

"THE FARMER IS OF MORE CONSEQUENCE THAN THE FARM, AND SHOULD BE FIRST IMPROVED."

VOL. XVIII, NO. 11.

LAW.

HON. A. E. EWING.

the practical obstacles it is a very different matter, and it may be of interest to many to follow the course of a bill from beginning to end.

In the first place it may be said that the legislature is only the "machine" through which laws are need not do so. In the senate, way to the statute books. Many a "ground out." The great majority notice must be given in either bill meets its first resistance here, of bills are perhaps drawn by case. But these rules may be and, alas, how many a one never parties who are not members of the legislature and who introduce them through the senator or representasure the members draft a great many of their own bills and amend-notice having been given. Nearly all bills are introduced by individ-and many of the most spirited contive from their district. To be ments, but if the bill is of any great or special importance it is generally drawn by some experienced lawyer. So if any person wants a law made he may draft it himself or get some one to draft it for him and request his representative in the legislature to introduce it, or, as is often the case, the member of the legislature upon request may both draft and introduce the bill.

Briefly stated the course a bill must travel when introduced in the a as idiows.

1. Previous notice by member. 2. Introduction by member.

3. First and second reading by

clerk.

4. Reference by speaker to stand. ing committee.

5. Consideration by committee. 6. Report of committee to the house with recommendation.

7. Ordered printed, referred to the committee of the whole, and placed on the general order.

8. Consideration by committee of the whole.

9. Report of committee of the hole with recommendation.

LANSING, MICHIGAN, JUNE 1, 1893.

A BILL AND HOW IT BECOMES A is usually given in the following the bill a number in the order of then announces that "the bill will mittee of the whole is exhausted, form and read by the chief clerk its introduction and passes it over be printed, referred to the commit- some member moves that the "com-

To the careless observer and leave to introduce A bill to secure introducer number and reference the printed files on each member's committee of the whole returns to general critic the making of a law to women citizens, not otherwise of the bill and delivers it over to desk, and then it awaits its turn to his seat and reports to the speaker is a very easy thing. But to the qualified, the right to vote in the chairman or clerk of the com- be called up in committee of the what bills the committee of the actual lawmaker who meets the school, village, city and other mittee to which it was referred, and takes a receipt for the same. days time and frequently a mem- tion and what changes, if any,

2. INTRODUCTION.

Bills may be introduced by members individually, or on report of a committee. In the house, members must give such notice as above ever bad it may be to get as far referred to, but the committee along as this point on the rough suspended at any time by two- survives the severe inspection to thirds of those present, and it is which it is here subjected. Here often done in order that a bill may are the scenes of all the great prebe introduced without previous liminary battles. Here is the place ual members after notice has been tests of the session are held in given. Committees rarely intro- these small committee rooms. The duce a bill unless it be a substi- committee sets some particular tute for some bill which has been time for the consideration of a bill A introduces a bill to provide for attend and put in their reasons for which the bill was referred, report lighting bill, in the discussion of mittee, or "committee of the whole," or society."

fusion.

5. CONSIDERATION BY COMMITTEE.

It is no trouble for any bill hownotice and introducing his bill some "pigeon holed" and never again way it is done. other day. The constitution pro- heard of unless the house should

and entered in the Journal: "Mr. Newkirk gives notice that at some future day he will ask makes a memorandum of the date, seen of the bill until it turns up on the the title of the bill into a book, seen of the bill until it turns up on the chair, and the chairman of the This is to provide against con- ber will move to "discharge the were recommended by the comcommittee of the whole from mittee. further consideration of the sub-instand that the hill be placed mean ject and that the bill be placed upon its immediate passage." This is done to save time and hurry the mittee of the whole makes his

lar and such bills sometimes are so poorly considered that the house knows but little of what they contain, and upon the whole it is betlet the bill take its regular course. Many a bill passed under suspension of the rules is afterwads called back to be amended or corrected and much time is lost thereby.

8. COMMITTEE OF THE WHOLE.

Next after consideration by the referred to it. For instance, Mr. and all interested are invited to standing committee the consideration in committee of the whole is the reorganization of "agricultural or against it. Sometimes there is the most important stage in lawcorporations or societies." The no contest at all, but on such a bill making. Here the whole house separately in their turn and procommittee on corporations, to as for instance the Detroit electric resolves itself into a general comback to the House as a substitute which the mayor of the city and as it is called. It is done in this only; but this third reading is a a general bill to "provide for the many of the foremost lawyers in the way. Some member moves that the State argued long and earnestly the "house resolve itself into combefore the commit ee, it was found mittee of the whole on the general When a member wishes to intro duce a bill, he addresses the sittings before the committee got reported and awaiting such con-a bill "be considered as read" in speaker and on being recognized, the bill in shape to be reported out. sideration. The speaker does not order to save time. There are says: "Previous notice having It is only before these committees preside but calls some member to some charter bills that would take been given I wish to introduce a that anyone not a member can the chair while he himself goes all day to read and the members bill." If notice has not been given, speak in the legislature. Here the down upon the floor with the other are generally glad to let it be read he says: "I ask unanimous con-sent to introduce a bill previous Notice not having been given." If any one objects it then takes a two. any one objects, it then takes a two- to, scrutinize, draw conclusions suspended and formality is somethirds vote to suspend the rules in and finally decide what to do with what relaxed. A bill cannot be thing to omit the actual third order that he may introduce his the bill. If the bill is so unfort-bill, and if that is denied, he must unate as to meet with the disfavor It can only be considered and its stitution. But when the reading then content himself by giving of the committee it will probably be passage recommended. This is the of a bill takes an hour or two the

hibits the introduction of any new order the committee to report on of the whole reads the bill section cluded by the clerk the speaker bill after the expiration of the first it, which is rarely done unless it is by section. As he finishes the announces "third reading of the fifty days of the session. On the thought the committee has been infatient day of the present session unfair about it. The committee the any amendments to this secoffer amendments or substitutes will call the roll." At this point When a bill is introduced by a 6. REPORTOF COMMITTEE TO THE HOUSE. A member an analysis of the and amendments and substitutes may A member can speak as often as he amendments and substitutes may If the committee are in favor of wishes to and when the discussion be offered. But it takes a the original bill or agree to is closed the chairman puts the two-thirds vote instead of a mere amendments to it, or to a substi- amendment or substitute to vote majority to make any change in The constitution says every bill tute for it, they direct their chair-and if a majority of the members the bill since its consideration in man to report accordingly at some agree to it, it is so recorded. Each committee of the whole. Debate house before the final passage following session. The report is section of the bill is taken up in at this time is more formal than in 18. Referred to committee of the thereof. Each house has provided made as follows, being usually prepared by the clerk of the com- are so disposed of the chairman ber is expected to speak more than upheld the practice, that the first mittee and offered during session asks if there are "any amendments once, and cannot do so if anyone 19. Consideration in committee and second reading shall be by title by the chairman of the committee: to the body of the bill," and here only. For instance, a member sends up a bill and the chief clerk reads as follows: "A bill to grown was referred house bill in the body of the bill, and here another opportunity is offered to any member to offer any amend-on third reading of the bill. But these discussions on third reading of the bill. reads as follows: "A bill to secure No. 246 relative to female suffrage ment or to change any part of the lively and many a bill receives its to women citizens not otherwise in cities, villages, etc., beg leave to bill. If there are no further amend- death blow from some pointed ments the chairman declares it village, city and other municipal elections." The speaker then says, directed me to report the same is a fortunate bill that gets through passed, and takes up a new bill. It stage. the committee of the whole without the clerk reads the title again just ment and recommend that it do being changed in some way. Somepass and ask to be discharged times a bill is so disfigured that even the introducer of. it would scarcely recognize it as the same. If the committee make amend- Then again some bills slide through The clerk has for this purpose a ments they ask that they be con-curred in by the house. If the question. The action of the com-paper on which are printed in thereof. There are from three to committee fail to agree, the minor- mittee of the whole, however, is alphabetical order the names of all ity may bring in a similar report not final, nor by any means con- the members. He uses a separate clusive that it will pass upon third strip for each roll call going over reading. For instance, the female it the second time in order to give Frequently a committee will suffrage bill went through the com- all a chance to vote, and then hands mittee of the whole without the ation and ask that the bill be slightest opposition, but it was un- assistants who records the result printed for the use of the com-mittee. When the chairman of a committee makes a report he re-value of the committee of the whole turns the bill with the report and the battle of such a bill is half which it permits and the thorough final passage of all bills. It requires a majority of all the memscrutiny which such discussion bers elect to pass a bill and accordincites.

WHOLE NO. 419.

When the chairman of the combill through, but it is not regu- report to the speaker, the speaker orders the bill placed upon the order of "Third reading of bills," and when that order of business is reached on the same or any followter, even if it does take longer, to ing day, all bills which have progressed to this stage are taken up in their order and passed upon. This is called the order of

11. THIRD READING.

This is another critical period in the course of a bill. When the house arrives at this order, the the clerk produces all the bills on that order. He takes them up ceeds to read the bill entire. first two readings were by title real reading, and the reader can here imagine the monotony in the reading of some long, dry statute. The chairman of the committee When the reading of a bill is con-Here, any member can aye, those opposed, no. The clerk objects unless he be the introducer strong speech against it at this

10. Placed on the order of third

reading. 11. Third reading.

12. Placed on passage.

13. Transmitted to the senate.

14. First and second reading by

clerk of the senate.

15. Reference by president of senate to standing committee.

16. Consideration by committee.

17. Report of committee with recommendations.

whole, and placed on the general order.

of the whole in senate.

20. Report of committee of the whole with recommendation.

21. Placed on order of third reading in Senate.

22. Third reading in senate.

23. Placed on passage in senate.

Returned to house. 24.

25. Senate amendments, if any, concurred in by house.

26. Referred by speaker of house to committee on engrossment and enrollment.

27. Report to house of committee on engrossment and enrollment. 28. Sent to the governor for ap-

proval.

29. Report of governor to the house.

It may be seen from the foregofrom the following that it is a rough one. Let us consider each ary committee aits a bulk mainly involving quustions of law go to the judicistep in its order.

1. NOTICE.

duce a bill, he must give at least When the speaker announced "secone day's notice, in writing, and ond reading of the bill" relating won. such notice must contain the title to female suffrage, he immediately of the bill. This is required by said; "referred to committee on rule in both houses. Such notice judiciary." The clerk then gives read by the clerk, and the speaker When the business in the com-

the house was in session till mid- may recommend amendments to, tion." night for the introduction of bills. or even a substitute for the bill. member, a messenger boy runs with it to the chief clerk.

3. FIRST AND SECOND READING.

shall be read three times in each by rule, and the supreme court has qualified the right to vote in school, report that they have had the as before and the speaker says,

4. REFERENCE TO COMMITTEE.

"second reading of the bill."

There are about fifty standing committees in each house apseven members on each committee, and the committees are named according to the class of subjects or bills they are to consider. For the committee on municipal corporations; bills affecting railroads When a member wishes to intro- go to committee on railroads, etc.

"first reading of the bill." Then back to the house without amendfrom further consideration of the subject."

pointed by the presiding officers curred in by the house. If the with such recommendations as they see fit.

make a report without recommend-

7. GENERAL ORDER.

12. PASSAGE.

When debate ceases, the clerk proceeds to call the roll of the House in alphabetical order and records the vote of each member as "Aye" or "No" as the case may be. the marked slip over to one of his

ingly the least number in the house that can pass a bill is fifty-Continued on page 5,

THE GRANGE VISITOR.

Field and Stock.

THE VALUE OF MILK TESTING IN THE FARM DAIRY.

[Concluded.]

A RATION.

At first her ration was about as into little granules, about the size clover and timothy hay; 4 pounds the buttermilk taken from a perfect other plants found in bush pasture, a single direction, and the less able apparatus is fully explained, and also the corn meal and 3 pounds crushed churning, shows the loss of butter also impart an odor to milk and but- she is to withstand abuse; conseoats, in two feeds, night and morn- fat to be reduced to a minimum. ing. I have weighed each milking for nearly three months. Tests of her milk were made generally every week. This cow's ration was poorly balanced at first, but soon after the following combination was made: 10 to 14 pounds clover and timothy hay, 5 pounds corn and cob meal, 4 pounds crushed oats and 2 pounds wheat bran. The following formula shows its digestible nutrients in pounds:

	A	bumin- oids.	Carbo- hydrates.	Fat.
rathe	Clover & timothy	0.66	5.28	0.16
51bs. 41bs.	Cob meal	0.34	2.83	0,19
	Oatmeal	0.36	1.84	0.10
	Bran	0.23	0.92	0.05
		1.50	10.87	0.50

as much bran to make a well bal- the scales, to determine the pro- from cows obliged to drink water anced nutritive ration. This ex- ductive capacity of the cow; show- contaminated with the germs of periment showed me that it would ing in other words whether she is disease. Sometimes the disease is pay to lay in a good supply of kept at a profit, or at a loss, or traced to its source. More often coarse, flaky bran next summer when the price is low. Then I can board. It enables the farmer when the price is low. Then I can feed more bran at a far less cost. to determine which cows he should ing results, and "the prevalence of Through November I gradually select as the dams of the future typhoid" or some other kindred increased my first ration to the herd, and, in general, in connection disease is commented upon as a amount given above. The scales with other means of information, to mysterious visitation. The drinkand tester showed a gradual gain enable him to carry on breeding ing water of the household and the until this cow gave from 20 to 22 on correct and scientific principles. milk supply share the responsibilpounds of milk testing 4.8 per cent It has, therefore, a much wider, ity as sources of this class of ailbutter fat. No change of ration seemed to increase her yield more the farm than in the creamery. In more careful of their own drinking than this, according to repeated the creamery it merely determines water than of that which they give tests, and I decided that she had reached her full limit for this sea- it determines the value of the indison, both as to milk flow and fat vidual cow, and is an important water supply of the milk producer. yield.

