

# Hillsboro Independent.

HILLSBORO, WASHINGTON COUNTY, OREGON, FRIDAY, FEBRUARY 20, 1903.

No. 40

## PROFESSIONAL CARDS.

THOS. H. TONGUE,  
Notary Public.  
ATTORNEYS-AT-LAW,  
HILLSBORO, OREGON.  
OFFICE: Rooms 3, 4, & 5, Morgan Block.

W. S. BARRETT,  
ATTORNEYS-AT-LAW,  
HILLSBORO, OREGON.

OFFICE: Central Block, Rooms 6 and 7.

HENTON BOWMAN,  
ATTORNEY-AT-LAW,  
HILLSBORO, OREGON.

OFFICE: Rooms 6 and 7, Morgan block.

JOHN M. WALL,  
ATTORNEY-AT-LAW,  
HILLSBORO, OREGON.

OFFICE: Bailey-Morgan Block, Rooms 1 & 2.

S. T. LINKLATER, M. D., C. C. M.  
PHYSICIAN AND SURGEON  
HILLSBORO, OREGON.

OFFICE: at residence, east of Court House, where he will be found at all hours when not visiting patients.

J. F. TAMMIE, D. D.  
S. P. R. SURGEON,  
HILLSBORO, OREGON.

OFFICE AND RESIDENCE: corner Third and Main Streets. Office hours, 9:30 to 12 a. m., 1 to 5 and 7 to 9 p. m. Telephone to residence from Brook & Sells' Drugstore at all hours. All calls promptly attended, night or day.

F. A. BAILEY, M. D.  
PHYSICIAN AND SURGEON  
HILLSBORO, OREGON.

Office Morgan Bailey Block, up stairs, rooms 12, 13 and 15. Residence, S. W. Cor. Base Line and Second streets. Both 'Phones.

J. E. ADKINS,  
DENTIST,  
HILLSBORO, OREGON.

OFFICE HOURS: 9 a. m. to 4:30 p. m.

Office in Union block over Pharmacy.

A. B. BAILEY, D. D. S.  
DENTIST,  
HILLSBORO, OREGON.

Rooms 10 and 11 Morgan-Bailey bldg.

Office Hours: 9 to 12 and 1 to 4 p. m.

R. NIXON,  
DENTIST,  
FOREST GROVE, OREGON.

Best work, and teeth \$5.00 per set. Cement and Amalgam fillings 25 cents each. Gold fillings from \$1 up. Vitriol air for painless extraction.

OFFICE: three doors north of Brick store. Office hours from 9 a. m. to 4 p. m.

Easiest of access among all the Canons of Colorado, being situated on the main line of the Denver & Rio Grande between Canon City and Salida in the front range of the Rockies, is the most spectacular, awe-inspiring and magnificent. Down this mighty cleft in the heart of the granite rock-barrier rush the raging waters of the Arkansas River, hushed into foaming fury and dashed into splashing spray by its swift descent through the tortuous defile. So narrow is the passage at one point that there was no room for both the road and river, and therefore a curiously constructed bridge of steel had to be thrown lengthwise of the stream, suspended from iron supports mortised into the canon walls on each side to the right and left. And right here can be seen the climax of all the canon's grandeur, that which has been aptly called "The Royal Gorge." For two thousand six hundred feet the solid monoliths soar upward—five times as lofty as the Washington Monument, the highest permanent structure reared by the hand of man. No words can adequately describe the magnificence of the scene. Only those who have beheld its glories can appreciate them.

This is but one of the many wonders of nature revealed to the traveler on the Denver & Rio Grande Railroad, "The Scenic Line of the World." For detailed information about this most delightful trip to the East, Address J. D. Mansfield, Gen. Agt., Rio Grande System, Portland, Oregon.

## HOME STUDY COURSE

Self Education Through the Medium of Specially Prepared Articles by Prominent Instructors

### Little Creatures About Our Homes

By LE ROY WELD

#### XII.—What Experiments With Ants Teach Us.

THE study of ants is fascinating and profitable recreation for the long summer months. How to begin may be learned from what follows, and once started you will need no further directions.

In the first place, it will be necessary to induce a colony of ants to build their nest in a place so situated that you can readily observe them at any time. Fortunately this is a very easy matter, and if you observe carefully the following instructions you will have no trouble:

Get two pieces of window glass about 10 by 12 inches and four strips of wood about half an inch wide and an eighth of an inch thick, two of them being half an inch shorter than the length of the glass, one as long as the width of the glass and the fourth about two inches shorter than the width of the glass.

