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## THE GRANGE VISITOR.

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#### The Happy Farmer.

At last, at last, the evening shadows fall, And wearily but happily I hie me home While in my heart I hear the call

That bids me from the hillside to the hearthside

O parting day, that brings the parted near! O dusky shade, when higher lights appear! I welcome thee, with heart and carol free, I welcome thee, blest hour, when fond hearts wel-

How loiteringly the burning day goes by, How heavily the hours impose their meed of

But comes at length the lenient evening sky, To bend with rest and coolness o'er the throb

bing brain. O tender eve, that bring'st from toil release! O holy night, with brooding wings of peace! I hail thy shade, that homeward beckons me, I welcome thee, blest hour, when fond hearts wel-

-E. C. L. Brown, in Boston Transcript.

#### Weeds on the Increase.

Very few farms are so free from weeds as to render precaution unnecessary against the germination of their seeds under favorable conditions for growth. Where weed seeds exist in straw or other material used for bedding farm animals, and the manure is drawn directly from the stable and spread on the field, there is great danger that the farm will be overrun with an unsightly and unprofitable crop of weeds. Now, when so much land is devoted to corn for soiling or small two-winged fly, not larger ensilage, it is very convenient to than a mosquito. It has at the will be on hand not only in the grain crop but also in the meadow of succeeding years.

section, weeds were seen successfully contesting with timothy and is that of cutting the hay crop clover on good meadow land, and ten days earlier than usual, so as lars brushed with soap and sulon what have usually been con- to prevent the development of the phur or with kerosene emulsion. sidered well managed farms. first brood of midges. The chief This last, diluted, is promptly fails!" And in these times, unless get them to eating corn nicely Their unsightly presence is man- objection to this is that the hay used against aphides as they apifestly on the increase. If any is too green to cure well. Where pear, at any time during summer. one tries to keep his farm free it can be used in the silo this ob- To check the rust and mildews successful city brother, he will feeding twice a day and feeding from such pests, the chances jection will be obviated. The which disfigure and devour leaves fail. will yearly receive a seeding the clover fields after the crop and currant bushes this yearfrom adjoining farms of careless has got a good start in spring. we use sulphur, placing a little count of any money it may di- Of couse there will be some litter neighbors. Neglected or untilled The cattle eat the blossom heads, where its fumes may rise through rectly earn, but on account of the in the hay they will not eat, and land is sure to prove the harbinger containing the eggs or young, the leaves; or for wider use, we pleasure it will give, and that is that we use as bedding. We give

their seed. meadow nearly free from weeds of all kinds. The oldest of these ed success.—Ohio Agr. Experiment easily.—W. G. Waring, Sr., in N. The oldest of these ed success.—Ohio Agr. Experiment easily.—W. G. Waring, Sr., in N. The oldest of these ed success.—Ohio Agr. Experiment easily.—W. G. Waring, Sr., in N. The oldest of these ed success.—Ohio Agr. Experiment easily.—W. G. Waring, Sr., in N. The oldest of these ed success.—Ohio Agr. Experiment easily.—W. G. Waring, Sr., in N. The oldest of these easily.—W. G. Waring, Sr., in N. The oldest of these edsuccess.—Ohio Agr. Experiment easily.—W. G. Waring, Sr., in N. The oldest of these edsuccess.—Ohio Agr. Experiment easily.—W. G. Waring, Sr., in N. The oldest of these easily.—W. G. Waring, Sr., in N. The oldest of these edsuccess.—Ohio Agr. Experiment easily.—W. G. Waring, Sr., in N. The oldest of these edsuccess.—Ohio Agr. Experiment easily.—W. G. Waring, Sr., in N. The oldest of these edsuccess.—Ohio Agr. Experiment easily.—W. G. Waring, Sr., in N. The oldest easily. pieces has now the fifth year's Station, Columbus.

crop of grass on it. It has cut a full crop every year, and has now a beautiful stand of clean timothy. It has been pastured every fall but one, which practice is thought by some to favor the increase of weeds, but a half bushel would hold all the weeds that have made themselves visible on the six acres this year. If my farm was all corn and potato land it would all be subjected to this course of cropping, with the manure applied to the potatoes. The potato crop has uniformly been greatly benefited by the manure, and has always, under such management, been a paying crop. Barn manure applied at time of seeding to grass will result in weedy meadows. My experience has been that manure finely incorporated with the soil by the thorough cultivation through the season given to the potato crop, will return large immediate profits, and result in excellent crops of grass on clean meadows. Two hoed crops in succession, if the work is thoroughly done, is a very profitable substitute for the old-fashioned summer fallow, and about the only practicable way of securing meadows free from weeds in this locality. Eight or ten years ago I told the readers of the Country Gentleman of my success in killing "quack grass" by cultivating boed crops two years in succession. The clean piece of timothy above mentioned occupies ground badly infested with this weed fifteen years ago. -C. S. Rice, Lewis Co., N. Y., in Country Gentleman.

#### Clover Seed Midge.

The adult of this insect is a spread the manure on sod in late posterior end of its body a long results in a good crop of corn, it inserts its eggs near the center again.

morning through a good farming preventing the injuries of this in- with hellebore; and soon after edge of his machine cut—who When it is wet and muddy we feed are ten to one that his fields second is that of turning cattle in of weeds and the distributer of and so the pests are destroyed. syringe with a dilute solution of fruits and flowers. Don't let us them access through the day to a neir seed.

The best, cleanest and most ing with Mr. John Warren, of phide of potassium or liver of method is that originating with Mr. John Warren, of phide of potassium or liver of method is that originating with Mr. John Warren, of phide of potassium or liver of method is that originating with Mr. John Warren, of phide of potassium or liver of method is that originating with Mr. John Warren, of phide of potassium or liver of method is that originating with Mr. John Warren, of phide of potassium or liver of method is that originating with Mr. John Warren, of phide of potassium or liver of method is that originating with Mr. John Warren, of phide of potassium or liver of method is that originating with Mr. John Warren, of phide of potassium or liver of method is that originating with Mr. John Warren, of phide of potassium or liver of method is that originating with Mr. John Warren, of phide of potassium or liver of method is that originating with Mr. John Warren, of phide of potassium or liver of method is that originating with Mr. John Warren, of phide of potassium or liver of method is that originating with Mr. John Warren, of phide of potassium or liver of method is that originating with Mr. John Warren, of phide of potassium or liver of method is that originating with Mr. John Warren, of phide of potassium or liver of method is that originating with Mr. John Warren, of phide of potassium or liver of method is that originating with Mr. John Warren, of phide of potassium or liver of method is that originating with Mr. John Warren, of phide of potassium or liver of method is that originating with Mr. John Warren, of phide of potassium or liver of method is that originating with Mr. John Warren, of phide of potassium or liver of method is that originating with Mr. John Warren, of phide of potassium or liver of method is that originating with Mr. John Warren, or liver of method with Mr. Joh enduring meadows that I ever Lodi, Medina county, Ohio, which sulphur convenient and effective. night; we can work all the better barns. We let them have access had, were obtained on land that consists of running the mower To perpetuate a bed of strawber- for having a little pleasure, and to plenty of water. This is for had been three years under the plow before seeding to grass of May, leaving the product on over the ground directly after ov A good sod was broken and corn the ground as a mulch and fer- the last picking and pull up all Let us have more of these than drilled, with 500 lbs of phosphate tilizer. There then develops a old plants. If this takes nearly we want; let us share them with to the acre. The next year the vigorous crop of clover blossoms, all, we leave the plants lie in our neighbors, and we shall never ground was well manured and which comes between the regular rooted, and before the fall growth rooted. third year seeded to clover and broods of the midge, thus escaping sets in, about September 1, thin Yorker. timothy with barley or mixed attack. This has been tried for again severely, leaving plenty of grain. There are now on the two or three seasons by some of foot-room between the retained farm several pieces of such the most reliable farmers of north- young plants. Old and worn-out have a standing offer of \$25,000 a

#### Garden Reminders.

Another season in my home garden (about the sixtieth) affords additional proof of the great amount of needless heavy work wasted by many who desire by such rural resource to benefit health, increase æsthetic enjoyments, or add to their fruitful stores. Next to having fairly good soil, good seed and good plants, and giving these room enough for each to develop fully, the main thing is to rub out all weeds, including the superfluous plants, as soon as they appear. For the plants you raise you want every iota of the nutriment the soil annually supplies, and every day and hour of sunshine during their season. It is surprising how soon a plant becomes crip pled and set back by the roots of another plant, with more push, taking away from it what its own roots may have gathered. And, ive of these, when the soil is not too dry, run immediately close beneath the surface and spread out much further than is usually supposed. Deep hoeing, especially prong-hoeing, while these roots are in operation, plays the mischief with them. The shallowest scrapeg or slicing or rak-ing suffices if it demolish the weeds, and waves the mere surface loose and shelter to the freshly-dug gardens, is oftener too full of wide air spaces to be able to hold or convey upward the needed supply of moisture to the feeding roots. We do less and less digging and heavy hoeing every year, with great saving to waning muscle; but, when digging is done, the dug ground is compacted again as much as pos-

pupa or chrysalis state, and a after and treated promptly. As few weeks later emerge as flies the fruit trees blossom, we begin the chapter. to syringe current and goose-There are three methods of berry bushes and rose plants chant who does not make every spring, so the manure is not lost. even attacking our geraniums Y. Tribune.

#### Make Every Edge Cut.

What would be thought of a farmer who sent his mowing ma- much if it can be avoided, because part of his knives so dull that constitution, although it is a fact they would scarcely cut? And that most all the different breeds vet, when we think it over, this of sheep were produced by inin all our farming operations. that the close breeding up to a

to your neighbor's thoroughbred sister. instead of to that scrub. But you and can still do so?

ments: Where are they? If they ewes you have and you breed are under cover, well painted them to a poor ram, you cannot and oiled, then this edge is well accomplish an improvement. On sharpened; but if not, you are the other hand, if you have only blacksmith very do soons, be then with as good a ram as you privilege of running with this can secure, you are sure of a good dull edge.

And the manure pile: This is Look at it carefully; see that it breeder who makes the producgrows no smaller, and if possible tion of breeding animals his busi-

make it bigger.

many edges with which you cut; to attempt to raise one yourself, but see what a difference it makes which, after all, is akin to your whether these are sharp or dull. flock, or buy some cheap ram of fall or winter, and plow it under in tube, which is the ovipositor, or fall or winter, and plow it under in tube, which is the ovipositor, or Among all perennials, as berry Are you doing your work with your neighbor. Breeding lays spring for the corn crop. This egg depositor, by means of which fruits, vines, rhubarb, asparagus, every knife in good order, or are the foundation and feeding builds strawberries, we rarely find use they dull, broken and rusty? upon that. results in a good crop of corn, but the shallow cultivation now practiced leaves the manure unteresting the clover heads. These eggs had the content of the clover heads. These eggs had the content of the clover heads. These eggs had the content of the clover heads. These eggs had the content of the clover heads. These eggs had the content of the clover heads. These eggs had the content of the clover heads. These eggs had the content of the clover heads. These eggs had the content of the clover heads. These eggs had the content of the clover heads. These eggs had the content of the clover heads. These eggs had the content of the clover heads. These eggs had the content of the clover heads. These eggs had the content of the clover heads. These eggs had the content of the clover heads. These eggs had the content of the clover heads. These eggs had the content of the clover heads. These eggs had the content of the clover heads. These eggs had the content of the clover heads and the content of the clover heads. The content of the clover heads are the content of the clover heads. The content of the clover heads are the content of the clover heads are the content of the clover heads. The content of the clover heads are the content of the clover heads are the content of the clover heads are the content of the clover heads. The content of the clover heads are the clover heads are the content of the clover heads are the clo der the sod undisturbed. and that attack the blossoms and prewhen the ground is plowed for vent their development. When find) is used, and greatly helps to the succeeding crop the seeds full grown these maggots are feed the plants and to suppress has become second nature to you. have fed them in several different that it contained are in favorable about one-fifth of an inch long, other growth. Toads are encour- If this is so, stop now; think ways. Our best results have condition for growth. If the orange in color; and have no legs. aged to keep down the snails, carefully over every branch of been obtained by feeding them a field is seeded to grass the same When fully developed they drop etc., which are apt to increase your farming and resolve that variety of fodder, hay, straw and year, weed seeds will also germi- from the clover heads to the where they have such shelter. you will make every edge cut; corn; feeding them corn and year, ween seens will also germinate and their noxious product ground, where they go into the Other leaf-destroyers are looked for unless you do, you will keep fodder (letting them do their own

prove each line of his business? in the stables, we give them The answer is very simple: "He clover hay in racks. After we energy and persistence of his give them about all they will eat,

should be sharpened, not on ackeeping the stable dry with straw.

Anthony Comstock is said to

#### Breeding and Feeding Sheep.

We do not like to in-breed very chine into the hay field with a it has a tendency to weaken the is what many of us are now doing breeding. The truth seems to be Let us look at some of the edges certain point is necessary to with which we cut our way on secure a fixed type; and when the farm, and see if they are not judiciously done, it may be the means of securing most valuable First, the cows: Are you mak- results. To change the ram the ing as much money from the second year would be to act on cows as can be made from them? the side of safety. You may No, you are not; because, first, breed a ram to his own ewe lambs they are not as good stock as with no bad results, but you they might have been. You should avoid breeding to the might have got a thoroughbred second generation's offspring. bull calf for a small amount a To breed a ram to his ewe lambs few years ago; or you might have is safer and is not as close breedpaid a few dollars more and bred ing as breeding brother and

We must breed for some desired did not. Or, you might have read object and learn to know the in the dairy column how the best character of every ram and ewe ter, and then practiced what you Remember that the male impressread. But you did not. And are es upon the progeny most strongthere not various other ways by ly, so it is necessary to be very which you could have sharpened careful in securing the ram as up the dairy edge on your farm near the desired type as possible. The ram is one-half the flock. Now let us look at the imple- No matter how nice a flock of then with as good a ram as you result.