The first of last December she problem of breeding up a herd of gave 20 pounds of milk and tested dairy cows.' 4.6 per cent fat. Today (Feb'y 10), she give almost exactly the same amount of milk, and has gained 0.2 in fat. This cow has not varied 2 pounds per day in her milk flow for nearly 21 months, except on two or three different days; then she was left out in the yard a portion of the day in a very cold wind, and on another day was out in a snow storm. By actual weight and use of the tester, I found a slight loss of butter fat, and from two to four erly; give access to plenty of pure pounds loss of milk each time she was exposed to the weather.

the dairy arise from imperfect always. The Jersey cow probably Some of the greatest losses in creaming and churning. It is owes her docility to the fact that claimed by leading dairy experts in the island whence she came that from one-fourth to one-third to us, and where she presumably ac-

on the under side of their apron. even fastidious people will tolerate The climate of the island is of the As the temperature of their fingers it, when they would be inexpres-is not always the same, they fre-sibly shocked and disgusted if they ure which might otherwise have don Non-swarming Device" for bees, which quently hold the cream too long, should see even a smaller portion been neglected, and Jerseys will is fully described and illustrated, and now for the first time presented to the public. and it develops too much lactic acid. of the same fertilizing element in- not work up to their full capacity When properly ripened and churn- troduced openly into the milk they ed the butter globules will gather were expected to consume.

THE MILK TESTER.

The picking over by the cow of follows: From 10 to 12 pounds of small wheat kernels. A test of foul bedding, as well as leeks and ter and render it unwholesome.

PURE WATER. Another matter of vital import-"There is a mistaken notion in the minds of some farmers as to ance, and one very frequently nethe value of the milk tester on the glected, is the necessity of having farm. It does not give any indi- pure water for the cows. It is a cation of the amount of milk, nor very common impression that anyof the length of the milking period, thing in liquid shape is good enough nor of any of the other merits or for stock of all kinds. Shallow defects of the cow. It is not in- basins are excavated, or natural tended for any of these purposes, depressions utilized, where the nor is it intended to supplant the water stands exposed to the sun judgment of the dairyman as to for weeks and months, propagating what constitutes a good cow, but disease germs which being transrather to aid him in selecting and mitted by the agency of the cow, breeding. It is useless without the find lodgment in the consumer's scales, for in determining the value physical system. Thousands of of the cow the amount of milk is children, yes and mature consum-According to the analysis of this as essential a factor as its richness. ers also, in city and country, die ration there should have been twice Its great use is, in connection with annually from the effects of milk the value of the milk. On the farm their cows, the evil perhaps more frequently can be traced to the aid in the still more complicated Any standing water exposed to the rays of the sun is dangerous. Give no water to your cows that you think is not fit to drink yourself. Jersey dairymen, you have in its

essential elements the best milk and butter on earth to offer your customers. See that it is scrupulously clean and wholesome, and secure a trade where the demand at good prices and greater than the THE EFFECTS OF TAINTED MILK supply-the custom of those who like what is palatable and clean, and who have regard for the health of their families.

SPECIAL DEVELOPMENTS OF JER-SEYS AS BUTTER PRODUCERS.

PRIZE ESSAY, BY H. C. BECKMAN, JR.

In this day of competition it has come to be an acknowledged to and absorb odors which do not in fact that general purpose animals, any way affect the cheese making, of the butter lat produced by our quired many of her valuable char-cows goes into the swill-pail. Some acteristics, she has been under the may say. "What of it? The pigs care and training of the wives and cows goes into the swill-pail. Some may say, "What of it? The pigs get it, don't they? It isn't lost." But, my friends, is *is* lost, for produce an animal superior in two traces of such an odor as that of spirdissimilar branches e. g., milk its of turpentine would in no way and beef, or mutton and wool. of energy at its disposal, and this compound would be completely another, making a general purpose milk is exposed in the presence of animal indifferent in both branches. putrefying animal matter, the ab-If any organ or set of organs is de- sorption of odors will be accomthrough evolution, it becomes improved at the expense of other the milk that, during the process organs. A careful breeder can, by judi- floating curd, large losses of milk cious selection, mold the form, dis- constituents and an inferior cheese One very bad feature of average position, size, etc., of his animals, product. In connection with cheese dairying is carelessness in milking, until a certain limit is reached. making, we should, therefore, dis-Out of many scores of tests made more particularly in the winter History tells us how Bakewell, the tinguish between tainted milk, it is found that the loss from the time, or when the cows are stabled. Collings, Booth and Bates devel- caused by the absorption of a mere shallow, open pan setting averages More or less vileness and offensive oped the British beef breeds? Of odor and that caused by absorption from $1\frac{1}{4}$ to $2\frac{1}{2}$ per cent butter fat. dust collects upon the udder, and course these men were exceptional of odors which are necessarily ac-In the deep setting creamery it was unless removed before milking, a breeders, but their work goes to companied by deleterious bacteria. from 0.1 per cent to about 1.2 per portion of it finds its way into the illustrate how susceptible cattle are Of course, any abnormal odors are cent fat. The Centrifugal Separa- pail. Part of it settles after pass- to morphological and physiological undesirable in milk, but there is a ticle of fat, leaving only from a product is contaminated. Fre-trace to about 0.1 per cent fat in quently when stables are ill-kept their cattle with a single object in be recognized. dairy, it would seem the better milking. Half the milk that is tity of butter, but quantity of butway to use the cold water gravity sent into our cities will deposit a ter for given quantity of feed; and way to use the cold water gravity sent into dur cities will deposit a ter for given quantity of feed; and in this capacity their cows have in this capacity their cows have come to be par excellence. The ing a richer grade of milk, also sup-ing a richer grade of milk also sup-ing or totally submerged in cold water. ply a cleaner article, and those who careful and painstaking, and love head. The heaviest ewe's fleece Finally, the tester and dairy care for health and decent living their cows as an Arab loves his weighed 19 pounds and 10 ounces, thermometer show how to avoid will give it the preference even at horse. The cattle are given the boundary of four-year-old. The The cream should be properly rip- It is urged by many that it is too supports on an average one cow per pounds, and was from a five-yearened by the aid of the thermometer. much trouble to clean the udder, acre, it will be seen that the farmers old.

fingers into it and wiping them off unavoidable. It is strange that in order to avoid a waste of pasture. when exposed to cold rains, snowstorms, etc. The more highly or-ganized an animal is, the better able she is to apply her entire energy in the best of the superssion of swarming are manifold, and a system has at last been devised to meet this want. The quently, the better it pays to give non-swarming attachment for bee hives, by the use of which the desire to swarm is her every advantage; a warm stable is far cheaper than feed.

that Jerseys are better adapted to that has long been desirable. Other im-make more butter out of a given portant advantages are claimed for the make more butter out of a given quantity of feed than any other breed:

1. They are more highly developed in that capacity than any other breed.

2. Through evolution, they have obtained a scientifically correct form and disposition.

3. They waste no energy in making unnecessary skim milk.

4. They respond more rapidly to good feeding.

5. They mature as early or earlier than any other breed, frequently giving milk before the first calf is dropped. It is questionable whether this is desirable or undesirable, as the cow is almost sure to suffer for it afterward. It does, however, illustrate the remarkable milk giving tendency versus the tendency to lay on fat, so prominent in most dairy breeds.

6. As a most potent proof, the fact may be cited that a very large percentage of the dairy cattle of the east are Jerseys.

The dairy farmers of the eastern states, notably those in New York, Pennsylvania, Vermont, etc., owing to keen competition, are obliged to run their dairies as economically as possible, to practice intensive rather than extensive farming. They have awakened to the fact that it does not pay to keep dairy cows that lay on fat, or waste their food in making skim milk; and it is only a question of time when the same condition of affairs will exist in the west, and western dairymen be obliged to adopt similar measures.

UPON THE MANUFACTURE

OF CHEESE

[Bulletin Geneva, N. Y. station.] The term "tainted" is usually applied to any milk that gives off H. H. HINDS any odor other than that belonging Stanton, Montcalm Co to normal milk. In regard to cheese making, we should make a distinction between different kinds of tainted milk. Milk may be exposed

An important paper to bee keepers is furnished in the May number of *Insect Life*, issued by the Department of Agricultored to prevent or at least control natural removed. It is even thought possible that by its constant use a non-swarming strain The following facts go to prove of bees will in time be evolved-a result system.

MICHIGAN STOCK BREEDERS.

All those who wish to purchase purebred stock of any description, will find it to their advantage to correspond with some of the following wellknown breeders.

SHROPSHIRE SHEEP

We are prepared to furnish Choice Imported, or Home-bred Ewes and Rams at prices as rea-sonable as any Reliable Breeder can sell. If you wish to start a Flock it will pay you to write us for prices, or better come and see for yourself.

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Successor to MERRILL & FIFIELD and Breede

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Choice stock of both kinds for sale. Prices reason able. Correspondence solicited.

HIGH CLASS SHROPSHIRES. We offer ten imported 2-year-old rams from the flocks of Messrs. Bowen-Jones and Minton that will weigh 300 pounds, and shear from 13 to 15 pounds at maturity, that are tested sires and fit to head the best flocks, and 40 home-bred yearling rams. We shall make an early importation for our '93 trade. Annual auction sale September 31. THE WILLOWS, PAW PAW, MICH.

SPRINGDALE FARM LANSING, MICHIGAN

JAMES M. TURNER, Prop

Shorthorn and Hereford Cattle Clydesdale and Standard-Bred Trotting Horses, Shetland Ponies and Shropshire Sheep



BLACK MEADOW FARM. Standard-bred Trotters Shorthorn Cattle Shropshire Sheep **Berkshire** Pigs

uable for a hog ration.

SHALLOW SETTING.

As a general thing it is found open pan is a wasteful method. It is very difficult to place these pans where the temperature may be just right during the whole 24 or 36 hours. To secure the larger proportion of the fat in this way, it would be better to have a special room that could be warmed and ventilated so as to keep the temperature at a uniform, normal con-

dition. The milk tester-shows the slightinvariably extract nearly every par- floating on the cream, and the whole

ened by the and of the thermometer. Indefinition to the first the treatment of the international the section of the thermost out of and in many farm households this are obliged to make the most out of the modern giant comes high, but the cream by sticking their dirt in the milk is looked upon as their feed. The cows are tethered circuses must have him.—Troy Press.

But, my friends, is is lost, for developing a quiet, trusting dispothe butter may be worth 25 cents sition. The stockman's average per pound, and a grain ration may hired help are not so considerate be purchased for one-tenth that of their charges as are the wives amount, that will be far more val- and daughters of the dairying peasantry.

THE CARE OF THE JERSEY.

PRIZE ESSAY, BY EDWIN F. MOORE.

KIND TREATMENT.

The education and forming of

character and development of the

constitution of the cow begins, as

does similar training in the whole

animal family, in infancy. Treat the calf with kindness; feed prop-

water, and shelter from cold rains

Treat the cow with gentleness

and winter's storms.

Nervousness and viciousness are engendered in the ill-treated cow and transmitted to her offspring. that creaming milk in the shallow, The more docile the cow the more are her energies likely to be devoted to the interests of the dairyman, and the stockman can not be too watchful of unreliable help, who may beat or otherwise frighten the cows or hurry them to or from the pasture. Likewise, quarreling in the herd is to be avoided as much as possible.

CLEANLINESS.

tor is the only machine that will ing the strainer, a portion is seen transformations. the skim milk. As the separator and the milkers careless, there is a view-not size, nor beauty of form, is too costly for use in a small decided "off" flavor to the entire neither quantity of milk nor quan-

affect the loss of milk constituents Every animal, either cow, horse, in cheese making, and, under sheep or swine, has a certain amount ordinary conditions, the volatile energy can be exerted in a single di- driven out at the temperature used rection to make a superior animal, in manufacture, so that the quality or it can be divided, a part exerted of the product would not necessarily in one direction and a part in be injured. On the other land, if

veloped for any length of time, panied by absorption of bacteria which will work such changes in of cheese making, there will result

wide difference in respect to their For centuries the farmers of the source and effects, and some general

> Hon. E. P. and Hon. H. R. Dewey, of Grand Blanc, have sent their wool to a Philadelphia commission

F. A. BAKER, Detroit. 69 Buhl Block.

Oakland Poultry Yards.

Eggs for hatching per 13, Barred Plymouth locks, Rose Comb White, and Single Comb brown Leghorns. \$1.00 to \$1.50, White Wyan-ottes and Light Brahmas, \$1.50, Mammoth Bronze

lottes and Light Branmas, \$1.30, manimuch Broize Carkeys, \$2.00 per six. My yards are all headed by high-scoring males, aens and pullets score 90 to 95. My stock has won premiums at all the principal shows in Michigan. JAMES MILLER, Jr., Beddow, Mich.

FOR SALE.

Three young Jersey Bulls, ranging in age from four months to one year old. All eligible to registry in A. J. C. C. registry. Also a registered Cheshire Boar.

COLBY STOCK FARM.

IRA A. VAN ORSDAL, QUINCY, MICH

Rambouillet Sheep, Galloway Cattle, and Percheron Horses. All stock pure bred and regis-tered. Two Percheron Stallions for sale at a bargain. Spring Rye for Seed. Address, L. F. HOAG, COLBY, MICH., or L. B. TOWNSEND, IONIA, MICH. M. H. WALWORTH · HILLSDALE, MICH BREEDER OF ESSEX, VICTORIA AND SUFFOLK SWINE OF THE BEST Also American Merino Sheep of choice quality SHROPSHIRE HALL STOCK FARM as now on sale 50 Registered yearling Rams. Registered yearling Ewes, also imported wes and Rams. 1893 importation to arrive in July. L. S. DUNHAM, Concord, Mich.

SHROPSHIRES FOR '93

Imported. Registered and Unregistered References: ex-Gov. Winans and C. S. Gregory, Banker, Dexter, Mich. Choice Yearling Ram and Ewe Lambs for sale forms reasonable. We pay half of freight or pross. VALENTINE BROS.,

P. O. DEXTER, MICH

JUNE 1, 1893

THE GRANGE VISITOR.



Postal Jottings.

