

Where Wood Comes From

If we were to take up a handful of soil and examine it under the microscope, we should probably find it to contain a number of fragments of wood, small broken pieces of the branches, or leaves or other parts of the tree. If we would examine it chemically, we should find yet more strikingly that it was very nearly the same as wood in its composition. Perhaps, then, it may be said, the young plant obtains its food from the earth in which it grows. The following experiment will show whether this conjecture is likely to be correct or not. Two hundred pounds of earth were dried in an oven, and afterwards put into a large earthen vessel. The earth was then moistened with rain-water, and a willow tree, weighing five pounds, was planted therein. During the space of five years the earth was carefully watered with rain-water or pure water. The willow grew and flourished, and to prevent the earth being mixed with fresh earth, or dirt being blown upon it by the winds, it was covered with a metal plate full of minute holes which would let everything but air from getting access to the earth below it. After growing in the earth for five years, the tree was removed, and on being weighed, was found to have gained one hundred and sixty pounds. And this estimate did not include the weight of the leaves or dead branches, or which in five years fell from the tree. Now came the application of the test. Was all this obtained from the earth? It had not, as we have mentioned, but in order to make the experiment conclusive, it was again dried in an oven, and put in the balance. Astonishingly, the result, the earth weighed only two ounces less than it did when the willow was first planted in it. Yet the tree had gained one hundred and sixty pounds. Manifestly, then, the wood thus gained in this space of time was not obtained from the earth; we are therefore compelled to repeat our question, "Where does the wood come from?" We are left with only two alternatives. The willow, which it was refreshed on, or the soil in which it grew. It can be shown that it was not drawn from the soil, as it was derived from the former.

J. C. KREITZER, JUSTICE OF THE PEACE, Chapman Township Snyder Co., Pa. Conveyancing, collecting and all other business relating to the office will be promptly attended to.

JOHN K. HUGHES, Esq., JUSTICE OF THE PEACE, Penn Twp., Snyder Co., Pa.

A. G. HORNBERGER, JUSTICE OF THE PEACE, Perry Township, Snyder County, Pa. Conveyancing, collecting, and all other business relating to the office will be promptly attended to.

J. I. MONBECK, Justice of the Peace, Adamsburg, Snyder Co., Pa. It is his office at the above mentioned place on MONDAY and SATURDAY from 10 o'clock until 4 o'clock, on all business relating to his office, will be attended to from 10 to 12 o'clock.

S. A. WITZEL, Justice of the Peace, Bristowtown, Snyder Co., Pa. All kinds of collections made on liberal terms. Promptly attended to. All business related to his office. (May 20, 1875)

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G. W. GRANBOLD, Justice of the Peace, & WATCHMAKER, Market Street, Middleburg, Penn'a. Conveyancing in all the Counties. Selected REPAIRS, CLOCKS, WATCHES and Jewelry at Short Notice. Watches For Sale.

I. O. O. F. MUTUAL LIFE Insurance Society of Pa. OFFICERS: HOWARD BASSLER, President, H. W. STAFFER, Vice President, J. W. SCHIFF, Secretary, H. F. ARNOLD, Treasurer.

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MERCHANTS' HOUSE, 413 & 415 NORTH THIRD STREET, PHILA PA. Reduced Rates \$1.75 per day. HENRY SPAHN, Prop'r. C. W. SPAHN, Clerk.

Dress Making &c. THE undersigned having moved to 413 & 415 North Third Street, Philadelphia, Pa. has removed his business to that place. SEWING, FITTING, CUTTING, DRESS MAKING, SHIRT MAKING, and doing everything in the line of Seamstress done in the best and most skillful manner. Please give us a call. Mrs. J. A. BAIL, MISS LUCY BAIL.

DR. J. W. ROCKEFELLOW, PHYSICIAN AND SURGEON, offers his professional services to the citizens of Middleburg and vicinity. Aug. 1874.

DR. GORDNER'S Great Medical Discoveries. MAY FLOWER AND GENTIAN. Be careful for Liver Complaint, Irritation, Inflammation of the Gall and General Debility. Female Weakness, a Dull or Stagnant Liver, Biliousness, Headache, a Pain in the Side, Constipation, Dropsy, and other ailments which attend the Liver and Gall, and which are not cured by any other medicine.

THE INDIAN COMPOUND. One of the most powerful medicines ever discovered in the history of the world. It is a specific for all the ailments of the Liver and Gall, and is a most valuable remedy for all the ailments of the Liver and Gall.

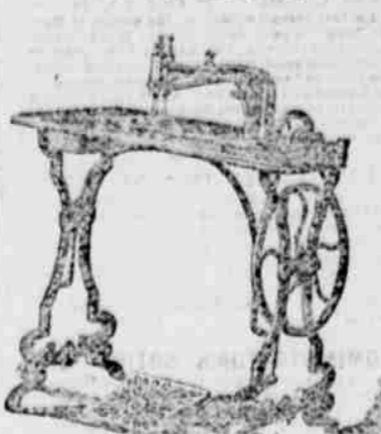
HORSE AND CATTLE LINIMENT. This celebrated Liniment has no equal in the world for the relief of all the ailments of the Horse and Cattle. It is a most valuable remedy for all the ailments of the Horse and Cattle.

