

The Glasgow (Scotland) Herald says that Prof. H. D. Rogers—formerly State geologist of Pennsylvania, but now professor of natural science in the Geographical Society of that city on the 26th of February, on "Coal, its Distribution, Power and Product."

There are three chief peculiarities observable in every seam of coal. First, an invariable stratum of fire-clay—the fire-clay of the Scottish fields—which evidently served as a bed for the roots of trees, and for the overlying profuse matter of coal vegetation.

Second, the vegetation itself, often accumulated in immense thickness, compressed, macerated, and in its upper portion, stratified and laid over by the action of the water.

Third, the overlying shale or roof of the coal seam, containing, in the soft mud or fine sand of which it has been composed, beautiful impressions of ferns and other plants characteristic of coal age.

Another striking characteristic of coal seams is their uniform stratification, especially in the upper layers, showing conclusively that the seams have been subjected to the leveling action of water in the vast bays and lagoons in which the vegetable mass first grew and then subsided.

There are different qualities of coal—anthracite, or compressed coke, semi-bituminous and bituminous—in one great coal field in Pennsylvania. The bituminous coal, which is in one part upon a vast scale distilled into bituminous matter from coal that was once bituminous, and at the centre of greatest heat, anthracite was produced.

For Sale & To Rent. THE BUILDING ON THE CORNER OF WALNUT AND SHORT STREETS, used as a JEWELRY SHOP.

FOR SALE—A House and Lot on Sixth street, near State. Enquire at the Exchange Office of B. L. MULLOCH.

Miscellaneous.

PENSIONS, BOUNTIES, BACK PAY, War Claims and Claims for Indemnity. STEWART, STEVENS, CLARK & CO., Attorneys and Counselors-at-Law, and Solicitors for all kinds of Military Claims.

THIS firm, having a thorough knowledge of the Pension Laws, and being in the practice in all the Departments of Government, believe that they can afford greater facilities to Pension, Bounty, and other Claimants, for the prompt and successful accomplishment of business entrusted to them, than any other firm in Washington.

These charges will be ten dollars for officers and five dollars for privates for each Pension, Bounty, and Back Pay obtained, and ten per cent. on amount of Claims for Military Supplies or Claims for Indemnity.

WASHINGTON, D. C., 1862. Apply at our office, or to our Associate at Harrisburg, Pa.—JOHN A. BIGLER, Attorney and Counselor.

WHITE SULPHUR AND CHALYBEATE SPRINGS, At Doubling Gap, Penn. JAMES D. HENDLEY, Proprietor.

SEASON OPENS 15th JUNE, 1863. These Springs are in Cumberland county, Penna., 30 miles west of Harrisburg.

Passengers leaving Philadelphia, Baltimore or Washington, and arriving at the Springs the same evening at five o'clock.

THE HOTEL is commodious and comfortable, with Hot and Cold Baths attached, and extensive grounds for walks and amusements.

THE LONG experience of the present Proprietor (for many years past at the Kirkwood House in Washington, D. C.) enables him to say, that it will be conducted in a manner to please all Visitors.

TERMS—\$2 per day; \$12 per week; 4 weeks \$40—Children and servants half price.

JUST RECEIVED! THE LARGEST AND BEST ASSORTMENT OF FINE STEEL ENGRAVINGS! PRINTS, AND HEADS, AND SCENES, ADAPTED FOR GREEKIAN OIL PAINTINGS, AT Wm. Knoche's Music Store.

MORTON'S UNRIVALLED GOLD PEN—FINEST QUALITY WARRANTED. NONE BETTER IN THE WHOLE WORLD.

PERSONS in want of a superior and really good soup will find with me a large assortment to select from, and have the privilege to exchange the Soup until their hand is perfectly satisfied.

MURINGER'S PATENT BEEF TEA, A solid, concentrated extract of BEEF AND VEGETABLES. Convertible immediately into a nourishing and delicious soup.

Lines of Travel. SUMMER ARRANGEMENT. NEW AIR LINE ROUTE. THREE TRAINS DAILY TO NEW YORK, AND PHILADELPHIA.

EXPRESS LINE leaves Harrisburg at 2.15 a. m., on arrival of Pennsylvania Railroad Express Train from the West, arriving in New York at 9.15 a. m., and at Philadelphia at 9.20 a. m.

