

MERCHANTS REPORT BIG XMAS TRADE

X-RAY CLINIC AT PLEASANT HOME HOSPITAL NEXT MONDAY MORNING.

Masons Elect Officers for Ensuing Year; Other News of Local Interest.

Holiday Trade Best Ever—

Cass City merchants reported Wednesday that the holiday trade was a big surprise. Despite the war, the many calls for financial contributions, high prices and other conditions, the Christmas trade in many institutions was a record breaker. One merchant who makes a specialty of holiday goods says his December business to date is a third larger than during a similar period last year while several others called attention to "big days" and heavy increases in December sales. All lines shared in the generous buying. Postmaster Dodge says the postal force was fully as busy as last season and the office receipts for the holiday season show a marked increase over 1916.

Gets First Certificate Issued—

Mrs. A. A. Hitchcock is the owner of the first U. S. War Saving Stamp issued by the Cass City post office. The certificate is for the amount of \$50.00 and Mrs. Hitchcock received it as a Christmas gift from her husband.

New Officers of Tyler Lodge—

At the yearly meeting of Tyler Lodge, F. & A. M., Saturday evening, the following officers were chosen: Worshipful Master, J. A. Caldwell; Senior Warden, Geo. W. West; Junior Warden, J. W. Hamblin; Secretary, I. A. Fritz; Treasurer, E. H. Pinney. Appointments have been made as follows: Senior Deacon, Elias McKim; Junior Deacon, Richard Bayley; Tyler, John Muntz.

X-ray Clinic Monday—

W. H. Dodge, representing the Wappler Co. of New York City, arrived in Cass City yesterday and is giving final instruction in the operation of the Wappler X-ray machine recently installed in the Pleasant Home hospital. He will conduct the clinic previously mentioned at the hospital next Monday morning. The clinic will be attended by physicians from all the surrounding towns and papers will be read by doctors from the city. Those wishing X-ray work done at this clinic are requested to make appointments not later than Saturday.

Business Mgr. in Red Cross—

Chas. Fenn returned on Wednesday morning to New York City where he will assume his part as Business Manager of Auxiliary Division, New York County Chapter of the Red Cross. This chapter embraces Manhattan Borough of New York City with 364 auxiliaries and 50,000 workers, the activities of which are to be systematized under the direction of Mr. Fenn, who was prominent in the direction of charitable and civic enterprises during his former residence there. Besides being a member of the Republican Committee for the 23rd district during Mayor Seth Law's administration, he was in charge of the East Side organization of the Civic League. Executive heads of the Red Cross familiar with his successful secretaryship of New York Co. Red Cross Chapter during the years 1904 and 5, asked Mr. Fenn to take the responsible position he now accepts. Continuing his business relations in both New York and Detroit, he will visit the latter office in Union Trust Building twice monthly. Mrs. Fenn, who has been a guest at the Fenn-Bigelow home for several months, will make a brief visit at Albion where she was a former member of Albion College faculty, before going on to New York. Mrs. Fenn has been a ready helper in the local Red Cross and has formed some lasting friendships during her stay here.

MINERAL WATER TO TAKE PLACE OF "FIRE WATER"

Michigan goes dry this spring. Vassar, one of Tuscola county's progressive villages, has a mineral well which will be utilized to supply the demand for a substitute for the "fire water" which has been consumed in such large quantities in the state. Unlike many substitutes, however, the claim is made that it is much better than the original. In Vassar's mineral water, there are curative virtues and as a medicinal factor it beats the adulterated whiskeys and beers all hollow.

Spears & Crobar, who have been the owner of the property, have sold the well to Detroit parties. The new company plans to place the mineral water on the market and commence advertising its curative virtues.

Advertise it in the Chronicle.

EVERYTHING IS HIGHER.

Following are some more reasons that have been given for the high cost of things: Garage men in some places are charging ten cents for blowing up tires. They claim they can't give it away because the war balloons are using so much of the surplus air. The ice men are charging more for ice because the submarines make it unsafe to bring icebergs from Greenland to the United States. Egg shampoos are expensive because they are training so many hens to become carrier pigeons for war. Butter is away up because they are using it to grease the harness of the army mule. Honey is higher because the heavy guns in Europe cause vibrations in the air which shake the pollen from the feet of the bees as they carry it from the flower to the hive. Headache tablets are double priced on account of the long session of congress. The manufacturers are shipping all they make to Washington.

