly ore ground explored to be within a mile of the Richmond and Alleghany railway, on the same side of the river; the Shenandoah Valley railroad on the opposite side of the river; and within a few hundred yards of the proposed line of the Valley railway.

It was a matter of some surprise to find the rocks and ore of V & VII R (VIII D) so close to the Archæan, which shows on the opposite side of the river; but some familiarity with the rocks and fossils of the former, and the structural peculiarities of both, left no doubt in my mind of that fact; and to the presence, here, of VIII D may be ascribed the existence of such large quantities of iron ore, with, now and then, a valuable body of manganese ore.

Purgatory Mountain going northwardly, beyond Cartmell's Gap, does not again, on the east side, except near Retreat Gap, present these ore measures; and then not in exactly similar conditions, for that end of Purgatory Mountain is complicated with an obtrusion of Mays Mountain rocks extended southeast in such a manner as to throw a large body of Oriskany ore actually on the east face of Purgatory Mountain, as accepted, and consequently within the bound of your lines. Here, at our section, opposite Buchanan, the mountain is capped with sharply arched band of V (a) D (IVR); then going down the east face, upon which the long leads of ores shown in the map are situated, the red sandstones are seen, in which I have several times found, not only one or two continuous lines of red iron ore, but the peculiar fossil which determines the geology (Vc (D)) of the rock. Then going down the mountain slope, through nearly four hundred yards of intervening strata, after leaving the red rocks, we are in the ore bands from which will be derived the greater quantity of good marketable ores. This series is composed of three general bands yielding ores. The first one—giving large quantities of red and brown shale ore and manganiferous ore—is apparently just under the rough weathered sandstone of the Oriskany Rocks; enclosed for miles continuously, between well defined walls. The next is the Oriskany sandstone, just mentioned, now and then, giving way to a pure dark brown iron ore of high grade—this, in turn, being overlaid with a band of shale iron ore.

The notes of the Shultz Bank read as follows: Five hundred feet above the level of James river, found Oriskany band of rock; strike north 38° east, dip 65°

south 52° east. The ore body—ten feet to six feet of interlaminated shale ore of both kinds, overlaid with six feet of red shale ores; then 2½ feet of clay; then 3½ feet of red shale ore, next hanging walls of sandstone (evidently the Oriskany sandstone). An undetermined measure of about six feet of shale ore was next discovered just overlying the sandstone. Then going over the outcrop northwardly and eastwardly 950 yards farther, to the Killian ore banks, found back vein of red shale ore 14 feet between wall, with some brown, oxyd of iron and manganese ore in variable proportions, dip, &c., same as last recorded; over this plainly showing is the Oriskany rough sandstone and terlaminated shale ore and clay shows brown ore, next which six feet of is included in the opening. The going through numerous cross cuts and pits on the outcrop, a length of nearly four miles, through Hansbrough's land and others, nearly to Cartmell's Gap, but slight variations from these readings were observed at all of the well-opened pits; only, now and then, the dip would be about 78°, and the strike variable, though constant.

QUANTITY.

All the conditions suggested the idea of constant and reliable quantity and cheap mining. A mining breast of 12 to 18 feet width of ore, 400 feet above level of water in James river, four miles in length, may safely be anticipated. This body, as stated, will be brown and red shale ores, Oriskany dark brown iron ore, manganese and manganiferous iron ore, with some minor constituents, such as cobalt and zince oxide.

QUALITY.

It would be difficult to give a thoroughly satisfactory answer as to the quality of these ores. Possibly an analysis of the strictly iron ores would be—for metallic iron, over 52 per cent. average; silica, 5 to 13 per cent.; phosphorus, 0.100; sulphur, a trace. Some of the manganese ores observed are up to the standard. Manganiferous iron ores form a large proportion of the ore body af different points.

TRANSPORTATION.

A mere glance at the map will show facilities of transportation of such a character as to render the property almost unequalled in that respect. Whether it might be determined, on account of the good furnace sites and abundance of limestone adjacent, to reduce the ores here or ship them, the percentage of loss due to handling either the product or ores will be much less than in the majority of ore districts.

Very truly yours,

C. R. BOYD.

WYTHEVILLE, VA., Sept. 21, 1883.

[From the Salem Times-Register, February 22, 1884.]

Furnace Location and Iron Property near Salem, Va.

We find the following, with reference to the "Bott mines," near Salem, in the *Industrial South*, of last week. It will be seen that this report was made by Mr. J. B. Gifford, of Philadelphia, last May, and what he says of it below proves its value. Mr. Gifford is quite a reliable expert, and is now engaged in examining and reporting upon the iron deposits that lie on the line of the Cripple Creek Extension. This unlimited quantity of iron ore, with all the advantages it possesses, is within about six miles of Salem, and fourteen miles of Roanoke. Owing to other vast deposits of iron ore all around this section, it is said by those who should know, that no better place in Virginia could be found for a furnace, than Salem. With fine water power convenient, excellent sites offered gratis, and the unlimited supply of material close at hand, and the completion of the Valley railroad to this point, why should not some of the present non-paying iron mills of Pennsylvania be transplanted to Salem? With the Valley road completed to Salem, and an arm (of only about four miles) branching off to Roanoke city, these two places will, in the near future, afford manufacturing facilities and advantages not to be found elsewhere in this State. Read the following report, then remember that there are several other mines, near Salem, just as rich, and you can form a faint idea of the true situation here:

PHILADELPHIA, May 8, 1883.

Messrs. Rorer & Chapman, Roanoke, Va.:

Gentlemen—I have made a hurried examination of your "Poor Mountain," Roanoke county, Va., iron ore property, which is known as the "Bott survey," containing about twenty-eight hundred acres of land, and embracing the base and northwest side of the mountain from opposite Big Spring and extending eastward for miles along the mountain range, in which there are stratified seams of shale and brown hematite ores extending through the entire length of the property, aggregating from fifty to seventy feet in thickness, and extending down to an unknown depth, which, in my opinion, is very valuable, not only on account of the millions of tons of ore it contains, but the superior quality of iron that a mixture of these ores will produce. The ore belts are one mile from the Norfolk & Western railroad, and run parallel with the road the entire length of the survey, and have a height, where they crop out, of from 150 to 200 feet above water level. From what I could learn when on the property, the dip of your ores is N. W., or with the mountain, which will enable you to mine at a low cost, having sufficient grade for one-third of a mile to operate a self-acting incline which will reach a point from where you can build a tramway or narrow-gauge road to the Norfolk & Western railroad, the entire distance being about one mile. At the point where you reach the Norfolk & Western railroad there is a very desirable location for furnaces, having an ample supply of water and an inexhaustible supply of good limestone within a few rods of where furnaces could be built. Therefore, having an unlimited

quantity of ore that can be mined and delivered at low cost, which will produce good iron, an inexhaustible supply of good limestone that can be had cheap, and being within reach of "Flat Top" West Virginia coal, which produces the best of coke, you could not in my opinion select a more favorable location for the cheap manufacture of good and cheap iron in Southwest Virginia. Should you desire to dispose of the property you will have no difficulty in convincing practical men of the advantages you have over many other localities as to quantity and quality of ores and limestone, and the cheapness of mining and delivery to railroad at the point shown me as a suitable location for furnaces. By judicious management the cost of producing pig iron from your Bott ores at the point shown me should not exceed the following:

Cost of shale and hematite ore per ton of pig metal, 2 tons.....	1 75
Cost of Flat Top coke per ton of pig metal, 1½ tons.....	4 50
Cost of limestone per ton of pig metal, 1 ton.....	75
Cost of furnace labor and management.....	2 00
Cost of interest on investment, repairs, &c.....	1 50

\$10 50

Truly yours,

J. B. GIFFORD.

Messrs. McDonald & Lee:

Since the above report was written extensive developments have been made showing continuity of the ore lead through the property as practically inexhaustible.

Two analyses made by Dr. Henry Frøehling are as follows:

	No. 1.	No. 2
Metallic iron.....	55.143	57.521
Phosphorus.....	0.4409	0.8215
Silica.....	8.120	6.030

The estimate made by Mr. Gifford for coke, we think, is in excess of cost by at least one dollar, on limestone twenty-five cents, and labor fifty cents per ton which will bring the cost of a ton of pig metal at this point inside of nine dollars per ton. The freight on metal to Cincinnati, Pittsburg and other iron centers is less than four dollars.

Major Hotchkiss says in his January, 1883, *Virginias*, of this property before it was developed: "All the indications indicate the existence of a very large body of excellent ore above water level and within easy reach of the Norfolk and Western railway, and a capital location for furnaces on Roanoke river and beside a limestone bluff."

SUMMER RESORTS.

PRICES TO SUIT THE TIMES.



ROANOKE RED SULPHUR SPRINGS.

MR. J. L. PATTON, General Manager.

MRS. J. PATTON, Eating Department.

MISS V. BROOKS, Linen Department.

ACCOMMODATIONS FOR 200 GUESTS.

Board, \$40 for four weeks; seven days, \$12; one day, \$2.50. Special rates to families.

9 MILES FROM SALEM, VA.; 12 MILES FROM ROANOKE CITY.

COOL, DRY, ELEVATED. NO FOGS OR DAMPNESS.

New graded road across mountain, made this season.

OPENS 15TH DAY OF MAY, EACH YEAR.

Livery, Billiard and Bowling Saloons, excellent Band of Music, large Ball Room, &c. Good Road, Grand Scenery, Fine Trout Fishing, Good Hunting Grounds.

Stage leaves LAKE SPRING, Salem, every day for the Springs. Invalids will be furnished Easy Going Vehicles.

SULPHUR, CHALYBEATE, FREESTONE AND LIMESTONE WATERS.

We herewith desire to invite your attention to the advantages and attractions of this Watering Place, which has, for a number of years, been so favorably

known, both for its Curative Virtues and its pleasant and healthful surroundings as A DELIGHTFUL SUMMER RESORT.

All the comforts and enjoyments of first class watering places are to be found here. It is one of the most desirable summer resorts to be found in the mountains of Virginia. This water is highly prized for its medical virtues, and is generally conceded to be one of the best mineral waters in Virginia. Numerous cases of chronic diseases have been relieved by its use. Those seeking health, pleasure and comfort would do well to spend the summer here.

TELEPHONE CONNECTION WITH RAILROAD.

For families it has many advantages, the cottages have connecting rooms, with fire places in each room, and thoroughly ventilated. The lawn is very large and very dry and well shaded, and no dangerous places for children, and no railroads to annoy. The cottages have 2, 4, 6 and 12 rooms, separated sufficient to make them desirable.

LOCATION.—These Springs are situated in Roanoke county, 9 miles north of Salem, Va., under the shadows of some of the outlying ranges of the Alleghanies, surrounded by a beautiful and luxuriant growth of native trees and evergreens, with spacious grounds, and an elevation of 2,200 feet above sea level. In consequence of this elevation, the grounds are well drained. The pure, fresh and invigorating air from the mountain heights, the high and dry location of the Springs is highly appreciated by those desiring a change for purpose of health, novelty, recreation, and to get rid of the wearing activities of business life. Ample arrangements for all ordinary amusements. Taken altogether, these Springs are a delightful summer resort for families.

Baths convenient; Hot and Cold Baths and new water closets.

TABLE.—The table will be supplied with the best the market affords.

MUSIC.—There will be in attendance an excellent Band of Music.

STAGE LINE.—A comfortable Stage leaves Lake Spring daily for Springs.

MAILS.—There is a daily mail to and from the Springs. Visitors should have their mail addressed Roanoke Red Sulphur Springs, via Salem, Va.

RESIDENT PHYSICIAN.—A good and competent resident physician.

LIVERY.—There will be run, in connection with the place, a good livery and line of hacks. Visitors will be met at Salem depot by Lake Spring omnibus. Conveyances can be had at Roanoke or Salem at reasonable prices.

TESTIMONIALS.

Roanoke, Roanoke Co., Va., March 22, 1884.

Mr. F. J. Chapman:

*Dear Sir—*During the past summer, after having been prostrated for several weeks with hay fever, I visited the Roanoke Red Sulphur Springs, and after a trial of the water for two or three weeks, was enabled to return home, with no greater inconvenience than the debility naturally arising from long-continued sickness. That the water is very efficacious, especially in hay fever, my experience very fully attests, and it affords me great pleasure to recommend it to those thus afflicted.

F. RORER.

Assumption Parish, La., October 10, 1883.

F. J. Chapman, Esq., Prop'r Roa. Red Sul. Springs:

Dear Sir—I have been a great sufferer from hay fever for the past nine years, and have not escaped a single summer until the past one, which I spent at the Roanoke Red Sulphur Springs. I attribute the relief entirely to your location and water.

Very respectfully,

U. B. DUGAS.

Melrose, near Roanoke City, April 8, 1884.