These strips may be obtained by splitting up the bottom of a peach basket. By means of some good glue cement these strips firmly to the surface of one plate of glass around the edges and then cement the other plate down upon them.

This will make a space between the plates of glass about 9 by 11 inches and an eighth of an inch high, inclosed all around except about an inch at one corner.

When the glue has thoroughly hardened, the space between the plates must be filled with very fine, dark earth, which should be sifted if possible. This may prove a long and tedious process, and it will be better to leave out the shorter strip along the end until the dirt is in. It should then be placed in, however, in order to keep the dirt from drying out. This apparatus is to be the artificial nest of the ants.

Before introducing the colony into this nest it is necessary to provide some means of confining them. There are various ways of doing this, the best one being to surround the nest with water by laying it on a piece of lath board, setting the board in a shallow pan and pouring a little water around it. Great care must be taken not to get water in the nest.

Now to introduce the colony get a large tin can or a tin pail with a tight cover and a trowel or spade. Go out and look until you find what appears to be a thrifty nest in the ground. Open your tin can, dig up the nest, ants and all, with one dip of the spade, thrust it into the can and clap on the cover.

Carry your prize home, set it on the glass nest, surrounded by water, and cautiously take off the cover. The ants will immediately swarm over everything as far as the water, and you must take care that none gets drowned during the excitement.

Very soon, however, they will become more calm, and it is very probable that in less than ten minutes some of them will find the opening into the artificial nest and at once begin excavating it.

Inside of one day they will have an elaborate nest dug, with its main hall and long tunnels, and will be thoroughly established in it.

You should now dump the dirt from the can out upon the nest and, using a broad knife blade, take it up a little at a time, carefully pick out any larvae (little white grubs) or pupae (cocoon) that the ants have not already removed, place them near the mouth of the nest and throw the dirt away. The nest should now be covered with a sheet of pasteboard to keep out the light, which the ants dislike.

By removing the pasteboard at any time you will be able to watch these little creatures in their new home. You can learn more about their mode of living by observing them for a few days than could be written in a whole book. The nest should be kept in a warm, light place, preferably before an open window, and the ants should be fed with a variety of things, such as small grubs, insects, bits of meat, fruit, honey, sugar, etc.

The nest should not be shaken or disturbed in any way, and the pasteboard should be kept over it when you

are not looking at it.

Before saying anything about the senses and powers of these insects let us examine the structure of their tiny bodies. Much may be learned by simply looking at them, especially if they belong to one of the larger species.

A glance will show that the three divisions of the body—head, thorax and abdomen—are quite distinct and that the abdomen is fastened to the thorax by what looks like a short stem with a knot in it. Under a small magnifier the head is seen to be provided with a pair of powerful feelers, or mandibles, a pair of feelers, or antennae, and a pair of compound eyes. There are also three small, simple eyes in the top of the head. Close study with a powerful microscope reveals the fact that there are in the tips of the feelers organs that seem to be designed for taste, and it is also thought that the sense of smell is located in those feelers, as will be seen presently.

The scientist who has probably studied the habits of ants more patiently and carefully than any other is Sir John Lubbock. The results of his many experiments to determine something of their senses and intelligence are truly marvelous. He made extensive tests of their senses of sight, smell and hearing and of their powers of communication and recognizing each other, some of which will be briefly described.

It is very evident that ants have a more or less definite sense of sight. However, it is probable that they cannot see objects distinctly at any great distance, from the fact that they apparently take no notice of things going on around them, except those in their immediate vicinity, within a few inches.

One thing which Lubbock clearly proved is the fact that ants have the power of distinguishing colors and also that bluish and violet colors are not agreeable to them. He did this mainly by laying pieces of colored glass over the nest in broad daylight and watching the behavior of the ants under the different colors.

The sense of smell is also highly developed in ants. This is shown by the fact that they will go directly to honey, syrup, etc. in the dark and will even crawl through narrow, indefinite cracks and openings to get into the sugar box, as we all know.