PLAN TO ORGANIZE A CO. Y. M. C. A. IN TUSCOLA

Prominent Men of County Will Meet at Caro' Next Wednesday Evening.

E. T. May of Saginaw, district secretary of the Y. M. C. A., makes the following announcements regarding the Y. M. C. A. movement in Tuscola county:

Alexander MacVittie, county agriculturalist for Tuscola will talk Sunday morning at both Methodist and Presbyterian churches on the "County Y. M. C. A. as a War Measure." Alex Sanson, an M. A. C. student and son of County Treasurer Wm. Sanson, will speak briefly on same subject in the Evangelical and Baptist churches. No collections.

Prominent men of the county will meet at Caro Wednesday evening of next week at a banquet to consider plans for the organization of a county Young Men's Christian Association in Tuscola. An invitation is being sent out signed by I. B. Auten, E. W. Jones, H. D. Schiedel and other men of the county. Every man in the vicinity and in Cass City is invited.

Why Tuscola Should Have a County "Y"—Now.

1. Much of our best leadership is being withdrawn when its need was never so great.
2. Department of Agriculture asking for it.
3. Military authorities at Custer asking Y. M. C. A. for leadership.
4. Need of a permanent organization to meet the Thrift Campaign, Boys' Working Reserve, Father and Son Week, Join the Church Week, etc.
5. There is an increasing unsteadiness in the life of our towns and rural communities.
6. Young men upon their return from the war will need the organization that helped them at the front.
7. More men and boys in Tuscola county are willing to serve now than ever before.
8. The county work of the Young Men's Christian Association has the strongest program and most scientific methods for reaching the boys of Tuscola county.

SOLDIER BOYS' LETTERS

Mrs. John Schwaderer has received the following letter from Jacob Antes:

Somewhere in France, Dec. 3, 1917. Dear Cousins and Friends: Well, I have been in the army six months now and will say I like it pretty well. As you know on June 5 we went into camp at Detroit and stayed till July 29 when we left and came to France. We did not stop anywhere and came over without any mishap. We did not do much work for 30 days till we got our tools to work with. Then we went into camp under canvas and have been ever since. We have work eight hours a day and rain or mud. We get off Sunday and can go to the city, but I have not gone since we started to work. I see Charley Donnelly every few days. He came over to see me at my tent last Sunday and I gave him the paper that I received and he never spoke again as he had not received them. He read most of them and took the rest with him when it was dark and he went back to his tent. He has received his box that was sent to him but mine has not come yet, but think it will.

Well I am sorry that it rains every day there, but you have nothing on us as we have it too and we have to work in it. I have been for a week that I never had my clothes dry. On Sunday we wash, change our clothes, and shave and then we look pretty good.

We go to work with a will and do all we can and Gen. Pershing gives us lots of praise and the Paris paper says we have done wonders here as we are making a great camp. It's to be one of the best in France. All our officers and all army men say our work is great and that we are doing.

Continued on page eight.

THIS IS THE YEAR

RAISE your hat to the Glad New Year!
Raise your voice with a hopeful cheer!
Make a vow that while it stays
You'll make the most of its glorious days,
And—
What? That sort of resolve is old?
Sounds like a tale too often told?
You've made it every New Year's day,
Then frittered the live-long year away?
Well, s'posing you have? What's that to do
With this particular year? It's new!
New, you grouch, not the same old kind
Of muddled up year you've left behind!
New each day and each minute too!
New; each second is fresh-laid, new!
New for the things you've left undone!
New for the races you haven't run!
New for ambitions unachieved!
New for mistakes unretrieved!
New for unfinished efforts too!
New for the things you mean to do!

Never one day in its bill of fare
Is like another day anywhere.
And if a year can be fresh and new
Why in the dickens can't you be too?

You can! So wash from your care-stained face
Of memory's dirt the last small trace.
Put on Ambition's garments bright,
Light your cigar with the Future's light
And say to yourself: "The old year's dead.
Bury it deep! Look right ahead!
Here's a New Year laid out for me,
As full of chances as it can be,
So out of my way and let me go!
It's up to me, and by jings! I'll show!"