F. J. Chapman, Esq., Salem, Va.:

It affords me pleasure to commend the water of the Roanoke Red Sulphur Springs as a valuable medicinal agent. As a gentle alterative tonic, I have witnessed repeated instances of its beneficial effects. Last summer I was a sufferer from indigestion, resulting in nervous prostration and inability to take customary exercise, or to safely eat any solid food. While in this condition, I drove over to the Roanoke Red. In about a week, I felt benefited by the water, and after the lapse of about two weeks, feeling almost well again, I returned home. Within a few days, many of the unpleasant symptoms again manifested themselves. I immediately revisited the Springs, and the beneficial influence of the water was almost immediately apparent. After less than a month's use of it, I was entirely cured of what threatened to be severe and confirmed dyspepsia. The prompt and efficient action of the water, in quieting nervous excitability, in aiding digestion, and bracing up my whole system, was so apparent and real, that I can confidently advise its use to all similarly affected.

Yours respectfully,

R. B. MOORMAN.

FROM MRS. PRITCHARD, OF NEW ORLEANS.

Salem, Va., April 10, 1883.

Mr. F. J. Chapman—Dear Sir: Before leaving Salem, I must thank you for your great kindness during my stay at the Roanoke Red Sulphur Springs. I began to improve soon after commencing the use of these waters, and I do not hesitate to recommend them to any one suffering from dyspepsia. After a visit of seven weeks at the Springs, I felt like a different person.

Yours truly,

ELIZA D. PRITCHARD.

The late Dr. Cenas, of New Orleans, La., formerly well-known as one of the most prominent physicians of that city, visited the Roanoke Red a few years before his death, and a short time before his departure wrote, without solicitation, the following to Dr. Oscar Wiley, who was at that time resident physician at the Red, though temporarily absent at the time Dr. Cenas left the Springs:

"I am very sorry you were not at home, when my wife and self left your charming valley. I wanted to tell you how much I had improved by the use of the Roanoke Red Sulphur water. I am now able to eat and digest articles of food which I had not before dared to touch for years, and certainly this is a great gain. You will also remember Mrs. Jany, who was with us. She was very dyspeptic on her arrival at Roanoke Red, but after only two weeks' use of the water was entirely relieved, and continues so up to this time."

The claims of the Roanoke Red, as a therapeutical agent, were for many long years known to Dr. John H. Griffin, of Salem, Va., who wrote as follows:

"The public are aware that these waters, which have now for the first time been analysed, have already acquired, from their oft-observed effects, a high reputation in diseases of the chest; especially in that form which is truly regarded as the beginning of consumption. It is undoubtedly in the early

observation and are upon record, in which they have been of undoubted utility in the early stages of that lamentable and deplorable disease.

OSCAR WILEY, M. D.

Mr. F. J. Chapman—Dear Sir : It affords me pleasure to testify to the medicinal virtues of the waters of the Roanoke Red Sulphur Springs, which I regard as among the most valuable natural remedies which flow from the mountains of Virginia. The location has the great advantage of being dry, with a uniform temperature. The grounds are well shaded, and the pure mountain air is always in circulation. The accommodations for visitors are ample and comfortable; the food is well prepared and of excellent quality. The chalybeate water, near the grounds, are well adapted to all conditions of anæmia of unperished blood, resulting from diseased conditions of the system, or from whatever cause. Iron being the great blood restorer, is furnished in the most acceptable form by these waters; but the principal feature of the place is the Red Sulphur water. This water is somewhat peculiar and of very great value on account of diuretic properties; it acts upon the kidneys, and enables them to eliminate a greater amount of effete material from the system. The mild aperient property it possesses causes it to act upon the torpid secretions of the bowels, but its chief medicinal properties, and the one which makes it valuable in so many different conditions of the system, is its alterative properties. These and many other minor properties, render the Roanoke Red Sulphur water a valuable and efficient remedy in skin diseases, the early stages of consumption, and pulmonary affections generally, in dyspepsia, general debility, nervous prostration and vascular excitement. Experience has proven it to be invaluable in diseases peculiar to females, and disordered conditions of the nervous system resulting therefrom.

You can use this as you see fit.

Truly and respectfully,

JOS. A. GALE, M. D.

EXTRACT FROM LETTER FROM DR. J. T. FORBES, DATED DANVILLE, VA, APRIL 19, 1884.

"The waters made a perfect cure of my daughter's dyspepsia, and a few such cases, if known, ought to make the fortune of the 'Red.'"

ANALYSIS OF ROANOKE RED SULPHUR WATER,

AS MADE BY PROF. M. B. HARDEN, OF VA. MILITARY INSTITUTE, MAY 1, 1875.

Grains of anhydrous constituents in one gallon of 231 cubic inches :

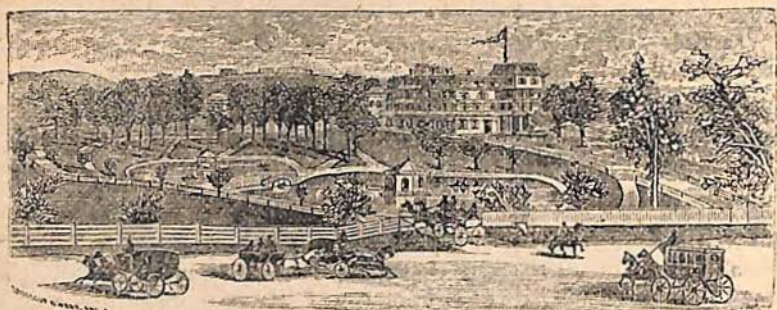
Calcium carbonate.....	6 53650	Ammonium nitrate.....	0 05476
Magnesium carbonate.....	5 83876	Alumina.....	0 00648
Lithium carbonate.....	0 01549	Silica.....	0 83951
Manganese carbonate.....	0 01624	Organic matter.....	0 76005
Iron carbonate.....	0 05842	Arsenic.....	trace.
Copper carbonate.....	trace.		
Sodium chloride.....	0 24401		21 70287
Ammonium chloride.....	0 01801	Carbonic anhydride combined with	
Calcium phosphate.....	0 02931	monocarbonates to form bicar-	
Lead sulphate.....	trace.	bonates.....	5 96680
Barium sulphate.....	trace.		
Strontium sulphate.....	1 71000		27 66967
Calcium sulphate.....	2 19142	Cubic inches gases per gallon :	
Sodium sulphate.....	3 03719	Carbonic anhydride.....	12 40
Potassium sulphate.....	0 32626	Sulphuretted hydrogen.....	2 44
Sodium hyposulphite.....	0 03046		

To invalids these Springs offer waters somewhat analogous to the Monroe Red, and, unlike most sulphur waters, increase the volume of the pulse, while

they diminish its frequency, and are not only admissible in pulmonary affections and vascular excitements, but are exceedingly valuable. They are alterative by reason of the sulphuretted hydrogen and salts of ammonia. They are diuretic, and, by reason of the lithia they contain, have great efficacy in the cure of renal, vesical and womb affections. There are four kinds of waters—sulphur, chalybeate, freestone and limestone. The iron water on the mountain is very valuable, and is better suited for many cures than the sulphur.