Enclosed find postal order for subscriptions to GRANGE VISITOR that were gained through a contest. A great deal of latent talent was brought out, the very best was a representation of the demands of the tax gatherer would not nav it. "Unearned inspring, by a number of ladies dressed in white, presenting a boquet of flowers to the May queen, and the presentation of plied. What better evidence do rock of Mr. George's theory of old relics, some of 200 years old; one surveyor's book owned by the Hoig family that was used in Scotland, the oldest date being 1735; a pewter plate and cup that came over in the Mayflower; a spread that was 60 years old, and many articles ranging from 50 to 200 years old. Grangers go and do likewise, and you will see that it helps your Lecturer out wonder-fully. I know by experience. MRS. B. G. HOIG, Lecturer Morenci Grange.

WORTHY BROTHER-Penfield Grange No. 85. met April 18. By some it was understood that they would meet again in the A. M., and work again repairing the sheds, but through some misunder-standing but few were there. They had

their dinner and did what they could. When the hour approached for open-ing of the Grange as the brothers arrived they would fall to work. They were so interested in it they did not want to leave. The Worthy Master finding a quorum present of sisters, called to order, and held a good session of the Grange while the brothers were pounding away outside the gates. Still there is more work to do.

The cold rains make everything backward, yet there is a good outlook ahead, and we take heart and move onward. "AUNT JANE."

KALKASKA POMONA

met May 16 and 17, with Clearwater Grange No. 674, and were right royally entertained with the following program: "Does our Road Law need Change; if so, What?" L. L. Taylor. Road question discussed by A. E. Pal-mer War Compbell Charles Van Buren

Rosenberg and Robert Campbell. "Does the Present Political Position of Woman Exalt or Humiliate her?"

"Would Woman's voting be a National Benefit?" J. D. Gibson, C. W. Barnard and Sisters Wm. Campbell, A. E. Palmer and Van Buren.

"Why is so large a per cent of the Fe-male inmates of the Asylums for the In-sane Farmer's Wives?" Sisters Wm. and Robert Campbell.

"Which is most to be feared-Intem-perance, Anarchists or Cholera?" Sisters Amelia Taylor, Jane Sherwood, Luemma Campbell and A. E. Palmer:

"Our Gardens and What Have we

try. If there had been any reality in

at Traverse City, so near you, has not been doing its duty. But let us put these four men, and yourself which remain unoccupied. Road question discussed by A. E. Par-mer, Wm. Campbell, Charles Van Buren and C. W. Barnard. "Our fast Disappearing Forests, and what Shall take the Place of Them," George Carlisle. This question will be discussed by Messrs. Carroll, Wilcox, Personherer and Robert Campbell.

will sell you Mr. Underhill, for just dollars. with which queen Isabella what I paid for recording the deeds. aided Columbus in fitting out his The fact is, this thing called voyage of discovery had been Unearned increment" is a myth placed at interest, simple and com--it has no existence in fact. pound, down to this time, all the the demands of the tax gatherer would not pay it. "Unearned in-until the hand of toil is first ap-crement" is the foundation and bed we want on this subject than to single tax, and investigation proves Let us suppose for the sake of in this "unearned increment" argument that this country was through all these countless ages burned over, and buildings, fences, which they have been implements, and every thing in 'monarch of all they surveyed" in the shape of personal property they certainly must, ere this, have swept from the face of the earth, become a very rich people. The and then send out your tax gathonly reason why they have not erers. What kind of a time would possessed boundless wealth is they have picking up your "single simply because they did not earn it. tax?" How long would it take For countless thousands, and per- them to gather the amount required haps for millions of years they have to support this government for a been in the full possession of all single year? You ask me, Mr. the "increment" which this conti-nent produced. Now, please con-of land in the country, that people trast their accumulations with what rush and tumble over each other

the white race have built up in four hundred years. Now, Mr. Under-I will answer; in the language of hill, wherein consists the differ- the traditional old lady, it is beence? Does not any one see at a cause "the fools aint all dead yet." glance, it consists in the fact that It is a well known fact that fully the white man has toiled and saved, half of the lands of Oklahoma are while the Indian has been shiftless and worthless. You tell us, Mr. Pine lands, which starved out their Underhill, that you know of a great many "Henry George" men, and that you have "four of them with-that you have "four of them within two miles of you." If this be so I am sorry for them, and I have rea-son to fear that the insane asylum of Michigan are not all thus worth-

very rich out of the "unearned in- the Hon. Henry A. Robinson, tells crement" of these lands? You may the people that Michigan is not of woman Exact or Humiliate her? Discussed by James Greacen, A. E. Palmer and Sisters Amelia Taylor and Luemma Campbell. "Would Woman's voting be a National My experience in the improve-ment of these new countries, "All that I saw, and part of which I state is amply capable of support-

York, then I came to Genesee they have; and that is one of the county Michigan, where I spent very best reasons why the farmers 25 years of the hardest of toil, both should oppose single tax. They, of body and mind, and finally, like some others, would like to moving to the wilds of Tuscola crowd all the taxes onto the farmcounty, where over 30 years have ers, but the masses of the farmers been passed. I have learned how have too much sense to embrace

THIS WILL INTEREST YOU

IF YOU ARE THINKING OF BUYING



ur

Between the second provide th

We prepay the freight.

The Machine is shipped subject to your approval, and if not entirely satisfactory will be returned



Ingersoll's Liquid Rubber Paints

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Sample Color Cards, "Confidential" Grange Discounts, Est mates and full particulars MAILED FREE. Write at once.

3

Although we have sold a good many of the machines we have been offering and though they have given satisfaction, we believe that we are making a still better offer.

FOR

WE WILL SEND A MACHINE WELL NAMED THE COLUMBIAN

The Columbian is a strictly high grade sewing machine with all modern improvements. Superb mechanism, graceful design, hand-some finish, light running and noiseless. In fact, all the desirable features contained in other well-known modern style machines are found in the "Columbian." Improved and simplified by the best mechanical talent unfil it stands the peer of all other sewing machines on the market.

FULLY WARRANTED FOR TEN YEARS.

done with them? For ger sion.

The discussions will be interspersed with songs.

Open Grauge ... Wednesday morning. H. A. BARNARD.

Lecturer.

delusion. I have very little pa-tience to deal with this insane from the beginning, and by the through. theory, and feel guilty when I waste sweat of their faces they have valuable space in the columns of learned to eat their daily bread. the VISITOR on the subject. A theory that for purposes of taxa- you it is different in our great cittion would exempt all the accumu- ies; but that too is a delusion. lated wealth of the country, the Take the great city of New York, by combating so foolish a theory hundreds of millions of wealth in for instance. Go back to the days as this "Single Tax." the form of buildings, railroads, of old Hendrick Hudson. Charge ships and cargoes, merchandise, up the planting of the first settlebank stocks and bonds, and the ments-the toils, the privations thousand countless paraphernalia and the dangers; follow it down that enable the nabobs of the land through the days of old Peter Stuyto roll in luxury, and impose all vesant and Wouter VanTwiller, taxes upon naked land, is certainly to the period of its cityhood. not worth any sane man's consid- Charge up all the thousand and eration.

thousands, yea millions of dollars building; with all its railways, in attempting to raise a revenue schools and other public edifices, out of naked lands? Taxes would and add to these the accumulated be assessed and returned, and re- interest of all these past years, and assessed, and charged up with costs, you will find that the man who and finally to get rid of them would pays a thousand dollars a foot for be sold to the highest bidder; when land pays no more than it has cost. bring but fifty cents, and even at is no more "unearned increment" that the buyer got the worst of the bargain. I have a number of such titles myself, represented by very good looking state deeds, which I something near seven thousand bedded. Give the older lambs as much to room to run and play as practicable and let them have plenty of sunshine, but avoid having them lie on cold damp ground too much.—Orange Judd Farmer.

one items of taxes and incidental Do you not know, Mr. Underhill, expenses; the street building, har-that our state has lost hundreds of bor building, dredging, lighthouse

farms and homes are created. In that doctrine.

ever income the farmer may enjoy, that a good deal of personal prop-Open Grange in the evening; initiation it is the fruit of labor. Take from erty always escapes taxation; and this fair land of Genesee, where I the inference is drawn that because am now writing, the toil that has we cannot reach all personal prop-been bestowed upon it, and it will erty we farmers should imitate the A CLOSING ARGUMENT. Goodrich, May 10, 1893. MR. L. UNDERHILL, OLD MIS-SION, DEAR SIR—I had hoped that the "Single Tax" humbug was sleeping the sleep of death, until your personal address to me in the VISITOR of May 1 dispelled the delusion. I have very little pa-tience to deal with this insane theorem and fead with this insane theorem to for the beginning, and by the the sender state of the the same howling waste that the sender state of the desert by kneeling down to have the whole burden of taxation placed upon our backs. I will offer no arguments against so shallow a theory, it carries its own refutation with it. An honest and the greater part of it, but the fear of losing votes lets a good deal slip the sender or the the sender of the desert by kneeling the sender the sender and feat the curse of the desert by kneeling the sender the sender and feat the curse of the sender and feat the sender the s

And now, if the editor will condescend to publish this article in But the single tax men will tell full I am willing to promise to him and his readers that this shall be the last time I shall trouble them

ENOS GOODRICH.

If you are going to the World's fair look up our advertiser for accommoda-tions. Mrs. Blount is a Michigan Pa-tron and will be glad to entertain Mchigan Patrons. Write her for terms.

Harness.

You will notice on page 5 the adver-tisement of the Hand Made Harness Co., Stanton, Mich. They are reliable people, and refer to Hon. H. H. Hinds, of Stanton, member of executive commit-tee of State Grange. Write to them.

Weak lambs can often be saved by feeding them regularly for a few hours. Keep a supply of fresh milk on hand. Ventilate the barn but be very careful not to have a tax of fifty dollars would often It all represents value paid. There drafts of air strike the sheep, especially the bring but fifty cents, and even at is no more "unearned increment" young ones. Keep the pens clean and well that the buyer got the worst of the here than on the country farm. bedded. Give the older lambs as much

all this I have learned that what- It is urged by the single taxers IT IS WARRANTED FOR TEN YEARS.

Address, with the money.

GRANGE VISITOR, LANSING, MICH.

Farms in Isabella County



OSGOOD & THOMPSON, Binghamton, N.)

J. C. GOULD, Agt., Paw Paw, Mich.

any of the following papers and magazines? If so you can make money sending to us, thus getting the VISITOR for nothing in some cases, and in some instances you can get a first-class mag-azine and the VISITOR for less than the price of the magazine. Send cash with order.

DO YOU READ

AGRICULTURAL PAPERS.

•	Regu- lar	Price with
	price,	visitor.
merican Agriculturist	\$1.50	\$1.50
Dhio Farmer	1.00	1.35
Vestern Rural, with		
Market Review	2.25	2.25
Prairie Farmer	1.00	1.20
Breeders' Gazette	2.00	2.00
Country Gentleman (state		
if new)	2.50	2.50
Drange Judd Farmer	1.00	1.20
reen's Fruit Grower	50	75
The Farm Journal	50	70

MAGAZINES.

	Atlantic Monthly	4.00	3.70
	Cosmopolitan	3.00	3.00
	Harper's Monthly	4.00	3.50
2	" Bazar	4.00	3.70
	" Weekly	4.00	3,70
	" Young People	2.00	2.00
	North American Review_	5.00	4.50
1	Scribner's	3.00	3.00
	Century	4.00	4.00
	Review of Reviews	2.50	2.75
	The Forum	5.00	4.50
	Popular Science Monthly_	5.00	5.00
L	Scientific American	3.00	3.00
L	1		
L	MISCELLANEOUS	S.	
	Detroit Free Press, weekly	1.00	1.20
	Detroit Tribune "	1.00	1.00
	Grand Rapids Democrat		
	weekly	1.00	1.1
	Youth's Companion (new		
1	names)	1.75	1.7
	The Independent	3.00	3.0
2	The Christian Union	3.00	3.0
)	The Congregationalist		
	(Lansing)	1.50	1.5
)	The Moderator	1.50	1.5
•	New York Tribune	1.00	1.0
	Them I of a Thouse		



THE GRANGE VISITOR.

THE GRANGE VISITOR

Published on the 1st and 15th of every month.

Kenyon L. Butterfield, Editor and Manager, LANSING, MICH.,

To whom all exchanges, communications, adver tising business and subscriptions should be

Office, Room 19, 0ld State Building.

TERMS 50 Cents a Year, 25 Cents for Six Months. In Clubs of 20 or more 40 cents per year each. Subscriptions payable in advance, and discontinued at expiration, unless renewed.

Remittances should be by Registered Letter Ioney Order or Draft. Do not send stamps.

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Read what the master says.

Do you always mention the VISITOR when you write to advertisers?

Parents of girls who may be going to Chicago this summer should read "Advice to girls."

Of course you are busy, but don't neglect any good opportunity for gaining a new subscriber to the VISITOR.

Mortimer Whitehead, the eloquent lecturer of the National Grange, will speak at Bay View August 14.

If you contemplate going to the World's Fair, read a letter from Brother Farnum in this issue and also notice Sister Blount's advertisement on page eight.

Lovers of Jerseys will be pleased with the prize essays which will be found on page two. The article concerning the care of the Jersey should be read by everyone who keeps a cow.

Farmer's day at Bay View has been set for August 14. Make your plans to go if you possibly can do so. A nice trip, and not a very expensive one, is to go to go merely to see, merely to allay Bay View for this day, and take a boat to Chicago.

charge of Mrs. E. D. Nokes of expense. Especially the young Hillsdale county and the articles are should go. It will broaden them from ladies belonging to Granges wonderfully. They will be better in that county. The article last men and women for going. If issue by a brother, entitled "A they are healthy and not morbid, man's ideas," has evoked consider- they will love home more, and able comment evidently for we love the country more, because have already four replies. They they have seen the city. will appear in next issue.

THE STORY OF A BILL.

SUMMER WORK FOR THE

task in summer than in winter, in Men sank their civilization, their be, the place for him. Michigan many respects. Members are so education, their manhood, and act- has its normal school to educate increase of salary. With their busy they have less time for pre- ed the brute.

paration and to attend meetings.

that will refresh instead of burden, bed-side. that will relieve toil rather than

add to it, that will awaken, revive, please, rather than have the color of tasks.