Lubbock made some experiments which lead us to believe that the sense of smell is located in the antennae. He accustomed the ants to walking over a strip of paper to get their food and then hung a camel's hair brush dipped in musk, peppermint or other strong scent directly over this paper. The ants would often stop and turn back on smelling the perfume, indicating that it was disagreeable to them. On slowly advancing a feather dipped in perfume toward an ant that was at rest the ant drew back the antennae, whereas an unscented feather had no effect.

No such results, however, were obtained by Lubbock in his experiments on the sense of hearing. In fact, all of his experiments had decidedly negative results, and scientists generally accepted the apparent fact that ants cannot hear. But Lubbock carefully avoided concluding that ants are really deaf, and some experiments made by the author several years later seem to point to the opposite conclusion.

One experiment performed on several nests containing different species may be described as most significant. The ants in a nest all being perfectly quiet, a shrill note was blown on a whistle near the nest, great care being taken that the ants should not be disturbed in any other way. Immediately there were confusion and alarm, the ants running excitedly hither and thither, carrying their eggs, grubs and cocoons, which were usually piled at one side of the main hall of the nest, off into the long passages, evidently endeavoring to hide them. This was the invariable result whenever the experiment was tried.

Strange to say, these same ants were not apparently much alarmed when any one tapped on the glass nest, or even picked it up and handled it. Many experiments with single ants resulted in the insect willy waving its antennae when compelled to listen to shrill sounds, thus indicating the location of the sense of hearing in these organs.

The author would be much pleased to receive communications relating to further experiments along this line, and many young people throughout the country might make themselves useful to the scientific world in just this way.

Sir John Lubbock made some in-

Continued on Second Page.

#### Tendency of the Times.

The tendency of medical science is toward preventative measures. The best thought of the world is given to the subject. It is easier and better to prevent than to cure. It has been fully demonstrated that pneumonia, one of the most dangerous diseases that medical men have to contend with, can be prevented by the use of Chamberlain's Cough Remedy. Pneumonia always results from an old or from an attack of influenza (grip), and it has been observed that this remedy counteracts any tendency of these diseases toward pneumonia. This has been fully proven in many thousands of cases in which this remedy has been used during the great prevalence of colds and grip in recent years, and can be relied upon with implicit confidence. Pneumonia often results from a slight cold when no danger is apprehended until it is suddenly discovered that there is fever and difficulty in breathing and pains in the chest, then it is announced that the patient has pneumonia. Be on the safe side and take Chamberlain's Cough Remedy as soon as the cold is contracted. It always cures. For sale by Delta Drug Store.

#### Better Than Gold.

"I was troubled for several years with chronic indigestion and nervous debility," writes F. J. Green, of Lancaster, N. H. "No remedy helped me until I began using Electric Bitters, which did me more good than all the medicines I ever used. They have also kept my wife in excellent health for years. She says Electric Bitters are just splendid for female troubles; that they are a grand tonic and invigorator for weak, run down women. No other medicine can take its place in our family." Try them. Only 50c. Satisfaction guaranteed by Bailey's Pharmacy.

#### Escaped an Awful Fate.

Mr. H. Haggins of Melbourne, Fla. writes, "My doctor said me I had consumption and nothing could be done for me. I was given up to die. The offer of a free trial bottle of Dr. King's New Discovery for Consumption, induced me to try it. Results were startling. I am now on the road to recovery and owe all to Dr. King's New Discovery. It surely saved my life." This great cure is guaranteed for all throat and lung diseases by Bailey's Pharmacy. Price 50c & \$1.00. Trial bottles free.

The scratch of a pin may cause the loss of a limb or even death when blood poisoning results from the injury. All danger of this may be avoided, however, by promptly applying Chamberlain's Pain Balm. It is an antiseptic and quick healing liniment for cuts, bruises and burns. For sale by Delta Drug Store.

#### Mysterious Circumstances.

One was pale and sallow and the other fresh and rosy. Whence the difference? She who is blushing with health uses Dr. King's New Life Pills to maintain it. By gently arousing the lazy organs they compel good digestion and head off constipation. Try them. Only 25c, at Bailey's Pharmacy.

The peculiar cough which indicates croup, is usually well known to the mothers of croupy children. No time should be lost in the treatment of it, and for this purpose no medicine has received more universal approval than Chamberlain's Cough Remedy. Do not waste valuable time in experimenting with untried remedies, no matter how highly they may be recommended, but give this medicine as directed and all symptoms of croup will quickly disappear. For sale by The Delta Drug Store.

