was placed in the window. Every morning, gum. The whole is worked by means of bel-regular joints, yet contractible, and endued when the shop was opened, a fresh leaf was lows. In working, the paper, which has al- with considerable elasticity, and presenting at know that by carrying up a large flue (12 turned over, and shortly after the girl would ready been shaped by a die, is placed on the their extremity a system of minute tubercles, inches in diameter and circular is the best,) come. She did not, like most others stare at "carrier," from which it is immediately taken or hooks, or hooks, the foreign editions, but immediately went to off by a powerful aspiration from the bellows, They are well provided with visual organs, her own book, read through the page and went and carried forward to the "folding-box," having no less than eight eyes on each side.

away. This lasted for about three months.— when the "plunger" drops on it and squares Their jaws open sidewise, and they have two Latterly we have not seen her. She may have it, the "stamper" and "gummer" on either distinct antenna, or feelers. The apparatus been taken off by the Cholera, which has been side dropping simultaneously on the edges. for the construction of the extremely delicate riolent also in Cologne. Perhaps we shall By another operation these edges are blown silken or arenulous web in which they envelop off; which is so pleasant to go to in bad weafind the sequel to this simple story in a better down, and the envelop, now gummed and themselves, is located near the centre of the ther, especially by the female portion of the world." bound sale to remake

POVERTY AND OPIUM.

The same distress and poverty which, in our country, follow excessive rum-drinking, follow the use of opium in China. This drug does a fearful work in a short time. A missionary of the American Board at Shanghai, China, describes under a late date the effects of China where he labors. He thus writes:

a good deal of distress; distress caused partly bited on the Serpentine in Hyde Park which maturity, caterpillars usually change their by famine, and partly by the intemperate use it was said could neither be sunk nor over- skins four times. Most of them, at this period, of opium. Of this drug there are coming to turned. Various experiments were tried, cease feeding, spin about their bodies the web China, this year, seventy thousand chests, of all with success. The boat sailed equally one hundred and thirty pounds each, and to well full of water or empty! An attempt be sold to the people at a sum total of not less made to capsize her failed. We must add, than thirty-five millions of dollars. Thou-that she was built on the life-boat principle, sands, nay, tens of thousands, are falling by and was provided with air-cells, which enabled this poison, worse than the Bohan Upas. Al- her to float and make fair way even when full most every day, as I pass through the city, I of water and carrying her cargo besides. The which the former experience in their protect twenty and thirty-five. In some of the neigh- der the copyright of designs act. boring towns and cities many, and a few in Shanghai, are dying of hunger. The crops of grain, over all the plains of Kiang-nan, were Perhaps one of the readiest and simplest much injured last year by inundations. In floats, in such a case of shipwreck as that of the northern provinces, too, there was but a the Orion, may be formed in an instant by any poor harvest of bread stuffs, and the winter one with a hat. Take a pocket-handkerchief has been long and severe. There is probably (or towel,) place the hat on its crown in the grain enough in the empire to supply all, could centre of the handkerchief, gather up the corit be equally distributed. But the means of ners and tie them together over the centre of transportation are inadequate. The number the opening of the hat, and a life-buoy is at of poor who are now suffering in the district once completed. All the precaution required of Shanghai, is said to be two hundred. To is to take care and keep the crown of the hat these the public granaries are being opened, upwards, and hold on by the knotted portions and large contributions are made for food, - of the envelope. It will support a weight of Only a few rods from our own door, there are twenty pounds, much more than would be sufcollected, in one group, two thousand chil-ficient to sustain a person's head and shouldren, all under the age of ten years, and fur-ders above water. But should the hat accinished with food by the government. Fo-dentally get filled, it can easily be emptied in reigners are contributing generously to aid in an instant, and replaced in the water with the these charities or do so at another mode

Phosphorescence of the Sea.

The phosphorescence of the sea, or that condition called by fishermen bring, when the surface, being struck by an oar, or the paddle wheels of a steamer, gives out large quan- upon the vegetable kingdom, none, perhaps, sence of myriads of minute insects which have pillar. In voracity they are scarcely exceedthe power of emitting light when irritated.excitation.

We have been favored with an inspection more or less cylindrical.

stamped, is thrown off by the machine by a lower lip or mandible, and consists of a miside-opening. The machine is worked by nute conical tube connecting with two bags steam, and is capable, we believe, of throwing disposed in the interior of the chest or body. off from fifty to sixty envelops per minute. These contain the sticky or glutinous fluid Manchester Examiner.

Uses of Gutta Percha.