GORDNER'S PLEASANT LIVER PILLS. For the relief and cure of Bilious Complaints of all kinds, Fevers, Jaundice, Dropsy, Indigestion, Impurity of the Blood, &c.

GORDNER'S FLEA REMEDY. In a sure cure for Bleeding and Itching Fleas. Full directions for use accompany each and every package of this medicine. Be careful to see that Dr. J. W. Rockefellow's name is printed in every label. Information on any disease cheerfully furnished.

DR. J. W. ROCKEFELLOW, Light Street, Columbia Co., Pa. For sale at all legitimate and reliable stores.

THE NEW GROVER & BAKER LOCK STITCH Sewing Machine.



The Grover and Baker machine for every family. It is the most perfect and durable machine ever made. It is the most perfect and durable machine ever made.

Sixteen Years. The Grover and Baker machine for every family. It is the most perfect and durable machine ever made. It is the most perfect and durable machine ever made.

J. S. FARNSWORTH, Importers of Groceries, Queensware, Hardware, Willowware, Coalware, Glassware, &c. All of which having been bought very low, we will sell at very small profits.

CHALFANT JONES & CO., Importers of Groceries, Queensware, Hardware, Willowware, Coalware, Glassware, &c. All of which having been bought very low, we will sell at very small profits.

Y. H. WAGNER, Esq., JUSTICE OF THE PEACE, Jackson Township, Snyder Co., Pa. Attention to all business entrusted to his care and on the most reasonable terms.

BROWN HOUSE, BAKERVILLE, Chester Station, HENRY DENVER, Proprietor. The most comfortable and best situated for a family or for a single person. The food is the best and the service is the most attentive.

NEW STOCK. A. K. GIFT'S NEW CASH BOOK AND STATIONARY STORE, on the North side of Market Street a few doors west from the Court House.

THE undersigned would inform his friends and the citizens of Middleburg and vicinity that he has removed his business to 413 & 415 North Third Street, Philadelphia, Pa.

Miscellaneous Books, School Books, Blank Books, Wallets, Pocket Books, Bibles & Religious Books, ALBUMS AND PICTURES, All kinds of Papers, Ink and Fancy Goods.

WASHINGTON HOUSE, BELTON, PA. NICHOLAS SIMON, Proprietor. This house has been furnished with the best furniture, and the proprietor will spare no pains to make his guests comfortable.

HENRY A. WOLFFLEY, Saddler and Harness Maker, Centreville, Snyder County, Penna. We have on hand and make to order all kinds of Harness, Saddles, Breeches, Whips, Collars, &c. All our work is guaranteed for one year.

WILLIAM SPANGLER, MANUFACTURER OF Carriages, Buggies & Sulkies, Beaver Springs, Snyder Co. Pa. I warrant all work manufactured by me. Repairing of all kinds promptly attended to on short notice and reasonable terms.

"WHAT WOMAN SHOULD KNOW." A Woman's Book about Women, by a Woman. The only work of the kind ever written by a woman. It is a necessity in every household.

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NEW BUILDINGS AND NEW PRICES. WAGENSELLER & SON, hereby respectfully inform their friends and the public generally that they have opened a STORE in their

NEW BUILDINGS. In the Ladies' Department will be found a full line of SILKS, POPLINS, BRILLIANTS, VICTORIA LAWNS, FIGURED ALPACAS, SWISS MULLS, CAMBRICS, PRINTS, JACONETS, DELANES, Striped and Checked Nauticals, &c.

A Great Variety of Ladies' Dress Trimmings, Latest style Hoop Skirts, French Corsets, Full style Balloons, Ladies' Labels, Parasols and Sun Shades, Bonnet Ribbons, Laces, Buttons Embroidered, Linen and Paper Collars, &c., &c., &c.

ASPLENDID ASSORTMENT OF BOOTS & SHOES. For Ladies, Misses and Children, in all the latest variety, of all sizes, styles and prices, selected for the Fall and Winter trade.

A full and complete stock of CLOTHS, PLAIN AND FANCY CASSIMERES, COTTONADES, JEANS, &c., &c. COAL OF ALL KINDS! Groceries, Queensware, Hardware, Willowware, Coalware, Glassware, &c.

We also carry the highest market price for all kinds of grain. WHEAT, RYE, CORN, OATS AND SEED. We are prepared also to store goods of a small quantity, and to make general Commission and Forwarding Business.

W. F. WAGENSELLER, M. L. WAGENSELLER. We hope that the public generally will give us a call, as we believe it is their interest to do so before procuring elsewhere. Give us a trial.