DO YOU MISS YOUR PAPER?

not had any papers since he sub- aid in popularizing the college.

scribed. Most subscribers do not

italics in your memory: If you course should not be dropped; it what it was intended it should do. don't get your paper within ten is legal and useful. days after date of issue, drop us

a card stating the fact.

GOING TO THE FAIR.

Some, perhaps many, are saying, "I don't believe it will pay to go the fair." Of course there are some who either by reason of poor health, or absolute want of funds. can not go. But no one who possibly can get away for a week even, should think of missing it. One should not curiosity, or to ramble about aimlessly, but to study and learn. It

will be an education that can never The Woman's Work page was in elsewhere be obtained at so little

> THE CORUNNA LYNCHING. Everyone by this time has read

The men who are guilty of this They are harder worked, and murder no doubt regard themselves any additional task is a heavy as heroes. They should rather burden. So it would seem as if the slink from the sight of men and growers and florists. If a young legislature who were opposing the Lecturer, while not allowing en- bury the memory of their deed, man does not expect to follow bill, and endeavored to convince thusiasm or interest to lag, should praying that it may never rise, arrange programs that will have a ghost-like, to haunt them at the 'summer air" to them; programs banquet board nor at their dying

REPORT OF INVESTIGATING COMMITTEE ON AGRICULT-URAL COLLEGE.

The report made by this committee would carry more weight if Occasionally we get a card that it represented more thorough inreads something like this: I have vestigation. It is, however, writnot had my VISITOR for three or ten in a spirit of fairness and many four issues. Or there comes a of the suggestions made touch complaint that the subscriber has vital points and if followed would

The conclusions of the report realize how much work it is to are, briefly: 1. The college has keep the mailing list correctly and in the main been true to the legal how many chances of error there basis on which it was founded. are. We can not guarantee abso- The course is laid down by law, lute accruacy, but we will promise and has been followed carefully. immediate and careful attention to The agricultural course might be complaints. But don't wait three made a little more practical in or four months. Please pin these some ways. The mechanical abiding faith in its ability to do

> 2. The expenditures of money have been wise. The salaries are lege and the great industry it not extravagant and in most cases represents. there is work enough for each

professor and employé. 3. The college has been of very great service to farmers in value day, passed a bill raising the salarof experiments made on account of ies of the Justices of our Supreme the saving of many thousands of Court from \$5,000 a year to \$7,000, dollars to the farmers of Michi- and requiring them to live in gan.

4. The college lands should be bill passed at this session.

experimental work.

of these suggestions and hopes to salary. discuss these and other phases of the college work in the future. Enemies of the college will say that the report is whitewashed, but they have no reason for saying so at all.

the dead body received. It was of the deep earth, or if he wants more or less than a salary grab. ural college is not, or should not

> and it has its agricultural college to educate would-be farmers, fruitcollege is not the place for him to secure his education. If the college cannot be conducted successneedless burden to the tax-payers of the state, and should be abolished.

We believe, however, the agricultural college of Michigan has an important and distinctive work to do and can be made a success. The president should be a leader in the work, not a theorist. He should be a broad-minded, liberalspirited, educated, practical farmer. He should be a gentleman in the highest sense of the word. His hands need not be fitted to kid gloves every day, but he should be a man who can meet men and hold his own with any of them. There are such farmers in Michigan. The Herald is not writing in the interest of any individual. It has no one to name or suggest. It has always taken a deep interest in the agricultural college, and has an

We sincerely hope the appointment of president will be made solely in the interests of the col-

Lansing.

The wisdom of the increase is put under control of the board of debatable. We are not of those agriculture. This was done by a who believe that public servants should labor for nothing. Neither 5. The report concludes with do we believe in making a financial days and extra occasions that preseveral recommendations, among sinecure of official station. Public which are: Closer relations be- officers should receive enough so tween board and faculty; abolition that the very best talent can, irreof compulsory manual labor, except spective of its own accidental richwhen it is educational; more elec- es or poverty, occupy the positions. tive courses; a two years' course The question at issue always is, in connection with the four years' have we reached that point? Are from those who are looking on. course; gradual relinquishment of we getting the kind of men we dormitory system; more practical ought to have for the position, and if not, is the low salary the cause?

The VISITOR agrees with some If it is the cause, increase the raised concerning this measure. View Assembly, Agust 14. There was no complaint that the again urge all county and district present justices are not competent; nor was there any assertion that they were patriotically serving the State in rags while their families were begging bread. The following editorial in the There seems to have been no trouble to secure good men at the cover such a crime, laws which the our own views, and appears to be complaint on the part of the justices that they have more work than they can do; and in the present session various schemes were brought forward for their relief. One proposed to increase the number of judges; that was frowned on by the present justices as unnecessary. "What can we do then to help you out?" asked the legislature. "Why, give us \$7,000 a year; we will then come to Lansing and can easily keep up with our work." Now we should like to ask what in the name of common sense they were elected for if it was not to do their work faithfully. Their action is a confession that they have not done their duty. And what guarantee of better performance does a Lansing residence imply? And This phase is the most serious acre of land. This is the pricompel a public official to change his residence.

JUNE 1, 1893.

cuffed and kicked about, dragged the highest degree of literary But worse than this, the justices Lecturers have a much harder in the mire, hooted and jeered. culture and learning, the agricult-themselves personally lobbied for the bill that was to give the would-be teachers, its university public business, already behind, educate would-be lawyers, awaiting their pleasure, they sat in doctors and gentlemen of leisure, their room at the capitol and called before them members of the some calling akin to farming this them of the error of their ways. At their own instance, directly or indirectly, letters and telegrams fully on the lines laid out for it, were sent to attorneys in all parts then it fails of its mission and is a of the State. As a result members opposed to the bill began to get telegrams signed by attorneys chiefly, asking them to vote for the bill; and on the day the bill was brought up for passage in the House a strong lobby of attorneys was on the floor. It is humiliating to write these words, but we have them directly from an honorable and influential member of the legislature and they are true.

It is discouraging to urge a higher and better political life when the ermine itself stoops thus. It is common political stock in trade to hold up to public view the shortcomings and misdoings of legislators; it is no uncommon thing to disclose nepotism and dishonesty in departmental officers of state, but it is fortunately rare that a state is made ashamed of its highest bench. When that does occur well may the patriotic citizen dispairingly paraphrase the dying Cæsar's cry and exclaim, "And thou too, Justice!"

FROM THE MASTER.

Of all the various plans and methods adopted for calling out the membership and sustaining the attendance at Grange meetings, there is none so wholly within the easy grasp of the workers as the fixed purpose of observing, in appropriate Grange form the various holisent themselves during each year. A half dozen special occasions observed with extra and thorough preparation will keep every worker enthusiastic and every half dormant and careless member will be held in line. In this way the Grange will also attract closer attention

AUGUST PICNICS.

Bro. Mortimer Whitehead, National Grange Lecturer, will come into the State about August 14. He is billed to speak on But this vital question was not ion of "Farmers' Day," at Bay Granges that contemplate or can arrange for large audiences, to write meat once. Brother Whitehead can stay ten days in Michigan if enough localities desire to hear him. You should not fail to bring the matter before your county Granges, and take immediate action. GEO. B. HORTON.

AND THOU TOO, JUSTICE! The legislature on its closing

to publish an article written by murderer Sullivan, and most news-Hon. A. E. Ewing on the methods papers and their readers have of work in the legislature. It is expressed their opinions. a thorough explanation of the history of a bill which is to become a law, and should be read by every agree that no punishment which boy and girl in the family as well as by the older ones. Representa- crime he committed. He murdertive Ewing is one of the strong men of the present house.

FIGHTING THE TRUSTS.

the national harrow trust. Under certain punishment. Our own entire. the "Sherman law" any such trust national constitution, itself the or combination is declared to be product of blood, guarantees to illegal. The Whipple people have every person that he "shall not be a big job on hand but they have deprived of life, liberty or properthe sympathies of all our farmers. It is said that the Farmers' Alliance proposes to aid them in some states. Can the Grange be of any service in fighting trusts?

ATTEMPTED LIQUOR LEGISLA TION.

The liquor bill which finally failed of passage in the House, provided that saloon keepers could men, sober, loyal citizens usually, as much a trade or business as obtain bondsmen in the county in- have broken the law of their state carpentering or selling dry goods stead of in the township or city in and have made themselves traitors or groceries. It is of greatest which the saloon is located, as now. It was fought by the temperance they have no excuse to offer in economical methods of getting the men of the House and was defeated palliation of their crime.

by being re-referred to the committee. But there came very near be- perhaps, because there is a lamen- mary object of the agricultural ing a piece of retrograde liquor table tendency on the part of many legislation perpetrated upon our to lightly regard law. But the and legislation perpetrated upon our to lightly regard law. But the sad- or a lawyer, or a minister, or if he State.

We are fortunate in being able the details of the lynching of the

All think alike as to the fiendishness of the man Sullivan. All man can mete would expiate the ed a fellow being, brutally, without

ty, without due process of law." But in the instance here discussed men of good repute presumably, deliberately, without trial or legal

the law justify that? Does the

dest aspect is the treatment that wants to know more of the stars or bad enough. It meant nothing farm life.

MORE CONCERNING THE COL-LEGE.

cause or shadow of excuse. Under Grand Traverse Herald contains our government there are laws that so much that is in harmony with old salary. True, there has been The Whipple Harrow Co., of St. people themselves have made and written in such a broad and intel-Johns, Michigan, proposes to fight under which they have prescribed ligent spirit, that we quote it

The president of the agricultural college of Michigan having resigned, the selection of his successor becomes an important and responsible duty. It is a peculiar and trying position. Unlike most colleges it has a special mission. It is a mistake to attempt to make of it a university. It was organized for a special purpose and the procedure, murdered a fellow object of its projectors should not being. Their excuse is that he be lost sight of. It was intended himself was a murderer. But does to aid in the higher development of the most important branch of business in which the American constitution permit that? These people are engaged. Farming is to the national constitution. And importruce that the farmer be educated to the best and most

THE PRESIDENCY OF THE AGRI-CULTURAL COLLEGE.

A Pointer.

At a meeting of Washtenaw Pomona Grange held with Superior Grange May 25, the present status of the Agricultural College and its relation to the farming interests of the state, was discussed at some length, and the following resolution was unanimously adopted:

We, members of Washtenaw Pomona Grange in council assembled, while declaring our belief in the practical utility of an agricultural college maintained for the "benefit of agriculture and the me-chanic arts," believe that at the present critical juncture in the history of the Agricultural College, that it is an im-perative duty incumbent upon the State Board of Agriculture in choosing a new president to exercise the utmost precau-tion in making their selection. That a man not only of broad, general culture, is known to be but above all one who thoroughly identified and in hearty sym-pathy with the agricultural class. And by way of parenthesis, we should we further believe and reiterate that no one, be he teacher, lawyer or congress-man, political wire puller or any other person, should be called to be president of the college, unless beyond question he is known to be, by past record and present standing, a man who is in full This attitude of the justices was accord and genuine sympathy with all farming interests, and in vital touch with

Lecturers of Pomona and Subordinate Granges will confer a favor, by sending their P. O. ad-dresses to me, that I may be able to send to them direct when desired. *Tpsilantt, Mich.* A. J. CROSBY, JR.

CAPITOL GRANGE NO. 540.

Program-First Quarter, 1893.

January 14, "Good of the Order." January 21, "The World's Fair." Papers and discussion of Sunday Opening. Con-

ferring of first degree. January 28, "Woman's Work." Con

ferring second degree. February 3-4, "Farmers' Institute." February 11, "Legislative Night." Con-

February 11, "Legislative Fight. Conferring third degree.
February 18, "Conferring Fourth Degree," Feast, Toasts.
February 25, "College Night."
March 4, "Inaugural Evening."
March 11, "Immigration." Debate.
March 18, "Sowing the Seed."
March 25, "The Little Red Schoolhouse."

house.

Capitol Grange has two Lectur-Lecturers affirm that it works first of the committee of the whole rate, and no one else complains. returns to his seat and reports to The programs for each evening are the president the proceedings of read the two preceding meetings the committee. and the participants are also noti- 21. PLACED ON ORDER OF THIRD READfied by postal card two weeks in advance. Those notified must pay a fine of ten cents if they do not announces that the bill will be respond to the exercise, unless they placed on the order of "third readhave good excuse and give notice to the Lecturer.

A BILL AND HOW IT BECOMES A LAW.

Continued from page 1.

house. In the senate it takes at least seventeen as there are thirty-two members there. When the man homode broad amendments was done the south lagoon is called. It is the one hundred members in the the senate in full, just as was done two members there. When the may be made by a two-thirds vote. adorned with noble sculptured woman suffrage vote was taken in This is the sixth time our bill has groups of cattle and horses and the House it stood 38 for, and 39 been subject to amendments and if against. A great many thought it there be a weak place in the bill, only lacked one vote of passing, it will have been discovered by this while as a matter of fact it would time. have required at least 13 more to reach the necessary 51.

Members are not required to vote either way unless they wish to, and frequently refrain from voting. When a vote is taken the clerk makes a count and announces so many for, and so many against. If the bill receives the requisite 51 votes or more the speaker announces it this way:"A majority of all the members elect having voted for the bill, the bill is passed." But it has only passed the house and its course may be less than half run; but the bill that can survive to this stage may hope yet to become a law.

13. TRANSMITTED TO SENATE.

The next thing is for the clerk to send a messenger boy with the bill to the senate, where it is de-livered to the secretary of the called, the members vote on con-curring in the amendment just as senate. It is first brought to the they would on a new bill. attention of the senators by coming up under the order of "mes-sages from the house." With the bill comes a statement from the clerk of the house that the bill has passed the house and that the "concurrence of the senate is respectfully asked.' 14. FIRST AND SECOND READING OF BILLS IN SENATE.

which is better. 19. CONSIDERATION BY COMMITTEE OF

THE WHOLE IN SENATE. When the senate arrives at the

order of "general order of the day" they go into committee of the whole. The president of the senate calls some senator to the chair just as was done in the house and the consideration proceeds. Debate follows and the bill may receive such further mutilation that the house will not recognize it when it is returned, and may be it will pass the senate without any change

whatever. 20. REPORT OF COMMITTEE OF THE WHOLE.