MAIL TRAIN leaves Harrisburg at 8.00 a. m., arriving in New York at 5.30 p. m., and at Philadelphia at 5.20 p. m.

WESTWARD. EXPRESS LINE leaves Harrisburg at 6.00 a. m., and Philadelphia at 6.15 a. m., arriving at Harrisburg at 12.00 noon, and Philadelphia at 8.30 p. m.

EXPRESS LINE leaves New York at 7.00 p. m., arriving at Harrisburg at 1.45 a. m., and connecting with the Pennsylvania Express Train for Pittsburgh.

ON AND AFTER MONDAY, APRIL 20, 1863, the Passenger Trains of the Northern Central Railway will arrive and depart from Harrisburg and Baltimore as follows:

SO U T H W A R D. MAIL TRAIN leaves Harrisburg daily (except Sunday) at 10.10 a. m.; leaves Harrisburg at 1.15 p. m., and arrives at Baltimore at 4.35 p. m.

EXPRESS TRAIN leaves Harrisburg daily (except Sunday) at 11.07 a. m.; leaves Harrisburg (except Monday) at 2.09 a. m., and arrives at Baltimore daily (except Monday) at 6.15 a. m.

HARRISBURG ACCOMMODATION TRAIN leaves Harrisburg daily at 6.30 a. m. N O R T H W A R D. MAIL TRAIN leaves Baltimore daily (except Sunday) at 9.15 a. m., Harrisburg at 1.15 p. m., and arrives at Harrisburg at 4.05 p. m.

EXPRESS TRAIN leaves Baltimore daily at 9.15 p. m., arrives at Harrisburg at 1.58 a. m., and leaves Harrisburg daily (except Monday) at 3.00 a. m., and arrives at Baltimore at 5.28 a. m.

HARRISBURG ACCOMMODATION TRAIN leaves Baltimore daily (except Sunday) at 2.55 p. m., and arrives at Harrisburg at 7.30 p. m.

FOR further information apply at the Office, in Pennsylvania Railroad Depot. J. N. DOBARRY, General Superintendent.

PENNSYLVANIA RAILROAD! SUMMER TIME TABLE! FIVE TRAINS DAILY TO & FROM PHILADELPHIA ON AND AFTER MONDAY, APRIL 20, 1863.

THE Passenger Trains of the Pennsylvania Railroad Company will depart from and arrive at Harrisburg and Philadelphia as follows:

THROUGH EXPRESS TRAIN leaves Harrisburg daily at 2.00 a. m., and arrives at West Philadelphia at 6.10 a. m.

PART LINE leaves Harrisburg daily (except Monday) at 5.45 a. m., and arrives at West Philadelphia at 9.55 a. m. Passengers take breakfast at Lancaster.

WAY ACCOMMODATION, via Mount Joy, leaves Harrisburg at 7.00 a. m., and arrives at West Philadelphia at 12.25 p. m.

PAST MAIL TRAIN leaves Harrisburg daily (except Sunday) at 1.00 p. m., and arrives at West Philadelphia at 6.00 p. m.

HARRISBURG ACCOMMODATION TRAIN, via Ocala, leaves Harrisburg at 4.00 p. m., and arrives at West Philadelphia at 9.30 p. m.

Books, Stationery, &c. SCHOOL BOOKS.—School Directors, Teachers, Parents, Scholars, and others, in need of School Books, School Stationery, &c., will find a complete assortment at E. M. POLLOCK & SON'S BOOK STORE.

SPELLING BOOKS.—McGuffey's, Parker's, Cobb's, Webster's, Town's, Blythe's, Comstock's, Ballou's, Smith's, Woodbridge's, Monticelli's, Kuttill's, Hall's, Wallis's, HISTORICAL.—Grimshaw's, Davenport's, Frost's, Willson's, Willard's, Goodrich's, Pincock's, Goldsmith's, &c.

ARITHMETIC.—Greenleaf's, Stoddard's, Emerson's, Pike's, Rose's, Colburn's, Smith and Duke's, Davis's, ALGEBRA.—Greenleaf's, Davis's, Day's, Bay's, Briggs's, DIXON'S.—Worcester's Quarto, Academic, Common and Primary Dictionaries, Walker's School, Cobb's, Walker, Webster's Primary, Webster's High School, Webster's Quarto, Academic.