It is cheaper to pay a good the biggest blade in the machine. price for good rams to a capable ness and knows what a good These are only three of the breeding animal should be, than

out on a pasture we intend to What becomes of the city mer- plow up for corn the following But there is one knife that they will clean up nicely, always

It is a great and noble thing to cover the blemishes and to excuse the failings of a friend; to draw the curtain before his stains and to display his perfections; to bury his weakness in silence, but to proclaim his virtues upon the housetop.—South.

#### A Very Intelligent Bird.

We conversed some time together-You may think it quite absurd-But I found that quail in the orchard A most intelligent bird.

He chose a shady corner Before he would alight; I inquired: "What is your name, sir?" He said at once, "Bob White."

He had an air of busines The knowing little sprite! So I asked about his family: He said at once, "All right."

I thought I'd like to see them, And asked him if I might; Perhaps it was the thought of to ist That made him say, "Not quite."

"Permit me just a glance, sir They must be a cunning sight-Then tell me what's the reason He winked and said, "Too bright."

I said, "Don't you get dizzy When you swing at such a height? He hopped upon ε loftier perch Then answered back, "You might."

I asked him if he really thought 'Twas haying weather yet; He turned asky his weather eye And syllabled "More wet."

Though from answers dissyllabic He never swerved a mite; Yet he always had an answer, The roguish little wight.

At last I tried to catch him-He showed no signs of fright, But simply spread his winglets, And chippered back, "Good night."

Your parrots and your mocking-birds You may think are very bright; For wit and for intelligence I recommend "Bob White." -The Congregationalist

#### The Cost of Butter.

It is a common practice in counting the cost of a finished the cost of the product, in conseper ton.

the actual cost of seed-sowing Moreover, the quality of the butand harvesting; two crops of two ter is an important item of con- a better pasture to "fill up." and tons per acre being taken as the sideration, for every cent gained then back into the bush-lot again, basis, and the pasture of the second growth then costs noth- Times. so alternating until there was scarcely a green leaf remaining. ing, being included in the above cost. The cost of the land is not estimated. With an interest value of three per cent., which is as figured per acre: Seed, 10 pounds understood, "we have no use for crops of two tons each are made, they are two years old, but some- they raised no lambs. as should be on land of the value times not for one, or even two given, equal to \$1.25 per ton.

10 cents, and 5 cents for labor put the harness on them, letting per day, the cost of a day's feed-per day, the cost of a day is feed-per day, the cost of a day's feed-per day, the cost of a day is feed-per day should return sufficient to replace rattle. Then lead them out and one cow and three horses. His from five to six feet or even counted for his unexpected rethe cost of the cow and interest allow them to stand beside a work- farm is paid for, the buildings more. Nail a brace temporarily turn: "Fore miles from a nayber, on it, and a good cow should horse that is harnessed; then lead and fences are in good order, a across the butt ends to hold them sixteen miles from a postofis, yield one pound of butter per them to water, or along some fa-commodious sheep barn has been apart, and bore holes at proper day on this feeding. Thus, the miliar roadway. If inclined to erected, and there is not a better distances and at proper angles; hundred and atey from timber, cost of the butter for feed, etc., so far will be 20 cents per pound.

This will one like be reduced to 15 ly wars them forward. The solution of the butter for feed, etc., by all back, have some attendant grain farm in the country. The or if the spread is not too great two hundred and fifty feet from the orchard which produced but little they may be bored before the they may be bored before the spread is not too great two hundred and fifty feet from the orchard which produced but little they may be bored before the spread is not too great two hundred and fifty feet from the orchard which produced but little they may be bored before the spread is not too great two hundred and fifty feet from the orchard which produced but little they may be bored before the spread is not too great two hundred and fifty feet from the orchard which produced but little they may be bored before the spread is not too great two hundred and fifty feet from the orchard which produced but little they may be bored before the spread is not too great two hundred and fifty feet from the orchard which produced but little they may be bored before the spread is not too great two hundred and fifty feet from the orchard which produced but little they may be bored before the spread is not too great two hundred and fifty feet from the orchard which produced but little they may be bored before the spread is not too great two hundred and fifty feet from the orchard which produced but little they may be bored before the spread is not too great two hundred and fifty feet from the orchard which produced but little they may be bored before the spread is not too great two hundred and fifty feet from the orchard which produced but little they may be bored before the spread is not too great two hundred and fifty feet from the orchard which produced but little the orchard This will easily be reduced to 15 ly urge them forward. Then take when he purchased the farm has, the pole is split. Rounds of cents by the value of the skimmed down the lines and drive, going by a judicious system of trim-tough, strong material may now the summer with my wife's folks.' milk, worth 5 cents per day.

the accounts of the writer's dairy route. Avoid abrupt turnings or fruitful, and his apple sales last not in profit, which time averages long enough continued to worry \$1,000 annually from their prosixty-five days for more than or tire them, then hitch to sled duct in lambs and wool.

the interest charge in the land.

A similar estimate has been turning. made at the Massachusetts staone quart of cream - that is for a light load by the third trial. being more nearly accurate.

what it has given. It follows, then, that a dairy man having good cows and feeding them well, cannot make good butter for less than 15 cents per ing sheep, intelligently, on ordi pound. Probably not more than nary farms is little understood. price of it, and thus making out The cost of the land is two-thirds not made any advance in the a loss instead of profit. This of the total cost of the hay, and right direction. way of figuring has a depressing pasture may be estimated to be result on the mind, and as when worth as much as hay. A cow ticle to report how two of my acone nurses a sore, either of body on good pasture will make a quaintances have accumulated or mind, it furnishes a prolific pound of butter per day in the considerable wealth by sheepsource of unnecessary discontent early Summer months without husbandry. One commenced ten and complaint. This, however, any grain food, and if green fod-is not the just manner of com-puting the cost of any product. puting the cost of any product. cost little more than grass, a He started in with the determin-The right way is to charge the good cow may be kept through ation that "sheep should help feed and material used at cost. the Summer without grain food, him out." His policy was to make and not the selling price with the profit on it, and thus find the actual cost of the product and the product. If half a gone beyond that, and purchaster the profit of the product. If half a gone beyond that, and purchaster the profit of the product. the profit on its sale. In regard pound of by the per day is made ed feed and returage. He much—that is, estimating the labor involved in the production labor involved in the production cent butter than in a pound of crops of grain and a crop of cloof feed, the care of the cows, the better quality at 25 cents. But ver hay, in the following rota amount of their product, and the the facts shown certainly go to tion: corn, oats, wheat, clover, labor of making the butter. Very show that the best cows are the then sheep again. The coarse few dairymen really know what most profitable, for one such cow manure was always placed on the the product costs them, and most on grass alone will make more corn ground and plowed under. of them who figure upon it make money for her owner than two and the fine on the wheat field the mistake of estimating the poor ones, not only by the quan- before the last harrowing. He feed at its selling price instead tity given, but through the betof its cost price. The cost of ter quality. When, however, the ers, but did land plaster on the hay is put at the market price freshness of the grass is past, clover occasionally with good reand the pasture is charged at an and grain food must be given, and sults; but he always feared makequivalent of the hay at the same in Winter dairying, the cow that ing the soil "plaster sick." and given where a large number are spects than in any other walk of price, and this is usually \$10 responds most liberally to grain consequently used it sparingly. Now hay can be grown and put profitable, and a cow that will fields by pasturing them closely.

#### Breaking Colts.

Having just read an article ilk, worth 5 cents per day.

These figures are taken from lowing them much of choice of with sheep, become abundantly first removing the brace.

twenty-five years, is not consid- or wagon, with as little rattle to

No two colts can be treated extion, and is published in Bulletin actly alike, as no two have the to milk and butter. These men No. 34 for June, 1889. The sta- same disposition, but in repeated and their families live a comtion found the cost of one quart cases we have hitched to wagon paratively easy farm life. - Galen of cream to be 15.09 cents for after only a few hours' prelimi-1887, and 13½ cents for 1888. As nary exercise, and always ready cream, not milk and cream-will We should not attempt to ride a easily make one pound of butter. colt until after it has worked; these figures represent the ap- then, perhaps, as coming in from proximate cost of the butter as harrowing or other work, as it reached by the station, but no would be somewhat tired, we charge is made for the use of the would gently bestride it, not, land, the feed being estimated at however, quickening its pace. the market value. There is not This is our long-time rule, as any important difference between against the too common one of the two estimates, considering calling in a half-dozen neighbors, the variance in detail, but we getting out the big rope, bridle prefer to take our own figures as and saddle, and when the wild colt has been cornered in the The value of the manure should lot or shed, and the, to him, vilnot enter into this calculation, lainous-looking and feeling outfit although it might make a differ- has been buckled and girthed to ence, because, as the hay is him, with the fright from the grown by previously made man-strange crowd and their loud and ure, the land should be repaid by unfamiliar voices, he is in a mood the fresh supply in return for for a runaway or sulky defiance. -J. M. Rice, in Prairie Farmer.

#### Successful Shepherds.

The benefits arising from keep one-tenth of the cows in use yield Among all my farmer acquaintanenough butter to pay for this ces I cannot name one who has feeding, and it is a question if been a persistent sheep-keeper the farmer who keeps his poor that has not added to his cash product like butter, to estimate cows on pasture alone does not account and the fertility of his all the material used at the com- make more profit from the feed- soil by this means, while I do mon market price, and putting ing than the dairyman who feeds know many who, if they have not well and keeps better stock. grown poorer in these respects quence, far above the selling Pasture is cheap on cheap land. by raising and selling grain, have

It is only the design of this arfeeding will be found the most He subdued the briar and brush When the herbage was well re-He considers August the best month in which to subdue bushes

slave themselves to death waiting upon hired help or attending Wilson, in National Stockman

#### Feeding the Runts.

The objection to feeding anysome that will get more than the surplus in staples. others of what they should have. separate from those that are place.—American Agriculturist. larger and older, providing a separate place for them where they can eat without being disturbed. They may be allowed the run of the same pasture but of agricultural depression is lack ought to have separate places to of economy on the part of farmers. feed and sleep. Give each lot a There is certainly much waste on sufficient quantity at each feeding the average farm, in the way of to keep in a good thrifty condi- careless work, and shiftless, sliption. Runts are an abomination shod methods; but there is not and stunted pigs are but little more now than there always has better, and it is easy to stunt by been. The style of living has a little neglect, especially in somewhat improved. There is feeding, and once a pig gets fairly less hard work and more comstunted no after treatment will forts than there were fifty, or entirely eradicate the effect. Un- even twenty-five years ago. But less more than ordinary care is the advance is less in these rebefore they will be noticed. twenty-five years ago, is proporquicker and a change be made that will obviate it.-Western Swineherd.

#### A Fruit Ladder.

and briers, "because," he says, "they stay killed better." At his described in one of the agricul-The following fruit ladder is much as any investment so secure from a practical dairyman on leisure during the fall he grubs tural reports: Take a pole of as real estate will yield, and an "breaking" heifers, we feel like the field, and the next season it any desired length, but not of but it is, we believe, temporary. allowance for some minor ex- saying that our experience in is planted to corn. His farm has large diameter, sharpen it at the not permanent. It will vanish penses of 75 cents per ton of hay, have will cost \$5 per ton on land raising them accords exactly with ment, and grows excellent crops feet from the top put a flat iron feet fl worth \$50. The cost is thus his. As the term is generally of grain, which he feeds on the band about it, or in case a band Home. place to sheep. In speaking of is not at hand it may be securely each of clover and timothy, \$1.45; it." Our colts are petted from the sheep industry in connection wrapped with wire to keep it sowing, \$1.50; making, etc., 55 the start, are always treated gent- with farming, he said: "I would from splitting. But the band filled with enthusiasm and a desire cents; use of machinery, etc., ly and they are as quiet as an old keep sheep if they produced no should not be thick or with to "grow up with the country" \$1.50; in all \$5, for which two horse. Generally, the fall after wool, or I would keep them if sharp edges else it may cut or surprised his friends by returning chafe the bark of the tree. If home after an absence of several The other farmer purchased the grain is straight it may be weeks. He said that while he years later-but we prefer the 120 acres in 1882, running consid-split with wedges from the butt was out land hunting in what he With 20 pounds of hay at 5 earliest period—as they stand erably in debt. The buildings to this band, or it may be thought was the garden spot of cents, 10 pounds of grain food at haltered in the stable, we quietly were meagre and dilapidated, the split with a rip-saw. Now America, he came across a boarding will be 20 cents. The calves to accustom them to the feel and on sheep, keeping besides only is to be quite tall this should be found this inscription, which ac-

for several years past, and the quick and harsh jerkings. When year were \$630. His flock of upward into a tree and placed in undertaking of photographing charges for feeding are such as they have become accustomed to sheep consists of 140 ewes, 100 a fork or against a branch with- the entire heavens. Each observare common in other dairies. this kind of movement, whether of which he devotes to raising out danger of falling or being atory will have to take about 700 The feeding of the cows when it be in one or more lessons, not winter lambs, and averages about unsteady, and it has the addi- photographs in the zone assigned

Neither of these men hire any handle. If desired, a third leg ered, as the pasture does not cost it as possible, and preferably help except a few days in haying or brace can be added by hingeanything, being allowed for in drive over a smooth field, as there and harvesting, and the won.en ing it to the top round through a plenty of room can be had for of the household do not have to hole, thus making a step ladder. -Western Rural.

