

Influence of Forests on Climate

From an able address of Prof. A. Winchell, on "The Soils and Subsoils of Michigan," we extract the following, which ought to be read by every farmer, and, if necessary to keep in memory, framed and hung up in his house. Its truths apply not only to that State, but far beyond it, and are of great importance:

"The earliest and most prevailing agency exerted by man in the modification of the soils of the Peninsula is the destruction of forests. Forests are the garments of the soil. They protect it equally from excessive cold and from excessive heat. They shelter the snows from the drifting power of the wind, and are thus enabled to await the lapse of the rigorous winter, with their feet wrapped in a fleecy blanket. Every autumn they pay back to the soil, with interest, all that the soil has expended upon them. They fend off the burning rays of the summer sun, and restrain the fervor of the atmosphere. They shield the soil from the evaporative influences, and maintain an equable degree of humidity. On sloping surfaces they bind together the soil, and resist the denudations of torrents.

"All these conditions and results are changed when the forest is removed. The sweeping blast of winter strikes the earth with the fury of an invisible demon—drives off the natural covering of the soil, and exposes the roots and stems of vegetables to an unwanted and often insupportable trial. The circumstances of spring time are changed. The soil feels very slight fluctuation of temperature—freezing by night and thawing by day—instead of resting in peaceful shelter under its coat of snow till the unchanging season is able to guarantee a vegetable degree of warmth. And then, when summer comes, the burning sun rapidly dries up the moisture of the soil, and the whole air becomes torrid and dry. Instead of a regular humidity and gentle rains, the agency of man has substituted alternating thirst and floods. And, on hill-slopes where the natural ligatures of the soil have been removed, sudden torrents wash it away, and score the earth with ugly gorges and ravines.

"A most striking example of the effects of clearing a fine and inchoherent soil is seen in the rear of Vicksburg, where recurring torrents have gnawed the hillsides into most unsightly shapes; and whole plantations have been borne into the Big Black and Mississippi, to find their way to the Balize.

"Similar in kind are the efforts on our gravely hill-sides. It is not cropping that deteriorates their soils, so much as the action of torrents in transporting the alluvial particles to lower levels."

"Such results should be foreseen and provided against. It should at least be required that all abandoned soils subject to wash should be planted with trees, which will eventually restore the surface to its primitive condition, and compensate, to some extent, for the fearful destruction of the primitive forest. If this matter is overlooked we shall reach the condition of some of the older countries of Europe—fields washed away, villages destroyed, population on the wane, and authorities anxious about the diminishing revenues."

—[Moore's Rural New Yorker.]

The Atlanta Intelligencer says a friend relates to the editor this incident: "Coming," he says, "to Atlanta, on Monday last, I saw an old freed woman lying on the side of the road, dead, and two younger ones standing by her remains. I asked what had been the matter with her? The reply from one of the girls was: 'She perished to def, sir, but she free, dough'."

Ladies and milliners will be interested in learning by a late letter from Paris that "the bonnets without any crowns, drooping at the backs," will soon be obsolete, and consequently, ridiculous. All crowns are "hoisted," and the style called "empire" prevailed largely. A decree of banishment has also been issued against mask veils, and lovely narrow draperies of gossamer will soon reign in their stead.

General Robert E. Lee is writing an elaborate history of his campaigns from the time he assumed command of the Rebel Army of Northern Virginia, after the battle of Seven Pines, to the capitulation at Appomattox Court House on the 9th of April. The Richmond Bulletin says it will be "a truthful and impartial narrative, written by the greatest actor of the war."

THE NATIONAL TREASURY.—The daily receipts of the treasury for internal revenue at the present time fall below half a million of dollars. The receipts will, however, soon be largely increased when collections can be made on the annual lists. The expenditures of the government are now, and have been during the past month, enormous. The average daily receipts from subscriptions for the 7,300 notes approximate five millions,—but so unprecedented are the expenditures that recourse to certificates of indebtedness in order to pay off contractors has been necessitated.

As New England seems determined that the negro shall vote, and that he shall receive a certain price for his labor, the proper way to accomplish this is to have the negroes moved into New England.—This would place the negro under the exclusive control of New England, and that country could then have the matter of miscegenation, negro wages all its own way. There could be no more quarreling over the negro, and New England, as well as the rest of the country, would obtain permanent peace.—[Times.]

A MOTHER'S PRIDE.—"The man who has raised a cabbage head has done more than all the metaphysicians in the world," said a stump orator at a meeting. "Then," replied a wag, "your mother ought to have the premium."

"What a fool!" said Patty Pinn, when she heard of the capture of Jeff. Davis; "of course all the men would run after him if he was dressed as a woman, and he was sure to be caught."

GOOD NEWS!!