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J. B. SELLEMEYER DEALER IN HARDWARE, Iron, Nails, Steel, Leather, Paints, Oils, Coach & Saddlery Ware AND MANUFACTURER OF Stoves & Tinware, MARKET STREET, Lewistown, Penn'a.

November 2, 1874. Philadelphia and Reading Rail Road. WINTER ARRANGEMENT. JAN. 17th, 1875.

Trains leave Herndonville as follows (Sundays Excepted). For Shamokin, 10.49 11.09 a.m. and 3.40 p.m.

Trains for Herndonville leave as follows (Sundays Excepted). Leave Shamokin, 8.09 a.m. 1.50 and 3.55 p.m.

Trains leave Herndonville as follows: For New York, 5.26, 8.19 a.m., 2.00 and 7.19 p.m.

Sundays. For New York, 5.15 p.m. Leave Philadelphia, 7.00 p.m. Via Harris & Essex R.R.

Trains for Harrisburg leave as follows: Leave New York, 9.02 a.m. 12.10 and 6.15 and 7.15 p.m.

WEST STREET HOTEL, Nos. 41, 42, 43 & 44 West St. NEW YORK. A Temperance House. ON THE EUROPEAN PLAN.

JOHN LAUDENSLAGER, Buggy Maker. Having purchased the well known stand in Middleburg, formerly owned by Philip Blesker, I am prepared to accommodate all who may desire anything in my line, and accept satisfaction from all.

DAVIS HOUSE, No. 116 North Third Street, PHILADELPHIA. JOHN CLAWER, Proprietor. January 1, 1874.

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1874. WINTER. 1875. JUST OPENED. Geo. Alfred Schoch. A LARGE ASSORTMENT OF PRINTS, MUSLINS, DRY GOODS, Fancy Cassimeres, Ready Made Clothing, Hats and Caps, Shoes, Hosiery, Gloves, Notions, Shawls, Fans, Parasols and White Goods.

ALSO--A FULL LINE OF GROCERIES, Sugars, Coffees, Teas, Spices, Syrups, Fish, &c., &c. TOBACCO, SNUFF AND CIGARS. ALSO--Queensware, Glassware, Tubs, Pails, Baskets, Etc., Etc.

I have selected the above goods with great care, and ask an examination of the same by those wishing to purchase. Call and see for yourselves. Compare my prices with others. Satisfied or my friends for their patronage in the past, I respectfully solicit a continuance of the same. (June 20, 1874.) G. ALFRED SCHOCH.

NEW STOCK OF FALL AND WINTER GOODS at ISAAC BEAVER'S.

The subscriber would inform his friends and the citizens in Middleburg and the surrounding country, that he has just returned and is now opening a large stock of all kinds of DRY GOODS, such as Cloths, Kentucky, Jeans, Col- every Style and quality, also Ladies' Dress Goods, SILKS, ALL WOOL DELANES, Hats and Caps, Merinos, Pardies, &c. &c. all prices low and very cheap.

Carpets, Floor, Table, & Stair Oil Cloth, BOOTS AND SHOES, Hardware, Queensware, Tin & Glassware, Wood & Willowware, Coffee, Sugars, Syrups, Molasses, Teas, of all kinds, and at Low Prices, Cigars & Tobacco, FISH & SALT, Wholesale and Retail.

The Highest Market Price Paid for all kinds of COUNTRY PRODUCE, Dried Fruit, Potatoes, &c. Also: Dealer in ALL KINDS OF GRAIN & SEEDS, for which the Highest Price in CASH will be Paid. ISAAC BEAVER, Middleburg, Snyder Co. Pa.

Middleburg Grain Market. Corrected Weekly by ISAAC BEAVER. Wheat Now, 90 to \$1.00 | Rye, 65 to 70 | Oats, 50 to 55

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H. W. STAFFER, TOBACCONIST & CIGAR MAKER. Womelsdorf, Berks County, Pa. Always keeps on hand the best brands of CIGARS in Market. Also excellent Smoking and Chewing tobacco. [August 12]

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COAL! COAL!! COAL!!! The undersigned would respectfully announce to Lime burners and consumers generally that he has just opened on hand ALL KINDS OF COAL! Pea Coal a Specialty. Prices to Suit the Times. GRAIN! RAILROAD TIES!

All kinds of Grain and Railroad Ties taken in exchange for Coal. Yard in Franklin. For Sale.

ST. ELMO HOTEL, formerly THE UNION. Nos. 317 and 319 Arch Street, PHILADELPHIA. Accommodations at \$2.50

LEVI RELLER, Manufacturer of and dealer in FURNITURE. Would respectfully inform the citizens of Selinsgrove and vicinity, that he manufactures or orders and keeps constantly on hand CHAIRS OF ALL KINDS, AND Furniture of every Description at the very lowest price. He respectfully invites an examination of VERSTEDS, BUREAUS, TABLES, SOFAS, LOUNGES, STANDS, CHAIRS, &c. A special invitation is extended to all my married friends to call and see my stock of furniture elsewhere. LEVI RELLER, Selinsgrove, April 16, 1874.