#### Changes in the Future.

American agriculture has touched bed rock. Prices of farm lands and of produce cannot welf be lower. The opening up of farm empires in the public domain has about come to an thing like a number of hogs or pigs end. There are still subject to together is that it is often that settlement or obtainable at there will be some of the smaller nominal cost vast areas in the ones that will not be able to secure west and south, but there is no their share, and in consequence chance for any such marvelous they get stunted. It is not be development of new territory as cause the feed is not supplied has characterized the past three them, but because they do not decades. More intensive methods get it. Hogs are naturally greedy will gradually come into general and when feeding for growth, use, land values will rise and when not given all that every one produce will command better can eat there is certain to be prices as diversification reduces

With this change will come This is more particularly the case greater demands upon our farmwhere quite a number of hogs ers to hold their own in public are kept together. Because it is affairs and secure absolute justice more convenient to feed all the in taxation and representation. The feeling of unrest among so many are careless in this respect large a proportion of our farmers and the feed, whether grain or to-day is in some degree due to slop, is thrown out to them and the fact that they have failed to each animal is left to look out for do their full duty as citizens, at itself. In a majority of cases a least to a considerable extent. If little more care in dividing up farmers are injuriously affected according to size and thrift will by the influences which seem to aid materially in securing a more have conspired to advance the ineven growth on the same quantity | terests of capital at the expense of feed. During growth it is not of producers, the reason is to be necessary to feed all the hogs will found in the fact that the favored eat and especially when they interests have been constantly have the run of a good pasture, on the alert while the farmer has but it is nearly always necessary raised but an occasional feeble to feed more or less, and in protest. To grapple with the deriving the most profit in feed problems that confront him as a ing it is necessary that each one citizen, as well as to make a should get its share. In fattening hogs they must be fed all approaching changes, requires a that they will eat up clean at higher degree of education than each meal, and if this is done a has been common among farmers good gain can be secured with in the past. It is in enabling the all. In feeding for growth, and rising generation of producers to this is what is to be done during acquire this education that our the next three or four months, agricultural and mechanical the younger pigs should be fed colleges are to fill so important a

#### Economy of Farmers.

We do not all agree with those will getstunted, at least partially. while actually larger than When fed in smaller lots and tionately smaller. Farmers, as as they did twenty-five years ago, and they cannot affort to live as well. This change in their relative position is not the fault of farmers themselves. It is the fault of conditions over which they have no control. The depression is general, not local; to take a back seat.-Farmer's

> A young man who went west twenty miles from a raleroad, a

Twenty one observatories are Such a ladder can be thrust now engaged in the international light at the top and easy to work in three or four years.

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INGERSOLL'S LIQUID RUBBER PAINT.

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#### Illusion.

Down in the valley, he thought, how grand To stand on the mountain-peak, To feel the four free winds of heaven And to see the daylight break! The flowery grass of the meadow-lands, The wealth of the waving crop. He knew them safe, and rich, and fair, But he longed for the mountain-top. What mystic shadows and depths were there What glory of color and light! He knew that his heart would never rest

Till his feet had reached the height. With painful care and a beating breast He climbed the dangerous ground, And stood at length on the mountain-top, With nothing his gaze to bound. But the clouds were still as far above,

And alas! the stony peak Had never a flower or blade of grass; It was cold, and barren, and bleak. And far below was the valley sweet,

With its fields of waving corn With its orchard trees and garden place, And the house where he was born Thus from the valley of sweet Content Ambition lureth men to seek

The splendid, lonely, barren place That girdles Life's most lofty peak But oh for the pleasant valley homes! And happy the feet that daily pass Through woodland ways and blowing corn, And the long sweet orchard grass. -Harpers' Weekly.

For the VISITOR. Booming Batavia Grange.

The regular meeting of Batavia Grange for Sept. 23d opened with the usual form. After roll-call the Master made a call for "new business," which was responded to by Bachelor Wilson. He arose and began to talk rather hesitatingly, as though he hardly knew what he wanted to say. As he is quite a moralizer, I expected he was going to give us a lecture on morality. After uttering a few sentences, he began to talk about Grange unity-saying the Grange could accomplish nothing unless it could act as a unit.

"We must sacrifice our own peculiar views," said he, "for the good of the Grange. Whenever a question comes before us for settlement by vote, the result of that vote should be acquiesced in by every member; and whosoever would attempt to defeat the result in any manner, except by the rules of this Grange, is unworthy the name of 'Granger.'

"That is very good doctrine," thought I, "but what can be his object in talking to us in this way at this particular time?"

history of our Grange, and I age abundant as well as assured could think of no disagreement a large hay crop. But it is quite that would call for a lecture.

Continuing, he said:

be coming next?"

self around facing them, and they would all nod assent to his views.

to spring a surprise on us. He use. When it rises to the neigh-expects opposition, but he ex-borhood of grass roots, the dry. pects to win; and he is preparing hard soil will soon conduct it to the unsuccessful party to take the surface, whence it will pass their defeat philosophically. I off into the atmosphere. Morelooked over towards Mrs. Bowers over, the pores of the soil are so

something unusual. "Now." said he, "we had a literary contest in this Grange a ants of the farmer, the microbes, few weeks ago, between the married and unmarried people, and ations in decomposing the dead we won the contest, and I think vegetable matter in the soil and it about time the defeated party aiding in new vegetable growths, pay the forfeit, which was agreed become inactive, and vegetation upon beforehand to be a supper for the Grange. Now, I think Therefore, i the defeated party should open all surprising if, before the end London, England, was frozen, their hearts and purses and pre- of July, word should go forth a printing establishment was set pare a supper, not only for the from among the farmers: "The up and many collectors rejoice Grange, but for invited guests pastures are all drying up!" also, then we can bring in our Farmers will remember that last friends and have a good time. year, notwithstanding the almost And now, Worthy Master, I move continuous rains during June and London: Printed on the ice in you that the married people of July, before the first of Septem-

one week from to-night." Now came the opposition. Mrs. Moore sprang to her feet, declar ing the motion an outrage. She ble to break it for wheat, and this gaol, but, though I have inwould never submit to it, unity much of the wheat was poorly quired, I have not discovered one or no unity.

"Every good Granger will submit to a vote of the Grange," interrupted a bachelor.

cessful party to dictate terms. The terms have already been—"

caught hold of her dress and of corn and corn fodder to suppulled her down into a chair and plement the pastures. a hurried consultation followed. A note signed by Mrs. Bowers about the conditions of agriculwas handed to me, which read, ture, are wont to make them ·Vote for this motion."

and the Master declared the mo- say that farmers are always comtion carried.

Mrs. Bowers took the floor immediately and said:

that every bachelor who attends complaints of drouth commence. this Grange supper without a But townsmen have no idea how partner shall be fined five dol- dependent farmers are upon pro-

denly that the audience did not vegetation suffers from both exfor a moment fully comprehend tremes. Farmers have done a the proportions of the joke final- evil effects of extremes by drainly dawned upon them they began age and surface cultivation. but minutes was a scene of confusion entirely overcoming such effects. such as was never before witnessed in our hall. The bachelors, who had gathered around Mr. mothers with them.

his feet and making several ineffectual efforts at clearing his throat, he began: O. A. V.

[To be Continued.]

#### Pasturage and Drouth.

The almost continuous rains, in large portions of our country, My mind ran back over the have made early summer pasturof those rains may be manifested tucky, Eastern Tennessee and Oldest Plow Works in N. Y. State. "Now, let each one of us re- in a way not looked for. These the mountain regions of the Carsolve here to-night that we will heavy, beating, long-continued call that part of our country lying Field Plows, Subsoil sacrifice our personal prejudices rains have compacted the surface all that part of our country lying and peculiar personal views to of the earth, of clay soils espe- northward of the States named preserve the unity and harmony cially, to such a degree that, now existing among the members should they be followed by a severe drouth, there may be a cesof the Grange."

"Well," thought I, "what can sation of the growth of grass, far suitable) large tracts of land now violding small returns which Just at this moment I noticed that a number of bachelors were seated near him and I surmised subsoil with water, and in all culseated near him, and I surmised subsoil with water, and in all culthat they were not there by acci-dent. When he would make a etc., that soil-water can be made tivated crops, such as corn, beans, strong point he would swing him- available by stirring the surface. But in crops in which surface cultivation is impracticable the The timber would be commer-"Now," thought I, "he is going subsoil water will be of little use. When it rises to the neighand saw that she was expecting completely closed by long, washing rains that the air is partially excluded, and those busy assistwhich are so lively in their oper-

Therefore, it would not be at this Grange prepare a supper for ber, before the rains had ceased its members and invited guests three weeks, complaints were heard that the surface of the hard that it was almost impossiput in.

No way can be suggested to prevent such a condition of things so far as pastures, hay stubbles "It is a pretty time now." con- and grain stubbles are concerned, tinued Mrs. Moore, "for the suc- but row crops can be made to do their best by thorough cultivation, and then if the pastures dry At this juncture Mrs. Bowers up there may be a large growth

Townsmen, who know but little selves facetious over the croak-The yeas and nays were called ing disposition of farmers. They plaining about the weather. One day it is too cold, another too hot. Complaints of too much "I move you, Worthy Master, rain have hardly ceased before pitious weather for the produc-This peculiar turn of affairs tion of good crops. One extreme had been brought about so sud- generally follows another and the richness of the joke. But as great deal towards mitigating the to applaud, and the next few they have not yet succeeded in

#### The Chestnut.

Nut culture is assuming more Wilson to urge him on, saw that importance as an industry in this they were badly beaten at their country than formerly; in fact own game. All eyes were cen- until recently it has scarcely been the treatment of diseases. It consists in the coltered on them. Short remarks attempted. Among the native of Europe and America, and bringing them within would be made by various mem- nuts there are perhaps none of the reach of all. For instance the treatment purbers which served only as an oc- more importance than the chest- sued by special physicians who treat indigestion casion for renewed applause. nut. It grows naturally over a large portion of the United they would be excused from paythey would be excused from pay- States, beginning with Kentucky so on, till these incomparable cures now include ing the fine if they brought their and Ohio, reaching northeast to disease of the lungs, kidneys, female weakness, the boundary and eastward to rheumatism and nervous debility. Mrs. Bowers endeavored to the Atlantic ocean. The wild nut This new method of "one remedy for one dismaintain the dignity of her posiis exceedingly rich in flavor and
sufferers, many of whom have experienced the tion, but a stray smile would occasionally flit across her face in is superior to the European or the claims of Patent Medicines which are guarspite of her efforts to suppress it. Asiatic strains. Moreover, our Mr. Wilson was not to be brownative chestnut seems to thrive beaten in that way. Rising to much better than the foreign these new remedies is sent free on receipt of varieties, bat in the size of nuts stamp to a sy postage . Hospital Rene dy Compathe latter have the advantage. A number of varieties of our American species, Castanea vesca, have been brought to notice, and are now propagated by grafting and budding, showing signs of a decided improvement as compared with the ordinary kinds found in the forests.

There are in Pennsylvania, Maryland, Virginia, Ohio, Ken-(except in Northern New York and a part of the New England States, where the climate is not more decidedly than if the spring yielding small returns which that many old worn-out fields, which are practically worthless in their present condition, might be thus turned to good account. cially valuable, but the nuts would bring much larger returns to the owner. Once started and cultivated for a few years, until they begin to shade the ground, the trees would require very little further attention, except to thin them out. As an article of food the chestnut is very valuable, but at present the prices are very high. Even the common nuts from ungrafted trees would repay the use of the land, but it would be much better to plant only grafted trees of the choicer varieties. - Western Rural.

> In 1814, when the Thames, at over a little volume entitled, "Frostina; or, a History of the London: Printed on the ice in the River Thames, 1814."

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Many of our friends were, last season, afraid to risk buying or using what was to them an unknown article, and for their benefit we will gladly mail, on application, circular containing a few of the many testimonials sent and entirely without solicitation on our part. These we value more particularly from the fact of their being the result of actual experience with our twine on the field.

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#### Political Status of the Grange.

Grange Homes recently publish ed the following from the pen of the State Grange Lecturer of Maine. Would it not be well for Patrons everywhere to read and act upon its suggestions?

ATTEND THE CAUCUSES AND CONVENTIONS.

While the order of Patrons of Husbandry is a non-political organization, yet its pledges cover and require faithfulness to one's own individual interests. This can only mean that, in their sevadvance the true interests of agloyalty to one's own convictions and interests. It antagonizes no political affiliation, but emphalabor to secure the benefits possible. No organization can do more unless it is founded with the Grange says, work within your those who recognize and will foster agricultural interests. Support candidates whom you can trust. Do all this while you stand true to your political preferences and principles, for then no matter which party wins, the end desired will be secured, and this is what we are laboring for. All that is necessary is that farmers make their power felt in the primaries, that they attend the caucuses and work for men to represent their interests.

These conventions and caucuses, then, should be the camping ground of the Patrons of Maine. He who neglects to attend these has no one to blame but himself if the results are not satisfactory. If we are to build up a farmers' party upon a farmers' platform, then there is need of an organization pledged to that special work, and it will be necessary that men break entirely with old associates and organize under a new banner and new leaders, but this is not the mission of the Grange. Its sphere of action its members is to arouse to loyalty to their own interests and faithful labor in their own party organizations. man can be just as true a Patron in one party as in another.

There never was a time when there was such an earnest demand for consecrated effort as to-day, and the worth of the order in helping to this is everywhere recognized. Permanent results will depend upon faithfulness to the obligations taken. The next few months should be fruitful to the Patrons of Maine, and will be if each one will act within his own party in harmony with the declaration of purposes of the order.

Seed Wheat.

send every number of the paper term of years. Avoid frequent be the result: for the time paid for, then strike changes, induced by the promisout the name if not renewed. ing yield of some new kind. Ex- grasses have been sown and are Renewals made promptly are a periment in a small way to prove growing by themselves in these matter of much convenience, and the claims of a variety. A sandy plats to test their value under distance we ran at the rate of 70 we respectfully solicit such, that loam is best fitted for some of civilized culture. A great many miles an hour, a higher speed Advise this office at once of a clay soils give better yields for tried, especially those that prove road. At Cheboygan more brass filled.