#### Nearly Forfeits His Life.

A runaway almost ending fatally, started a horrible ulcer on the leg of J. B. Orner, Franklin Grove, Ill. For four years it defied all doctors and all remedies. But Bucklin's Arnica Balm had no trouble to cure him. Equally good for Burns, Bruises, Skin Eruptions and Piles. 25c at Bailey's Pharmacy.

#### A Mother's Recommendation.

I have used Chamberlain's Cough Remedy for a number of years and have no hesitancy in saying that it is the best remedy for coughs, colds and croup I have ever used in my family. I have no words to express my confidence in this remedy.—Mrs. J. A. Moore, North Star, Mich. For sale by Delta Drug Store.

#### HILLSBORO, COUNTY SEAT OF WASHINGTON COUNTY, ORE.

Hillsboro, the county seat of Washington county, 17 miles west of Portland on the line of the S. P. Railroad, with a population of 1500 is the chief city of the county, while the county contains over 50 postoffices and trading points. Hillsboro owns its own electric plant also its water works, it is but a matter of a few years until Hillsboro becomes the home of hundreds of Portland business men, in fact, all the details such as right of way, city franchises, permanent surveys etc., for an electric railway from Portland to Hillsboro have just been completed and active constructive work will be commenced in a few weeks, and happy will be the farmer who finds himself in possession of one of our beautiful farms. Hillsboro has two flouring mills, machine shops, foundry, and bank, and is the business center of the county, while its morality is vouched for when we state that there are five church edifices of the leading denominations, and its beneficiary organizations are second to none in the state, it was the home of our late and much lamented Congressman, Thomas H. Tongue. Our county court-house occupies a well kept block or square in the business center of the town. Hillsboro maintains a Board of Trade composed of the leading business men of the town, its officers are, President, Senator Wehrung; Secretary, F. M. Heidel and Treasurer, W. V. Wiley, it also sustains a well kept and fully equipped fire department and many of its buildings are of substantial brick construction. Hillsboro is surrounded by the most delightful part of Washington county. "The North Plains" on which fields of waving grain reach from the city limits for miles and miles to the rugged slopes of the Pacific Coast range of mountains.

Washington county, situated in the north west part of the Willamette valley, is one of the finest agricultural and dairy sections in this great Pacific Northwest. Washington county is located in a large basin, that, in pre-historic times, was an arm of the "Grand Old Pacific" thus being a filled in or an alluvial formation of soil, which accounts for Washington county's great fertility and productive qualities; on the east it is bordered by the Portland range of hills, the Chehalis on the south and the coast range on the west and north, forming a basin about 25 miles across, watered by the Tsallin river, which is fed by a thousand springs on every side of the basin and which irrigate every portion as they flow down and mingle together and form the Tsallin, a navigable stream which empties in the Willamette river about fifteen miles from the confluence with the "Mighty Columbia."

No line area can compare with Washington county in its productiveness, and there are thousands of acres of this rich land yet to be made productive; with a constantly growing urban population to accelerate the market together with Portland at its very door. Washington county gives better promise for the farmer, the market gardener, fruit raiser, the dairyman and he who seeks a suburban and profitable home than any other county in the state; its location is the key that is aiding in unlocking a greatness. Hear what the Oregonian, the greatest paper in the north west, says: "Location is the great secret of the present and future of Washington county, more than one half of its farmers can drive to Portland with a load of products and return the same day, this proximity to the greatest market of the northwest makes Washington county an ideal field for farm, dairy, fruit and livestock productions."

Washington county's climate, of which if the truth were spoken many would be loath to believe: Washington county is situated forty-five miles from the Pacific ocean and is protected from its dampness and fog by the Coast Range, yet, is sufficiently near to partake of its gentle, balmy influence bereft of that great ocean scourge "fog." It is true the Oregon rains are a little disagreeable, but it offers no dread to the acclimated, its rains are moderate and gentle and not of the Eastern "down pour" kind, indeed it seldom rains to prevent the farmer from habitually going about his work; but it is the source and foundation of our wealth, good crops, therefore is welcomed.

Washington county is out of debt, and is on a solid financial basis, each year's tax pays the current expenses, which the state's secretary's report show to be less than all other counties in the state, being only \$1.60 per capita. We are not weighed and borne down by that barnacle of industry "interest."