JUST RECEIVED AT

THE SIGN OF THE GOLDEN BOOT.

ONE OF THE LARGEST AND BEST SELECTED STOCKS OF

BOOTS & SHOES,

Ever Brought to Plymouth!

THE PUBLIC will find at my store, east side of Michigan street, every description and Ladies', Gentlemen's, Boys', Misses, and Children's Wear, together with a large stock of

Warranted Home-Made Work.

THE BETTER BOOT OR SHOE can be bought for LESS MONEY at the above establishment than any Dry Goods store, or any other house in Plymouth.

ALL WORK WARRANTED!!

The Stock now on hands is very Large, and will be sold at a very slight advance on Cost.

The Highest Market Price in Cash Paid for Hides.

January 26, 1865—n270f.

G. S. CLEVELAND.

\$40,00! \$40,000!!

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J. M. DALE & CO.,

NORTH ROOM HEWETT & WOODWARD BLOCK

HAVE NOW IN STORE OVER

40,000 Dollars worth of Dry Goods,

CLOTHING, HATS AND CAPS,

Boots and Shoes, Summer Goods, &c.

FRENCH AND GERMAN GOODS,

Ladies Dress Goods, Queensware, Glassware, Etc.

ALL OF WHICH WERE BOUGHT AT

Panic Prices in New York

And will be Sold at a Very Small Advance above Cost.

We invite all to call and examine our Goods before purchasing elsewhere and satisfy themselves of the GREAT BARGAINS we are now able to offer.

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J. M. DALE & Co.

Plymouth, Indiana, December 1, 1864.

G. BLAIN & Co.,

DRUG STORE,

PLYMOUTH, IND.

HAVING just received a fresh supply of every article in our line of trade, consisting mainly of Drugs, Medicines, Paints, Oils, Dye Stuffs, Vanishing Creams, Perfumery, Yankee Notions, Glass, Stationery, Pure Medicines and Liquors for medicinal purposes only, to which we respectfully invite the attention of the community. We have also on hand a stock of

GROCERIES,

Tea, Coffee, Sugar, Tobacco, Cigars, etc. To be disposed of at very reasonable figures.

Within a few days past, we have received from Pittsburgh and New York a large amount of

Kerosene and Coal Oil

AND LAMPS.

orburning the same, or to save and stylish with or without shades. We are also agents for the popular

Patent Medicines!

of the day. Physicians' prescriptions carefully compounded at all hours of the night, by an experienced druggist.

We earnestly invite the public to favor us with a call, examine our stock, and become convinced of the fact that we are doing a liberal business.

G. BLAIN & Co.

Plymouth, Ind., Oct. 22, 1863

NEW BOOK STORE.

O. H. P. BAILEY,

DEALER IN

BOOKS AND STATIONERY.

At the Post Office, PLYMOUTH, INDIANA.

Keeps constantly on hand a large stock of

School Books,

Miscellaneous Books,

Bibles,

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Photograph Albums,

Portfolios,

Street Pens,

Sheet Music,

AND

All Kinds of Papers

Folio Post, Flat Cap, Foolscap, Record Cap, Commercial Note, Parchment Note, Letter, Bath and Billet.

Envelopes of All Sizes and Qualities.

RED, BLACK AND BLUE INKS

Record and Copying Inks,

And a general variety of Notions connected with the Trade.

Newspapers, Literary Papers, and Magazines received daily. New Publications—Forwarded by special agents, can be found in

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Have just received a SPLENDID Assortment of

READY-MADE

CLOTHING,

HATS AND CAPS,

BOOTS and SHOES,

AND

A Variety of Notions.

Their Stock of Boots and Shoes is particularly

deserving public attention, as regards quantity

and price

Their Clothing embraces all qualities, and they

will be under-sold by any house in the place.

Call and examine Goods and Prices for

yourself.

Store 21 door South of Pershing's Drug Store

Plymouth, Nov. 12, 1864—6m

STRANGE BUT TRUE

Removal and New Arrangement,

DAVIDSON & Co.,

Beginners to

inform their Old Customers, and the Citizens of

Marshall and adjoining Counties generally, that

they have removed their Stock of Goods to the

South Room in Hewett and Woodward's

NEW BRICK BUILDING.

West Side of Michigan Street.

And have opened the largest and most complete

Stock of

DRY GOODS &

CLOTHING.

Ever opened in this market.

Their elegant and commodious Store Room is

filled with their large Stock comprising

Calicoes

Of every variety, all of good quality

and cheapness, they can be purchased elsewhere

in town.

Domestics

Bleached and unbleached, any quality

that may be desired for or desired.

Denims & Hickory

A better variety and at

better prices than can be procured elsewhere.

LADIES DRESS GOODS.