#### Grasses at the Ag'l College.

gene Davenport, (since Professor being tested for their value as a Detour. The scenery is con tion. Under the stress of the on which to test a large number ing. most urgent motives, it urges of both native and foreign grassone thought of uniting farmers soil, well overlaid with meadow learn that in some parts of Eulment is expending \$2,000,000 in of water power. for special political action out mold, making a very suitable rope it is grown as a pasture deepening and making it navigaside present party lines. The place for the experiments. At grass and to turn under as a fer- ble, thus shortening the distance come a large mining town. It is the small end of the triangle, a tilizer. Ribbon grass, that we, from the Soo to Detour about 13 pleasantly located, has a set of success of what you think right third of an acre was prepared as a boy, frequently attempted miles. The locks are of cut enterprising citizens, and the pay and just. Labor as republicans and sown to a mixture of eighty- to match, without success, was stone, 515 feet long by 80 feet in roll of the several mines is \$35,and democrats to place in nom- five kinds of grasses, to test them here growing beside its own bro- breadth and 16 feet deep. New 000 per week, a sum that of itination, and then to elect only in a scramble for first place and ther from our marshes, clad in a locks are being built by the gov- self must furnish the support of Timothy, like Ben-Adhem's name, a statelier stem. The stripes, we long by 100 feet in width, pass-treated very handsomely by the and mammoth clover following and domestication. as second and third in the above grass was more plenty; alsike gaps; tall oat-grass, meadow fesmedium clover.

> solved was, whether permanent culiarities and character. pasture or meadow was preferable to plowing, cropping and reseeding. A piece of the ground is therefore left in its original put him into store clothes and set feet, with Lake Superior, concondition as meadow in three dif-him down at a railroad depot with ferent places - the poorest, the a grip in his hand, and he may, the ground had been cultivated for an editor. He must get into each inhabitant, and for four or and re-seeded. The plats were the swim with the fraternity and five months in summer it feels julaid off in squares of 30 feet each, be labeled with its badge before bilant and exultant. What it and a square rod of fully grown he is recognized. There is no does or says the remainder of the grass, cut from the center of distinctive mark or brand that time, since the boom bubble is each of the several varieties, is separates him from the crowd. pricked, nobody knows. The meadow. Other plats are fre- Two hundred and twenty-five of immense iron bridge just at the read with interest.

quently mowed to represent pas- these specimens of conglomerat- head of the rapids. By the way, It is always profitable for farm- turing off, and compared with ed humanity started from Sagin- shooting the rapids in an Indian ers to make inquiries of threshers the permanent pasture, both by aw on the morning of July 19th, canoe directed by an Indian is as to the variety of wheat giving weight, to determine the amount over the Michigan Central for the fad for strangers at the Soo. the best yields on soils of like of grass produced by the differcharacter with his own. A sin- ent methods. As will be surgle instance of a heavy yield is mised by experienced farmers, not a sure guaranty that a repe- newly seeded grass has the aptition will follow in the harvest pearance of furnishing at least of next year. A single season may three times the bulk and weight every appearance of there being river water on our person, which be especially favorable for a given of hay that the permanent meadvariety, and gain for it a reputa- ow will afford. The bulletin soon tion which it fails to sustain and to be issued by Dr. Beale will or registered letter. If you re- other year. The safest variety give these comparisons, and we ceive copies of the paper beyond for the main crop is one that will not attempt to anticipate it, your time of subscription, it is trial has proved to be suited to but give our readers what apour loss, not yours. We aim to certain soils and locations for a pearances seem to indicate will the experience of the day.

Very many of the wild marsh the white wheats, while heavy foreign grasses are also being than is pleasant over a winding the red varieties. Sow only clean valuable on their native soil, but bands and all the rigs of the seed, and not more than five no very promising variety has town out to show us the magnifipecks per acre on well-prepared yet been discovered that will take cent prospects for its future as a soil, and less if the fertility is the place of and gain favor for center of trade and commerce. somewhat reduced. Thick seed- qualities superior to our common Here we staid over night, asing on thin soil makes short kinds. Several varieties of the signed to free hotels, and were straw and small heads, with little chess family, which are sown for treated to a musical banquet in wheat in them. Thinner seeding hay in Russia and other countries the evening. Here one gets a will give good length of straw, tries, are here no better than our sniff of northern Michigan ozone with heads of good size and well poor plant with the transmutable which comes free to editors reputation.

Some effort is here being made season. to improve grasses by selection;

One frequently sees a grass on "the survival of the fittest." prosier dress of green and with ernment which will be 1000 feet a vast deal of trade. We were

seen a stalk of alfalfa; orchard college of Connecticut growing our familiar white clover, and showed where a chance was giv- June grass, and red top. Other en for elbow room—it seemed to sods of blue grass from Kentucky, serve the purpose of filling up the here losing its distinctive charac ter to become only June grasscue, June grass, foul meadow nothing more. Timothy grass and red top had about an equal from Russia is just plain plebian share in the occupancy of the timothy here, and so many of ground. The seeds might not these foreigners, with some have had equal opportunities, or claims to distinction at home, more of some might have ger- lose their titles when planted beminated than of others, but the side our native grasses for comking for this kind of soil is tim- parison. Many of these varieties othy, and his prime minister is are "just grass" to the majority of farmers. who would be greatly Another question sought to be benefitted by a study of their pe-

#### On the Road.

Take the overalls off a farmer.

of the straits of Mackinaw.

such generosity. That it exists at Grayling none doubted after

At Gaylord, Otsego county, the highest point in the state, we began the descent of 800 feet tolike all other delicacies of the

There are two well known It is said that grass is the basis and the seeds of superior samples river routes noted for a day's ride world. This compressed air is of agriculture, which, if not whole are saved and sown by them over them—the Hudson and the carried in an iron pipe four miles ly true, it is one of the pillars selves, to see if the qualities St. Lawrence; but there are really long and 24 inches in diameter upon which the foundation of ag- which mark them as finer than three of equal merit when the inside. At every 500 feet is an to place in nomination and secure riculture rests. Having faith in their kin can be transmitted and St. Mary's is added from Chethe election of those who will the axioms above stated. Prof. become permanent. Some of the boygan to the Soo, touching at maintain the level of the tube, faithfully and earnestly labor to Beal and his then assistant, Eu- Tom Thumb kinds of grass are St. Ignace, Mackinac Island and which would be pushed out of and this order can do as much as of Agriculture), laid out  $5\frac{1}{2}$  acres lawn grass; a dwarf kind of red stantly changing and changing. any organization in this directof land near the college buildings top from Russia is very promistant as it becomes better known of cold. These joints cost \$600

> day's business was on May 26, The average time spent by ves-

Wheat, 19,459,796 bushels; flour, Iron Mountain's prospects. 2,592,735 barrels; other grains, 2,732,698 bushels. An average of 60 boats pass the locks every 24 hours. Frequently there are three boats in the locks at one time, and not a moment passes but that some are in sight or locking through. The length of the proposed water power canal is  $3\frac{1}{2}$  miles; head of water 18 taining 32,000 square miles, for a weighed and compared with a Look a lot of them over and pick Northern Pacific railroad crosses

Cheboygan, on the Michigan side "Poor Lo" reckons on it considerably during the season, and fills At Grayling the citizens called his pipe and feeds his family on us off the train with a brass the 75 cents per head duty which band and fed the multitude, with he levies. We got a few drops of many basketfuls left. Perhaps was all the trace of imminent the Experimental farm, located danger we experienced, but out there, has stimulated production of this we might build a tragic to a degree that will warrant tale of peril as others have done.

The agent of the N. P. R. R. here met us with four Pullman sleepers, which we filled on the evening of the 21st and started for Iron Mountain, a comparatively new mining town on the ward the straits. For half the Menominee river. Our idea that iron ore was located among barren, rocky ranges of hills was wrong. Here are no surface indications such as we supposed. The hills are wooded or covered with verdure, but no attempts are being made to develop the agricultural resources. They all seem satisfied with the possibilities under, rather than above ground. Here are located the Chapin, the Ludington and the Hamilton mines, said to be the largest in the world. Three miles out from the city, at Menominee Falls, is the largest plant for compressing air, in the expansion joint that slips to place by the expansion of heat if pulled apart by the contraction will be thronged with travelers. each. The whole plant cost over The Soo was reached at 7 p. m., half a million of dollars, and supes, to determine by experiment his farm that seems to be a sort and a crowd of citizens thronged plies compressed air for running their comparative values and to of tramp - an astray; but here the wharf. Here is enough of the drills and engines in the sizes such, urging only that the consider some other economic stands thirty feet square of it on interest to fill a page of the VIS- mines. There are eight immense members act as they preach, and questions in connection with trial, with a biographer at hand ITOR. The locks, the rapids, the compressing cylinders, whose in their own party organizations them. The plat is a triangular who can give its name and lin- water power, the Canada canal motive power is furnished by shaped piece of ground, called eage. Here was a square of yar- in process of construction, Hay four turbine wheels 72 inches in "the delta," of rather heavy clay row, and we were surprised to Lake channel, where our govern- diameter under a head of 55 feet

Iron Mountain is bound to be-"led all the rest," with medium learned, had come by cultivation ing vessels with a draught of 20 citizens of Iron Mountain—driven feet, 6 inches. During the month to and from the mines to the falls, Here were sods from the lawn of June, 1890, 1,413,000 tons of provided for at the hotels and enorder. Here and there would be of the grounds of the agricultural freight were carried through the tertained at a banquet in the locks, being the largest monthly evening. For a person with an record yet made. The heaviest inquiring mind, with a Yankee proclivity for asking questions, when 74,686 tons passed through. Iron Mountain is a good place to gain information. Geologists, sels passing the locks in 35 min-chemists and mining engineers are run against without looking During the year ending June or advertising for, and they are 30th, last, the agricultural pro- crammed full of iron lore and ducts passing the Soo have been: can say something incidentally of

Our train pulled out for St. Paul at 9:30 p. m., at which place our next letter will begin.

#### Farmers' Four Days Outing.

The Grange picnic at Benton Harbor, occurring the last week in August, promises to be a notable affair. The managers say they "expect to do everybody good," and have procured as speakers for the occasion Brothmill pond. The Soo is a place of ers Luce, Brigham, Mayo, Woodaverage and the best—to com- nowadays, easily be taken for a great possibilities, mostly in the man and others. They invite pare with adjoining plats where con.mercial traveler, but never future. It has acres of ozone to everybody to "come with blankets and four days' rations."

In connection with the suggestion that the Chinese government may retaliate against the United States by excluding Americans from China, the Hon. John Russell Young's article in the Augsquare rod of the permanent out your ideal editor if you can. the St. Mary's river here over an ust North American Review will be

#### Communications.

#### Midsummer.

The roadside grasses with the dust are gray; The air above them quivers with the heat; The bright, oppressive glare of day Is felt where'er the golden sunbeams beat.

The dusky millwheel's labored sound is dead; While, shrinking in its reedy bed, the stream Has dwindled to a silver thread; Its murmuring voice is heard as in a dream

A single line, which here is dusky bright, Across the ancient rotting dam it s.ips And sparkling breaks, a jeweled light Upon the edge where now a wild rose dips.

The shadow from the empty, idle mill, Upon the wet weeds far below lies cool; And all unbroken, black and still, Doth stretch above the shallow, stagnant pool,

A vine of vellow blossoms, in a net Hath caught the crumbling wheel of mos-While in and out, all rank and wet,

The burdock's dark, broad leaves do push b Full low and brooding seems the hot, still sky;

The air is heavy laden with perfume; On flutt'ring wings a dragon fly Through glaring sunlight seeks the slumbrou

#### The Farmer's Boy.

Written for and read at the meeting of Traverse District Grange No. 17, June 11th-12th, and sen to the Grange Vts1TOR for publication by re-quest of the Grange, by Mrs. E. M. Voorhees.

I always like to see a boy contented on the farm. It is a sign good thing to have something that his father cares more for his cheerful to think about, you children than he does for his know; then he won't be wishing horse or ox, which he feels he for the old man to die so he can must work to pay for their keep-

they are not satisfied until they are the gudgeons that the sharpdo a full day's work-not one day, ers are fishing for, and they get but every day. Not any wages, them, too. I have known more no, sir; though they strain their than one fine homestead squanyoung muscles to the breaking dered by the boy who inherited down point to keep up with the hired cradlers in the harvest thing about earning money or

his father and his hired hands.

praise your boys? How often do bargains; how to be independent, you make promises that are never and will feel as though he was fulfilled? It is so hard to hand somebody, and not a mere begover the dollars that you can garly slave. keep yourself. It is so easy to sell the fat steer the boy call his, and pocket the money!

trained him; I drove him; I was and do all manner of wicked proud of him. Somebody offered things." I don't believe it; boys him a big price and he sold him, on the farm usually have to work brow. but I did not get a cent." Oh, how discouraging a life on the out of mischief, especially if they

who could so wrong and deceive is hard. his child, and all for a little money? Can he love the good children, mothers, do be compaold farm when virtually a slave ny for your boys. Do take the

boy is awkward. If he goes into them; go with them to interestcompany at all. ten to one that ing places; read with them interhis clothes are shabby and ill-esting books, and talk to them fitting. He has no schooling about what you read. Believe the Hall where a programme had worth a cent. ing would make him discontented spent. Study their tastes and some of the older ones doing and spoil him for a farmer. It gratify. if you can, their inno-themselves credit in their recitareally seems to be the custom cent wishes. Ask company to with some old farmers to send meet them at your homes - such the poorest, palest, slenderest companions as you know to be boy they have to college and good for them to associate with.

make of him a lawyer, a doctor, If you make their home pleasant or, best of all, a minister. I and agreeable, do you think these fitable and pleasant, after friendly never knew one of them boys to boys will want to go to sea or be leave school and settle down to cowboys? farm it for a living, unless he had to.

shows a hankering after any par- enough to keep it in running orticular line of business, he cannot der; but there is where home is, be allowed to educate or train and that is, for you, the safest himself for that calling. I mean, place in the world, and your moof course, any honest calling or ther is by all odds your truest trade short of going to sea or friend and safest confident. keeping a saloon.

good, kind and loving farmers if now a very paying business. It they would do the fair thing by is dull; but don't get stupid, if and when the public mind is fully hemp twine at nine cents their children; encouraging them you can help it. Do try to excel to stay at home, and help them if you raise nothing but potatoes. people to-day, and all help as generally agree that the hemp is when they are growing by paying Come to the Grange and tell us them small sums regularly for all about it. That is an educatheir work. Be these sums never tion in itself. so small, there will be bred in these children a spirit of inde- age your boys to join the Grange. pendence and of love for the parent and for the home.