Washington county's grains: It is the natural home of the grains, in fact such is our soil and climate that it will profitably respond to almost any amount of cultivation, according to the enterprise of each individual farmer so he will reap. The Washington county grain received first premium at the 1902 State Fair at Salem.

Washington county's dairying has made wonderful strides the past few years; good creameries are now located in every nook and corner of the county, also two extensive Milk Condensing factories; with the Tsallin river and a thousand of other springs watering its nearly 500,000 acres within its beautiful borders, makes its dairying possibilities second to none in the state; indeed Washington county's natural and tame

grasses are the pride of the state of Oregon, grass grows and cattle fatten without the aid of man, and owing to this spontaneous growth of the wild grasses and the abundant crops of the tame grasses our country ranks first in its dairying possibilities.

Washington county fruits, which include almost all the known kinds the quality, quantity, flavor, size and variety of Oregon's fruit is surpassed by none. Washington county took first premium on Oregon fruit at the 1902 State Fair.

Washington county hops: This is one of our most remunerative crops, and are famed far and wide; many of the Washington county farmers who on account of this year's high prices have cleared and banked from \$5,000 to \$10,000 on their 1902 crop of hops and many are the premiums that the Washington county hops have been awarded at the State Fair.

Washington county onions: "Beaverdam" the very name signifies wealth, many are the well stored stacks of the great productivity of which we will quote one, J. C. Hare, one of our progressive farmers raised from one acre of this beaverdam land 722 sacks of onions and received for the same \$1,414, this of course is very exceptional, the average being about 500 sacks per acre.

Washington county's timber: Nature with its beautiful hand did not forget us along this line, but she supplies us with this great and useful commodity in such immense quantities that the world is looking longingly forward for a share of its supply, which is now being opened up to commerce.

#### Heidel & Wall, Real Estate.

In compiling and presenting the above descriptive article on Hillsboro and Washington county we have been furnished much information and many facts by Mr. F. M. Heidel of the firm of Heidel & Wall; Hillsboro's principal real estate firm, which is much interested in Hillsboro, and identified in an active way with the growth and development of this promising community. Heidel and Wall are thoroughly versed in the real estate and land values of Washington county and are agreeable and reliable gentlemen with whom to deal; and home seekers or investors will find the firm ever ready to advise or assist them. They will be pleased to furnish for the asking—any information wanted. Besides the Hillsboro office, a branch office is maintained at 320 Stark street, Portland, where is exhibited a collection of Washington county products.

#### H. Wehrung & Sons, Merchants.

In the business arena of Hillsboro are some active, conversant and well facilitated merchants conspicuous among whom is H. Wehrung & Sons we know to the trade as general merchants in the true sense of the term. The firm is slightly quarantined in its commodious and substantial brick building, with 4,000 square feet of floor space that's appropriately shelved and counter, presenting the appearance in every way, of a modern mercantile house. Here is displayed year in, and year out, a clean, wholesome and up-to-date general stock, the cardinal lines being a grocery department, a dry goods, notions, shoes and furnishing goods department, and another, a complete men's furnishing department of clothing, furnishings, shoes, and hats for the masculine sex. The range of the cosmopolitan stock asserts unmistakably the versatility and alertness of the suave management in meeting the wants of the housewife, rancher and townsman in a general way, for the past twenty years or over. Probity and conservative effort have ever characterized the business principles of H. Wehrung & Sons.

#### Tilbury & Whitlow, Meat Market.

To be accessible to a well ordered market in all respects is a source of much satisfaction. The neat and inviting and well kept Central Meat Market conducted by Tilbury and Whitlow, showing the choicest and most toothsome fresh and cured meats, home rendered lard and kindred supplies. Tilbury and Whitlow have been swinging the cleaver and saw in the interests of the town's people here since November last, succeeding J. D. Housley, and are ever assiduous and civil in handling their fast growing business as dealers in live stock and dressed meats, and as butchers.

#### A. C. Archibald, Hardware.

The above named gentleman is associated with the trade of hardware as a live, staunch and old exponent utilizing a neat substantial and very suitable building that is stocked with merchantable and cosmopolitan lines of general hardware, mechanics tools, stoves, ranges and house furnishing goods; also pipings and plumbing supplies. A. C. Archibald is abreast of the times as the general tone of the place and the range of the stock at once suggests. He is the recipient of a goodly share of the retail trade coming to this point or from this part of the county.