Gentlemen's hats and the coverings of umbrellas are now made in London of gutta pernow being produced by opium in that portion cha. The Athenaum says:-"But this is apparently only a beginning. Last week a There is abroad in the land, at this moment, sailing yacht built of this substance was exhi- rate in great, abundance. Before arriving at see its victims dying or dead in the streets. - plan on which she is built is claimed as a Most of these are men, between the ages of new invention, which has been registered un-

Extemporancons Safety Float.

open end downwards.-Newark Adv.

The Farm.

ABOUT THE CATERPILLAR.

Of all the insect depredators, which prey tities of light, has been attributed to the pre- is more universally destructive than the cater- farmer; he has too much land; he cannot ed by the locust, while they probably exceed on unmanured land is not effective. Land season. They will eat the skin off the inside brilliancy, as do several kinds of molusca.—
The nereides attach themselves to the scales of fishes, and thus frequently render them exceedingly luminous. Some of the crustaceæ possess the same remarkable property; twelve different species of the cancer were taken up and fifty to three hundred thousand, and six different species of the cancer were taken up and fifty to three hundred thousand, and six portion to results. by the naturalists of the Zoire in the Gulf of thonsand seven hundred and fifty millions to Guinea. The cancer fulgens; discovered by the third generation!" As the principal por-Sir Joseph Banks, is enabled to illuminate its tion of the food requisite to sustain this enorwhole body, and emits vivid flashes of light.

Many of the medusæ also exhibit powerful phosphorescence. These noctilucous creatures are, many of them, exceedingly minute.

England's glory is in her gardens; she is all bounded except by the sea-shore. They are unbounded except by the sea-shore. They hang upon her precipices, they cover her hills, they when the Sun shines bright, take a look.

When the Sun shines bright, take a look.

o'clock, to read a chapter in the Bible which of wood, covered with felt, and supplied with solid and more cumbrous, unprovided with any

which flows in a fine, invisible stream, and becomes indurated and elastic on exposure to thetait inimib vidicas by

The quantity of silk produced by these insects varies with their habits and character some produce but very little; others, such as the silk worm and the apple-tree insect, elabowhich is to protect them, and soon after pass their first transformations; others suspend themselves in different ways by threads, without any covering or cocoon; while a third ing shrouds, or cocoons, or in the open air.

They are sometimes gregarious, herding together in immense numbers, and passing their duced to the right temperature, by breaking brief existence, or at least the early part of it. in society. Some of them unite in their labors, form habitations, and appear to be directed by a system of instinctive laws and regulations, as is the case with the bee and ant. Others live and die in solitude. Such are some of the peculiar characteristics of this singular worm, than which, perhaps, no enemy with which the husbandman has to contend is more common or destructive, or less perfectly understood. - Germantown Telegraph.

Large and Small Farms Compared.

ario berbault de

Most young farmers are unsuccessful simply because their farms are too large, and the merchants themselves. In agricultural lan-tea. guage, " they turn too heavy a sward and do not lay it regular." So with the unsuccessful manure it properly, and his labour bestowed from measure berg voted for Dr. Berginsen

English Cardens.

several thousands being found in a tea-cup of yond the power of calculation. There are spread along her valleys; they make the whole sea-water. They float near the surface in some caterpillars, however, that subsist by decountless myriads, and when disturbed they vouring the solid substance of trees and or streamlet leaps from the rock, but it runs give out brilliant scintillations, often leaving shrubs; others find their common aliment in on its errands of irrigation; it falls in showers a train of light behind them. By microscopic the pith of plants, while a third class restrict upon the universal flower-bed. And the sun examination no other fact has been elicited their ravages exclusively to seeds and grains. never sets the summer long without having than that these minute beings contain a fluid There is, also, a species of caterpillar which opened more fully some damsel's rose-tree, or which, when squeezed out, leaves a line of light upon the surface of the water. The appearance of these creatures is almost invariably tive to feathers. We sometimes find leather diately. He cannot wander far without seeing advocated the high culture of fruit trees, and the maider of the Boston Agricultural meetings. Mr. George Pierce, of West Cambridge, and the maider of the Boston Agricultural meetings. Mr. George Pierce, of West Cambridge, and the maider of the Boston Agricultural meetings. Mr. George Pierce, of West Cambridge, and the maider of the boston Agricultural meetings. Mr. George Pierce, of West Cambridge, and the maider of the boston Agricultural meetings. Mr. George Pierce, of West Cambridge, and the maider of the boston Agricultural meetings. Mr. George Pierce, of West Cambridge, and the maider of the boston Agricultural meetings. Mr. George Pierce, of West Cambridge, and the maider of the boston Agricultural meetings. Mr. George Pierce, of West Cambridge, and the maider of the boston Agricultural meetings. Mr. George Pierce, of West Cambridge, and the maider of the boston Agricultural meetings. Mr. George Pierce, of West Cambridge, and the maider of the boston Agricultural meetings. on the eve of some change of weather, which perforated by them, and even detect them in the happy cottar and his hoe, and the maiden raising no crop among them after they were would lead us to suppose that their luminous flour, wax, meat, and lard; all of which are with her posies; bowers and rosaries, grottoes large. From four apple-trees which he set in phenomena must be connected with electrical voraciously consumed by caterpillars of par- and hedge-rows, all green and flowery, captiticular species, and at particular stages of vate him wherever he journeys. Linnæus Envelop Machine.