I ask you, fathers and mothers, him. Why, you are so glad to of making each one's education Let the native nobility of characgive a neighbor's boy eight, ten especially adapted to his or her ter outweigh a record as politior twenty dollars a month, ac- natural ability, and following cian or millionaire. cording to age, and he don't work the course in which they will Mrs. E. L. O., Correspondany harder than your boy does. best succeed. We know it is ent, Moline Grange No. 248.

No, sir; and the hired boy spends often the case that the young man The Twine Trust-Its Last Desperdeath he was engaged upon the his money as he pleases, with no who starts out in life fully deterhe is twenty-one, but why not may be naturally fitted for some deal of Montgomery Ward & Co., to California," and was not only give him a little along to encour- other business, which may have I called at their place of business to deal with the several explor-

age him? Now, speaking from a purely business point of view, wouldn't money given him at certain intervals, with the express undera good business course for your he spent it. He wouldn't be easily fooled, either, after doing his would be more saving of his money as wages than as a donayour boy to invest his surplus cash in some way that will increase his little store year by year, which he will think of with pride and pleasure while trudgget hold of some property of his own. He will know better how Many farmers make slaves of to take care of it when he does their sons. By "slaves" I mean get it. These "greenhorn heirs" it, because he didn't know any Many a boy has been ruined it. If a boy earns what he gets for life trying to "keep up" with he will be more careful how he spends it. He will acquire habits Fathers, how often do you of calculation—how to make good

"Oh!" I hear somebody say, "give the boys pay for their work, and ten to one they will go Father gave me that colt. I to the bad—gamble and drink fully preparing us for that strughard, which helps to keep them farm to the boy who could say are taught by their parents to restrain their lower instincts and Can he love or respect a father that the way of the transgressor

So, do be company for your time from your work to talk to It is no wonder this farmer's them and play and visit with Too much learn- me, mothers, this time is well been arranged, the children and

To the boys I would say: There is not much made on the farm It is a pity that when a child now-a-days — sometimes hardly

Boys, don't ask too much. As

Brothers and sisters, encour-

ED. VISITOR:

In the VISITOR of May 15 I

one to say him nay, and your boy mined to be a farmer or a smith, cause him to drop the old and viewed Mr. Ward. follow the new, requiring an enstanding that, as he earned that the greatest amount of practical and this year determined to waymoney, it is unqualifiedly his, to information relating to the differspend for clothing or other needs ent branches of science and inas he wishes to, with nobody to dustry—beginning with the more circulars by thousands, offering discussed by General and Mrs. boy? By working hard for his would not drop algebra or geom- cents, and refund to all patrons script, for which she has already money, he would be careful how etry from the education of the who had bought of them at a written an introduction, as well own purchasing a few times. He foundation for solid reasoning, and ten cents. which makes the solid man. But tion. You could easily encourage then comes before us another specimen of defensive lying enmy life work on the farm or in are here given: ing along after the plow. It is a the factory. If I am to be a lawver, doctor, minister, astronomer, language which not more than 15 cents here. Yours resp'y, one in ten or twenty of our young men and women will ever have occasion to use, at least sufficienttaking care of it after he did earn nothing of Latin and the dead

languages. of all foreign and dead languages from the regular course of study, leaving them to specialists, thereby giving more time to the study of the country in which we live, thereby placing our reasoning faculties at their best and more gle which is for all who earn their bread by the sweat of their

H. L. CHAPMAN, White Pigeon, Mich.

FREMONT, Newaygo Co., July 17th.

Ed. Visitor: Saturday June 14th, Fremont Grange, No. 494, had previously arranged to have a picnic dinner in the grove for the children. but the weather being unfavorable were obliged to assemble at the nearly one hundred children, after which they assembled in & Co's. tions. Brother and Sister Dan Mallery enlivened the occasion by their music both vocal and instrumental, all did their part to render the occasion both progreetings we parted to meet one year hence. BELLE WHITE.

MOLINE, Mich., July 22.

ED. VISITOR: ing a vacation, and hopes after expected, but the many complithe six weeks' adjournment to mentary letters received, indimeet, with renewed vigor. to dis- cates that the management was cuss ways and means to help, admirable when time and volume though in a small way, the great of business is taken into account. I believe there would be more I said before, farming is not just uprising for the laboring classes. The firm is still shipping to the Surely something must be done, north-west large quantities of one man, shoulder to shoulder, giving satisfaction. As flax and to better the farmer, then will be hemp are readily produced in

hope much benefited by reading field of agricultural productions the resolutions from different if it proves satisfactory, as I Granges, and noticing the earnestness and persistence that have the burning at Minneapolis. estness and persistence that have would you be happy if in so de- see, under the head of "A Prac- ever been the mark of the "true on the 15th of July, of a warependent a position as are some tical Question and a Practical blue, dyed in the wool" Patrons. house containing nearly 1,000 of your children? No matter how hard or how disagreable the "Of what use are such studies as in the near future a better time to the Twine Trust, was the savwork, not a cent do they get but algebra and geometry to my son for all who toil for their daily ing event of the year's business what is grudgingly given. They who intends to farm?" Now, I bread, if (what a big word) all of the Trust, as in that fiery mar feel like paupers, and no wonder, have a word to offer. This sub- will act wisely, only use their ket Insurance Companies were for the little they do get has to ject of education is one of vast votes to put men in office who made cash customers of a stock be begged for. And all because importance, as no one will deny, have our best interests at heart, much of which would have been To the Editor. he is your boy and you raised but greater still is the question not by the depth of his purse. carried over but for the fire.

ate Resort.

such an influence upon him as to on Michigan avenue, and inter-

school that brings to each pupil from the date of its organization. promptly continued by Mrs. Frelay the trust at whatever cost.

If so I may stop here, taking up the letter of Lynch Bros., which

ROCK VALLEY, Ia., July 20. MESSRS. MONTGOMERY WARD historian or teacher, then I must & Co.—Dear Sirs: You will find take up those studies especially inclosed a clipping taken from suited to the business I am to fol- our town paper in regard to your low; and here is a point worthy twine. Now, I think it requires of consideration: In our graded an answer from you, as I think schools are taught German, it a great injustice. We re-French, etc., simple language, a ceived our twine and were never knowledge of which in no way adds to the reasoning power and price. The same would cost us LYNCH BROS.

From the Register, Rock Valley, Iowa: The report reaches us ly to make it practical, to say that Montgomery Ward & Co. have lately canvassed this part of the state for binding twine, re-I strongly favor the dropping ceiving many orders. Now, when the time comes for delivery they are not only short, but what they have sent out is a very inferior article. To make the of science and nature and to the trouble still worse, it is too late acquiring of a general knowledge to place orders with the regular dealers, and many farmers will thereby be put to much inconvenience and loss. How much longer will this sort of business continue? The Register grows weary in its ceaseless and honest endeavors to bring patrons to a realizing sense of losses they are sustaining by patronizing these "snaps." At home, where these "snaps." best known, Montgomery Ward & Co. do not pretend to do business. In their advertising they state specifically. "City trade not solicited." In Chicago, if one individual wishes to joke another about a new hat, a watch, or any other late purchase, they Hall where a feast was served to cap the climax by asking if they bought it at Montgomery Ward

This sort of lying was quite as foolish as wicked, as the books of Montgomery Ward & Co. show that more than 100 of their customers get their mail at the Rock Valley postoffice.

That ten cent offer brought a shower of orders for the halfand-half twine. Between June 15 and July 10 their sales were 125 car-loads of that brand, besides large quantities of other makes. To handle this trade, on orders from one bale to a carload, required a large force worked night and day. That some Moline Grange No. 248 is tak- mistakes were made, was to be seen much good accomplished. this country, this substitute for We were much pleased and we imported stock will enlarge the

J. T. Cobb. Schoolcraft, July 26.

Literary Note from the "Century." At the time of Gen. Fremont's press and P. O. address. Respectfully,
T. A. SLOCUM, D. D., 181 Pearl St., New York.

manuscript of a paper for The On Thursday, July 24, I was in Century's forthcoming series on knows it. I don't say that a boy should have all he earns before change his course entirely. He ins and outs of the binding twine was to be entitled "Finding Paths" ing expeditions, but to narrate the writer's intimate connection This concern, handling annu- with the events which led to the a boy, if he had a stated sum of tirely different course of training. ally large quantities of twine. conquest and occupation of the Hence a course of study in has antagonized the twine trust territory. The work will be mont. A first draft of the article had been made, and the subject Early in June the firm mailed had been so recently and closely hinder, wouldn't this in itself be common branches being we think. to sell on cash orders half sisal Fremont that she will have no the proper course to pursue. I and half manila twine for ten trouble in completing the manufarmer or day laborer, for these higher price this season, the dif- as a supplement describing her studies greatly strengthen the ference between the price paid life at Monterey in 1849. A fine portrait of General Fremont from This circular alarmed the a daguerreotype of '49 or '50 will when we have attained this much agents of the trust, and here is a appear in the September number of The Century, along with porquestion: What special course titled to the blue ribbon in any traits of Commodores Sloat and shall I pursue—am I to be a day well contested field. I was shown Stockton, "Duke" Gwin and Gov. laborer, a tradesman, a farmer? the clipping from the Register and Burnett, in an article giving account of "How California Came into the Union.

#### Church's Bug Finish.

Bug Finish is an important and valuable discovery, as it affords a way by which Paris Green, the most effective of bug poisons can be safely used. It was discovered by the inventor of Bug Finish that by grinding and uniting Paris Green into a base-like Gypsum, as is done in making Bug Finish, the Green would not effect the vines or make the potatoes watery. Every consumer of potatoes will testify to the fact that late potatoes, as a rule, are watery or soggy and quite unpalatable, as compared with the mealy potatoes we once had; it has now been proven that this is caused by the use of Paris Green in water, or by applying particles of clear Green in any way, such as simply stirring it into plaster, lime and other bases, whereby the plaster simply acts as a carrier to distribute the Green, and the small particles of Green go on the vines in a clear state; during certain stages of growth, the clear Green inters the fiber of the vine and effects the potatoes, as explained.

A very thin dust of Bug Finish on the vines or trees is sufficient to kill all of the crop of insects then existing on the vines, and it remains on the vines for many days, except where very heavy rains occur and sometimes until other crops of the insects are hatched and distroyed. Bug Finish is composed of Sulphate of Lime (Gypsum) with a little rve flour to make it stick, with one pound and six ounces of Pure Paris Green to each 100 pounds of the above mixture, the whole compound is reduced very fine and thoroughly combined by patent process, so that every grain of the whole mass is sufficiently poisonous that a small amount will kill any insect the same as though it had eaten pure paris green, hence only a very slight dust is necessary, making it cheaper than any other known preparation, unless it is Paris Green and water, and when the expense of handling and ap plying so much water is consider ed the Bug Finish is fully as cheap, and if the difference in effectiveness and QUALITY OF POTATOES is taken into account, Paris Green and water will not be considered in comparison at all.

Bug Finish is also a fertilizer, will help the growth of the vines, instead of retarding their growth, as does water and Green, especially when the water is applied in the middle of the day.

One pound of Bug Finish will prove more effective than six times the amount of plaster and Paris Green as mixed by the farmers. In addition to the saving in this way, its saves the time of mixing, is safe to handle and does not injure the potatoes. No farmer should allow a pound of clear Paris Green to be brought on his farm. ALABASTINE Co., GRAND RAPIDS, MICH.

#### Consumption Surely Cured.

Please inform your readers that I have a positive remedy for above named disease, By its timely use thousands of hopeless cases have been permanently cured. I shall be glad to send two bottles of my remedy FREE to any of your readers who have consumption, if they will send me their ex-

#### Sadies' Department.

#### August.

Now Nature sits with folded hands, As resting from the busy year, While o'er the wide and teeming lands She contemplates the goodly cheer She gives; all energizing powers Lie mute and still, and drowsy hours Move noiselessly, their jocund moods And songs foregoing; in deep woods And fields a slumb'rous silence broods Unbroken, save by beetle's drone And o'erfed bees' dull monotone Or leaves' low rustle as they make A pathway for the gliding snake. The patient cows seek shadows cool, That stretch themselves like giants prone Along the edges of the pool-And midst the waters stand knee deep, In dreamy, semi-conscious sleep. Birds sing no more, but on the hill The tender plaint of whip-poor-will, Who, telling oft her woeful tale, Lingers full late after her time. While at slow intervals the chime Of sheep bells in the distant vale Falls on the ear like tuneful rhyme, Lulling the senses, till in idle dreams, We half forget the real in the thought of that which seems.

— The American Magazine.

#### The Ideal.

I think the song that's sweetest Is the song that's never sung, That lies at the heart of the singer Too grand for mortal tongue. And sometimes in the silence Between the day and night, He fancies that its measures Bid farewell to the light.

A fairy hand from dreamland Beckons us here and there, And when we strive to clasp it It vanishes into air. And thus our fair ideal Floats away just before. And we with longing spirits Reach for it evermore

#### If We Knew.

Could we but draw back the curtains That surround each other's lives See the naked heart and spirit, Know what spur the action gives. Often we should find it better-Purer than we judge we should; We should love each other better If we only understood.

Could we judge all deeds by motives, See the good and bad within, Often we should love the sinner All the while we loathe the sin. Could we know the powers working To overthrow integrity, We should judge each other's errors With more patient charity.

If we knew the cares and trials. Knew the effort all in vain, And the bitter disappointment-Understood the loss and gain-Would the grim external roughness Seem, I wonder, just the same? Should we help where now we hinder? Should we pity where we blame:

Ah! we judge each other harshly, Knowing not life's hidden force; Knowing not the fount of action Is less turbid at its source. Seeing not amid the evil All the golden grains of good; Oh! we'd love each other better If we only understood.