Then start! And keep at it! Hang on! Stick!
You'll notice the difference mighty quick,
And you'll find, before t's half-way through,
It's the Happiest kind of a year for you!

—Paul West.

LOTS OF SEBEWAING COAL AWAITS DIGGING

Detroit Lumberman Says 6,000,000 Tons Are in Sebewaing Mine.

"Six million tons of coal are lying idle in the Sebewaing mine, 120 miles from Detroit, while the city is suffering the worst coal famine in its history."

Henry W. Campbell, lumber dealer, in the Dime Bank building, made the foregoing statement Friday, says the Detroit Journal.

He also states that Fuel Administrator Garfield has paid no attention to his letter giving the facts.

According to Campbell, tests have shown the coal to be the long flame cooking coal, superior to the Pocahontas variety. The mine is thoroughly timbered, he adds, and equipped with a pumping system, so that unwatering and preparing for production would take only a week.

"The coal is threaded with veins of pyrites, 1,000,000 tons by actual computation, from which is extracted sulphur, the mother of chemicals and an essential in making munitions," Mr. Campbell says. "Separating the coal from the pyrites could be done by the crushing process at a cost not exceeding 10 cents a ton. Eight hundred million dollars are invested in plants manufacturing by-products of pyrites in the United States, which shows the importance of the mineral."

Mr. Campbell says the Pere Marquette tracks pass within 50 yards of the old shaft, and that the mine is a mile from Saginaw bay.

Mr. Campbell declares that T. P. Whittier of Saginaw, now in Detroit, spent nearly \$100,000 25 years ago to develop the mine. Eleven years ago he closed the shaft following disagreements with railroads and because of the excess of pyrites.

HIS HOME PAPER.

What shall you send him when he's in training camp or over there? A letter? By all means, that foremost and foremost. And after that, what? Some foolish little knock-knock which is neither quite ornamental nor entirely serviceable? Or, when in doubt will you take lesson from what Richard Henry Danc wrote in "Two Years before the Mast?"

"After all, there is nothing in a strange land like a newspaper from home. Even a letter, in many respects is nothing in comparison with it. It carries you back to the spot better than anything else."

There is more in this today than Dana ever put there.—Collier's Weekly.

Advertise with a Chronicle liner.

PORKLESS DAY IS NEXT ON THE PROGRAM

The State Will Be Canvassed in January in Follow-up Campaign.

Food Administrator Geo. A. Prescott announces that a state-wide follow-up canvass of the Hoover pledge campaign will be held between January 6 and 12.

During that week kitchen cards bearing a personal message from Hoover to every woman who signed a pledge card in October will be distributed telling her the conditions in Europe and America that make more intensified food conservation necessary and indicating ways in which the housewife can give further assistance.

In addition to the present wheatless and meatless days the government will request in the new campaign the observation of Saturday as a porkless day once a week. The federal instructions will be distributed in all the hotels, restaurants and homes of Michigan between January 6 and 12.

WURTZ--MOORE

Claude J. Moore Marries Miss Edna Wurtz of Pigeon.

A pretty wedding took place at the home of Mr. and Mrs. John Wurtz of Pigeon on Dec. 25 at one o'clock when their daughter, Edna L. Wurtz, was united in marriage with Claude J. Moore of Cass City, Rev. D. F. Binder of Owendale performing the ceremony. The attendants were Miss Sylvia Wurtz, sister of the bride, and Floyd Moore, brother of the groom.

The bride's twin sister, Mrs. H. Damm, played the wedding march, to the strains of which the party entered the prettily decorated parlors.

Mrs. Moore was one of Pigeon's accomplished young ladies and Mr. Moore is a young man of sterling worth and one of Elkland's prosperous farmers. They have the best wishes of their many friends and relatives.

They will live on the Moore farm near Cass City.

Cass City people were delighted to welcome the soldier boys home for the Christmas holidays. From Camp Custer came Wm. G. Hurley, M. B. Auten, Ernest Croft, Roy Vance, John Anker, Vernon McConnell, Norman Cook, Wm. Adams and Fred Fournier and others are expected later in the week. N. J. McGillivray and Howard Hoadley came home from Camp Dodge, Iowa, and Ernest Schwaderer from Camp Dix, N. J.

SHARRARD-ROBINSON.

