



THE FARMER'S DEPARTMENT.

From the American Farmer.
On the Hessian Fly.

Cambridge, E. S. Md.
December 18, 1831.

Mr. SMITH.—I cannot withhold my surprise and regret, at the apathy of the agricultural community, on that interesting branch of entomology, which comprises the history, character and habitudes of such insects, as are peculiar to the staple crops of our country; among which stands conspicuous, the "Hessian fly," known only as a deadly foe to the energies of man; annually multiplying upon us, and despoiling us of the fruits of our labors.

Having before, had the indulgence of a column of your useful paper, to implore the co-operation of fellow laborers, and fellow sufferers, in the investigation of this subject, I take the liberty, to offer a few more remarks, in the hope, that yet I may not be disappointed in my purpose.

I had long been anxious to see this implacable enemy, the "Hessian fly," in its state of maturity; and in all my frequent attempts to gratify my curiosity, heretofore frustrated, until recently, I obtained a plentiful supply.

The loose scattered wheat of my stack yard had vegetated early in the season, perhaps in July, and grew luxuriantly; on the 1st of September, my attention was attracted by its rapid decline; on examination I discovered that almost every stalk was loaded with the chrysalids of this fly: I dug up a small sod without any regard to selection, and planted it in a flower pot, under a large glass jar, and placed it on my mantle piece, where it might have a uniform and warm temperature, to assist in their development: in a week or two, they appeared in their parental robes, crowding upon the few spires that had survived their ravages; here I have commanded a full view of them, and their progressive operations, and will give you the result.

They belong to the order Hemiptera, genus Aphis; they are but little larger than a flea, and of much the same color and appearance, except that the abdomen is more obtuse and flat, and ends in two horns; the thorax is short, and the head in addition to two long antennae, armed with a small very sharp, inflected rostrum; they are obviously not constructed for a long flight.

Shortly after their appearance they commenced to deposit on the blades and stalks of wheat their young progeny, a mere speck, and with an excellent microscope, I confess I have been able to satisfy myself, whether they are viviparous or oviparous; and it is very immaterial to any useful purpose, for they were ejected, if not in an egg, inclosed in a thin membrane, which under the influence of the warm temperature of the room developed the living animal in a few hours; this first deposit adhered closely to the blade or stalk, as if glued to the point on which it was made, and does not roll down as has been stated, but shortly casting off its almost invisible casement, the larva crawled down to the nearest joints of the plant, where the rostea are inserted, and their nourishment obtained; they pass through three metamorphoses in rapid progression, under a suitable temperature; I would suppose from the swarms produced, from so small a god of wheat, there must have been several generations within the short term I have named.

The propagation of every variety of this family, the "aphides," is incalculably immense and indeed mysterious; it was first I believe, asserted by Bonnet, and since confirmed by Trembley, and others, beyond doubt, that the impregnation of one set of females of this family serves for ten succeeding generations, there being no males but once in that term.

From the foregoing statement of facts, it may be rationally inferred—1st. That this insect, the "Hessian fly," largely sustains itself, through the slovenly and reprehensible practice of leaving the loose scattered wheat of the stack yard to vegetate, and serve them for their nidification, by which myriads of legions may be raised from a few perches of ground; 2d. That this medium of sustentation is the great secret, by which this mysterious and calamitous insect has been much multiplied throughout our wheat country.

3dly. That the practice of fallowing on wheat stubble, by which much scattered wheat will vegetate in favorable seasons, and serve the purposes of the "fly," before it is ploughed down again, for the new crop is another prolific source of this evil.

4thly. And consequently, that to clean the stack yard, and other places, where loose wheat may have been scattered and vegetated, and to refrain from the cupidly, also, otherwise culpable, of fallowing upon wheat stubble, for a crop of wheat, is the absolutely moral duty of every agriculturist, who is capable of consciousness of duty at all, to himself, or his neighbor.

In a former paper I have noticed and controverted the confident, laudable, but fallacious recommendation of your Canada correspondent, "to soak seed wheat in brine for the destruction of the egg of this fly," which he erroneously supposed to be on the basis of a communication on the subject of the "Hessian fly" in the "Hagerstown Free Press," from Mr. McKee, that Mr. McKee

is entitled to the thanks of the community for his contribution to this interesting question; but I can assure him he has been much deceived in his observations.