The committee rises and reports back to the senate in a similar manner as was done in the house. The president of the senate again ers, a brother and a sister. The takes the chair while the chairman

The president of the senate next ing" just as the speaker did in the house, and the secretary places the ducts that feed the world. The he is charged a quarter or a half bill with other bills on that order.

22. THIRD READING IN SENATE. The next appearance of the bill is when it comes up under the order of "third reading of bills." one, that being a majority of one of Here it is read by the secretary of

23. PLACED ON PASSAGE IN SENATE.

The secretary of the senate then calls the roll of members and if the bill receives the necessary 17 votes, it has passed another very critical period of its course. But it is by no means a law yet.

24. RETURN TO THE HOUSE.

The bill must here be returned again to the house with a statement from the secretary of the senate that the bill has passed the senate, also what, if any, amendments were made by the senate. 25. CONCURRENCE BY HOUSE.

If any amendments were made house and the clerk brings it up

to think that the common public ing study.

Lansing.

FROM THE WHITE CITY.

My pencil lingers long over my World's Fair letter today, at a loss to decide what will most interest VISITOR readers. Will they wish the inside or the outside of the buildings?

Let me be true to the most honorable calling and say that nowhere has more ingenuity been displayed than in the exhibits of agriculture, fair but, returning home the queswith striking results and usually kaleidoscopic effects are produced to rob us?" So far as I could in agricultural hall and some of learn, no; not unless one invites the state buildings by the use of robbery and hangs out his jewels, our common grains. Iowa is unfurls his roll of bills in public, notably elaborate in this respect. Agricultural hall, or the "Palace of Agriculture," has a fascinating

larly happy in associating the ideals that stand back of every accomplishment, with the practical exhibits here shown. Rows of Corrinthian columns 50 feet high and five feet in diameter line its front, Zodiac," "Abundance," the "Ceres," " The Four Seasons" and 'The Nations." On the central dome lightly poises a graceful statue of Diana swung by every breath of air and looking fairy like enough to be borne away by an extra puff. It was brought from Madison Square Garden, New York, and when its delicate finishing to this beautiful hall has grown dear to one it is difficult to realize it measures eighteen feet in

judges will soon be here from in the senate, the bill with such J. J. Woodman is bringing Michiamendments is returned to the gan pavilion to the front in practical demonstration of cereal capabilities, and Brother David Woodwin their customary homage of curring in the amendment just as approval. Michigan's location is

directly against the best interests pavilions of foreign nations in cago should, three days prior to of the State by inciting hasty leg- manufacturers' building I oftenest leaving home, address the head islation. In law making "make haste slowly." islation is a stopped before the Swiss wood agent, Miss Anson, 5830 Rosalie carving, jewelery and photography; Court, Jackson Park. State the Austria's fairyland of glassware, exact date and time of starting, as into which my steps turned well as the railroad they will come repeatedly as if drawn by magnets; over. and England's china and woven goods, resplendent with color and suggested royalty. France promwhen last seen, and at Italy's protect them from imposition. ramble in fancy among foreign sights and products? Will they palpitate with breath, I peeped entrance not yet open to the public.

It seems needless to again mention unwarranted charges at the tion by word and by letter awaits an The most answer: "Are Chicagoans bound

> elsewhere, that one is quite likely to find what he takes with him. JENNIE BUELL.

BAY VIEW.

The detailed Assembly programs Flint, Mich. The April Bay View this summer.

Chaplain McCabe, Anthony Comstock, Mr. H. H. Ragan, Leon H. Of the exhibits inside I do not feel competent to express an enjinion so incomplete ware many ted lectures and musical features of them and so much more able promise finely and every child lover must rejoice that the author among our own members. Brother J. J. Woodman is bringing Michi-"Christmas Carol," Mrs. Kate Duglass Wiggin, is to be present.

Our own people will be most interested in the Aug. 14 prothe senate." When the roll is man's "grain family" even here gram when the Lecturer of the central and patrons will inquire speak. It should make "Farmers' 26. ENROLLMENT, The speaker then announces that the way from here through the annex over to stock pavilion to the bill will be referred to the visit the Neticel Converted to the visit of the content of the conten

The Lecture Field. immediate passage. But they legislation. Good laws require deliberation re- "fishy" decorations of the whole tously direct as well as aid in findquires time, and I am inclined building make a unique and charm- ing the friends or shelter sought by women or girls traveling alone. Among the growing and huge Young girls proposing to visit Chi-

The sole desire of The Young Women's Christian Association of Chicago is to aid young self-supised gorgeous and splendid things porting girls and women, and to

Respectfully, MRS. LEANDER STONE, President. MRS. A. S. CHAMBERLAIN, Secretary.

WESTERN POMONA.

Western Pomona Grange No. 19, met with Trent Grange May 25th and 26th. with Trent Grange May 25th and 26th. After the usual openings for such meet-ings, the first subject on the program, "Does the responsibility of the child's education depend more on the mother than on the father," was introduced by the reading of a paper by Mrs. Stauffer. All fathers that are inclined to shirk this remombility should have been there. responsibility, should have been there. Mothers were edified on this point also. Agricultural hall, or the "Palace of Agriculture," has a fascinating beauty of exterior as is proper for a building that contains the pro-ducts that feed the world. The architectural features are particu-larly happy in associating the generally conceded to be the best for corn and the cultivation to commence before it and the cultivation to commence before it was fairly up, to continue through the whole season, until corn commenced to harden. Shallow cultivation was thought best and to plant the corn from the whole ear, one part being just as good as the other. We had expected an essay from Tom J. G. Bolt, both were absent. "The and all information about the Uni-versity courses and work for 1893, together with full particulars about Bay View pas-enger rates, etc is ready. Persons There were those present who said that desiring the circulars and any information about Bay View, will receive prompt reply by address-receive prompt reply by addressing John M. Hall, Superintendent, The April Bay View by Mrs. George Price. There was a great by Mrs. George Price. There was a great by Mrs. George Price. difference in opinions on this subject. periodical contains many glimpses of rich feasts in store for all who can visit Michigan's famous resort a success. Music and recitations were given through the meeting, and if we could have had the making of the weathstock, Mr. H. H. Ragan, Leon H. er, we should have had a larger crowd. Vincent, are among familiar names As it was the attendance was very small,

IF YOU GO TO THE FAIR.

EDITOR GRANGE VISITOR—With your permission I would like to call the atten-tion of the readers of the VISITOR to a matter that I think will be of interest to them. I presume that most of the Pat-rons in the state expect to visit the great gram when the Lecturer of the state expect to visit the great National Grange, Hon. Mortimer Whitehead of Washington, will speak. It should make "Farmers' pleasant and profitable for all of us to

i o ns of the country are adopting this plan. At the suggestion of myself and others Mr. R. O. Dunning has established

retary of the senate a first and must be done with the utmost second time by its title, only just as it was in the house.

15. REFERENCE TO COMMITTEE.

The president of the senate then refers the bill to its appropriate standing committee, just as was done in the house.

TEE.

At some convenient time, the Senate committee takes the bill into consideration and again the enemies if it has any. The same to be now called a law, but the battle of words and argument may governor has power to kill it even house committee. Amendments is not disposed to exercise such or other changes are attempted authority except in very extreme and often adopted by the senate cases, and the great majority of the committee. This is another im-portant step in the history of our are sure of being approved by the bill.

17. REPORT OF SENATE COMMITTEE.

"the bill will be referred to the visit the National Gran committee on engrossment and en- quarters where familiar faces and it will be well to bear Bay View in rollment. This committee take

the bill in charge and supervise its enrollment. They employ of a specialist when visiting the several clerks who carefully re-

one bill if it is a very long one. 27. REPORT OF COMMITTEE ON ENROLL-MENT.

on engrossment and enrollment reports to the house that such an 16. CONSIDERATION BY SENATE COMMIT- act has been correctly enrolled,

ernor. 28. SENT TO GOVERNOR.

It would seem that our bill has seen grief enough to be permitted

29. REPORT OF GOVERNOR.

names are sure soon to be found. We wished for the companionship

various exhibits, for a miner in write on heavy paper the entire mining building, an artist in art bill word for word. The work gallery, a machinist in machinery, and a round the world traveler in for the presence of Brother Wood-man in agricultural hall and that Brother and Sister Hinds are at the dairy school, but covet, in addition, one trip through horticare and skill and it may require manufacturers' building; are glad a clerk several days to engross for the presence of Brother Wood-The chairman of the committee addition, one trip through horti- girls depending upon their own recultural hall with a Professor Beal. visit machinery hall, the govern-ment building and the full sized model man of war with a boy, and a better guide perhaps I might have hunted for long and found none. He saw more and could tell more of the great Allis engine, the signed and presented to the gov- ment building and the full sized war cannon, battle guns, model ships, army equipments and Indian exhibits than I should have because the should have are given as landmarks of safety to young, respectable girls who need more of the great Allis engine, the

JENNIE BUELL.

ADVICE TO GIRLS.

OFFICE OF THE YOUNG WOMEN'S CHRISTIAN ASSOCIATION, ROOM 61, 243 WABASH AVENUE, KIMBALL HALL, Chicago, May 1, 1893.

ddition, one trip through horti-ultural hall with a Professor Beal. It was my fortune, however, to isit machinery hall, the govern-isit machinery hall, the governlearned alone in months. The lad who has poured in wrapt silence over his "Injun stories," his naval fights and histories of our can direct to suitable lodeing. fights and histories, ins havar with their innited capacity, if fun, country's progress will find in government building endless in-structive sights. The contents of time Association is the Travelers' structive sights. The contents of tian Association is the Travelers' agreed to the form of the bill the chairman at some following session of the senate makes his report to that effect the same as was done in the house. the Secretary of State, house bill and interior department; the trains, to aid women traveling alone The president of the senate then announces that the bill is referred to the committee of the whole and there are many difficulties not is constantly subjected. Let no to suspend all rules conflicting therewith and place the bill on its distribution to the State in hurrying therewith and place the bill on its distribution. The state in hurrying therewith and place the bill on its distribution to the state in hurrying therewith and place the bill on its distribution. The state in hurrying the state in h south half to the postoffice, in making changes, or direct them

a headquarters for the use of Michigan Patrons, our county grange contracted to make it our headquarters. Any Pat-ron in the state with his or her friends ron in the state with his or her rhends can secure quarters there by making ap-plication. Mr. Dunning's prices are very low compared with those of other houses of the same kind being from 50 to 75 cts. for each person per day. The building is located on the corner of 93d street and Section groups South Chicago. There

past fifteen years and consider him thor-oughly reliable. I will say further that Patrons can buy their tickets to Benton Harbor and take fare with us. Our rates

HOW'S THIS?

We offer One Hundred Dollars Reward for any case of Catarrh that cannot be cured by Hall's Catarrh Gure. F. J. CHENEY & CO., Props. Toledo, O.

We the undersigned, have known F. J. Cheney for the last 15 years and believe him perfectly honorable in all business transactions and financially able to carry

THE GRANGE VISITOR.

Woman's Work.

THE DREAM.

Just listen awhile let me tell you my dream-A dream that seemed more like a vision; So life-like and real did everything seem, Now pray do not laugh in derision. THE VISITOR, a paper got up for the Grange, That evening had kept me quite busy; I thought I would go to sleep for a change, I had read till my head became dizzy.

My arm for a pillow, I soon fell asleep, My head bending low on the table; The goat trotted out, I jumped on his back, Now really, I'm telling no fable. For so it all seemed in my wonderful dream, The goat going faster and faster; I said to myself, I nøyer will scream, Though fearing some dreadful disaster.

I clung to the halter with all of my might, And truly that goat was a ranger; I wondered how many hours I must ride, Before they would call me a Granger. I fell from his back and my troubles begun, Such trials as happened soon after; As round in a circle, O how I did run, While the Grangers all shouted with laughter.

I seemed for my life to be running a race, The goat I heard coming behind me; I thought to myself I must give up the chose, And hide where the goat cannot find me. I then turned about and ran into the crowd, With heart beating faster and faster; I could hear myself breathing heavy and loud, Till I came to the good. "Worthy Master."

How strange, when we dream, we always awake Before it has come to conclusion: Mixing everything up, in a wonderful way, And filling our minds with confusion. Just then I awoke, how strange it did seem, The goat must have fled to his manger; I said to myself, in spite of my dream, I wish I were *really a Granger*. -N. C. J. -N. C. J.

SUGGESTIONS.

The lapse of time is swiftly bringing the season near when we all hope for fruit in plenty. Perseverance and science have advanced horticulture till we are fain to believe with the Quaker poet that

"Our homestead flowers and fruited trees, May Eden's orchards shame."

healthful to the body. Modern for the housewife to supply appetizing relishes, dainty desserts, exquisite sauces and flavors for the table all seasons of the year.

We remember our first experience in fruit canning began as an When hot drop in the fruit, cook- upon which all kinds of small fruits experiment, sometimes resulting in ing as little as possible, but always do well. It is protected from the discouraging failure, and when suc- be sure to have it thoroughly west by an apple orchard, from the more, and completely air tight until they can be easily pierced year that there were no peaches. cans.

Strawberries, first of the first move hulls while in water; this re- be kept later. This can easily be none. Every spring there are a does not soften as much as washover. main till next morning, pour off tightly, immerse in a pail of cold The sod around peach trees the juice, heat to boiling, skim, water, allowing it to remain until should not be disturbed as the full of berries, cook the juice ten as fresh as in May. Also it is very very exhaustive to the tree and nice stewed; putting in a little stick they need fertilizing. shape and delicate flavor. gently now and then, and adding past. sugar at the same time. When full turn in cold water within an inch of the top. Raspberries, cur-using the parings and cores for rants, whortleberries, we prepare jelly. in the same way. Screw on covers this work, can do a dozen quarts at sugar to a pound of pulp, stir con-a time. Place the cans in steamer, stantly while cooking. let the water be just warm to commence; put on cover of steamer;

by expressing the juice of one-third "The care of fruit." of the fruit and the boiling should nearly all be done before adding the sugar and jellies the same.