REFERENCES—We refer to the following parties: Gov. Ogden, Col. H. Vose, Col. Wm. Johnson, Capt. H. L. Flash, E. A. Gomez, New Orleans; James Whitfield, Artesia, Miss.; Mrs. Triplet, Mr. and Mrs. T. J. Gray, Mrs. J. H. Blair, Richmond, Va.; Capt. John Zent, Prof. E. Levy, E. Witzman, Esq., Memphis, Tenn.; James T. Morris and wife, Rev. Dr. Holmes and wife, Petersburg, Va.; Dr. N. W. Littell, Dr. R. F. Berkeley, Dr. J. Shelton Hill, Baltimore, Md.; Rev. J. B. Winfree, Manchester, Va.; Judge C. L. Cleveland, Galveston, Texas; Dr. Oscar Wiley, Col. E. W. Jack, Dr. W. D. Armstrong, Dr. J. Bruffey, Dr. T. H. B. Dillard, Salem, Va.; Mr. and Mrs. L. D. Smith, Mrs. Gen. Page, Mrs. Whittle, Richard Evans, Esq., Kader Biggs, Hon. John Goode, J. G. Womble, J. R. Briggs, Capt. B. Taylor, J. W. Martin, Mrs. W. B. Stokes, Norfolk, Va.; N. D. Buford, Maj. Samuel Griffin, Liberty, Va.; Rev. W. R. Coppedge, Floyd C. H., Va.; E. G. McClanahan, Esq., Col. G. P. Tayloe, F. Rorer, Esq., P. L. Terry, Esq., Roanoke, Va.; Prof. A. Baumann, Raleigh, N. C.; J. J. Gale, Esq., Philadelphia, Pa.; Burgess Urquhart, Bertie, N. C.; Mrs. H. Nutt, Mrs. Parsley, Mr. and Mrs. R. R. Bridgers, Wilmington, N. C.; Capt. R. R. Bridgers, Atlanta, Ga.; Mrs. A. D. Banks, Bersheba Springs, Tenn.; Rev. J. J. Norwood, Richmond, Va.; Mrs. M. P. Metcalf, Greenville, Miss.; W. C. MacMurphy, Charleston, S. C.; R. V. Lynn, Danville, Va.; Mrs. Jane Lyons, Miss H. G. Garwood, Salem, N. J.; Dr. Jno. W. Lawson, Isle of Wight, Va.; Jno. M. Keith, Selma, Ala.; G. H. Bunch, Tuscaloosa, Ala.

**F. J. CHAPMAN, Proprietor,
Salem, Va.**



LAKE SPRING HOTEL,

ONE MILE FROM DEPOT,

SALEM, VIRGINIA.

Accommodates about 180 Guests. J. W. CHAPMAN, Clerk.

MISS SALLIE V. DIDLAKE, Eating Department.

MISS SALLIE T. STONE, Linen Department.

Open 1st of May. Convenient to Telegraph, Post and Railroad Offices and Churches. Dining and Ball Rooms. Omnibuses to all Trains. Telephone connection with Roanoke Red Sulphur Springs. An excellent Band of Music. Billiard and Bowling Saloons. Hot and Cold Baths for Ladies and Gentlemen. Health, Pleasure and Comfort.

Board—Per month (4 weeks), \$40; seven days, \$12; one day, \$2.50. Special rates to families.

The design of the improvements here has been to adapt them to the convenience and pleasure of individuals and families who may desire to sojourn, during the summer and fall months, in this *BEAUTIFUL and HEALTHFUL REGION*. With this object in view, the Hotel accommodations will be in all respects unexceptional, combining all the comforts and advantages usually found in the Mountains of Virginia. The situation itself, overlooking as it does the beautiful valley of Roanoke, in full view of the Norfolk & Western railroad for miles, and surrounded by the Blue Ridge and Alleghany mountains, possesses a scenery unrivalled in beauty and grandeur among the mountains of the Old Dominion.

The large and commodious grounds, comprising some ten acres, well shaded by native forest trees, and being tastefully improved with special reference to the private amusement of ladies and children. These commodious grounds, with two handsome lakes of living water, supplied with boats for aquatic amusements, with convenient fishing and hunting facilities, ample walks and drives, billiard and shooting galleries, croquet and base-ball grounds, together with the picturesque charms of the surroundings, all combine to afford the guests of Lake Spring all rational recreation, amusement and pleasure.

Lake Spring, being situated at the extreme boundary of the flourishing town of Salem, gives it all the advantages of a town and country residence combined. Upon the premises are good freestone, limestone and chalybeate springs, and in easy access are elegant sulphur, alum and chalybeate springs. Besides the privilege of these, the waters from various prominent mineral springs will be kept at the Hotel for the use of the guests. Passengers for Roanoke Red Sulphur stop at Lake Spring.

F. J. CHAPMAN, Proprietor,
Salem, Virginia.

HOLLINS INSTITUTE,

BOTETOURT SPRINGS, VIRGINIA,

(Nine miles from Salem.)

CHAS. L. COCKE, A. M. LL. D., *General Supt.*

Mrs. E. S. CHILDS, *Associate Principal.*

Literary and Scientific Departments.

WM. H. PLEASANTS, Latin, Nat. Science, Elocution.
WM. TAYLOR THOM, M. A., English Language and Literature, History.
CHAS. L. COCKE, Mathematics.
MRS. L. V. TURNER, English, Calisthenics.
MISS SALLY L. COCKE, Latin.
MISS N. B. BOWMAN, Mathematics, Moral Science.
MISS HANNAH WILSON, History, English Composition.
MISS SALLY B. RYLAND, Preparatory School.

Music, Art, Modern Languages.

H. L. PAULI, Piano, Organ, Harmony, German.
H. H. HAAS, LL. D., Piano and Theory.
CARL ECKHARDT, Violin, Piano, French, Spanish.
MISS MARY PLEASANTS, Piano and Theory.
MISS ANNA V. PEEBLES, Vocal Culture.
MISS JULIA PORCHER, Piano and Vocal Culture.
MISS A. L. NEILSON, Drawing and Painting.