NATURAL PHILOSOPHY.—Comstock's, Parker's, Bennett's, GRAMMAR.—Ballou's, Smith's, Woodbridge's, Monticelli's, Kuttill's, Hall's, Wallis's, HISTORICAL.—Grimshaw's, Davenport's, Frost's, Willson's, Willard's, Goodrich's, Pincock's, Goldsmith's, &c.

WALL PAPER! WALL PAPER!! Just received, our Spring Stock of WALL PAPER BORDERS, FIRE SCREENS, &c., &c. It is the largest and best selected assortment in the city, ranging in price from six (6) cents up to one hundred (100) cents.

LA W BOOKS! LA W BOOKS!!—A general assortment of LA W BOOKS, all the State Reports and Standard Elementary Works, with many of the old English Reports, scarce and rare, together with a large assortment of second-hand LA W BOOKS, at very low prices, at the old price Bookstore of E. M. POLLOCK & SON, Market Square, Harrisburg.

THE subscribers propose to publish by subscription a "FARM MAP" of the Township of SWATARA, Dauphin county, Pa. It will embrace the Boundaries of the Township and Farms contained therein, number of Acres, Location of Buildings and Names of Proprietors generally. There will also be on the Map a Table of Distances, showing the distance from each Cross Road in the Township to Harrisburg, thus rendering it a valuable Map to Farmers and Dealers in Real Estate particularly.

MORTON'S UNRIVALLED GOLD PENS! NONE BETTER IN THE WHOLE WORLD! For 75 cents, \$1.25, \$1.50, \$2.00, \$3.00, \$4.00, \$5.00, \$6.00, \$7.00, \$8.00, \$9.00, \$10.00, \$12.00, \$15.00, \$20.00, \$25.00, \$30.00, \$40.00, \$50.00, \$60.00, \$70.00, \$80.00, \$90.00, \$100.00.

ONLY ONE DOLLAR for a good Substantial bound Family Bible at Scheffer's Bookstore.

SCHEFFER'S Bookstore is the place to buy Gold Pens—Warranted.

W. M. KNOCHE, 93 MARKET ST., HARRISBURG, PA. DEALER IN PIANOS.

NEW ROSEWOOD PIANOS, from the best makers, from \$200 upwards. MELODEONS. THE BEST MANUFACTURED INSTRUMENTS, from \$45 to \$100.

Guitars, Violins, Accordions, Flutes, Fifes, Drums, Banjos, Tambourines, Violin and Guitar strings and musical merchandise in general.

SHEET MUSIC. THE LATEST PUBLICATIONS always on hand. Music sent by mail to any part of the country.

OWE'S Sewing Machine, 437 Broadway, New York; branch office 90 1/2 Market street, Harrisburg. The undersigned respectfully informs the manufacturers and citizens of Harrisburg that he has opened a sewing machine office for the sale of the celebrated Howe's sewing machine, making the well known lock-stitch, and adapted for all kinds of leather and cloth and family use.

GUTTA PERCHA WATER-PROOF BLACKING! (WITHOUT RUBBING.) FOR BOOTS, SHOES, HARNES, CARRIAGES, AND MILITARY LEATHER-WORK.

JACKSON & CO'S SHOE STORE, NO. 90 1/2 MARKET STREET, HARRISBURG, PA.

Wanted, having rented a large and commodious house, in Mulberry street, two doors from the corner of Second street, in the city of Harrisburg, and is prepared to accommodate single gentlemen, and gentlemen with their families, with boarding on reasonable terms.

BOARDERS WANTED.—The undersigned, having rented a large and commodious house, in Mulberry street, two doors from the corner of Second street, in the city of Harrisburg, and is prepared to accommodate single gentlemen, and gentlemen with their families, with boarding on reasonable terms.

EAGLE WORKS, HARRISBURG, PENNSYLVANIA, MANUFACTURER OF BOOK-BINDERS' RULING MACHINES AND PRESSES, STANDING PRESSES, SAWING MACHINES, PRESS BOARDS, AND MACHINES FOR GRINDING CUTTING-MACHINE KNIVES.