A word to the brothers. Grow fruit in plenty and save doctor's bills and anxiety. Sisters, can fruit juices to flavor pudding sauces, leave out wine and brandy and thus help the temperance work. HETTIE HOMESPUN.

Hillsdale Co.

CARE OF FRUIT.

said on this subject except what is the only food which that wise ping the growth and throwing the every housekeeper must already provider has furnished to man be familiar with. However, if my ready for his immediate use. By thirty year's experience, with some this we are admonished to use it success and many failures, will unsparingly. If all would heed benefit any one in the least, will the injunction placed upon us "to gladly comply.

The days of drying and preserving, so fruit can be kept-the "year round," are things of the past, the farm, no matter how small, would art of canning having taken the have its small fruit garden, as it preference, as it allows us to se- should have. cure so much better supply, and with much less expense.

essential point. As they are emp- they have no taste for it and do not tied the rubbers should be re- try to inform themselves as to the moved, and unless nearly new, requirements necessary to successthrown away, as there is no econ-omy in using those which are they would find gives better redoubtful. After being washed and turns for labor and money invested thoroughly dried the cover should than any other crop, except it may culinary methods make it possible filling wet a coarse towel with cold must sow. water, placing under the can. Many think soil is all important. This will prevent breaking, making I feel sure that proper planting water, placing under the can. much easier to handle.

the sugar and juice if possible. my mind a garden of about an acre with a fork.

fruits; pick before they are soft, the season, is so fresh and welcome, for the little care we gave them, turn cold water over them and re- one is often found wishing it could especially when those about us had moves any sand that may adhere and done by gathering when in its few new trees set out. The roots prime; do not wait until it becomes and soil about them are well wet, ing. Sprinkle granulated sugar tough. Peel and cut into small covering with some coarse litter to a pint to two quarts, let re- pieces; fill the can, pressing in very hold the moisture. turn on fruit. Second morning all the air bubbles have escaped. roots come very near the surface,

MRS. E. M. BROWN. Hillsdale Co.

FRUIT TREES.

"If you eat a ripe apple before going to bed, The doctor then will beg his bread," lost none of its truth, and will apply to other fruits as well.

provider has furnished to man strength into the fruit. let no year pass without planting a tree or vine,"—not one but many -it would not be long until every

Farmers, as a rule, do not seem that which is far more healthful to think they have time to as they term it, "putter with such small stuff," when the facts are be put on loosely; never put the be the vegetable garden, if not in May Eden's orchards shame." be put on loosely; never put the be the vegetable garden, if not in up in the old fashioned way of rubber inside, then there will be dollars and cents, in real home boiling in a pan. the eye, delicious to the taste, no musty odor when the hurry-healthful to the body. Modern ing time comes. At the time of thing else, "if we would reap we

> and after care have more to do In cooking fruit make a syrup of with success than soil. I have in The off year there were but few, As pie plant is the very first of yet we thought that a good return

pour off juice, let boil ten minutes, Before removing from the water but should we well covered in the put in berries and cook fifteen min- put the cover on securely, and you fall or early spring with coarse utes slowly. Fill cans two thirds can have pie plant the entire year stable manure. Fruit bearing is

Treated thus the berries keep their cinnamon for flavoring greatly imthis world is hard enough. She night. Then make them as you would green apple pie. They can travels a path of endurance and hape and delicate flavor. Cherries we prefer to cook in the in the usual way, and is very ac-rewarded by a plenty of the lusbe used in any way that you can use a sun dried apple and are far so heavily afflicted, is an entire cans, dropping them in the cans ceptable during the year when cious fruit from the middle of Auas they are pitted, shaking them fruit is scarce as has been in the gust until late in October, besides ahead of them. having many for the market in a MRS. C. H. OAKES. Quinces are better used with one-alf their quantity of sweet apples, If we will but plant and care for Hillsdale Co. WILL IT BE WORTH WHILE TO them we can have an abundance of GO TO CHICAGO? fresh fruit, on our table commenin the same way. Screw on covers lightly without rubbers, and heat by steam. Have found a double in the same way. Screw on covers in the same marmalade of plums, by steam. Have found a double in the same way. Screw on covers in the strawberry in the inddle of June, until Christmas, finishing with the late pear and lightly with the late pear and lightly with the late pear and lightly be a strawberry in the in the strawberry in the strawberry in the in the strawberry in the strawberry in the strawberry in the in the strawberry in the strawberry in the strawberry in the in the strawberry i thought it a mark of personal or The grape I think the most easily local superiority to affect indiffergrown of all fruits. It will grow ence about this World's Fair. Jelly is much better if all the any place if once given a good There are a few people of high injuice is allowed to drip than if start. I wish to speak of two vines telligence and of excellent sense twenty minutes after the water boils squeezed out in the usual way. Add of the Isriella variety. Twelve who really feel no particular inter-remove cover, take out cans, see a pint of juice to one pound of years ago this spring I found in est. The first class is not deserving ing. Some make a business of school work. When a lesson is to be learned, or work. When a lesson is to be learned, or that they are full, wipe dry and sugar, allowing it to boil twenty the garden of which I speak, a vine of attention. As for the second seal. Pears cannot be done the minutes; put into dishes letting it that must have been set a number class it is merely a case of preoccusame way as they require long stand two or three days until per-cooking and no fruit is more im-proved by having a liberal quan-fill each dish with a layer of granulated sugar, setting away in a cool, set and some boards nailed on them. they will atone for their earlier The vine was fastened to the frame lack of interest by the high degree by using leather straps. Besides of their subsequent enthusiasm. nd place or left out altogether by ing. The canning of tomatoes is a control or the frame it was given the liberty is many. Cherries, peaches or currants source of anxiety to many. I have the frame it was not slow to take the hint and of our readers living farther east, will take up a book and look at the lesson of our readers living farther east, will take up a book and look at the lesson of our readers living farther east, will take up a book and look at the lesson of our readers living farther east, will take up a book and look at the lesson of our readers living farther east, will take up a book and look at the lesson of our readers living farther east, will take up a book and look at the lesson of our readers living farther east, will take up a book and look at the lesson of our readers living farther east, will take up a book and look at the lesson of our readers living farther east, will take up a book and look at the lesson of our readers living farther east, will take up a book and look at the lesson of our readers living farther east, and in a far minutes throw the book east look and look at the lesson of our readers living farther east, and in a far minutes throw the book east look and look at the lesson of our readers living farther east, and in a far minutes throw the book east look and look at the lesson of our readers living farther east, and in a far minutes throw the book east look and look at the lesson of our readers living farther east, and in a far minutes throw the book east look and look at the look east look and look at the lesson and in a farther east look and look at the look east look and look at the look east look and look at the look east look and look east look east look and look east dried, after being sprinkled with found by experience that those went there. The frame and tree let us say, than Ohio, who must and in a few minutes throw the book aside sugar, we think vastly superior to dates, prunes and other fruits of commerce that come from cholera when canned. There is a variety or plague smitten countries. Fruit tablets or bon-bons are much sought after, why not have them? Sweet apples, pears, plums, and peaches, cooked in a syrup till clear. left in the syrup twenty-four and peaches, cooked in a syrup till clear, left in the syrup twenty-four hours, spread on plates and dried slowly by the fire are equal to the best imported. Neither are plain dried fruits to be dispised, even to apples, by which we do not mean "sulphured evaporated." But all dried fruit should be cooked long

MRS. J. BOWDITCH. Hillsdale Co.

CANNING FRUIT.

The first and most important feature of canning fruit is to select that which is nice, and not overripe. I think all fruit should be sweetened ready for the table before canning, as it retains more of the original flavor than if put up without sugar.

My method of canning for tomatoes is to bake them instead of boiling. Select nice ripe ones, peel, halve them, place in a dripper, without any water, sprinkle generously with salt, put in the oven and bake until thoroughly cooked, then can. I think they retain a much nicer flavor than when put

I think pie plant canned in cold water is very nice for winter use. We should also have a good supply of preserves, spice cherries, etc., to fill in with canned fruits.

MRS. G. S. OAKES. Hillsdale Co.

EVAPORATED APPLES.

discouraging failure, and when suc-cessful the pleasure offset the work and former disappointment tenfold. To insure perfect success several things are necessary: First, ripe, if if it is the pleasure of the eye as well as the taste. With things are necessary: First, ripe, if if it is the pleasure of the eye as well as the taste. With things are necessary: First, ripe, if is the pleasure of the eye as well as the taste. With things are necessary: First, ripe, if is the pleasure of the eye as well as the taste. With the pleasure of the eye as well as the taste. With the pleasure of the eye as well as the taste. With the pleasure of the eye as well as the taste. With the pleasure of the eye as well as the taste. With the pleasure of the eye as well as the taste. With the pleasure of the eye as well as the taste. With the pleasure of the eye as well as the taste. With the pleasure of the eye as well as the taste. With the pleasure of the eye as well as the taste. With the planet eye as the pleasure of the eye as well as the taste. With the planet eye as the planet eye as the taste eye as the taste eye as the planet eye as the taste eye as the taste eye as the planet eye as the taste eye as the taste eye as the eye as the taste eye as the taste eye as the eye as How little we appreciate the apnot soft fruit, careful handling, por- solid fruit like peaches and pears, soil, the same varieties ripening in quality, small and tasteless. celain or granite to cook in, the the syrup necessarily has to be earlier on the sand. In the past The richness does not seem to be requisite amount of heat and no made of water and these cooked ten years there has been but one in them. I think the people of in them. I think the people of southern Michigan will appreciate the apple more when we have a crop of well matured apples. Of course our evaporated apples will not be as good, but they are far ahead of the old-fashioned dried apples to let me be the judge, and not as much work to prepare them for use. The flavor is all in them when they are evaporated. They are cooked during the process. To Take what you will need, first cutting out the bad spots if any, then wash them thoroughly, put in a dish, pour plenty of cold water days out of every year. The good on them and let them stand over Lord knows that woman's life in

and steadily, not quickly stewed. Since following the above rules before we felt well paid for our toil, Chicago or in that vicinity. The Fruit jams are much improved have had the best of success in for it grew to exceed anything we opportunities for advantageous had ever expected. The shade it study will be almost limitless. Our affords the entire porch is a joy, its industrial arts and our art industbeauty is much admired, and the ries will find a new birth in this rich purple fruit that these two Fair. Fine arts will obtain a powervines never fail to yield in immense ful impetus. Our educational quantities is a luxury and a bless- methods will be reformed by it. ing. But bear in mind that the The whole world will be brought is a very ancient maxim that has grape, unlike the peach, must have nearer together. The cause of the ground covering the roots en-peace among the nations will be protirely free from grass or weeds, moted. The world's religions will Fruit as a diet should be consid- and the more it is worked and have renounced somewhat of their ered a necessity rather than as a manured the better. I do not know mutual bickerings and hatreds and luxury. Were not the eating of but severe pruning is good but all will have seized more firmly upon fruits necessary to our health, na-ture would not have been so lavish fruit is well set, to clip the ends of lightly decide that you can afford I think there is but little to be in hervarieties and quantity. Fruit the fruit bearing vines, thus stop- to dispense with the benefit of some personal contact with all this vast congeries of undertakings. It was a great thing to be at Philadelphia in 1876 and at Paris in 1889; but it will be far more than either or both to be at Chicago in 1893.-From the "Progress of the World," May Review of Reviews.

KEEPING A WIFE YOUNG.

A certain amount of social life is absolutely essential to all of usto the old as well as to the young, writes Edward W. Bok in a pertinent article on man's inability to see things as others see them in the May Ladies' Home Journal. A woman never grows so old that she ceases to enjoy the company of others, and generally the older she grows the more she enjoys it. It is always a pity to see a man fall into a state which he explains by saying: "Oh, we're getting old and don't care for so much variety in our lives." In the pure unselfishness of his soul he always speaks of "us" and "we," as if it natur-ally follows that because he is getting antiquated his wife must keep pace with him in his decline. Men all too often make their wives too old. It is a greater credit to a husband to keep his wife young than to make her grow old. His actions and his habits necessarily influence those of his wife. Let him keep in touch with the world, and both he and his wife will be the better and the younger for it. I like to see a man proud of his wife because she keeps young. Old age is beautiful and has its advantages, but a man makes a great mistake when he rushes a woman unnecessarily toward it. And he does it most perfectly when he deprives her of those enjoyments which every man should give his wife. No economy is so false, so hollow and so misguided as that which seeks to withhold one pleasure from the life of are dried in about four hours and a good woman, a true wife or a are cooked during the process. To loving mother. The best home a prepare the apples for use for pies: man can give a woman becomes " poky," as one woman I know expresses it, if she is asked to live in it three hundred and sixty-five

7

tity of sugar than pears. With the advent of canning dried fruits are relegated to a second place or left out altogether by many.

decked steam cooker the best for add three-quarters of a pound of grape.

dry place, and no uneasiness need be had about its molding or work-

stranger. It was given to man to make that path as pleasant, as easy and as bright as possible. Every dollar which a man spends for the happiness of the woman of his home will come back to him in double, yea, in four-fold measure.

EFFECTIVE STUDY.

The time devoted to the preparation of a study is no indication of the amount of study that has been done. Some students will do more real work in half an hour than others will do in two or three hours. a problem to be solved, they devote all their energies to the subject until it is mastered. Too many persons endeavor to think of something else while preparing the lesson. They are always ready to stop and talk about what has occurred. That is not business. Concentration is the secret of success. The student who can concentrate his mind upon his lesson can study. He who has no control over his thoughts can and declare the lesson is too difficult. Others

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THE CANADA THISTLE.

[Bulletin Guelph, Ontario Station.]

The Canada Thistle (Cirsium arvense) is a creeping perennial, which grows to the height of two to four feet, according to the character of the soil. It is so univer-sially known in this country, that nothing more needs to be said in regard to its appearance.

This weed comes up early in May, and continues to grow until the time of severe frosts in autumn. It comes into blossom in July and August, and also matures its seed in these months, but more especially in August.