He is correct when he affirms that the egg of this fly is deposited on the plant, and not on the grain; but he is deceived in his observations when he says he "selected a few stalks of wheat in March, on which there were a number of eggs of this fly, that had been deposited in the fall previous, and they produced insects similar to the "common musketo," with the exception, that they were of a darker colour, and somewhat shorter; no doubt, he obtained such an insect as he describes; but it is not probable, that the eggs could have borne the cold of last winter, without freezing; and no egg having been frozen, will produce a living animal.

He must have had the progeny, from recent eggs; or, from chrysalids, of the fall previous, which latter, "analogy instructs us," may be capable of resisting any degree of cold; and he must have had the eggs or chrysalids of some other insect, on the stalks, and not those of the "Hessian fly," because, this insect, and the "common musketo," to which he assimilates it, are so totally dissimilar in appearance, as well as in all respects, as the "butterfly" and the "grasshopper;" or, as almost any two animals in the wide range of Zoology; the musketo belongs to the order of Diptera, having only two long extended transparent wings; the hessian fly belongs to the Hemiptera order, and has four short incumbent wings, of a black color; the former has long legs, the latter, so short, as scarcely to be discernible: the fly has two horns at the hinder part of the abdomen, the musketo has not: Mr. McKee, will readily perceive on a further investigation, that he has quite mistaken the insect.

This subject, sir, though apparently small is one of the first magnitude; the first interests of agriculture demand its investigation, till the end be accomplished.

I repeat, sir, "the nidification" is largely effected in filthy stack yards; to scrape them and burn the litter; and, to avoid the fallowing upon wheat stubble, will be the surest prophylactic at present known, against this bitterest curse of agriculture"—and of
Yours, respectfully,
JOSEPH E. MUSE.

ADVERTISEMENTS.

SHERIFF'S SALES.

IN pursuance of sundry writs of Venditioni Exponas, and Alias Venditioni Exponas, issued out of the Court of Common Pleas of Adams county, and to me directed, will be exposed to public sale, on SATURDAY the 21st instant, at 12 o'clock, m., at the Court-house in the Borough of Gettysburg, the following Real Estate, viz:

1. A Tract of Land, situate in Germany township, Adams county, adjoining lands of John Kugler, Abraham Zell, and others, containing 14 Acres, more or less, on which are erected a two-story Log Dwelling-House, Log-Shop, a Barn, part Log and part frame, with an Orchard. Also, a Lot of Wood Land, in Germany township, Adams county, adjoining lands of John Zell and others, containing 11 Acres, more or less. Seized and taken in execution as the estate of SUSANNA KUNTZ.

2. Also, a Lot of Ground, situate in Mummasburg, Adams county, adjoining Lot of Christian Harshy, fronting on Baltimore street, and known on the general plan of said town by No. 7, containing one-fourth of an Acre, more or less. Seized and taken in execution as the estate of HENRY KELLER.

3. Also, a Tract of Land, situate in Liberty township, Adams county, adjoining lands of James Moore, James Maginley and others, containing 60 Acres, more or less, on which are erected a 1 1/2 story Log Dwelling-House, and double Log Barn, with an Orchard. Seized and taken in execution as the estate of HUGH BIGHAM.

ALSO,
In pursuance of a writ of Venditioni Exponas, on the premises, on FRIDAY the 20th instant, at 1 o'clock, p. m.,

4. A Tract of Land, situate in Latimore Township, Adams county, adjoining lands of Jacob Meyers, John Cronister, and others, containing 7 1/2 Acres, more or less, on which are erected a 1 1/2 story Log Dwelling-House, double Log Barn, and a well of water, and a one-story Log Tenant House and Log Stable. Seized and taken in execution as the estate of ISAAC EVERETT.

WM. S. COBEAN, Sheriff.
Sheriff's Office, Gettysburg,
January 3, 1832. ts-39

CHAIR MAKING,
House and Sign Painting, &c.

The subscriber respectfully informs the citizens of Gettysburg and its vicinity, THAT HE HAS OPENED A SHOP, in Chambersburg Street, nearly opposite Mr. Porry's Tavern, FOR MANUFACTURING AND REPAIRING

CHAIRS,

OF EVERY DESCRIPTION

—ALSO—
House and Sign Painting,

AND
TURNING,

Neatly & expeditiously executed at all times. As he has just commenced business in this place, he hopes, by making good work on reasonable terms, to merit and receive a liberal share of public patronage.

