Pittsburgh Gazette.

SCIENCE OF FLAT.—During the course of the past year, experiments have been made in France on a number of ducks, to prove that the fat may exceed the quantity which could be referred to the food they were supplied with.—Some were fed on rice, a substance which contains only a few parts of fat in a thousand. Others fed on rice with a certain amount of butter added. At the end of the experiment, the first were as lean at when first placed upon the diet; the latter, in a few days, became positively balls of fat. Other experiments were made on pigs. It was found as the result of several trials, that there was sometimes more fat produced than was contained in the food on which they were fed. Food which, given alone, has not the properties of fattening, when mixed with a fatty matter acquires the property to an astonishing degree; and fattening articles of food, which do not contain much fat, always abound with its chemical constituents, the principal of which is azote, and from whence the fat acquired is certainly derived.

RURAL DIALOGUE.—SCENE—*A very sparsely furnished farm-house parlor. Present, the farmer and his wife.*

Husband—I think, wife, that we must try to fit up our parlor a little; if it was well furnished I should really like to invite Mrs. Jones, the pleasant widow we met at cousin James's when in the city, to spend the summer with us, as James writes me she wants a place in the country to stop at a few weeks.

Wife—Don't you think, husband, that you had better fix up the barn, and be able to show Mrs. Jones a well fenced farm, instead of a parlor fixed up to imitate one in the city! As long as the barn doors are off the hinges, I will try to get along with the parlor as it is, and hope Mrs. Jones can—if not, she can come with me to the kitchen, or go with the girls to the hay field.

TO MAKE BLACKBERRY WINE.—As the season for blackberries is near, the following receipt for making wine, which is endorsed by several journals, may be of value to the ladies: Measure your berries and bruise them; to every gallon adding one quart of boiling water. Let the mixture stand twenty-four hours, stirring occasionally; then strain off the liquor into a cask; in evry gallon adding two pounds of sugar; cork tight and let it stand till the following October, and you will have wine already for use, without further boiling or straining, that will make lips smack as they never smacked under similar circumstances.

CLAY will permanently improve any soil that is sandy or leachy. Lime and leached ashes will also benefit leachy land.

Swamp muck, or peat, when dry, will take up, without dripping, four times its own weight of water. Hence the necessity of thorough drainage.

A ton of dry forest leaves produces only 600 pounds of mold; hence, 500 pounds of mold produce a ton of plants.

Clay, applied to sandy land, is far better than sand to clay land. One hundred tons to the acre, will give an inch in depth.

It takes 5 pounds of corn to form one of beef. Three and a half pounds of cooked meal will form one pound of pork.

Hogs should always have access to the ground, for in feeding sows it is indispensably necessary. The use of this has been the death of many a fine litter.

New York Advertisements.

GOODYEAR'S PATENT VULCANITE, OR *HARD INDIA RUBBER.*

THE BEACON DAM CO., OWNERS OF Patents, manufacture from the above named material, and offer for sale at their Warerooms, No. 63 Maiden Lane, New York, by the package only,

SYRINGES, POCKET CORK SCREWS, of every description needed for Domestic or Professional purposes, pronounced by Physicians the most perfect article ever made.

MEASURING TAPES, BREAST PUMPS, MACHINISTS' OILERS, POWDER FLASKS, for Telegraph Wire, adopted warranted to keep the powder dry. by the American Telegraph Company.

FURNITURE CASTORS, SHAVING BRUSHES, that will not deface the carpet. PANS, BATHS, FUNNELS, TUMBLERS & SOAPDRAKS, AND PUTTY KNIVES, for Photographic and Druggists' purposes, &c.

PEN and Pocket CUTLERY, NAPKIN RINGS.

This *Wonderful Material* which is as firm as METAL, light as WOOD—brilliant as GLASS—impervious to HEAT —non-conductor of ELECTRICITY—and on which OILS, ACIDS and ALKALIES *produce no effect*, is vastly superior to any *other* for the above named, and a great variety of other purposes, to which it is applied.

Dealers in all parts of the country are supplying themselves with these goods, and consumers who want the *best* articles of the kind, will buy no other. jal4ly.N.Y.

Merrills Iron Pipe Works.
MERRILL & JAQUES,

142 Centre Street, New York.

MANUFACTURERS AND DEALERS IN Wrought Iron Pipes, Fittings, Tools, and every description of apparatus connected with Steam, Water and Gas, for heating and lighting Steamers, Churches, Hotels, Private Dwellings, Hospitals, Asylums, Villages, Factories and Malls.

Also, Valves, Cocks, Pumps, Gauges, Boilers and Boiler Plate always in order.

Our Screw Cutting Machines are entirely new, and our own Patent—warranted to do double the work of any other in motion.

Orders solicited from all sections of the Country, and promptly attended to. jel4ly.pd

Philadelphia Advertisements.