Domestic and Business Departments.

MRS. CHAS. L. COCKE, Head of Domestic Department.
MISS GERTRUDE COCKE, Matron.
MISS BELLE LESTER, Supt. Dining Room.
DR. J. S. TOMPKINS, Resident Physician.
CHAS. H. COCKE, Business Agent.

Ministers for Current Session.

REV. R. A. GOODWIN, Episcopal.
REV. G. W. BEALE, Baptist.
REV. E. C. GORDON, Presbyterian.
REV. L. R. GREENE, Methodist.

P. O.—Botetourt Springs, Va.

Depot and Express Office—Cloverdale, Sh. V. R. R.

The current session opened on September 19th, with full numbers. Young ladies proposing to enter advanced classes at the opening of the next session, September 18th, 1884, should make special preparation in the following studies:

1. The English Language—its structure—its analysis—its literature.
2. The Latin Language—especially its grammar and idioms.
3. Mathematics—Arithmetic, mental, written and reasoned—Algebra (Robinson's) elementary and advanced.

GEORGE F. HELLER,
Wholesale Cigar Manufacturer,
SALEM, VIRGINIA.

Cigars by mail a specialty. Write for price list of goods, prepaid to any post-office in the United States.

H. C. MARCHANT, Pres't.

C. A. FURBUSH, V. Pres't.

Judge J. L. COCHRAN, Treas'r.

Charlottesville Woollen Mills,
CHARLOTTESVILLE, VA.

Manufacturers of FANCY CASSIMERES, SUITINGS, KERSEYS. CADET GBAYS and INDIGO BLUES a specialty. Samples mailed merchants on application. For sale in Salem, Virginia, at retail,

BY Z. BOON.

Wheat and Grass Farm for Sale!

I will sell my Farm, lying three miles south of Salem, on the Rocky Mount and Salem Turnpike, containing 190 Acres, 100 Acres in clover and blue grass, 30 Acres in timber, Good Dwelling, Good Barn, Good Spring Creek running through the middle of the Farm, Good Orchard. Price, \$30 per acre.

W. A. BYRD.



KOINER, GALE & CO.,



Cor. Salem Avenue and Commerce Sts.,

Roanoke City, Va.,

Invite the attention of Druggists, Physicians, and Country Merchants throughout the country to their extensive stocks of

Drugs, Medicines, Paints, Oils, Fancy Articles,

And all other articles usually found in a first-class Drug Store.

Especial attention is called to the Proprietary Articles manufactured exclusively by them, named the O. O. Remedies. All of these we cordially commend to the trade. We make a specialty of

Cigars, Smoking and Chewing Tobaccos, Fine Wines, Liquors, &c.

A call is respectfully solicited. Satisfaction guaranteed in every respect.

WHOLESALE AND RETAIL DEALERS.

No. 1648 Salem Avenue and 101 Commerce St.

A. W. NOLTING, JR., Business Manager.

LAND FOR SALE—

On Norfolk & Western Railroad, five miles southwest of Salem.

FARM OF 163 ACRES.

One hundred in grass and grain, (35 Acres in bottom) balance original Timber, fine for Building, Boxng or Railroad Lumber. One large Frame Barn, brick foundation.

Two bold Springs. Price, \$5,300.

G. LOUIS DEYERLE, Salem, Va.

E. H. STEWART & CO.,
Wholesale & Retail Dealers in Furniture, Carpets, &c.,
ROANOKE, VA.

Will sell all goods in their line as low as the same goods can be had in the cities,
 thereby saving the purchaser the cost and risk of transportation.

J. H. SHUFF & CO.,
Dealers in Staple and Fancy Groceries
AND COUNTRY PRODUCE.

Flour and Grain a specialty.

Main Street, Salem, Virginia.

Z. BOON & SONS,
Merchant Tailors and Dealers in Ready-Made Clothing,
GENTS' FURNISHING GOODS, &c.,
SALEM, VIRGINIA.



LIGON & BRO.
LIVERY,

Main St., Salem, Virginia.**GEO. M. TERRILL,**

(Graduate of Univ. Penn.)

Physician & Surgeon,
 Office 3 doors east of C. H., Main St.,
SALEM, VIRGINIA.

VALUABLE REAL ESTATE FOR SALE.—As agent for the heirs of Wm. L. Hatcher, dec'd, I wish to sell the FARM formerly belonging to said Wm. L. Hatcher, dec'd, consisting of from Six Hundred and Fifty to Seven Hundred and Twenty-five Acres, about two-thirds of which is cleared, and the rest in timber, with a good two-story Brick Dwelling House, with dining room and kitchen attached, good barn and other necessary out-houses, with three tenant houses on farm, good limestone spring in yard, besides other springs on farm. Said lands are adapted to grain and grass, with good timber, lying five miles west of Salem, in Roanoke county, Va. For any information in regard to this property, call on or address
H. C. HATCHER, Agent, Salem, Va.

FOR SALE—

Price, \$12,500. 155 acres.

A VERY FINE FARM on Tinker Creek, one and a half miles of Roanoke city, within one-half mile of Shenandoah Valley Railroad; adjoins one of the finest merchant mills in this county; containing 155 acres, 130 cleared, 25 in timber; 50 acres in grass; a fine new two-story frame dwelling, eight rooms, ice-house, and all necessary out-buildings. It is seldom such a desirable farm is offered in such close proximity to the city. Terms—One-half cash, balance in five years, with six per cent. interest, payable annually.

W. H. TINSLEY, Salem, Va.

VALUABLE FARM FOR SALE.—I offer for sale, privately, my FARM, lying on the McAdamized road, five miles west of Salem. The farm contains 162 acres, about two-thirds of which is cleared, the balance in timber. There are on the farm a good two-story Frame Dwelling, with water pumped directly to the house; barn, three tobacco barns, and all necessary out-buildings.

An excellent orchard, with about 140 bearing fruit trees, is a desirable feature of this farm.

For terms, description of property, &c., address or call on

JAMES F. GILES,
Salem, Roanoke County, Va.

WATTS, BELL & EVANS,

—DEALERS IN—

Hardware, Coach and Saddlery,

Shoe Findings, Gum and Leather Belting, Paints, Oils, Oliver Chilled Plows, Fairbanks' Scales, Iron, Steel, Nails, Axes, Horse Shoes, Nail Rods, Chains, Cutlery, Glass and Putty, Sash, Blinds, &c.,

ROANOKE, - - - VIRGINIA.