WILLIAM C. MARTIN.
November 29, 1831. tf-34

DOCT. S. M. TUDOR,

OFFERS his Professional services to the public generally, and can always be found at his father's residence, at the house formerly occupied by James Morrison, within one mile and a half of Hampton. Fair Mount, June 14, 1831. tf-10

ADVERTISEMENTS.



PROCLAMATION.

WHEREAS, the Hon. John Reed, Esq. President of the several Courts of Common Pleas, in the Counties composing the Ninth District, and Justice of the Courts of Oyer and Terminer, and General Jail Delivery, for the trial of all capital and other offenders in the said District—and Daniel Sheffer, and William McClean, Esqs. Judges of the Courts of Common Pleas, and Justices of the Courts of Oyer and Terminer, and General Jail Delivery, for the County of Adams, have issued their precept, bearing date the 30th day of November, 1831, and to me directed, for holding a Court of Common Pleas, and General Quarter Sessions of the Peace, and General Jail Delivery, and Court of Oyer and Terminer, at Gettysburg, On Monday the 23d day of January next, At 10 o'clock, A. M.

Notice is hereby Given, To all the Justices of the Peace, the Coroner and the Constables within the said COUNTY OF ADAMS:

That they be then and there, in their proper persons, with their Rolls, Records, Inquisitions, Examinations, and other Remembrances, to do those things which to their offices, and in that behalf, appertain to belong—and also they who will prosecute against the prisoners that are, or then shall be, in the Jail of the said County of Adams, are to be then and there to prosecute against them as shall be just.

Dated at Gettysburg, the 27th day of December, A. D. 1831.

WM. S. COBEAN, Sheriff.
December 27, 1831. tc-38

SELLING OFF!

THE subscriber, intending to remove from Middleburg, Frederick county, Md., offers at private sale his whole STOCK OF GOODS, at the most reduced prices. They consist of an

EXTENSIVE ASSORTMENT OF
DRY GOODS,
Groceries, Paints, &c.

Comprising every thing generally found in a country store. The stand is an excellent one, and will always command a large share of business.

GEO. W. CLABAUGH.
Middleburg, Dec. 21, [27.] 1831. 4t-38

THE LADY'S BOOK.

COMMENCEMENT OF A NEW SERIES.

IN catering for the amusement of their patrons, the publishers have sought to obtain materials of an interesting, novel and diversified character, and although they have not been able hitherto to present much in the shape of original contributions they have always cherished a proper regard for Native Talent, & have been zealous and persevering in their efforts to obtain it. With this view, it will be seen by the annexed advertisement, that a liberal Premium of \$200 has been offered by them for the best AMERICAN TAPE, and there is no doubt the competition for the honor of the award will be contested by writers of the highest distinction. A secondary Premium of \$50 is also offered for the best POEM, suitable for publication in the Lady's Book. It is reasonable to conclude that the attractions of the succeeding numbers of the work will be manifold—they will be increased both in the character of its contents and the beauty of its external appearance. The publishers have made engagements for a new and excellent paper, on which to print it; and they also propose to make some improvements in its Typographical appearance. The Music Type which they have selected for their use, is of the most approved kind and in future accompaniments entire will be given with the music they select for publication.

The publishers have a few copies of the last six numbers remaining on hand, with which they will be happy to supply new subscribers—as they will form a connexion with the future numbers, all who desire the work complete will of course commence with them. Persons who have not seen the Book, may have a specimen No. by addressing the publishers (post paid) to that effect.

The publishers are desirous of obtaining as early in the succeeding months as possible, an estimate of the number of copies of their work which may be subscribed for, so that they may know what edition they will be obliged to publish—it is earnestly requested therefore that all new orders for the Book may be forwarded at once, by doing so, those who wish to secure a copy of it will not be disappointed.

The Lady's Book is published on the 1st of every month; contains nearly 60 pages each No. of neatly printed letter press. Terms \$3 per annum in advance. Address (post paid)
L. A. GODEY & CO.
No. 112 Chesnut-st. Phil.
Dec. 27, 1831.

PREMIUMS.—The publishers of the Lady's Book, impelled by a sense of gratitude for the unprecedented patronage which has been bestowed upon their work, and anxious to improve its character by every means in their power, have determined to offer the following premiums, viz:
FOR THE BEST ORIGINAL TAPE
Written for the Lady's Book,
TWO HUNDRED DOLLARS.