ALLEN & NEEDLES,
No. 23 South Wharves, and 35 South Water Street,
PHILADELPHIA

WHOLESALE DEALERS IN OILS, Candles, Starch, &c. A full assortment on hand to which the attention of dealers is respectfully asked. m6dly

Baltimore Advertisements.

C. EUGENIUS ARNISTEAD. ..... WM. T. RIGGS

ARMISTEAD, RIGGS & CO.,
AGENTS FOR THE SALE OF VIRGINIA MANUFACTURED TOBACCO,
No. 37 Exchange Place, Baltimore.

☞Always on hand a large stock, which they distribute at the lowest market prices. ap26ly.p

Arboricultural, &c.

Pittsburgh Hedge Farm Nursery.
SITUATED ON WILKINS AVENUE, about one quarter of a mile from the second Toll Gate, on the Farmers' and Mechanics' Plank Road, an extension of Fourth street, and about three and a quarter miles from Pittsburgh.

WM. & JAMES MURDOCK, *Proprietors.*

July 1dtf

Shade Trees for Sale.
ALIANTHUS, ELM, LINDEN, Mountain Ash, &c., of extra size for Spring planting.

JOHN MURDOCH, Jr.

N. B.—Mr. Thomas Willer, at the Landed Nursery, will attend to planting shade trees, for persons requiring his services. mr6dtwsf

Special Notice.

BOOTS AND SHOES,
WHOLESALE AND RETAIL

JAMES ROBB, No. 89 Market street, between Market House and Fifth street, takes pleasure in calling the attention of his friends and the public generally to his *third large supply* of the most splendid stock of BOOTS, SHOES, GAITERS, SOTTAGE &c., ever offered in this city, purchased direct from the Manufacturers and Importers of *French Stores in the Eastern cities.* This stock is just what is required for the season, and gracefulness of their fits is charming. He takes pleasure in inviting all who are in want to give him a call. Prices will be found as usual—very low:

Remember the place, No. 89 Market street, Pittsburgh. mr24ly.pd

Improvement in Book Binding.

THE UNDERSIGNED having obtained Letters Patent for improvement in Book Binding, is prepared to furnish this attachment to books now in use, or to apply the same to new books, orders for which are respectfully solicited at WELDIN & ROWANDS Book-Bindery and Blank Book Manufactory, 84 W. corner Third and Wood sts.

The above improvement consists 1st. of a Metallic Spring, clasping the back of the book: in such a manner as to prevent the leaves from sagging when the book is standing in a vertical position. 2d. The carriages are metallic grooves in which are inserted, which will effectually prevent the book from wearing or chafing in placing the same in its resting place. jy23md A. BROWLAND, Patentee.

SOUR CIDER, OR PURE CIDER VINEGAR can be obtained at Morris & Patton's in the Diamond. The trash usually sold for vinegar ought to be prohibited, being composed of vitriol and other poisonous drugs. The vinegar at Morris & Patton's was sweet cider two years back and nothing has been added to it. Price 25 cents per gallon.

ATKINS' THIRTY DAY CLOCKS,

FOR PARLORS.

A good supply just received and for sale by

J. R. REED & CO., Jewellers, 63 Fifth st.

jy23

A PLEASANT COUNTRY RESIDENCE FOR SALE, adjoining the village of Mansfield, with five acres of land, highly improved. There is a shat two story Cottage House, containing eight well finished rooms bath house, wash house, stable, cow house and all necessary out houses, cistern and well water convenient fruit trees all commencing to bear. Also, a number of ornamental trees and shrubbery. Apply to BLAKELY & RICHEY,

HAIR BRUSHES,

Hat Brushes,
Clothes Brushes,
Nail Brushes,
" Tooth Brushes,
" Flesh Brushes,

Of the best qualities and every description, to be had at

jy24 JOS. FLEMING'S, cor. Diamond & Market st.

FRUIT CAN BE PRESERVED WITHOUT SUGAR, by using HUBLEY'S SELF-SEALING CANS,

For sale at SIGN OF RED COFFEE POT, Federal Street, Allegheny.

jy23

LARD OIL—20 bbls. in store and for sale by ISAIAH DICKEY & CO.

jy20

LEAD—600 pigs in store and for sale by JOS. S. LEECH & CO.

jy23

SALERATUS—5 tons in bbls, half do, kegs and boxes, of the best quality, on consignment for sale by ISAIAH DICKEY & CO.

jy23

DARLINGTON COAL OIL in store on consignment for sale by ISAIAH DICKEY & CO.

GREASE—25 bbls. in store and for sale by ISAIAH DIDKEY & CO.

jy20

SHOT—20 kegs assorted Nos. in store and for sale by JOS. S. LEECH & CO.

jy23

LARD OIL—50 bbls. Cincinnati No. 1, " 50 " " "