1866. **ROBINSON, TATE & CO.,** 1884.

Wholesale Grocers, Liquor Dealers & Commission Merchants,

817 MAIN STREET, LYNCHBURG, VA.

We keep constantly on hand a large and well-selected stock of Groceries, Liquors, Wines, Smoking and Chewing Tobacco, Cigars, Cigarettes, etc. Consignments of Country Produce receive prompt and careful attention. Give us a call. **ROBINSON, TATE & CO.**

Jno. W. Robinson, M. B. Tate, W. H. Wren, W. H. McLaughlin.

D. C. STOVER,

MANUFACTURER OF

Tin, Copper and Sheet Iron Ware,

AND DEALER IN

COOKING AND HEATING STOVES, &c.,

MAIN STREET, SALEM, VA.



No. 654322.

Established Fifty Years Ago.
H. SILVERTHORN,

912 Main Street, Lynchburg, Va.,
 Importer and Dealer in WATCHES, DIAMONDS,
 JEWELRY, SILVERWARE, BRONZES,
 OPERA GLASSES, SPECTACLES,
 AND FANCY GOODS.

All goods bought direct from manufacturers or else imported direct from the European markets, thus enabling us to compete with any house in the country. We assert and can substantiate the fact that we sell everything as low as the same goods can be bought anywhere in the United States. We are prepared with all the machinery and tools necessary to manufacture any special piece of Jewelry, do all kinds of plain and fancy engraving. Gold and Silver Medals and Badges, Plain and Set Rings made to order. Diamonds re-set; all kinds of Watches, Jewelry and Silverware repaired in the best manner by skilled workmen.

Conceded by everybody to be the LOWEST-PRICED WATCH HOUSE in the South.

Send for our new Illustrated Catalogue and Price List, pronounced to be the handsomest and most complete book of the kind ever published by the Jewelry trade in this section, containing cuts of all the different goods kept in a first-class Jewelry House, with prices attached. Address

H. SILVERTHORN,
 912 Main Street, Lynchburg, Va.

A VERY DESIRABLE PROPERTY,

On High Street, in Salem, Va.,

IS OFFERED FOR SALE PRIVATELY.

This property fronts on High street sufficiently to make ten or twenty building lots of good depth. The plot contains about fifteen acres, and has upon it a good Brick Residence, first-class out-buildings and good orchard. Would make a first-class

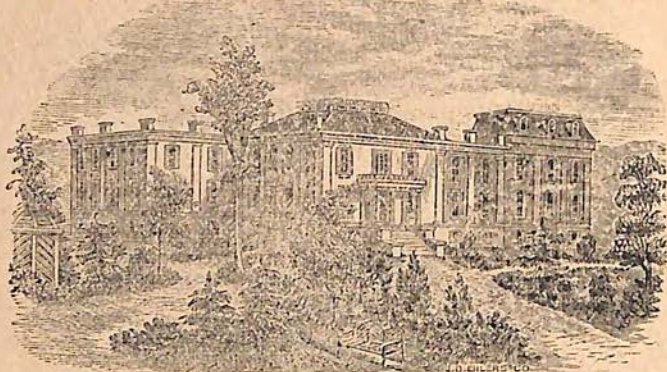
Market Garden or Dairy Farm.

A stream of never-failing water runs through it. As a residence the location is beautiful and naturally attractive, and with a small outlay can be made one of the handsomest places in the Valley.

For further information, address

B.,
 P. O. Box 9, Salem, Va.

WESLEYAN FEMALE INSTITUTE,



STAUNTON, VIRGINIA.

Opens its 35th year Sept. 20, 1884. One of the first schools for young ladies in the United States. Over twenty teachers and officers—European and American. All departments thorough. Not only sound learning and graceful accomplishments, but orderly habits, refined manners, economy in dress and whatever gives grace and beauty to christian character are taught. Buildings elegant, scenery and surroundings beautiful, home comforts and climate unsurpassed. Attended by 143 boarding pupils from 18 States. Refers to over one thousand pupils and patrons. Terms among the best in the Union, embracing all essential advantages in one single charge, as Board, Washing, Fuel, Gas-lights, entire English course, Latin, French, German, Elocution, Instrumental Music, for the half scholastic year, for \$119—for the whole scholastic year from September to June, \$238.

For catalogues, write to

Rev. WM. A. HARRIS, D. D., President,
Staunton, Virginia.

BUY YOUR
DRUGS, CHEMICALS, OILS, TOILET ARTICLES,
And Druggists' Sundries,

FROM

W. T. YOUNGER,
SALEM, VIRGINIA.

CLAYTON P. HOWARD,
BARBER AND HAIR-DRESSER.

Shampooing and Trimming Ladies' and Children's Hair in all the latest styles. Call on me at the DUVAL HOUSE. I guarantee all work.

T. J. SHICKEL
REPRESENTS THE
FIRE AND MARINE INSURANCE CO.
Office, Salem, Va.

F. D. JOHNSON & SON,**JEWELERS**

802 Main St., - Lynchburg, Va.



Carry a full line of Diamonds, Jewelry, Watches, Clocks, Solid Silver and Plated Ware, and are daily adding such novelties as the Northern markets produce. We have recently enlarged our entire stock, and each department will be found complete. Make a specialty of Diamond Work, and all kinds of new parts of Jewelry made in our own house. Monograms on all denominations of coin executed in very best style by skilled engravers. Watches regulated or repaired. Old gold and silver bought for cash or exchange.

Our new American Solid Silver Key-Winder for \$10 16, delivered to any P. O. in the U. S.

F. D. JOHNSON & SON,

802 Main St., Lynchburg, Va.

JOHN T. RICE,

WHOLESALE AND RETAIL

Notions and Trimmings,

129 Lexington Street,

Auction and Job Lots a Specialty.

BALTIMORE, MD.

Ribbons, Combs, Buttons, Brushes, Threads, Sewing Silks, Silk and Cotton Braids and Bindings, Tapes, Embroideries, Edgings, Trimmings, Head Nets, Suspenders, Fans, Portmonnaies, Fancy Soaps, Ties, Corsets, Skirts, Paper Collars, Hosiery, Ladies' and Gents' Underwear, &c., &c.

Agent for Three-Cord Spool Cotton.

PARTICULAR ATTENTION PAID TO ORDERS OUTSIDE THE CITY.

SEND FOR PRICE LIST.