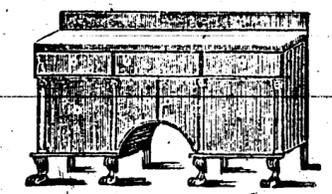
FOR THE BEST ORIGINAL POEM,
Suitable for publication in the Lady's Book,
FIFTY DOLLARS.

Competitors for these Premiums, will address their communications, free of postage, to L. A. GODEY & Co. No. 112 Chesnut street, Philadelphia, before the 1st day of June, 1832, at which time, as many as shall have been received, will be submitted to a committee of literary persons, whose judgment shall determine the distribution of prizes. Accompanying each communication, the name of the writer must be furnished. If secrecy is preferred, the name may be enclosed in a separate sealed envelope, which will not be opened except in the case of the successful candidate. It will of course be understood, that all articles submitted for these Premiums will be absolutely at the discretion of the publishers. The publication of the Tapes and Poems will be commenced immediately after the award is made.
December 27, 1831.

WOOD

WILL at all times be received in payment for the Star. It is needed very much at present.
ROBERT W. MIDDLETON.

CABINET WARE-HOUSE.



DAVID REAGY,
CABINET-MAKER,

RETURNS his grateful acknowledgments for the very liberal encouragement which has heretofore been extended to him, and respectfully informs them that he STILL CONTINUES HIS SHOP AT THE OLD STAND, IN CHAMBERSBURG STREET, where he is prepared to execute the neatest & most FASHIONABLE WORK, Which he will warrant EQUAL, if not superior, to any in the place.

ON HAND—
A general and extensive assortment of Mahogany, Maple and Cherry FURNITURE:

And of a quality, which he only asks an examination to be pronounced SUPERIOR.

His prices are reasonable and suited to the present times. Purchasers will save by calling at his Ware-house before they purchase elsewhere.

All kinds of LUMBER and COUNTRY PRODUCE will be taken in exchange for Work—for which the highest price will be allowed.

He deems it unnecessary to notice, particularly, that he is always prepared to make COFFINS, as from his long practice in the business, and strict attention, he presumes it generally known; and flatters himself that, from the general satisfaction his work has given, he will continue to receive a share of patronage.
Gettysburg, November 8, 1831. 4t-31

TO MY CREDITORS.

TAKE NOTICE, that I have applied to the Judges of the Court of Common Pleas of Adams county, for the benefit of the Insolvent laws, and that the said Judges have appointed Monday the 23rd day of January next, for the hearing of me and my creditors, at the Court-house in the borough of Gettysburg, where you may attend if you think proper.

CHARLES DONAHOO.
December 13, 1831. 4t-36

TO OUR CREDITORS.

TAKE NOTICE, that we have applied to the Judges of the Court of Common Pleas of Adams county, for the benefit of the Insolvent laws, and that the said Judges have appointed Monday the 23rd day of January next, for the hearing of us and our creditors, at the Court-house in the borough of Gettysburg, where you may attend if you think proper.

GEORGE WINEMILLER,
of Germany township.
ANDREW WOLF,
of Berwick township.
December 13, 1831. 4t-36

STRAY CATTLE.

CAME to the enclosures of the subscriber, in Cumberland township, in the county of Adams, two stray STEERS, about 2 years old, one a brown colour, and the other a red with a white streak along the back, and slits or holes in the ear. The aforesaid cattle came to the enclosures of the subscriber sometime about the 6th of this month. The owner is desirous to come forward, prove property, pay charges, and take them away.

HENRY BISHOP.
November 15, 1831. 4t-32

AMERICAN ANNALS.

PROPOSALS to publish a Monthly Literary and Political Magazine, to be entitled "American Annals and Repository of Politics, Science, and Literature." By STEPHEN SIMMONS.

In order to separate from the influence of mere party views, the political events and history of the Times, the Editor proposes to publish the above work, on terms accessible to every reader. It shall be issued in Monthly numbers of between 70 and 80 pages, at \$4 per annum—payable every six months—or, \$1 per quarter—but no subscription will be received for less than one year. It is contemplated to issue the first numbers on the 1st of January, if sufficient patronage is extended to the undertaking. The following synopsis will exhibit the character of the proposed Magazine,

1. Important State papers.
2. Abstracts—or condensed briefs of other Political Documents.
3. Condensed Statistical Tables.
4. A Review of Political History for the Month. Movements of Parties, &c.
5. A regular and methodical abstract of Foreign Intelligence.
6. Domestic Intelligence.
7. Extraordinary Crimes and Casualties, connected with moral and philosophical reflections.
8. Agricultural—Mechanical—and Scientific Scraps.