It is propagated by means of the seeds, and also through the medium of the rootstocks, more especially the latter. The rootstocks which penetrate the soil horizontally to great distances, are filled with latent buds, which, when he roots become broken, as by the disturbing influences of cultivation, at once spring into vigorous life.

The following are some of the

far as practicable all such crops as allow the thistle seeds to ripen before these are cut, until infested fields have been dealt with.

2. Plow the land immediately after harvest. Plow shallow with off the creeping rootstocks. Keep the thistles from breathing above ground until the late autumn plowing, which should be deep for the sake of the crop which is to come after. In the spring keep the this-tles under by the use of a suitable cultivator, until the time of planting a crop of corn, roots or rape. down all weed growth and also keep the rows by hand hoeing. Go over are cheap it will generally pay. the crop, if necessary, once or twice left. The most effective part of ceding autumn, providing the parts of the State, is to be strongly condemned. the work has been done the pre-3. Plow the ground deeply in August. Sow rye early in Sep-tember at the rate of two and onehalf to three bushels per acre, and cut the following spring for winter fodder. Then plow the ground the laws of heredity. deeply with any kind of plow that once to conserve the moisture. Har- earlier than on the "single eye" row once a week until it is time to plats. drill the ground for rape. Drill about the last of June or first of found in Bulletin 02 before mon

[Press Bulletin No. 1. May, 1893.] MICHIGAN EXPERIMENT STATION

Potatoes-Amounts of Seed.

Bulletin No. 93, of the Michigan Experiment Station, is on "Potatoes: Amounts of Seed." "The conclusion arrived at is

that the potato growers of Michigan do not plant enough seed. Our own experiments, corroborated by those of other stations, go to show that for ordinary distances the half potato gives better results than any smaller amounts. For weak growing varieties, or varieties having small tubers, even a larger amount of seed will be found more profitable.

"A careful investigation shows clearly

" First, That an increase in seed within ordinary limits produces a marked increase-both in total yield and in marketable yield.

"Second, That an increase in seed, from one eye up to the half potato, produces an increase in the net value of the crop; but the increased yield from the whole potato modes of dealing with this intruder: 1. Drop out of the rotation so to cover the half potato is not sufficient to cover the cost of the greater amount of seed."

The above conclusions are the result of hundreds of experiments, extending over many years. They practically agree with the results of twelve other stations as compiled any kind of plow that will cut the in the bulletin. It would seem that thistles off clean without breaking such a large number of experiments under such widely varying conditions as are furnished by the thirteen states in question, would practically settle the question of the best amount of seed potato to plant.

In reality the whole question is not what gives the greatest yield, but what amount gives the greatest Give the crop thus planted the profit. When seed is high in the horse hoeing necessary to keep spring it will generally be advisable not to plant whole potatoes at the thistles cut out of the line of ordinary distances, but when they

Since it has been proven that the after the horse cultivation ceases, and there should not be one thistle weight of seed planted than the number of eyes, the cutting out of the eyes for seed, common in some

So also, the use of small potatoes for seed, not only lessens the profits the first year, but if followed for a series of years tends towards rapid deterioration, in accordance with

The larger amounts of seed gave will effectually bury the stubble. a more vigorous growth of vines, The jointer with skimmer will answer very well. Then roll at crop matured five to ten days

The data from which the above July by using the double mold-board plow. The drills may be 22 tioned, and can be had free by to 24 inches apart. Sow atonce with sending a request for the same to

TRANSPLANTING TREES.

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It is in the hope of creating some discussion of the matter that may eventually lead to a solution of the problem that I offer the following as my method of transplanting trees.

When Arbor day arrived, I shouldered my longest bladed sharp spade and pruning shears, and seeing neighbor Brown and his man and team headed for his wood lot, I made my way down to mine. Neighbor Brown and his man had dug several holes along the roadsides where the trees were wanted and were now going after their trees. Arriving at the wood lot Mr. Brown selected some of the most thrifty looking young trees and by their united efforts in pulling, prying and cutting roots he and his man soon had the required number of trees ready and proceeded to take them to the roadside. Mr. Brown placed what roots re-mained on a tree into one of the holes and, paying no attention to the fact that he had turned what was formerly the north side of the tree to the south where it would be blistered by the hot sun, had his man shovel in the earth that had been removed and carefully replace the sods around the tree so as to leave the surface smooth and green. Mr. Brown had the pleasure of seeing a fine row of promising young trees adorn his roadsides that day before I had removed a tree from my wood lot. I finally came back from my wood lot with nothing but my spade and pruning shears and neighbor Brown remarked to his man, "I guess Smith has given up the job and won't set out any trees on his roadside. I'll show him what he has lost in a few years when my trees spread their branches over the roadway." Now I will give an account of what I had been doing in my wood lot. I had determined the number of trees I should probably want to transplant and added a few so as to be sure of enough. I selected and marked the trees which I wished to remove. Then I began with the pruning shears and cut the tops back quite severely and as symmetrically as their angular growths would permit. Then I took the long bladed sharp spade and cut a circle about each tree from a foot to eighteen inches or so from the body as deep as the spade would go, thus cutting off all side and surface roots which were more than 18 inches long. This work could have been done any time during the spring and summer. I then left the trees in their places during the whole summer, during which time the ends of the branches and roots which had been cut were healed over, many new, fine roots had formed near the body of the tree on the stubs of the roots which had been cut off, and

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John E. WilcoxPiymouth, Wayne John A. McDougalYpsilanti, Washtenaw R. C. NorrisCadillac, Wexford	Helen A. FiskeLawrence, Van Buren	
John A. McDougal Ypsilanti, Washtenaw R. C. Norris	John E. WilcoxPlymouth, wayne	
R. C. Norris Cadillac, Wextord	John A. McDougal Ypsilanti, Washtenaw	
	R. C. Norris Cadmac, wextord	

Revised List of Grange Supplies Kept in the office of Sec'y of the Michigan State Grange

And sent out post-paid on receipt of Cash Order, over the Seal of a Subordinate Grange, and the signature of its Master or Secretary. Porcelain ballot marbles, per hundred.......\$0 75 Secretary & ledger Porcelain ballot marbles, per hundred Secretary's ledger. Secretary's record. Treasurer's orders, bound, per hundred. Treasurer's receipts for dues, per hundred. Applications for membership, per hundred. Withdrawal cards, per dozen. Dimits, in envelopes, per dozen. By-Laws of the State Grange, single copies, the per dozen. By-Laws of the State Granger and State Grange Melodies, single copy, 40c; per dozen 4 00 Grange Melodies, single copy, 40c; per dozen 4 00 Opening Song Card, 2c each; 75c per 50; 100. 1 35 Bituals, 7th edition (with combined degrees), 2 75 25c each; per dozen. 1 80 2 75 1 80 15 1 50 40 50 25 15 18

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Ditade Inventie, single copy	
	1
Digest of Laws and Rulings	
ton books	

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MISS JENNIE BUELL

Mich. State Grange, ANN ABBOR MICE

W. J. BEAL, President A. A. WILBUR, Vice President C. H. OSBAND, Cashier

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EAGLE BRAND THE BEST ROOFING Is unequaled for house, barn, factory or out-buildings, and costs half the price of shingles, tin or iron. It is ready for use and easily applied by anyone. Send stamp for samples and state size of roof.





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It positively prevents the loss of the watch by theft, and avoids injury to it from aropping.

IT CAN ONLY BE HAD with 0 Jas. Boss Filled or other watch cases bearing this trade mark—

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KeystoneWatch Case Co., PHILADELPHIA.

rape by using the ordinary turnip drill and then cultivate and care for as described in section 2 above. In our experience at this farm we have found this mode of destroying the Canada thistle to be very effective.

4. Plow under pasture land in June, or land from which a crop of hay has been removed early in July. Work the land thus plowed upon the surface, so that all thistles will be kept under until the time of sowing winter wheat. Sow the process if necessary, after hav-ing cut one, two or three crops of tions of fungus known as actinomying cut one, two or three crops of the clover. This method is appli-cable to stiff soils, where winter where winter wheat will not grow, substitute for it rye, spring wheat wheat can be grown. In sections or barley, as may be desired.

5. Where the land has been sown to clover, cut the crop twice for hay, or once for hay and once for seed. Then follow with a hoed ably a degenerate form of some crop properly cultivated. The fungus which grows naturally upon smothering influences of the two feed stuffs or grain. When the crops of clover in one season, and spores of the original fungus are then two cuttings, are very helpful in reducing the thistle.

6. When the thistles are well so by the use of the spud. The or lump jaw. There in no danger grain fields should begone over before harvest to prevent the thistles from blossoming, and after harvest animals, provided the visibly disthe meadows and fields sown to

grass. permanent pastures, we must be or by the use of caustics. The iogoverned by the character of the dide of potash given internally may soil and subsoil as to our mode of effect a cure. procedure.

Secretary. Agr'l Coll., Ingham Co., Mich.

LUMPY JAW.

[Bulletin Kansas Station.]

Actinomycosis bovis or lump jaw of cattle is a parasitic disease caused by the growth in the tissues of a fungus called actinomyces. It appears as a lump or tumor, usually in the region of the head or neck, and may grow to a large size. This tumor usually discharges a one animal to another by means of spread the fine roots out in a natthe actinomyces as they are found which contains the organism in a growing state. The actinomyces which cause this disease are probtaken into the animal economy, they may gain entrance to the tissues, vegetate, and produce the disbrought under they should be kept ease known as Actinomycosis bovis, of persons contracting this disease from eating the flesh of affected eased portion is removed.

The treatment consists in remov-7. In removing thistles from ing the tumor, either with a knife

life are made by officers of the law.—Free selves entitled to rank among our leading of it in the fall.—Binghamton Leader.

the top had many new branches started, thus giving it a more symmetrical appearance. Now my trees are ready to transplant. When the autumn rains have

softened the earth I will prepare the holes for my trees in the places where I wish to set them by putting some fresh earth from the wood lot in the bottom of each and mixing some surface soil with it. I will mark each tree on the same side with a small pot of paint and be sure to set it out so that the painted side shall face the same point of the compass as before. I will handle the trees with care and ural position and compress the earth carefully about them. Then I will bank the earth up around the tree and leave it alone for the winter. The freezing and thawing weather of winter will settle the earth carefully above the fine roots, thus putting the trees in good condition for growth in the spring. In the spring I will remove part of the bank of earth from around each tree and put a liberal mulch of old straw around each tree, throwing some dirt upon it to keep it in place.

With these methods of handling the trees I rest assured that I will in a few years be able to show neighbor Brown and others of his ilk the truth of the old adage, "The more haste the less speed," and that it is the part of wisdom in transplanting trees as in many other things to "Make haste slowly."

DWIGHT COLE.

These are accidents that are peculiar to

Mason.



NEWS NOTES.

WORLD'S FAIR OPENING. Up to date the advocates of Sunday opening are on the winning side. It re-

mains to be seen what the federal government will have to say about it. The question has ceased to be one of religion and is merely oneof common honesty and good faith.

DR. BRIGGS.

times and the discussions are read with general interest. It is quite doubtful

When religionists seek more along the

highways and byways for sinning human beings and spend less time in the Sanhe-

drim, more good will come of their efforts.

LIKE LIGHTNING.

cago. It is expected to make the run in

twenty hours or five hours shorter than at present. It will be compelled to keep

pretty close to sixty miles an hour to do

EULALIE.

feted and entertained in the eastern cities.

She is in some respects a national guest.

A SERIOUS FIRE.

Saginaw was visited by a very serious fire last week. Many homes were de-stroyed, homes of workingmen and homes

MICHIGAN STATE LIBRARY,

LANSING, MICHIGAN.

may throw light on the early history of

Michigan or of any portion of the United

The Librarian wishes to call especial

THE IMPORTANCE OF CONTIBUTING PAM-

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Ephemeral in form of publication and

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vation, pamphlets are often difficult to

collect a short time after issue. They reflect the spirit and sentiments of the

age, however, better than elaborate treat-

ises and are indispensable treasures in a

good reference library, where historians, biographers, statisticians and men of let-

ters in general naturally look for every

thing, no matter how apparently trivial, that may shed light on the subjects of

All gifts may be sent by express to the State Library, where transportation charges will be paid.

THE MAGAZINES.

Very respectfully, MARY C. SPENCER,

State Librarian.

of wealthy men, besides large mills.

land.

States

attention to

their investigation.

The Spanish Infanta, Eulalie, is being

The first train through was three

A fast train over the New York Central and Lake Shore railroads has been puton to run between New York and Chi-

Newaygo County Pomona Grange No. 11, will be held with Hesperia Grange on Wednesday and Thursday, June 21-22. Dr. Briggs trial is now on in all its heat and feeling. It is one of the most re-markable trials of the kind in modern The meeting will be public in the day

time. Program.

Notices of Meetings.

NEWAYGO POMONA.

"From what Books have I received my best impressions," Mrs. Mary Robertson. "The Figures and income from a Small flock of Speep," A. L. Scott.

"How to keep up repairs on the Farm," O. T. Blood.

"How may the institution of Marriage be improved in order to conduce more Surely to human welfare physically, mor-ally and intellectually?" Mrs. Wm. Hill-

"Some of the most interesting things I saw at the Columbian Exposition,'

John and Mary Barnhard. "Why did the Anti-Option Bill fail to become a Law," S. V. Walker. "Should Farmers patronize the race course?" W. C. Stuart.

minutes ahead of time.

"How shall Farmers meet the increas-ed demands of Labor?" Augustine White. Recitation, John Bunnell.

"What can we look for as the probable fruits of the Road Craze?" M. W. Scott. Recitation, Miss Lizzie Macumber. The first reports of her coming bore the impression that she was filled with snob-bish ideas. But if the later newspaper

"What Trade shall we fit our boys and girls for?" Mrs. P. W. Hall.

"What do we want done with the Sil-ver question?" Jas. Robertson and J. H. mirably for a royalist in this people's umber.

"Lessons learned from the Grange, paper by Mrs. Lewis.

"Farmers' vacations," L. Reinoldt. "The Rise and Fall of Nations, Calvin Lillie.