My arrangements are complete to fill orders by mail. Persons desiring to test it will please send for Circular and Price List.

JOHN M. EVANS,

Main Street, Salem, Va.,

WHOLESALE AND RETAIL

Grocer and Commission Merchant

DEALER IN

Flour, Grain, all kinds of Farm & Garden Seeds,**COUNTRY LARD, BACON,****And Our Own Cure of Hams and Breakfast Bacon.**

Off you bees one traveling man vot goes way from home, mit money
to spend, may bee yon better stop a leedle at dot
EVANS', vare you finds plenty of

Groceries mit Brices to Suit de Dimes,

the PHAT MAN allways stooing right in de vinder door,
ready for to vait on you.



I buy my Groceries
at dot EVANS'.



I don't.

BROWN COTTON, COTTON YARN,**Brown's Log Cabin and Other Manufactured Tobacco,**

ALWAYS ON HAND.

GOODS DELIVERED FREE.**Salem Steam Planing Mills!****N. HOCKMAN,****Architect and Builder,**

ALSO, MANUFACTURER OF

WINDOW SASH, DOORS, BLINDS, MANTELS, BRACKETS,**Mouldings, Balusters, Window and Door Frames,****Hand Railing, Flooring, Newel Posts,****Ceiling, Laths, &c.**

We are prepared at our Steam Factory to supply Carpenters and others with all kinds of

BUILDING MATERIAL,

As low as the same can be obtained in Lynchburg or elsewhere. We also manufacture to order FURNITURE of all kinds.

Drawings and Estimates furnished upon application. Orders solicited, which will be promptly and satisfactorily filled. Address

N. HOCKMAN,
SALEM, VIRGINIA.

ESTABLISHED 1865.

JNO. M. OAKLEY, | JNO. M. OAKLEY & CO.,
 Main Street, Salem Avenue,
SALEM, VA., | ROANOKE, VA.,
FUNERAL DIRECTORS.

Metalic Cases

AND

Caskets!



Wooden Coffins

AND

Caskets!

Finished on Wood or in Cloth of all Grades.

Prompt Attention Given all Orders, Night or Day,

BY TELEGRAPH OR OTHERWISE.

Undertakers' Supplies at Fair Rates.

JNO. M. OAKLEY,

SALEM, VA.,

Still Continues the Furniture Business,

AT HIS OLD STAND,

Carrying in Stock and Making to Order all Kinds

FURNITURE & MATTRESSES.

GIVE HIM A CALL and be PLEASED.

GILMORE HOUSE,

Wright Block, cor. Salem Ave. and Jefferson St.,

ROANOKE, VIRGINIA.

Having leased this house and fitted it up thoroughly in all departments, it being a large, three-story brick building, within seventy-five yards of passenger depots, lighted with gas, furnished with water, bath-rooms, &c., I respectfully ask your patronage, and will endeavor to make it pleasant and comfortable while with me.

My house is the best located, has larger and finer rooms, and is nearer the depot than any hotel in the city, and by personal attention, I hope to merit your patronage.

MRS. THO. R. GILMORE.

VALUABLE PROPERTY FOR SALE.

I offer for sale the following property, located on both sides of Roanoke River, five miles west of Salem:

FIRST—The tract north of the River, containing 190 acres—60 to 75 of beautiful meadow lands—and embracing an

ELEGANT HOMESTEAD,

with large number of out-houses, principally of brick. In addition to the substantial character of the improvements and the abundant supply of fruits, water, and such accessories as contribute to convenience and solid comfort, the ornamental and attractive features of this property are rarely excelled by country homes.

SECOND—450 acres south of the River—120 alluvial bottom, 40 to 50 hill pasture. The improvements on this are a Grist and Saw Mill, with excellent water power, a small Cottage and large Barn. More than 2,000 fruit trees recently planted.

Will sell either separately. For price, etc., address

Dr. JNO. S. DEYERLE,

SALEM, VIRGINIA.

PALMER & DAME,

Court House Square, Salem, Virginia,

(Box 33.)

Manufacturers Tin and Sheet Iron Ware.

TIN AND SLATE ROOFING, GUTTERING AND
SPOUTING PROMPTLY PUT UP.

DEALERS IN

Agricultural Implements, Fertilizers, Cooking and Heating Stoves,
Farm and Garden Seeds, Plows, D. S. Plows, Harrows,
Jersey and Farm Wagons, Fodder Cutters,
Pat. Churns, Hardware, &c.

SOLE AGENTS FOR ROANOKE AND ADJOINING COUNTIES

FOR THE

Buffalo Pitt's Engines and Separators,
Paxton Engines and Circular Saw Mills,
Superior Grain Drills,
Victor and Star Hay Rakes, Walter A. Wood,
Twine Binders,
Reapers and Mowers,
Excelsior Reapers and Mowers,
Telegraph and Buckeye Cider Mills,
Farmer's Friend Corn Planters,
Buck-Thorn Fencing Wire,
Maryland Fertilizing Co.'s Celebrated
Ammoniated and Alkaline Bone Phosphate,
Orchilla Guano, Domestic Sewing Machine.

WE CARRY A FULL STOCK, AND STRIVE TO GIVE SATISFAC-
TION, IN HANDLING ONLY FIRST-CLASS GOODS.

RORER PARK HOTEL,

ROANOKE, VIRGINIA.

F. RORER, - - Proprietor.

AMPLE ACCOMMODATIONS FOR COMMERCIAL TRAVELERS.

Neat Billiard and Bar Room Attached.

OMNIBUS MEETS ALL PASSENGER TRAINS.

JOHN CHALMERS,

DEALER IN

Foreign and Domestic Hardware,

Agricultural Implements,

SHOE FINDINGS, CARRIAGE AND SADDLERY GOODS,
PAINTS, OILS, VARNISHES, GLASS, PUTTY,
WOODEN-WARE, GUNS, PISTOLS, SHELLS,
CARTRIDGES AND POWDER.

AGENTS FOR

Oliver Chilled Plows, Rowland Chilled Plows, Deering Mowers,
Deering Reapers, Deering Twine Binders, "Advance"
Hay Rakes, Stevens Threshing Machines
and Horse Powers.

Main Street, Salem, Virginia,
TAYLOR'S BLOCK.

DUVAL HOUSE,



SALEM, VIRGINIA.