#### To the Golden West and Return.

#### A REMINISCENCE.

Paper read before Antwerp and Paw Paw Farmers' Club, June 5, by Mis. H. H. Woodman.

miles through the most beautiful beautiful foliage, the fig, olive, hoped we would come again nectarine, apricot, strawberries. and almost all other fruits that mento are "made land, beautiful grow in any clime; where the ly laid out with walks and drives, roses bloom the year round amid with ornamental trees and tropical other flowering plants whose fra- plants and flowers everywhere. grance fills the air; where nectar California is a rich state, and and ambrosia intoxicates; where she has been lavish in her expenthe men are noble and generous, ditures for buildings and grounds. this side of Heaven that can com- and active, especially in accumu-

my note book, penned while grounds are numerous and lead passing around and through this through the picturesque resident charmed circle:

At the Garden of the Gods, action of the wind, representing and out, we are reminded of miles of grotesque figures of ani- Longfellow's Sandalphon: with its hundreds tons of weight That leads through the gate of the city immortal. few feet, surrounded by greater and buildings at Del Monte, ownhights of light and dark gray ed by the Southern Pacific Railgranite, interspersed with moun- road Company, near the ancient Pike's Peak, as a sentinel. No as a mirror, and where the cywonder there is a legend that press. palms and vines beautify

seen to be appreciated.

At two o'clock in the morning could reasonbly desire. we were called to see the Royal dise" as illustrated by Dore.

like so many different roads.

the Currecanti Needles stretched their pointed fingers to the sky the river running by our side.

The whole route through those spell-bound.

When the sun went down at us night, shutting from our view this vast desert, and finding in the Sacramento, where the fattest | time of starting. of cattle were grazing in emerald fields, beautiful and elegant homes everywhere, the flowers sending out sweet perfumes, the birds carroling their softest notes, and the dews of morning adding enchantment to all. I thought that Aladin's stories were not fables, for here was a reality which far exceeded his fairy tales.

We were now in California, Having traveled over 10,000 and our Patron friends of former years were at the depot to meet and picturesque portion of the us, and for the next six weeks we world; been shown what brain were "in the hands of our and muscle could do in producing friends." They showed us the from barren plains the vine which | best they had from almost every yields the finest of wines and portion of the state; fed us on raisins, the trees that hold out dainties and sweet-meats; talked temptingly the golden orange and to us in fine style, and said they

The capital grounds at Sacra I will glean a few items from ways of reaching these beautiful part of the city where wealth and luxury abound and millionaires

resting upon its base of only a Then, on to the beautiful grounds

Gorge, and as we stood upon the on the road we were stopped at how there is never any "strap- way as to conceal the stitches. flecks of clouds, looking up these heard of this place, and had been spoken by the two hundred hu- laundry, a closed saloon and the are not in the way-why? Beno one who enjoyed it could ever | selves as comfortable as possible, forget, and which reminded me for the Pass could not be cleared floods came and washed away other words is a comfortable At daylight we came to Mar- the bridges on every side, the shall Pass, where the ingenuity mud was so deep that the horse of man has laid a track for the cars could not be run to the city, cars to run over, among the moun- the Pass was filling in deeper and tain peaks which could neither be deeper and the men from the the summit is reached, which is been engaged to shovel the gravel known as "The Great Divide," out had struck. It was dark over- make much difflerence to the sult of carelessness. and "where the East gives greet- head and all about us, but we did clerk of the weather whether he ing to the West," then we creep not let the situation hold us long down among the peaks, which in gloomy thought. We were sit down and want you to "keep the work for mending. If the are so close together that the head-comfortable in a Pullman car, still" or wonder "what on earth garment needs relining it is often light of our engine is often seen, with good company and plenty to and the numerous tracks seem eat. On the fourth day the rain for." He doesn't sit down and in which case it should be ripped On we speed, the ever-varying had been adjusted, the landscape one on you, wonder what you be brushed off and the garment scene constantly appearing and was beautiful, the city fine, and are going to do next. He doesn't cleaned. There are many ways disappearing. From a great the whole aspect was changed. take up all the room in the kitch- of cleaning materials that cannot hight, over the rough, rugged But no mail or telegraphic comside of the mountain, came rip- munication with the outer world. pling down the small silvery We were as completely shut in as stream of Chippeta Falls. Then was Robinson Crusoe on his lonely island. On the seventh day the cars moved with passengers out of your way. He goes "a-—all the time the clear waters of and mails, and we got out by mending" and you don't know he walking about a mile through is in the house so far as annoythe the mud and over mounds of ance to you is concerned. Or he mountains is but an unbroken earth and rock. But the sky was succession of magnificence and clear, and we worked our way grandeur - ever changing, but slowly through the mountains, holding the enraptured beholder arriving at Barstow before dark. At this point we changed cars But the scene changes, and a and rode over barren plains, long stretch of arid plains must where there could be no washbe passed before we reach the outs and where there were no almost fabled land of California. mountains of sand to fall in upon fortable fellow.

Osage City, Burlingame and To- they not be? Don't uncomfortathe morning as we looked from the peka. Kansas, arriving home just ble people make children uncomcar windows, the fertile valley of nine weeks and one day from the

> The land of gold; the golden west, The place were everything's the best-The skies are clear, the waters blue, And flowers are of every hue

The fruits are temptingly held out From tree, and vine, and all about; The mountains high, the valleys green-No fairer land was ever seen

The sunsets here are red and gold, And when at evening they unfold Their brilliant hues, the welkin bright Holds us in wonder and delight.

The beautiful attracts us me The shells and pebbles are so rare Methinks the Peris must dwell there The rainbow tints are mixed so fine,

Then all along the placid shore

They surely came from hands Divine No painter's brush can ever trace The colors seen at every place.

This is no legend I have told About this far-famed land of gold. This favored land is truly blest-This Eldorado of the West.

#### Comfortable People.

few or scarce among us? What self. There are lots of good are comfortable people? If I times and fun in the world, a questioned what are uncomforta- great deal more than would balble people everybody would have ance the misery, and though you the ladies beautiful and refined—
all striving to impress upon the stranger that there is nothing.

We spent two weeks in San Francisco, where the Celestials have a of a kind we are looking for—
good to think about, Think of stranger that there is nothing foothold. They are numerous do you know them? Why are somebody whose troubles are inthey so few? Said a friend one finitely worse than yours and pare with this country and clilating all the money they can get day: "My grandmother was such you have no idea how much mate, and that the good Lord hold of to take back to their na- a comfortable soul! You loved more fortunate you will think to be where she was. We child- you are. Just in proportion to made this place for His people to behold the Garden of Eden and have a foretaste of Paradise.

Indicate the Garden of the composition to be where she was. We child you are. Just in proportion to be where she was. 'quarter' in any disaster. And and if each and all would enthe fun of it was, if two of us deavor to be comfortable, we quarreled, we always brought up should all of us be a great deal together at grandmother's door. happier.-E. S. Titus. She never seemed to have an near Manitou, the eye is attract- hold sway. As we reach the Cliff ache or pain, never asked for ed by the wonderful formations House and stand upon the hights your sympathy because she was of red sandstone, caused by the at the Golden Gate, looking in old, and yet we always gave it, ant in the instruction of the childtain sage, scrub pines and live adobe city of Monterey. where old lady, and we missed her sad- patches; not in a haphazard

woman.

you do so much trotting about desirable to make it over entirely. so much for." Not he. He is a comes in with a joke or something new for you to think about. some big job you've been thinking about for a good while. In were more rainy days than there are, because he is such a com-

How many of us have comfort-We stopped by invitation at able children? Yet why should fortable? "Mamma," says my boy, "Somehow that woman old her dress it is mended so makes me feel uncomfortable when she's here; she seems so snappy all the time. I want to say just what she says just to see if it won't hurt something or somebody. I want to pull the cat's tail or kick the dog." So do you not think her own children want to kick something, too?

Good people, cultivate comfort, the comfort that has time to live, to be happy, to be cheerful, to make people wish to be where eternally fretting and fuming about what you can't help. If you can help things, why don't you; but if you cannot, why be uncomfortable about them? it your duty to borrow trouble, to magnify every ache or pain by talking about it? Stop a moment and read a thought or two of somebody's from a paper and Do you know any? Are they so get a thought outside of your

#### The Art of Mending.

There is nothing more import and were always bringing bits of ren of the household than systecomfort to her. She used to say: matic lessons in mending. As 'My day is past, dearie; I'm not soon as a little girl is able to of much account now.' But she handle a needle she should be always said it with such a cheer- taught to darn her stockings and ful smile, as though it were all a sew on shoe buttons. As soon as happiness just the same to be she has mastered these arts, she with us. She was a comfortable should be taught how to lay oak, while high above all towers the Pacific in the bay, is as bright ly for many a long day."

There is a comfortable mother matching the pattern of the we wot of, where the children goods and laying the patch the this sylvan retreat was held the grounds everywhere. And come in from school with a jolly proper way of the cloth. A patch, sacred by the red man, and that farther south to Los Angeles (the little laugh as she opens wide put on properly and pressed after he came here to worship and call angels), San Diego, and the Cor- the door in welcome. There is it is put on, can hardly be recogupon the Great Father—believ-onado Hotel, situated on a small something about her that comes nized as a patch. The darning

ing that if He could create such island near the shore, then Pas- down to the little ones and is in of cloth is an art by itself which a place He could grant any re- sadena (gate to Eden) and Glen- sympathy with them always. even expert seamstresses do not quest they might ask. It is truly dora, where we bade adieu to our There is a cake (not over rich) always understand. The edges a mythical place and must be California friends, having receiv- on the shelf, just to save butter of the rent should be brought toed at their hands all that mortals and crumbs, when school is out, gether, and the needle run that they may divide and digest through the cloth between the Before we had been two hours after their own fashion. Some- inside and the outside in such a rocks by the side of the steaming San Barnardino station, near the ping." It's-"Johnny, mamma When the darn is dampened and engine, with the moon trying to city, on account of a land-slide in said not to, and you know how bressed it becomes almost invisi-shine down upon us through the Cajon Pass. We had often good she is to us." Or it is—ble, and can only be found after 'I'm going in to ask mamma. the closest inspection. It will massive walls that point heaven- told it was the most beautiful She'll have time to help me." be a long time before a little girl ward twenty-seven hundred feet, country in all the west. We gazed then down into the heaving, out of the car window, through in and help mamma." Longing but she should be encouraged in surging waters of the Arkansas the pouring rain, upon a few an- to be with somebody who loves every way to try. Lessons in river rolling beneath—not a word cient adobe houses, a Chinese them; longing to be where they mending should be given as a stimulus to economy as well as man beings, looking up and down, Santa Fe eating house and depot. cause mamma isn't nervous; good needlework. A girl who has down and up-made a scene that We were soon told to make our-hasn't got a headache; doesn't been properly brought up, and think children such a bother; is compelled to do her own mendisn't running the sewing machine ing, will be more careful of her of Dante's "Purgatory and Para- until it stopped raining. But the and can't be hindered; or in clothes than the one who is at no pains to mend rents. For this reason, even if it is considerable 'Here comes 'our John." Oh, more trouble to oversee mending he is just the best fellow in the than to do it yourself, the child world. If it rains to-day he should do it, not only for the sake doesn't growl, but guesses it will of the instruction, but in order tunneled or bridged; and when surrounding country who had be clear to-morrow, and in any that she may suffer from her case he doesn't believe it will carelessness if the rent is the re-

> An important part of all mend is pleased or not. He doesn't ing is the ripping and preparing ceased, the trouble with the men with one eye on the paper and thoroughly. The thread should en with his long legs and his be washed. Delicate silk ribbons boots, and wonder "what you and other silk may be sponged want to putter around the stove with a little alcohol diluted with water. Stains caused by acids "comfortable" fellow and keeps may usually be taken out by a weak solution of ammonia and water. Woollen goods, that are too much faded to be made over, may often be dyed and combined with a little new silk and may give as much wear as it did be-Maybe he gives you a "lift" on fore. There is always special satisfaction in making over a dress that had seemed to be past fact he makes you wish there its usefulness and in finding it able to serve again and, perhaps, look better than it did when it was new. The secret of the proverbially economical and well-dressed Frenchwoman's success lies not only in her taste, but in her ingenuity in making over and repairing her clothes. However neatly that it never appears shabby. The most careful and economical women are usually the best dressed, because they are sure to take care of their clothes, while women who spend money lavishly on their attire are often slovenly to the end.—New York

#### Hints to Housekeepers.

When ironing, if a starchy deposit attaches itself to the iron. you are, because you are not it may readily be removed by sprinkling a small handful of salt on a piece of old carpet or thick cloth, and passing the hot iron over it several times.

Wash oilcloths in warm borax water and wipe with a soft flannel wrung out of skimmed milk. Ink stains may be removed by

weak oxalic acid. When whitewashing your cellar add an ounce of carbolic acid to each gallon of wash before using

Laces are sometimes whitened by putting them in a bowl of soapy water and setting it in the sun. Point lace can be tacked on a suitable cloth, keeping all the points stretched. Then, with a fine brush and a lather of castile soap, it can be rubbed gently. Treat each side in the same way. Then rinse in clean water, in which a very little alum has been dissolved to take off the suds. with a little starch water go over it on the wrong side, and then iron it. When dry, it must be opened and set in order with a bodkin. If the lace is not very dirty, it can be rubbed with fine bread crumbs.

Grease spots may be removed from carpets by first covering with powdered chalk, then passing over them a hot iron - the spot and chalk first being covered with soft brown paper.

When'er we cross a river at a ford, If we would pass in safety, we must keep Our eyes fixed steadfast on the shore beyond, For if we cast them on the flowing stream, The head swims with it; so if we would cross The running flood of things here in the world, Our souls must not look down, but fix their sight On the firm land beyond. -Longfellow.

How true it is no spoken words can give Form to the best of thoughts which in us live! -Samuel Burnham.

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Contrast of Cellars.