#### Redmond & Sappington, Livery.

It is doubtful if any branch of business is of more importance or more indispensable to the convenience and welfare of any town or city than that of a well ordered or well managed livery, from either a business or pleasure standpoint. A livery, safe and stable of this calibre is doing business in our midst under the direction of its owners, Redmond & Sappington. The City Livery Stable is meeting the demands of the public in a most creditable way, with a barn

well arranged for "man's best friend." This stable maintains some "high steppers" and speedy driving animals and attractive and appropriate vehicles for all uses for business or pleasure service. This phase of Hillsboro's business is entrusted into capable and experienced hands.

#### J. F. Magruder, Druggist.

An intelligent public will quickly concede the importance of being in close touch with a reliable and well appointed drug establishment, that's under capable and painstaking management. We lay claim to such an one here under the endorsement of J. F. Magruder but under the caption of the Delta Drug Store, that has been fulfilling its mission to the satisfaction of an appreciative clientele since 1896, always handling a stock that's up to the standard in every way—comprising drugs, medicines, and chemicals including his Delta Cough Syrup, a specific for coughs, colds and lung troubles, and his Delta Anodyne Liniment and Eucerin Paraffin, both of which he has large sales on, and sundries and the many dainty articles for the lady's toilet case. The Delta Drug Store is tendered an especially liberal share of the prescription work from a public that reposes confidence in the vigilance that's maintained behind the case. The general tone of the place at once attests to its progressive management.

#### J. A. Kremis, Grocerer.

What an intelligent public is quick to see, and readily responds to the merchant, or firm that identifies itself with its better interests, is well told in the favor and patronage that's tendered J. A. Kremis, our live groceryman and purveyor to the market. The exceptionally neat and inviting premises are ever replete with a wholesome, full and varied assortment of "good things to eat," groceries, provisions and table delicacies, Queensware crockery, notions, field and garden seeds; where maid or matron get the same courteous and prompt attention. J. A. Kremis maintains a vigilant front delivery service and affords the public every advantage to be had in good business methods. He has been doing business here since Oct. 10th, succeeding J. M. Brown.

#### O. M. Pope, Photographer.

Possibly it may appear that as every photographer uses the same general methods and operates with similar appliances that all are alike skillful. But this is no more true than that pen, ink and paper make the same author. The artistic specimens shown at gallery and studio of photographer O. M. Pope is illustrative of the possibilities of the gifted artist. Of course, experience and equipment are vital ingredients that success in portrait photography requires. But more than these is the worth of perception and posing,—a knack that distinguishes the artist from the ordinary camera-snapper—and it is this faculty of likeness making that has brought Pope into good repute. A special discount will be made on all frames for next two weeks.

#### F. R. Dailey, Bicycle Dealer.

The bicycle dealer like the bicycle is a product of modern times, and like all a higher order of business men of a higher order of business to win. The sale of up-to-date makes and models of wheels including Rumberlars and sundries from leading American manufacturers, are looked after here by our well versed dealer, F. R. Dailey—handling guns, firearms, ammunition, bicycles and sundries—who has for three years enjoyed a reputation for showing each season's best productions—as well as a reputation for reliability and civil and agreeable dealings with the people and it is these bases that F. R. Dailey has built up and maintained a splendid patronage as repairer and dealer.

#### W. C. Donelson, Furniture.

Pleasantly located in well lighted premises is W. C. Donelson, an exponent of furniture and house furnishing goods, etc; where is handled a varied stock that is up to a good standard comprising all the requisites that it takes to furnish "a home complete" from top to bottom. W. C. Donelson is accorded a volume of business that only comes to the man who is straight-forward; hence it is that this furniture house is a much prized factor in supplying the wants of an appreciative public. As an upholsterer and general director Mr. Donelson is no less known as a man of strict integrity.

#### U. S. Gardner, Blacksmith.

The business public finds in the general blacksmithing shop operated by U. S. Gardner—a place where it gets good workmanship, prompt service and fair dealing, along the lines of general blacksmithing, horse-shoeing, carriage and wagon work and repairing. U. S. Gardner is occupying a well arranged and amply fitted up shop where he has good facilities and is handling a liberal part of the business in the several departments that comes from all points of the compass. Horse-shoeing is an important feature and receives the most vigilant care from a class of patrons that respond to the man that "does things right." Mr. Gardner came to Hillsboro thirteen years ago from Michigan.

#### To be Continued next week.