The DUVAL HOUSE is situated in the town of Salem, Roanoke county, Va., on the Norfolk and Western Railroad, sixty miles west of Lynchburg, in the beautiful Valley of the Roanoke, just where the "Garden Spot of the Old Dominion" is shut in by spurs of the Blue Ridge and Alleghany mountains, making the location, with its rich and splendid valley, watered by the pearl of streams, the Roanoke (abounding in black bass, brook trout and red-eyes), and surrounded by lofty mountain peaks, interspersed with deep, shady fastnesses, one of the

MOST DELIGHTFUL SUMMER RESORTS IN VIRGINIA.

A New and Handsome Addition to the Hotel Just Completed.

SALEM is a flourishing town of 2,000 inhabitants. The DUVAL HOUSE is a handsome and commodious building, with large and thoroughly ventilated rooms, handsomely furnished.

Telegraph and Post-office are located just opposite the Hotel.

A BEAUTIFUL LAWN, with shade trees and fountain, affords a pleasant retreat for children and invalids at all hours of the day.

The Hotel is equal to any house between Richmond and Atlanta, and the proprietor is determined that the house shall be first-class in every respect.

Well arranged BATH ROOMS attached.

Those desiring to spend the Summer in Virginia are requested to inform themselves as to the Duval House and its surroundings before going elsewhere.

Rates of Board.—\$2 per day, \$10 per week, \$30 and \$35 per month, according to location of rooms.

Visitors arriving at the Depot will find Omnibus and Baggage Wagon to convey them to the Hotel.

W. D. F. DUVAL,
Owner and Proprietor.

JNO. E. PENN.

L. H. COCKE.

J. HAMPTON HOGE.

**PENN & COCKE,
ATTORNEYS-AT-LAW,**

Offices Salem, Va., and Roanoke, Va.

**Penn & Hoge, Attorneys-at-Law,
OFFICE, CHRISTIANSBURG, VA.**

J. W. BRUFFY, M. D.,

OFFICE AT HIS RESIDENCE, NEARLY OPP. FARMERS NAT. BANK,
Main Street, Salem, Va.

W. R. STAPLES,
Late Judge of Court of Appeals of Va.

R. H. LOGAN,
Late of Johnson & Logan.

**STAPLES & LOGAN,
ATTORNEYS-AT-LAW,
Salem, Roanoke County, Virginia.**
All business entrusted to them will receive prompt attention.

CHARLES L. MAURY,
Photographer and Dealer in Picture Frames,
CHROMOS, ALBUMS, &C.,
Salem, Roanoke County, Virginia.

G. W. & L. C. HANSBROUGH,
ATTORNEYS AT LAW,
SALEM, VIRGINIA.
COURTS—Roanoke, Botetourt, Montgomery and adjoining counties.

D R. OSCAR WILEY,
SALEM, VIRGINIA,
Offers his professional services to the public.
OFFICE: Opposite Court-House, above Mr. Bening's Jewelry Store.
RESIDENCE: Mr. Josiah Simmons'.

D R. J. H. MORGAN,
DENTIST,
Invites all desiring DENTAL OPERATIONS to call on him.
OFFICE, East Main street, Salem, Va. OFFICE HOURS, 8 A. M. to 5 P. M.

J. E. DIUGUID,
SIMMONS' BLOCK, SALEM, VA.,
Dealer in Fancy Groceries,
Canned Goods and all kinds of Country Produce.

T. C. WOLFENDEN,
—DEALER IN—
Confectioneries, Fruits, Nuts, Toys, Fancy Goods, &c.,
COLLEGE STREET, SALEM, VA.

F. C. BURDETT,
GROCER,
AND DEALER IN CROCKERY AND GLASSWARE, COUNTRY PRODUCE, &c.
SALEM, ROANOKE COUNTY, VA.

W M. W. BALLARD,
Attorney-at-Law,
SALEM, ROANOKE COUNTY, VA.
Practices in Roanoke, Franklin, Craig and Botetourt Counties. Titles to mineral and other lands in Virginia carefully investigated.
† REFERENCES—Cashier of Farmers' National Bank, Salem; also of Banks at Roanoke city; Snow, Church & Co., Baltimore, Md.; J. H. Hubbell & Co., New York.

Roanoke College,

SALEM, VIRGINIA.

CHARTERED 1853.

FACULTY.

JULIUS D. DREHER, A. M., PH. D., PRESIDENT,
Professor of Moral and Political Science.

S. CARSON WELLS, A. M., PH. D.,
Professor of Mathematics and Natural Sciences.

REV. WM. B. YONCE, A. M., PH. D.,
Professor of Ancient Languages and Literature.

REV. LUTHER A. FOX, D. D.,
Professor of Intellectual Philosophy and History.

REV. F. V. N. PAINTER, A. M.,
Professor of Modern Languages and Literature.

JOHN T. CRABTREE, A. M.,
Assistant Professor of Ancient Languages.

HON. WM. H. RUFFNER, LL. D.,
Lecturer on Field Geology and Commercial Mineralogy.

J. J. MOORMAN, M. D.,
Lecturer on Physiology and Hygiene.

ESMOND V. DEGRAFF, A. M.,
Lecturer on the Science and Art of Teaching.

ADOLPH H. SNYDER, A. B.,
Tutor in Languages.

PERRY R. NUGENT, A. B.,
Tutor in Mathematics.

JOHN H. WYSE, JR.,
Instructor in Penmanship and Book-Keeping.

**Annual Session begins about the middle of September,
and continues nine months.**

DEGREES are conferred in two courses—CLASSICAL and SCIENTIFIC. Instruction is thorough and practical, and the standard of scholarship high. The English Language receives due attention. French and German are spoken in the class-room.

Students not applicants for degrees may select studies in the College classes. Penmanship and Book-Keeping are taught. There are, also, Preparatory Classes.

The College Library numbers 16,000 volumes; the Mineral Cabinet more than 11,000 specimens. The Literary Societies rank among the best in the country.

The Location of the College is Unsurpassed!


THE CLIMATE IS HEALTHFUL, THE COUNTRY BEAUTIFUL, THE

 RATES OF LIVING LOW! 

The town and College are noted for good order and good morals. Students have choice among five churches and Sunday-Schools in Salem.

The College fees being low and good board cheap, the expenses of the session are comparatively small. The entire expenses for a session of nine months, (including College fees, board, fuel, lights and washing) vary, with accommodations, from \$150 to \$205.

The College has been steadily gaining in the number of students for four years. Young men in attendance this session (1883-'84) from sixteen States, Indian Territory and Mexico.

 The Annual Catalogue, giving lists of the Trustees, Faculty and Students, with Courses of Study, Regulations and much general information, will be sent free on application to the President of the College.