While on a trip through the joy a play as we only enjoy our country by carriage, the houses first one. The annual fair is not odorous bark, and your bed of of five good farmers, all stran- merely the greatest holiday of pungent boughs. gers, were called at, that I might agricultural Northern people, made under murmuring trees and see the construction of their cel- since they are Northern, and within a few yards of the lazily lars. Four of these were in de- partly sprung from Anglo-Saxon moving water, whose motions plorable condition; barrels, boxes stock, with courses of deliberate caress rather than chafe the shore. and boards rested on the ground, Dutch and passionate streaks of Stretched your full length on the under sides so mouldy and Irish, it must be more, and is an such a couch, spread in such a musty that the peculiar scent of educator. The farmer and his place, the process of falling rotting wood could be detected family get ideas at the fair. It is asleep becomes an experience. the moment the cellar was en- the great world condensed, and You lie and watch yourself to tered. Decaying potatoes were quickens all their streams of observe the gradual departure of in bins or barrels: vinegar and thought. And no little commu-your senses. Little by little you cider barrels emitted a sour smell, nity is so quick to seize upon and fell yourself passing away. and bits of damp, filthy litter lay make use of good news suggest- Slowly and easily as an ebbing short of a cleaning. In one case large leisure of their evenings the line of feeling. At last a a corner, and on lifting the cover current literature the dominant you are passing over the very the scent was unendurable. This thought of the times, until their verge of consciousness. You are receptacle might have been kept fund of information astonishes aware that you are about to fall houses lead to the kitchen, and they think. The farmer's family the night wind; your ears drowsily to walk on are laid on blocks of knowledge. They also try things falls as it passes as mechanically wood, to decay and make a bad and prove facts before accepting out, and then—you are asleep. matter worse. Such cellars, used them. Continually are cities rethe mouth.

constructed a vegetable cellar them at a county fair. under a portion of his barn. All vegetables, meats, vinegar and everything that can emit odor, the like. These are on planed agreeable part of the twentyis not well understood. This selves with chatting an hour or two mould of the underlying earth!! should only be done when the on the open porch, and then reouter air is cooler than the air in tire with a sigh of regret. What the cellar. Warm and damp air would be the harm in making at should not be admitted, lest least half a night of it? A deficmoisture gather on the walls and it of sleep could be made up the dampness on the stones of the next afternoon, and I have known The windows may be left open go to sleep in the shade of their cool nights if the weather is dry. siesta corner from noon till 3 p. mind all concerned that in its in- us a good example in that respect; he cellar is of more importance out to graze after sunset. the house.—Galen Wilson in N. Y. sense by taking long rambles in Tribune.

#### The Farmers' Fair Holiday.

Mary Hartwell says of the civilization will adopt the plan of county fair: The farmer who dividing the working day by a slips over Thanksgiving, buys liberal noon recess for siesta—in Christmas presents with reluct-summer at least; but people who ance, and secretly chafes at his are masters of their own time men for flying the working-track should utilize the advantage of so promptly on the Fourth of that privilege by heeding the July, will turn his mind to a monitions of the plain instinct county or State fair as if it were which in the sweltering aftera religious duty. He stretches noon hours of the dog-days proout the holiday through four days tests against protracted efforts of and takes his wife and children. brain or muscle, especially if the The September sun then mellows need of rest has been emphahis blood; his purse strings are sized by the lethargic influence looser than at any other time during the year. His wife, wise cause of midsummer martyrdom woman, buys furniture or new could at least be obviated by clothes during this auspicious period. The fair represents a light lunch, and taking the prinsort of harvest-home to the farmer. He sees all the products of his great and glorious State or Maker. county, and feels as if he owned them all. The chums of his lifetime are collected there, eating

the theatre in the evening to en-

#### A Custom Worth Adopting.

clear dog-day nights, and in the of a full meal. That additional limiting the mid-day repast to a cipal meal in the cool of the evening-Felix L. Oswald, in the Home-

Axles, carriage geers, twisted wire cables, the ends of boilers, watermelon or drinking cider and wagon tires and hoops for barlemonade. The festive occasion rels, are among the articles for once a year, and he loosens his employed. Bars of metal may grip on finances. What is a fel- be joined at angles, finger rings low's life worth if he can't have made, steel joined to iron in some fun at fair time? The noble tools, rods or bars lengthened or ca, a little animal about a foot spectacle of well-made horses shortened, and cast iron pieces long, or less, with a shell-like measuring speed is presented to for machinery united by the new hide, is being introduced as an his eye, as well as other creature method. The process is very article of food into this country. life brought to its highest and rapid, and so effective that chain It is found in immense numbers most shining perfection. He puts links made by it, unlike those on the pampas of the Argentine his boy in the merry-go-round, welded in the old way, never Republic, where it has for years where the little fellow swims in break at the weld. A complete been a favorite object of sport. an ectasy of clashing music; he revolution in riveting metal plates The meat is canned and exported buys his girls the cabinet organ is anticipated, as the riveting to Europe and America, being they have pleaded for so long, may be done by electricity so as something like the opposum, only

Sleeping in the Woods.

Imagine your bed-chamber of Your couch about. Attempts to "slick up" ions as a farming family. Our tide you begin to pass into the had been made, but these fell far rural people are readers. In the the soap-grease barrel occupied they draw in books, newspapers, moment comes in which you know sweet by adding lye occasionally. The cellar stairs in each of the blow and in the dairy-room interprets the cool pressure of there is nothing to hinder noxious get a large and noble culture surrender the lingering murmur gases entering that room, to the which has never been put to their of beach and pine; your eyes great danger of all the family. credit. They have time to do droop their lids little by little; One cellar had no drainage, and things without hurry. Their your nose slightly senses the after every severe rain, water reading settles deliberately into odor of the piny air, as you stands on the bottom, and planks their minds and becomes solid mechanically draw it in; the chest The hours pass, and still you

for the summer dairy, are the inforced from these cultured sleep on. The body, in obedicauses of much filthy, rotten country towns. Large, well- ence to some occult law of force "grocery butter," a stench in the grown, calm men and women, fit within the insensible frame, still nostrils and something worse in to endure and give forth their keeps up its respirations; but best under the rush and strain of you are somewhat—sleeping. At The cellar arrangements at the our high civilization, the farmer's last the pine above you, in the fifth house are of an entirely different character. Seeing "the fitness of things," the owner had may have been first suggested to a silence weaves its airy web amid the motionless stems. The water falls asleep. The loon's head is under its spotted wing, In warm weather we could and the owl becomes mute. The are stored here, and the house adopt a very sensible custom deer has left the shore, and lies cellar used only for storage of from our Spanish-American curved in its mossy bed. The milk, butter, canned fruit and neighbors, who enjoys the most rats no longer draw their tiny wake across the creek, and the shelves, out of reach of rats and four hours by arranging their frogs have ceased their croaking. mice, and the shelves are scoured, promenades—and often regular All is quiet. In the profound dried and aired every washday. fetes champetre-after sunset, quiet and unconscious of it all, The cellar is whitewashed, and when all nature seems to revive the sleeper sleeps. What sleep looks as neat and smells as sweet in the breath of the cool evening such sleeping is! and what a as a well-aired parlor. Here gilt- wind. Just at that time, how- ministry is being ministered unto edged butter is made, and sells ever, nine out of ten Anglo-Am- mind and body through the cool, for enough more every year to erican youngsters are sent to pure air, pungent with gummy pay for the extra preparations. bed, without privilege of appeal, odors and strong with the smell The philosophy of airing cellars while their elders content them- of the sod and the root-laced

We are all curious-and it is surprising how curious we are to know the way other people live especially well-known people. For several months we have been treated to glimpses into "Some floor, creating a mouldy smell. hard-working Italian farmers to Homes Under the Administration," in Washington, in a fine series of beautifully illustrated but never if there are indications of a shower. Finally, let me remoonlight. Nature herself sets articles in Demorest's Family Magazine. In the August number (just zine. In the August number (just arrived). Postmaster-General fluences on the health of the deer and half-wild cattle, after Wanamaker's mansion is thrown farmers' family, the condition of resting all the afternoon, come open to us, and we are charmed Man's with its beauties. The hand than that of any other room in best friend beats him in common somely executed illustrations give us every detail as accurately as would a personal view, and southern Alleghanies rabbits can it is a great pleasure to stroll often be seen at play on moonlit with the writer and artist through mountain meadows. Advancing the elegant apartments and the famous picture-gallery. the latter containing some of the rarest works of art in America. This August number be seen by everybody, if for this feature alone; but it contains other featues equally interesting, not the least of which is an account of "The Oberammergau Passion-Play,' which is illustrated not only with a picture of the Bavarian village where the play is now being enacted, but also with many of the tableaux show in this historical performance. There is also a complete novelette by Queen Elizabeth of Roumania ("Carmen Sylva",), preceded by her portrait and fine illustrations of her summer castle and her boudoir. The other articles and stories are all of the highest order, and beautifully illustrated. forming a Midsummer Number of rare merit, which is enhanced by a sea-shore water-color frontisexpands him. It only comes which electric welding is already piece of artistic value. Published by W. JENNINGS Demorest, 15 East 14th St., New York.

The armadillo of South Amerimore tender.

An Agricultural Picnic.

The Agricultural Society have very generously granted the use of their grounds and buildings at Benton Harbor to the Grangers for a big meeting and picnic which is to be held the last week in August. The meeting will begin on Tuesday, the 26th, and continue four days, holding sessions forenoon, afternoon and evening, all of which, except the forenoon of Tuesday, will be opened to the public who are cordially invited to be present. A number of distinguished speakers from abroad will give addresses at the different sessions, among them Gov. Luce; Past Master of Michigan State Grange; Col. J. H. Brigham, of Ohio; Master of the National Grange; Hon. Perry Mayo, of Battle Creek; and Jason Woodman, of Paw Paw It is expected the people of surrounding counties will be present in large numbers and the assemblage is to be altogether a notable event-Palla-

Grand Army Excursion to Boston. The Chicago & Grand Trunk

announce that the sale of Excur sion Tickets to Boston and return, for the Encampment of the our boards of review-E. W. El-Grand Army of the Republic, will dred. take place August 8th, 9th and 15. What has the Grant 10th. This company offers four complished—A. L. Scott. different routes, and include among their attraction, Niagara ed to all to attend. Falls, the Thousand Islands, Rapids of the St. Lawrence, the White Mountains and a journey either by rail or steamer down the coast from Portland to Boston. They also include the route through the Green Mountain region of Central Vermont, as well prepared. as the route through New York State by the West Shore and the famous Hoosac Tunnel Route. Tickets will be good for return by a process of deposit with the joint agency at Boston, until Sept. 30th. The rate is one lowest limited fare for the round trip. Full information obtained of any Agent of Chicago & Grand Trunk Railway.

"For the sake of the American author who is now robbed, for the sake of the foreign author who is now plundered, for the sake of that vast body of people who read books in the United Georgetown Grange. States, and upon whom we now force all the worst and cheapest stuff that the presses of the world pour forth, a bill for international copyright ought to be passed. Most of all, it ought to be passed for the sake of the country's honor and good name." So writes Henry Cabot Lodge on International Copyright in the August Atlantic. pose of our dairy products? Do true and faithful member, the His article is worth studying. The Use and Limits of Academic S. Shaler, which shows the cator, C. F. Hoyt. manner in which Professor Shaler believes the college could be chester, Herbert Alward, Rebecbrought into closer touch with ca Fields. the aims of the ordinary student, namely, the gaining of a living, is a noticeable paper of the number. It is followed by a sketch of Madame Cornuel and Madame de Coulanges. Both of these clever French women were given to epigram and bon-mots, many of which are retailed in this amusing sketch, which is written by Ellen Terry Johnson. Miss Murfree's Felicia and Mrs. Deland's Sidney containue their course. Mrs. Deland has, we fancy, reached the turning point in her heroine's history.

The poetry of the number is particularly good. Mrs. Fields has a sonnet; Mr. Whittier a three page poem on the town of "Reputation against Character," Mrs. The poetry of the number is three page poem on the town of Haverhill; and Dr. Holmes ends his installment of "Over the Teacups" with verses which will have great vogue, entitled, The Broomstick Train, or The Return of the Witches. The Salem witches, he tells us, impatient at their long imprisonment, petitioned to be released, but when the Evil One allowed them their liberty, they played such mad pranks that he called them together and, for punishment, made them pull the electric cars.

"Since then on many a car you'll see A broomstick plain as plain can be;

As for the hag, you can't see her, But hark! you ean hear her black cat's purr, And now and then, as a train goes by, You may catch a gleam from her wiched eye.''

But to appreciate the verses, not six but the twice sixty lines should be read, as full of snap and sparkle as the "Witch's eye" itself. Houghton, Mifflin & Co., Boston.

## Notices of Meetings.

The next regular meeting of Newaygo County Pomona Grange will be held with Fremont Grange, Wednesday and Thursday, August 13 and 14. The folday, August 15 and 14. The 101-lowing program will be taken up ny June, Dr. Talmage, all vie for general discussion: for general discussion:

1. Care of the orchard—Nor-

man More.

2. Essay-Mrs. M. W. Scott. 3. The present depression in times; the cause and remedy, if any-J. H. Macomber and A. L. Scott.

4. Which is the best for the farmers, the present system of maintaining roads or by direct tax—J. F. Frye.

5. Essay—Mrs. Belle White. 6. Recitation—Leona More.

7. Obnoxious weeds — John Barnhard. 8. The ballot and who should be allowed to use it—C. Hoskins.

9. Essay—Mrs. P. W. Hall. 10. Planting, care and marketing of potatoes-J. H. Macum-

11. Girl life on the farm—Mrs. Frank Hillman.

12. Essay-Miss Jennie Jewell. 13. Are farmers benefited by

15. What has the Grange ac-

A cordial invitation is extend-

W. C. STUART, Lect.

Van Buren county Pomona Grange will hold its next meeting at Woodman Grange hall, Thursday, August 28, 1890, at 10 a. m. A good program will be prepared. E. L. WARNER,

HERRINGTON, July 28. Western Pomona Grange will meet with Georgetown Grange Aug. 22 and 23. We wish to have a good attendance of our Pomona members. If anyone has a submeeting, we will be pleased to have them present it, as the following program is not lengthy:

First day—open meeting.
Grange called to order at 11

o'clock a. m. Address of welcome to the visiting members by the Master of

Response, by Master of Po-

nona.