"Benefits of the Farm Home Reading Circle of Michigan," Miss Emma Walker. "A young Man's Chances," B. C. Moor.

"Can the Mortgage Tax Law with the proposed amendment be enforced as against the power of Money," Neil Mc-

The State Librarian desires and will be grateful for gifts of books of every useful kind, newspaper files, maps, his-Collum. Recitation, Miss Minnie Carter. "What Benefit financially, will the World's Fair be to farmers?" Dan Mal-

lery. Recitation, Fred Moor.

"Draper ventilation of School rooms and Homes," T. S. Frey. "The Best Ways for Saving Strength and Time in doing House Work," Mrs.

James Calwell.

ames Calwell. Song, Dan Mallery. WM. W. CARTER, Lecture Lecturer.

ALLEGAN COUNTY COUNCIL

will hold its next session with Cheshire Banner Grange at their hall, Tuesday, June 6, and will respond to the following program:

Call to order at 10 o'clock by President Houser

Opening song by Cheshire Grange. Reading of the minutes of last meet-

ing. Address of welcome, G. W. Lewis of

Cheshire Grange. Response by Allie Leggett of Watson. "Resolved, That we need better legislation and a stricter enforcement of the laws in regard to the extermination of Canada thistles," S. P. Albertson of Wat-

son. "Power of Habit," Sister Alice Cook of Otsego.

"Agitation as a means of Reform," "Is there more virtue in the enlightened, than in the ignorant classes?" Emma Andrews of Hopkins.

"Why is it that Silos are not more gen-erally used by our stockmen?" T. G.

Adams. What is the effect of rank and wealth upon the character." C. A. Jewett. "An ideal home," M. J. Leggett.

Farmer Household. It is the first time Mrs. Johnstone ever permitted her pict-ure to go into print and probably will be the only opportunity her many readers and admirers ever will have of securing her picture. A sketch portrait also appears of Miss Jennie Buell, Secretary of the State Grange, and for many near appears of Miss Jennie Buen, Secretary of the State Grange, and for many years associate editor of the GRANGE VISITOR, and of E. Cora DePuy, editor and found-er of the *Literary Century*, The cover is in white of a special de-sign and the whole a splendid number.

Single copies twenty cents. Send at once and secure a copy but do not send post-age stamps. New subscribers sending in one dollar now for a year's subscription whether the energy expended in trying Dr. Briggs is put to as good use as it would be in reaching after the fallen. Address, THE LITERARY CENTURY, Ann Arbor, Mic

Ann Arbor, Mich

The janitor of one of the Portland public schools, coming into the class room day recently, saw on the blackboard this sentence: "Find the greatest common divisor." "Hullo," said he, "is that durned thing lost again."—Kennebec Journal.

AN HONEST PAINTER.

Amite Co., Miss., May 20, 1893. G. W. INGERSOLL, DEAR SIR-YOURS to hand and would say in reply that Color Cards and prices are satisfactory, I expect to order two bills of paint from you. do the painting for this community and always order the paint for the parties. used your paint some 15 years ago and am convinced it is better than I can mix by hand and shall continue therefore to use your Ready Mixed Paint. There are a good many talking of having painting done and as per request I give you some addresses to whom you may send Color Cards and prices, perhaps it will stimu-late them to have their work done sooner.

Yours respectfully, J. L. JACOBS [See Adv. Ingersoll's Liquid Rubber

Paints.-ED.]

A GLIMPSE AT THE WORLD'S FAIR.

The passenger entering Chicago from the east by any of the MICHIGAN CENTRAL trains will observe, after passing Kensington and Grand Crossing, that the tracks are gradually elevated until, from a point torical relics, manuscript narratives, and original documents of every sort which he sees to the right an assemblage of domes, towers and spires rising above the trees between the railroad and Lake Michigan. These are some of the colossal and mag-nificent palaces of the World's Columbian Exposition, far surpassing, not only in number and magnitude, but in beauty and artistic harmony of design, any assemblage of buildings that the world has ever before

seen. First to be noticed and directly in front of the railway station where the MICHIGAN CENTRAL trains will enter the Exposition, rise grandly the four square pavilions of the Administration building, crowned by its great dome, 260 feet above the ground,-"almost as lofty as that of St. Paul's in London," says Mrs. Van Rensselaer, "and almost as graceful in outline as that of the Florentine Cathedral." In front of it stands the magnificent bronze fountain by Mac-Monnies, facing the great basin in the cen ter of the great court, upon which front the Agricultural building and Machinery Hall on the south, and the palaces of Mines and Mining, Electricity, and of Manufactures and the Liberal Arts on the north. The domes and towers of these buildings may be seen in the distance, and particularly the grert arched roof of the last named building, the largest in the world. It cov-The complete novel in the June num-ber of Lippincott's is "The Translation of a Savage," by Gilbert Parker, author of "The Chief Factor," "Pierre and his People," "Mrs. Falchion," etc. It has an unusual subject, and tells how an English-

man of family and wealth married an Indian girl of Hudson's Bay and took her home, with results naturally mixed, but better than might have been expected.



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BINDER TWINE. Send 2 cents for Sample and Price H. R. EAGLE & CO., 70 Wabash Ave., Chicago.

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A. R. HICKS & CO., PALMYRA, N. Y. are the official furnishers of badges, working tools, seals, staff mountings, and all supplies. Illustrated catalog on application. Send orders to Jennie Bnell, Secretary, Ann Arbor, or direct to Palmyra, N. Y.

PIANOS Special inducements all the time Send for Catalogues, etc. Direct ORCANS Factory. York, Pa. Place seal of your Grange on your letter paper, or send trade card to secure benefit of special manufact-urers' prices direct to Grangers.



AND BUSINESS INSTITUTE Is the place to Educate your Boys and Girls.

Send for Year Book. G. E. SWARTHOUT, A. M., Principal.

In writing mention THE GRANGE VISITOR.

150 NEW HOUSE PLANS. If you are thinking about building, dont fail to buy the new book for 1883, Pulliser's Model Dwellings, containing plans and specifications of 159 houses, costing from \$400 to \$5,000. It contains 128 pages, size 11x14 inches, bound in paper cover, \$1.00; in cloth, \$2.00. Mailed to any address on receipt of price, by J. S. OdILVIE, Publisher, 57 Rose St., New York. HAYPRESSES FOR BEST STEEL PRESSES. ADDRESS P.K.DEDERICH & C. DEDERICK'S WORKS, ALBANY, N.Y. CHICKEN-HATCHING BY STEAM Simple, easy of operation, self-regu-lating, reliable, fully guaranteed. Send 4c. for illus. Catalogue. Geo. Ertel & Co., Mfrs, Quincy, Ill.U.S.A.

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Through sleeping and parlor car service from Chicago, Detroit, Lansing and Grand Rapids to Petoskey and Bay View during the summer months.

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Over forty miles of beautiful lake and river views north of Traverse City.

Try it when you go north this summer FRANK TOWNSEND,

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JUNE 1, 1893.

7

Our young people, and others inter-ested, are cordially invited to attend and assist in music, recitations, etc. If we may judge the future by the past, the session will be well worth attending.

Bear in mind time and place. MRS. N. A. DIBBLE. Lecturer.

BRANCH COUNTY POMONA GRANGE

will hold a meeting with Quincy Grange at the home of C. C. Sears, one and one half miles west and one mile north of Quincy on Thursday June 8, commencing at half past 10 a.m. The morning session will be devoted to the regular order of business and all fourth degree members are invited. A class of twenty-five will be initiated in the fifth degree. The afternoon session will be public and the fol-lowing program has been prepared:

Opening music by Quincy grange. Address of welcome by C. C. Sears, of Quincy grange.

Pomona grange. Music by Coldwater grange.

newspaper," paper by M. L. Evans, of

Butler grange. Discussion, "Old time neighborhood life compared with the present," paper by Mrs. HelenWagoner, of Girard grange. Music by Coldwater grange.

"How can we secure more temperance teaching in our district schools," paper by W. A. Lott, of Butler grange. Recitation by Mrs. J. F. Button, of Ba-

tavia grange. "The necessity of a thorough business"

education," paper by Mrs. Anna L. Roe, of Union grange. Recitation by Mrs. Ford Ferguson of

Recitation by A. Coldwater Grange. Closing music by Quincy grange. MRS. E. A. HORTON, Lecture

Lecturer

Little Dick C-got into trouble with a schoolfellow the other day, and agreed with him to "have it out" before school the next morning. That evening when Dick knelt by his mother's side to say his himself as follows, after the usual "Now I lay me;" "And, O God, please make me as strong as lions an' things 'cause I got to lick a boy in the morning—Amen!" Or the members together with twenty-seven fine half tone engravings including Mrs. L. H. Stone, the honorary president, Mrs. Belle M. Perry, the president, and Mrs. Beatrix Johnstone, editor of the tisers.

One of the papers in the June Atlantic which will be looked at with more than ordinary interest is that by Justin Winsor, Librarian of Harvard University, in which he writes about "The Future of Local Libraries," which he thinks could be best administered under the supervision of a central board, which by their gain in ex-perience in managing libraries in certain localities would know precisely what the probable needs of each library were.

The June Arena is a mammoth number. 'It is probably the largest magazine ever published as a monthly issue of a review, containing one hundred and sixty four pages, of which one hundred and forty-four are in the body of the magazine, and twenty pages of carefully written book reviews by such well known critics as Rev. W. H. Thomas, D. D., of Chicago, Helen Campbell, Hattie C. Flower, Hamlin Garland, and the editor of Response by A. L. Smith, Master of mona grange. Music by Coldwater grange. "The relation of farmer to his local Rev. Marion D. Shutter, D. D.; Arsenic versus Chelera, by R. B. Leach, M. D., is interesting and timely; Woman Wage-earners in the West, by Helen Campbell; Does the Country Demand the Free Coin-age of Silver, by A. C. Fisk; Save the American Home, a Striking economic pa. per, by I. E. Dean; Islam, Past and Pres-ent, by Prof. F. W. Sanders, one of the most scholarly religious essays of recent times, and should be read by all interested in obtaining a correct idea of what Mehammedanism is; Union for Practical Progress, by the Editor, a strong plea for the union of progressive and reformative impulses for educational and practical

one of the most striking external features of the Exposition.

Next to the left is the Horticultural Building, a thousand feet in length, and with a central pavilion, under the glass with a central paymon, under the glass dome of which is grouped the finest known collection of bamboos, tree-ferns and palms. Northward, and still nearer to the train, is the Woman's building, a chaste and noble structure, first of all to be completed, and the architect, artists and decorators of which were all women. It will be filled with the fruits of the genius, skill and labor of the women of all nations.

Crossing the Midway Plaisance, which connects Jackson Park on the east with Washington Park on the west, and in which are located a section of Paris, a street of Cairo, Irish, German, Austrian and Turkish villages, a Dutch East Indian set-tlement, ice, sliding and spiral electric railways, and numerous other interesting features, of some of which the traveler may get a glimpse as he dashes by. On the right, grouped at the north end of Jackson Park, are the various State and Foreign buildings of diversified architecture and representing an expenditure of millions of dollars.

No passing glimpse of the World's Fair, however, nor the most detailed and glowing description that can be penned, can give any idea of its surpassing size and extent, the splendid harmony of its design, or of its rich artistic sculpture and decorative features. Nothing but frequent visits and careful observation can do it. But while every passing traveler will surely resolve upon this, he will also surely be thankful that he is journeying upon the MICHIGAN CENTRAL, the only Eastern line that gives him such a passing view, or that takes him directly by and in full view of Niagara Falls, the great natural wonder of the world.



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PYRAMID PILE CURE an absolutely certain cure for BLIND, BLEEDING, ITCHING and PROTRUDING PILES. Gives INSTANT RELIEF. A PERMANENT CURE. So harmless, it can be used by a child with perfect safety, and one package costing ONE DOLLAR WILL DO YOU ONE HUNDRED DOLLARS WORTH OF GOULAR WILL DO YOU ONE HUNDRED DOLLARS WORTH ON GOOD, at least this is the honestly expressed opinion on hundreds who have been curved by it in the past year DO ROT SUFFER A DAY LONGER, but ask your druggs for it, or we will send it postpaid for \$1.00, or asimal trial package FREE for 10 ets. in stamps, also a valuable book telling all about piles sent free. Addressed PYRAMID CO., ALBION, MICH.



I make a specialty of Castrating the Ridgling Horse, and Spaying the Kicking Mare. I Castrate Colts without the use of ropes, cords, clamps or fire irons. Spay all kinds of domestic animals, Capon Fowls; Dehorn Cattle, File Horses' Teeth and I will go any distance provided a club of sufficient size is secured to pay me. I guarantee satisfaction in all cases or no charges. Write for circular.

FOR SALE.

In the famous fruit belt of Michigan, Oceana county. Farm 200 acres, 180 cleared, two farm houses, three barns, two graneries, two good wells, 200 apple trees bearing, 100 bearing plums, 800 plums one to three years out. No waste land, and all heavy grass, grain or plum and pear land. One and one-half miles from court house in Hart the county seat.

Forty acres, fair house, good packing house wind engine and good water. Four thousand trees planted from two to ten years. Peach, plum, apricot, apple and cherry. Sold 2,000 baskets peaches in 1892. One and one-half miles from water transportation.

> Address, E. D. RICHMOND, HABT, OCEANA CO., MICH.

. LANSING, MICH.

Book Table.

work.

The May number of the Literary Century is a Columbian souvenir number of the Michigan Woman's Press Association and is the finest thing of the kind ever published in the state. There are sketches prayers before going to bed, he delivered of the members together with twenty-himself as follows, after the usual "Now I seven fine half tone engravings including

CF STANTON, MICH. E. D. HAWLEY, Pres. WM. H. OWEN, Treas. O. MOORE, Sec⁴y. Retail their own make of goods at wholesale price. We make a specialty of \$20 double team work har-nees and \$10 single harnees. We guarantee satis-faction, and prepay freight on five sets. By per-mission we refer to Hon. H. H. Hinds, of Stanton.

Readers will assist the prosperity of the paper by patronizing our adver-

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