It is contemplated to make this Magazine a valuable Book of reference to all classes of society, and men of all parties.

To subscribers to the Pennsylvania Whig the Magazines will only be charged at \$3 per annum—making two volumes in the year, of 400 pages each.
Philadelphia, Dec. 6, 1831. 1m-35

COACH-MAKING, &c.



EDWIN A. ATLEE,

Respectfully informs the public that he has removed to his New Shop in Chambersburg Street, a few doors West of the Court House, WHERE HE IS PREPARED TO

Make, Trim, and Repair COACHES,

OF EVERY DESCRIPTION,

—ALSO—
SADDLES,

BRIDLES, SADDLE-BAGS, Portmanteaus, Harness, Trunks, and every other article in his line of business, with neatness, durability and despatch. He returns his thanks for past encouragement, and shall endeavor to merit a continuance of the same.
July 26, 1831. tf-16

STRAY COWS.

CAME to the plantation of the subscriber, in Cumberland township, Adams county, some time last month, 2 COWS; one of them partly white, with a few red spots—the other red, with white spots on her forehead, short tail, apparently heavy with calf. The owner is desirous to come forward, prove property, pay charges and take them away.

GEORGE TROSTLE.
December 6, 1831. 4t-25

STRAY SHEEP.

CAME to the plantation of the subscriber in Cumberland township, about 1 mile West of the Borough of Gettysburg, some time in September last, FOUR SHEEP, three Ewes and one Ram—two of the Ewes are without ear mark; one of them has horns—the Ram has both ears cropt off and has horns—the Ewe has a crop off the left ear—the Ewes are young, the Ram is old. The owner is desirous to come forward, prove property, pay charges and take them away.

JACOB HERBST.
December 6, 1831. 4t-35

PROPOSALS,

For publishing in the City of Washington, (D. C.) a semi-weekly newspaper, entitled

The Republican Herald,

To be devoted to Politics and Literature.

As a brief outline of the principles which this paper will advocate is due to the public, it may be sufficient to state that it shall be guided by the great political landmarks erected by Mr. Jefferson to protect our republican institutions from the evils of accumulated power and corruption, to preserve to the people and the States that equality of political rights which marks the spirit of the age, and which alone can perpetuate the blessings of liberty, harmony, and peace, and secure to the "greatest number the greatest possible happiness." When these objects are lost sight of, the interests of the people are sacrificed to gratify the ambition of their rulers. For if the justice and protection due to allegiance be withheld from the citizen, distrust, jealousy, and contention must prevail.

It will oppose every cabal and association, no matter of what denomination, by which bad men can secretly combine and trample on the constitution & laws of the land, poison the sources of justice, prostrate talents and patriotism, and shield the vicious from the punishment due to their crimes. If ever Secret Societies were productive of benefit to mankind, it could only have been in the dark ages of despotism, when the liberty of speech itself was held by the frail tenure of tyrants will. In this age, in this country, where the capacity and right of self-government are practically conceded to the people, the only peaceable and constitutional mode by which the vicious tendency of "Secret Societies" can be averted, is an earnest appeal to the reason of intelligent freemen and to the ballot box. The great end of this paper, therefore, will be to develop and extend the principles here laid down; and in order more effectually to secure this object, it will advocate the election of WILLIAM WIRT to the Presidency, and AMOS ELLMAKER to the Vice-Presidency, of the United States.

In advocating the election of these patriots and statesmen to the first offices in the gift of a free people, we cherish the principles for which we contend, and present to our countrymen candidates possessing a combination of intellectual energy and purity of character, which will secure peace and harmony, and reflect honor on our common country.

A portion of the columns of the Republican Herald shall be devoted to literature and the progress of the arts and sciences.

The Herald will be published semi-weekly, at five dollars per annum, payable on the receipt of the first number, which will issue as soon as fifteen hundred subscribers shall have been obtained; and as it is desirable that the publication may commence at an early day, the Committee of Correspondence organized for that purpose, and others who desire to promote the election of WIRT and ELLMAKER, are requested to obtain subscribers and transmit their names to the Editor in Washington City. Washington City, (Nov. 17, 1831.) Dec. 5