Music.

Recess and dinner.

Report by legislative commitee on needed legislation.

Discussion of the various questions presented by the committee.

co-operative cheese factories pay? community a social and pleasant Culture, a paper by Professor N. erway, Allie M. Alward, Bert De-

Recitations, by Miss Della Win-

MRS. THOS. WILDE, Lecturer.

Farmers' Basket Picnic.

The annual basket picnic of the Van Buren County Pomona Grange will be held at Hartford on Wednesday and

Thursday, August 6 and 7. Following is the programme: WEDNESDAY.

10:00 a. m. Social greeting and busi-

12 m. Dinner.

1:30 p. m. Music and prayer; address of welcome by H. M. Olney, president of Hartford village; song of welcome; response by W. R. Sirrine, Worthy Master of Pomona Grange; greeting song; address by His Excellency, Gov. Cyrus G. Luce.

A. U. Barnes, of Lawrence; recitation, by Harry Myers, of Paw Paw; solo, by Mrs. G. E. Gilman, of Paw Paw; paper, "The Depression of Agriculture," by Walter Gage, of Lawrence; recitation, by Miss Edna Harris, of Hamilton;

THURSDAY. 10:00 a. m. Music; recitation, by Miss Maude Armstrong, of Waverly; address by Hon. J. J. Woodman. 1:30 p. m. Music; address by Hon. J. H. Brigham, of Ohio, Worthy Master of

National Grange; music.

The music will be furnished by a glee club of Paw Paw, composed of Bruce A. Cumings, C. W. Reynolds, Chas. H. Butler and G. E. Gilman, with Miss Grace Woodman as organist.

Five minute speeches will be called for at various times.

Resolved, That this Grange, feeling loss and appreciating his

for at various times. One fare for round trip over T. & S. H. R. R. Preserve your ticket and present it to J. C. Gould at the picnic to

insure your free return. Reduced rates have been applied for

over the C. & W. M. R'y. Everybody is invited, and especially Patrons of Allegan and Berrien coun-

ties.

MRS. J. M. FISK, Lecturer.

The Ladies' Home Journal.

For midsummer reading, the August Ladies' Home Journal is papers for publication. like a cooling breeze—all the stories savor of the sea and country, and Julian Hawthorne, Maud Howe, Louise Chandler with each other in story, poem and article. The article on "Promiscuous Bathing" for girls is specially timely. The life of the fashionables at Newport is delightfully told in an article. Dr. Talmage tells how he preached his first sermon, while ten of our most famous women try to answer the question, "Which is the Happiest Hour in a Woman's Life?" Caroline B. LeRow says some very helpful things in telling what are the "Essentials of a Good Teacher," while the departments devoted to flowers and talks with girls, are specially well filled this month. Altogether, the August Journal makes the very best of summer reading—pure and bright, and as entertaining as beneficial. The number costs only ten cents. The Journal is published, at one dollar per year, at 433-435 Arch street. Philadelphia.

A Sterling Testimenial.

CALAIS, VT. July 1st. 1890.

Mr. G. W. Ingersoll, Dear Sir:—I know from actual experience your paint is all you claim; covers with each other in story, poem

I know from actual experience your paint is all you claim; covers more space, lasts longer and looks better than any paint I have used before. I know you are square and honorable in all your dealings, and believe anyone trying your Paints will use no other; there is no discoloring, cracking or rubbing off, and my of the nose and eustachian tubes. Microscopic rehouse is a standing witness of this recommend.

J. M. GOULD.

However good you may be, you have faults; however dull you ject they wish discussed at the may be, you can find what some of them are; and, however slight some of them may be, you had better make some—not too painful, but patient—efforts to get quit of them. -John Ruskin.

#### Obituaries.

MERWIN.

Died, at the home of her Sister, in Grand Blanc, July 15th, Mrs. Rena Merwin, a member of Groveland Grange, No. 443.

WHEREAS, It has pleased the great Master to remove by death our beloved Sister, therefore.

Resolved, That in the death of Question: How shall we dis- our Sister the Order has lost a Essays, by Mrs. A. V. Wheath- friend, and the husband a loving wife,

Resolved, That we tender the bereaved husband our heartfelt sympathy, and that a page of our record be set apart as a memorial of our Sister.

Resolved, That a copy of these resolutions be transmitted to the bereaved husband and also to the GRANGE VISITOR for publication.

ELMA HOSNER. MARY SIMPSON, MINNIE CAMPBELL, Committee.

DYER.

FERRIS, June 5th, 1890. Montcalm county Pomona, No. 24, met at Ferris Grange hall and passed resolutions on the death of our esteemed Brother F. H. Dyer.

Again death has entered our Grange family, this time to take from us a true friend, a conservative patron, and a wise counsellor. While we must submit to the inevitable, we linger in sadness over the memory of one who has been a true Brother to us in the Grange, careful, energetic and a man of unsullied integrity, one who had a heart in every good work; Therefore, Resolved, That in the death of Bro. Dyer, this community loses one of its best

feeling loss and appreciating his family our sincere sympathy, and that space be given in the records

for proceedings of the same. Resolved, That our charter be draped in mourning for a space of sixty days, also that a copy of 

bereaved family and to the GRANGE VISITOR and county

SISTER H. A. CARROLL, SISITER M. PINTLER, BRO. E. D. MASON, Committee.

#### SIXTEEN TRANS-CONTINENTAL PAS-

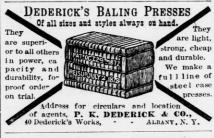
SENGER TRAINS DAILY. Under the new train schedule which the North

### CATARRH, Catarrhal Deafness---Hay Fever.

A NEW HOME TREATMENT. Sufferers are not generally aware that these diseases are contagious, or that they are due to the presence of living parasites in the lintug membrane search, however, has proved this to be a fact and the result of this discovery is that a simple romedy has been formulated whereby catarrh, catarrhal deafness and hay fever are permanently cured in [See Ad. Patron's Paint Works.] from one to three simple applications made at home by the patient once in two weeks.

N. B .- This treatment is not a snuff or an ointment; both have been discarded by reputable physicians as injurious. A pamphlet explaining this new treatment is sent free on receipt of stamp to pay postage, by A. H. Dixon & Son, 337 and 339 West King Street, Toronto, Canada.—Christian Advocate.

Sufferers from Catarrhal troubles should carefully read the above.



# **CURE FITS** warrant my remedy to cure the worst cases, others have failed is no reason for not now re-cure. Send at once for a treatise and a Fr of my infallible remedy. Give Express and P H., G. ROUT, M., C., 183 Pearl St. No

#### WANTED.

ONE HUNDRED WOMEN AND GIRLS to work in our FEATHERBONE DRESS STAY or FEATHERBONE CORSET FACTORY. For

Warren Featherbone Co., Three Oaks, Mich

Rosy Complexion, Youthful Beauty, Plumpness and Loveliness

are produced by Old Dr. Heath's Harmless Arsenical Rejuvenating Wafers, and Black Heads, Pimples, Eruptions, Skin Diseases, Ulcers, Catarrh, Hay Fever, Asthma, Lung Diseases eradicated. Perfect health is the mirror of beauty, and only \$1 a box or six for \$5. Mailed sealed. Free consultation at offices, 291 Broadway



FOR SALE.

12,000 ACRES GOOD FARMING LANDS, On Michigan Central, Detroit & Alpena and Loon
Lake Railroads. At prices ranging from \$2 to \$5
per acre. Titles perfect. These lands are close to
enterprising new towns, churches, schools, &c.,
and will be sold on most favorable terms. Apply
to R. M. PIERCE, West Bay City, Mich.
Or to J. W. CURTIS, Whittemore, Mich.

worth, do extend to the deceased Glubbing List with The Visitor

		Both	Pape
,	Weekly Free Press	1.00	\$1
	Detroit Weekly Tribune	1.00	1
	0 11. 11	2.40	2
,	St Louis "	1.50	I
	Demorest's "	2.00	2
,	Demorest's Michigan Farmer " Farm Journal	1.00	I
•	Farm Journal	.25	
	Farm and Garden	.50	

#### MONTANA, OREGON AND WASHINGTON.

A correct map of the north west will show that the Northern Pacific Railroad traverses the central portion of Minnesota, North Dakota, Montana and Washington for a distance of nearly 2,000 miles; it is the only Railroad reaching Jamestown, Bismarck, Miles City, Billings, Livingston, Bozeman, Missoula, Cheney, Davenport, Palouse City, Sprague, Ritzville, Yakima, Ellensburg, Tacoma, Seattle and in fact nine-tenths of the north-west cities, towns, and points of interest.

The Northern Pacific is the shortest trans-continental route from St. Paul and Chicago to Helena, Butte, Anaconda, Deer Lodge, Spokane Falls, Walla Walla, Dayton and Portland, and the only one whose through trains reach any portion of the new state of Washington. Land seekers purchasing Pacific Coast second class tickets via St. Paul and the Northern Pacific have choice from that point of free Colonist Sleeping Cars or Pullman's Tourist Furnished Sleepers at charges as low as the lowest.

the lowest.

For the benefit of settlers the Northern Pacific also gives a ten days' stop over privilege on second class North Pacific Coast tickets at Spokane Falls and each and every point west, including over 125 stations in Washington, thus enabling persons seeking a home to examine this vast territory without incurring an expense of from \$5.00 to story without incurring an expense of from \$5.00 to \$25.00 in traveling on local tickets from point to point.

Insure for yourself comfort and safety by having

Insure for yourself comfort and satety by having the best accomodations afforded, thereby avoiding change ot cars, re-checking of baggage, transfers and lay overs en route. Money can be saved by purchasing tickets via St. Paul or Minneapolis and the Northern Pacific.

For Mays, Pamphlets Rates and Tickets enquire of your nearest Ticket Agent, any District Passenger Agent of the Northern Pacific Railroad; or Chas, S. Fee, General Passenger and Ticket Agent, St. Paul, Minn

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**Executive Committee.** 

Officers Michigan State Grange. MASTER—THOS. MARS......Berrien Centre OVERSEER—PERRY MAYO......Battle Creek

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Paw Paw.
Tuscola. D. PLATT W. REDFERN C. GOULD J. C. GOULD Paw Paw.
J. Q. A. BURRINGTON Tuscola.
E. N. BATES Moline.
GEO. B. HORTON Fruit Ridge.
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J. T. COBB, Ex-Officio Schoolcraft. General Deputies.

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G. R. & I. RAIL ROAD.

GOING SOUTH.	No. 2	No. 6	No. 8	No. 4
		A. M.		
Mackinaw Citylv	9 20	9 00		
Petoskey	10 40	10 13		3 20
Traverse Citylv		11 25		4 00
	A. M.	P. M.		
Walton	1 16	12 45	6 00	5 50
Cadillac	2 20	2 05		
Reed City	3 22	3 05	7 58	8 05
Grand Rapidslv	6 30	6 00	10 25	11 30
Kalamazoolv	8 26	8 05	2 05p	1 35
Turning of the state of the sta	P. M.	A. M.	P. M.	A. M.
Fort Waynelv	12 15	12 10	6 30	5 45
Cin.C. S T L & P Dpt ar	6 15	7 00		12 20
GOING NORTH.	No. 1.	No. 3	No. 5	No.
	P. M.	A. M.	P. M.	A. M
al. aamt & D Det le		7 55	8 50	
			A. M.	A. M
Cin. CSTL&PDptiv	P. M.	P. M.		
	P. M. 6 10	P. M.	2 25	
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Fort Waynear Kalamazoolv	6 10 7 20a 11 30a	2 40 7 05 10 30	5 20 7 25	8 05 12 20 4 10
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C. L. LOCK WOOD, G. P. & T. Ag't, Grand Rapids.

C. & G. T. RAILWAY. Jan. 19, 1890.—Central Meridian Time.

TRAINS WEST WILLE				
	No. 2 Exp.	No. 18 Exp.	No. 4 Exp.	
Port Huron ly	7 16am	5 59am	7 24 pm	
Lapeer	8 31 "	7 28 "	8 55 "	
Flint.	9 05 "	8 05 "	9 45 "	
Durand	9 35 "	8 48 "	10 30 "	
Lansing		10 00 "	11 30 "	
Charlotte	11 00 "	10 37 "	12 05an	
Battle Creek ar		11 30 "	12 50 "	
" " ly		1 00pm	1 00 "	
Vicksburg		1 48 "	1 48 "	
Schoolcraft		1 58 "	1 58 "	
Marcellus	1 - 00 11	2 20 "	2 17 "	
Cassopolis		2 52 "	2 45 44	
	"	3 40 "	3 35 "	
South Bend		5 20 "	5 10 "	
Valparaiso	6 25 "	10 10 **	7 30 "	

TRAINS EASTWARD.

	No. 1 Mail.	No. 3 Exp.	No. 5 Exp.
Chicago ly	8 40am	3 15pm	
Valparaiso	11 25 "	5 20 "	10 30 "
South Bend	1 00pm	6 40 "	12 00 am
Cassopolis	1 50 "	7 17 4	12 45 "
Marcellus	2 20 "		1 11 "
Schoolcraft	2 42 "		1 33 "
Vicksburg	2 55 "	8 01 "	1 48 "
Battle Creek ar	3 45 "	8 40 "	2 30 "
" " lv		8 45 "	2 35 "
Charlotte	5 00 "	9 27 "	3 25 "
Lansing	5 37 "	9 57 "	4 00 "
Durand	7 20 "	10 48 "	5 03 "
Flint	0 00 11	11 17 "	5 40 "
		11 48 "	6 17 "
LapeerPort Huron		1 05 am	

No. 42, mixed, west, leaves Schoolcraft at 9:50 a. m., and No. 43, east, at 3:40 p. m.

Nos. 2, 3, 4 and 5 run daily.

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