CASTINGS. WOOD TURNING IN ALL ITS BRANCHES, SCROLL SAWING, PLANING, ETC., ETC. IF Any Machine of Wood, Iron or Brass made to order. Gear and Gear Cutting, &c., &c.

STEAM BOILERS. PENNSYLVANIA RAILROAD, ABOVE STATE STREET. CELLAR WINDOW GRATES

OF various patterns, both stationary and swinging, BASH WRIGHTS and various other Building Castings, for sale very cheap at the [my24-1] SAGLE WORKS.

STEAM BOILERS. Having made efficient and permanent arrangements for the purpose, we are now prepared to make STEAM BOILERS OF every kind promptly and at reasonable rates. We shall use iron made by Bailey & Bro., the reputation of which is second to none in the market.

W. M. A. PARK HILL, PLUMBER AND GAS FITTER, THIRD STREET, NEXT DOOR TO THE TELEGRAPH OFFICE, HARRISBURG, PA.

INSURANCE AGENCY. THE DELAWARE MUTUAL SAFETY INSURANCE COMPANY, OF PHILADELPHIA. INCORPORATED 1835.

THE undersigned, as Agent for the above well known company, will make Insurance against loss or damage by fire, either perpetually or annually, on property in either city or country.

Hotels. UNITED STATES HOTEL, 50 BETHEL STREET, HARRISBURG, PA.

THE undersigned having taken the above Hotel, which has been refitted and furnished throughout, begs leave to inform the public that he is well prepared to accommodate those who may favor him with their patronage, and that will give entire satisfaction.

NATIONAL HOTEL, (LATE WHITE SWAN), Race street, above Third, Philadelphia.

THIS establishment offers great inducements, not only on account of reduced rates of board, but from the central location to the avenues of trade, as well as the conveniences afforded by several passenger railroads running past and continuing to it, by which guests can pass to and from the Hotel to the different railroad depots, should they be preferred to the regular omnibus being bought at the house. I am determined to devote my whole attention to the comfort and convenience of my guests, and endeavor to give general satisfaction.

TERMS—\$1.25 Per Day. DAVID C. SEIGRIST, (Formerly of Eagle Hotel, Lebanon, Pa.) T. V. ANDRES, Clerk. mrl1-df

Transportation. DANIEL A. MUENCH, Agent of the Old Wallower Line.

Respectfully informs the public that this Old Daily Transportation Line (the only Wallower Line now in existence) in this city is in successful operation, and prepared to carry Freight as low as any other individual line between Philadelphia, Harrisburg, Sunbury, Lewisburg, Williamsport, Jersey Shore, Lock Haven, and all other points on the Northern Central, Philadelphia and Erie and Williamsport and Elm's Railroads.

Goods sent to the Warehouse of Messrs. Foscock, Zell & Hinchman, No. 808 and 810 Market street, above Eighth, Philadelphia, by a 4 o'clock p. m. train, will arrive at Harrisburg, ready for delivery, next morning. my2

50,000 POUNDS!!! JUST RECEIVED, which we will sell at a very low price by the Hoghead, Tierce, or Cask, at the [my20] W. M. DOCK, JR., & CO.

SOLAR MATCHES! NOSULPHUR! NOSMELL! FIFTY GIGS of the above Superior Matches just received, for sale by W. M. DOCK, JR., & CO.

WRITING FLUIDS.—BOSS' American Writing Fluid, a splendid Ink, at 60 cents per quart; ARNOLD'S Writing Fluid, LAUGHLIN & BUSHFIELD'S Ink, Copying Ink, Carmine and Red Inks of the best quality, Blue Ink, Mucilage, &c., at [my20] W. M. DOCK, JR., & CO.

Miscellaneous. SOMETHING FOR THE TIMES!! A NECESSITY IN EVERY HOUSEHOLD!! JOHN'S & CROSLY'S AMERICAN CEMENT GLUE!

THE STRONGEST GLUE IN THE WORLD! FOR CEMENTING WOOD, LEATHER, GLASS, IVORY, CHINA, MARBLE, PORCELAIN, ALABASTER, BONE, CORAL, &c., &c., &c.

EXTRACTS. "Every household, poor or rich, should have a supply of John's & Crosley's American Cement Glue."—New York Times. "It is so convenient to have in the house."—New York Express. "It is already ready; this commends it to everybody."—New York Independent. "We have tried it, and find it as useful in our house as water."—Willis's Weekly of the Times.