Envelop Mach We have been favored with an inspection more or less cylindrical.

of a newly-invented envelop-machine, patented

Their heads are covered with an indurated that England cannot but be happy if she prosby Remond, which is now being made at the or shelly helmet, and their bodies are composed per in her gardens. The flowers and truit, Atlas Works (Messrs. Sharpe & Co.'s,) Ox- of twelve wings, and provided with from four- the more orchards and potatoe-grounds, the

Milk Cellars.

Farmers about to build a dwelling, should in the chimney stack from the cellar, and having a window or two opening to the north or cold side of the house out of the cellar, they can have as good a "Milk Room" under their house as could be had over a spring, that may be perhaps 200 yards, or one fourth of a mile family.

The floor should be flagged with stone, as they can be kept sweeter and are colder than either bricks or cement which absorb "spilt milk' and thus taint the atmosphere. The walls and ceilings should be plastered to facilitate white-washing and cleansing. Nothing but milk and cream should be kept in the room, as the pure atmosphere for cream to rise in, is absolutely essential to the making of sweet butter.

What is needed to have a cool sweet cellar, is a current of air, which will be secured by the aforesaid flue, and the open windows—as a strong current of air is at least ten degrees colder, than the same air at rest.

Churning.-Farmers ought to know that churning can be done with any good churn in five to fifteen minutes as well in winter as summer-by having the temperature of the cream right, say 58 to 68 degrees. The temperature of an ordinary sitting room, would be the best place to keep the pot in the winter. In the summer the cream can be readily reup clean ice and putting into the churn.

A thermometer, which is necessary to regulate these matters, costs but one dollar, and such an investment every farmer ought to make, who has churning to do, and thus save labor and time, which is money and make this much dreaded part of the duties of farmers wives and daughters much pleasanter and easier-and for this I know they would thank your modest correspondent, if they knew him. Ohio Cultivator.

SMART WEED.

"Smart weed" which grows in abundance complaint is often heard that no money is to by the road side, and along the margin of be made at farming. Take up the directory ditches, clay-pits, &c., is said to be worth of ten years since, and mark the names of all \$5 per hundred for a stock of cattle, if cut the merchants then doing business in New and well cured when in bloom. One pound York; follow these names through the director per week given to a cow, ox, or horse, when tories of subsequent years, and see if one in up to hay, will keep their bowels from constitwenty have continued to do business for ten pation, and their hides loose. It is also said consecutive years without failing. This is a to be a sure remedy for cholic, in which case sorry fact, and arises from the fault of the it is to be steeped and drank as any other herb

FLIES.

Flies are a great trouble to horses at this The night-shining nereis emits a light of great them in power of increase—each female ca-fully manured, and thoroughly cultivated, will of their ears, and then feed upon the flesh,

CHARCOAL.

Six quarts of charcoal, finely pulverised, and put into a cistern of the capacity of fifteen

ing glass and hold it nearly perpendiculary over the well so that it will reflect on the water; and you may see a straw, or a pin, or any small object at the bottom, of any depth.

PROFITS OF HIGH CULTURE.

1839, he gathered last year (ten years) twentynine barrels of choice fruit, twenty barrels of

FOR A FIT OF IDLENESS.

ford-street. It is small and of simple construction, consisting of a "carrier," with a "plunger" and "folding-box," which has on one side a stamper, continually supplied with colouring matter, and on the other a plain bit armed with minute claws; the remainder are colouring matter, and on the other a plain bit of the same plain bit armed with minute claws; the remainder are colouring matter, and on the other a plain bit of the same plain bit armed with minute claws; the remainder are colouring matter, and on the other a plain bit of the same plain bit armed with minute claws; the remainder are colouring matter, and on the other a plain bit of the same plain bit armed with minute claws; the remainder are colouring matter, and on the other a plain bit of the same plain bit armed with minute claws; the remainder are colouring matter, and on the other a plain bit of the same plain bit armed with minute claws; the remainder are colouring matter, and on the other a plain bit of the same plain bit armed with minute claws; the remainder are colouring matter, and on the other a plain bit of the same plain bit armed with minute claws; the remainder are colouring matter, and on the other a plain bit of the first three pairs of more cultivated plots for vegetables and for Count the tickings of a clock. Do this for