VERY LIBERAL REDUCTIONS TO WHOLESALE DEALERS. TERMS C. A. S. H. For sale by Dry Goods and Storekeepers generally throughout the country.

JOHN'S & CROSLY, (Sole Manufacturers,) 78 WILLIAM STREET, (Corner of Liberty Street,) NEW YORK. dly

LYON'S PURE OHIO CATAWBA BRANDY. THE OHIO CATAWBA BRANDY has, for several years, been manufactured from the pure juice of the AMERICAN CATAWBA, and ISABELLA GRAPE, and has obtained a rare popularity throughout the West and South, where great quantities of this superior article is sold for MEDICINAL and FAMILY purposes. It not only equals, but excels the most choice IMPORTED BRANDIES in PURITY, QUALITY and ROBUSTNESS OF FLAVOR, and wherever it has been introduced it has invariably met the most unqualified favor and extended sale.

"The want of really pure Brandy has long been felt in this country, and the opportunity to procure an article of such quality as to supersede the sale and use of the many inferior compounds often sold under the name of 'Brandy,' can be regarded as a public good."

J. L. GIBBS, CATAWBA BRANDY, possesses all the choice qualities of the best imported liquor, and is positively known to be of SUPERIOR QUALITY and of SUPERIOR FLAVOR. In support of the above statement, we refer to the certificate of the undermentioned well-known chemists: Dr. A. A. Hayes, Assayer, Boston, Mass.; Dr. James B. Nichols, Superintendent of the New York Dr. James B. Nichols, Analytical Chemist, Boston, Mass.; Dr. J. V. F. Blaney & Dr. G. A. Merriner, Analytical and Consulting Chemists, Chicago, Illinois; Dr. Cox, Chemist, Cincinnati, Ohio; Dr. Charles Upham Sheppard, Charleston, S. C.; Dr. James H. Blackwell, Chemist, Cincinnati, Ohio; Dr. N. A. Pratt, Savannah, Georgia.

JOHN TILL'S COAL YARD, SOUTH SECOND STREET, BELOW PRATT'S ROLLING MILL, Where he keeps constantly on hand LYKENS AND WILKESBARRE COAL, Such as STEAMBOAT, BROKEN, BOG AND NUT, which he will dispose of at the lowest market price.

ST. LOUIS FLOUR.—THE BEST BRAND FOR FAMILY USE in the market. 100 barrels of the celebrated St. Louis Flour, universally pronounced the most superior article offered in the market, just received and for sale by W. M. DOCK, JR., & CO.

FRESH FISH every Tuesday and Friday at JOHN WISE'S Store, corner of Third and Walnut. my3

WALL PAPER AND WINDOW SHADES. HENRY C. HOFFER, No. 12, MARKET STREET, Near the bridge. my24-df

CEDAR TUBS, CHURNS and MEASURING ROOMS, &c., just received and for sale by W. M. DOCK, JR., & CO.

H. P. & W. C. TAYLOR'S NEW SOAP! It is economical and highly detergent. It contains no soda and will not waste. It is warranted not to injure the hands. It will impart an agreeable odor, and is therefore suitable for every purpose. For sale by W. M. DOCK, JR., & CO.

FOR SALE.—3,000 BUSHELS PRIME YELLOW CORN. 500 bushels barley malt, first quality. 500 bushels wheat, first quality. 50 barrels whaley, first quality. Enquire of RICHARD HOGLAND, Washington Avenue, Harrisburg.

EMPTY HOGHEADS.—A large supply of Empty Hogheads, in good condition and with heads in. These Hogheads are desirable for Builders, Farmers, &c. WM. DOCK, JR., & CO.

HAMS!!!—Just received, a large supply of COVERED SUGAR-CURED HAMS, of the best brand in the market. Every one sold is guaranteed to be of the best quality. WM. DOCK, JR., & CO.

BOSTON CRACKERS.—A supply of these delicious crackers just received and for sale by W. M. DOCK, JR., & CO.

MINCE MEAT.—A SUPERIOR ARTICLE just received and for sale by W. M. DOCK, JR., & CO.

6,000 POUNDS Extra Prime Sugar-Cured Hams for sale very low, wholesale, retail by W. M. DOCK, JR., & CO.