Married at 12:30 o'clock Thursday noon, Dec. 20, 1917, at the parsonage of the First Methodist church in Sandusky, Rev. D. D. Nagle, pastor of the church officiating, Miss Anna May Robinson and Joshua Sharrard.

The bride is a daughter of Samuel Robinson of Austin township. The groom is a son of Phillip Sharrard, of Evergreen township. They will make their home near Decker.—Farmer.

COMING AUCTIONS.

C. S. Bixby will have an all-day sale on the I. Waidley farm, three-fourths miles northeast of Elmwood store on Friday, Jan. 4. Full particulars are printed on page 6.

WHAT WE READ IN THE ENTERPRISE 25 YEARS AGO

Items Regarding Cass City Folks Printed in a Local Paper a Quarter Century Ago.

Dec. 30, 1892.

You can soon write it '93. The Reader brothers went to Bay City last week with a load of poultry.

F. A. Ellis proposes to open up a first class restaurant and confectionery store in the LaRue building.

Married—At Caro on Thursday, Dec. 22, 1892, by Rev. W. M. Gifford, Leonard P. Bogert of Greenleaf to Mrs. Mary A. Burkhill of Cass City.

H. McIntyre, for some time employed in the Cass City Bank, will soon take up studies in a commercial college.

Miss Irene Pinney, who has been studying elocution in Detroit for some time, arrived in Cass City last Friday to spend a week's vacation at her parental home.

Walter S. Richardson and Ezra Maynard, both graduates of the Detroit Business University, are the new employees of the Cass City Bank.

The elegant home of Dr. and Mrs. J. H. McLean was thrown open Wednesday evening to about 50 of their friends in honor of their guests, the Misses McGregory, of Bay City.

Progressive dominoes was the pleasant game indulged in until a late hour. Last Wednesday afternoon citizens were startled by the ringing of the fire bell. Their services were not needed, however, as John Schwaderer, in whose store the "blaze" was located, had in almost less time than it takes to tell it, supplanted the blaze with a miniature lake. The fire was caused in rather a peculiar manner.

Mr. Schwaderer had stepped upon a chair to light a lamp and in some manner slipped and fell against the stove, tipping it completely over and slightly burning himself. The lamp also fell, spreading the oil over the floor in a way not calculated to "calm the troubled" fire. It was very fortunate that a cistern and pump were in convenient reach, as had water not been so accessible, a serious conflagration might have resulted.

BENEFIT OF "RED CROSS."

The soldier offers the best he has, which is his life, to his country's service—not a thing that the civilian can give can compare with this sacrifice. It becomes all of us to be generous in our giving, lest we put ourselves in the position where we cannot hold up our heads in the presence of our soldier boys.

The Red Cross, the greatest of the armies behind the army. The Red Cross succors the soldier in his sickness. It nurses him if he is wounded. It sees that he is guarded against hardship as much as he may be, and that the vast loneliness of his soldier duties shall not break his spirit, or render him less the soldier.

Giving to the Red Cross is something like the grandmother who used to say about making good rhubarb pie, "Pour in the sugar as long as your conscience will let you, then shut your eyes and pour in more."

Here, buy a ticket and help the boys Who go to France for you. Buy it today, make no delay. They take this chance for you. Shall you live on and pay no price Accepting this great sacrifice, Do you refuse to do your part?—No? Help, then, your country, make men free

And buy a ticket of me. King at the opera house, Jan. 8. Tickets on sale at Wood's Drug Store. Study Club.—Adv.

F. J. Libby of Exeter, New Hampshire and Miss Alice Libby of Oxford, Ohio, came Friday to spend two weeks with their sister, Mrs. I. B. Auten. M. B. Auten of Camp Custer and Mr. and Mrs. C. W. McKenzie and children of Kalamazoo were also guests at the Auten home the first of the week.

Paul Fritz of Camp Custer came Wednesday to visit his mother, Mrs. Dora Fritz, and other relatives here. He will return to camp again Saturday.

PASSING OF TWO GREENLEAF PIONEERS

JAMES WATSON AND SAMUEL LEEPLA ANSWER FINAL SUMMONS.

Christmas Day Brings Sadness in Novesta Township by Death of Mrs. John Collins.

Samuel Leepa—

Samuel Leepa, who is as well known as any person among the residents of Greenleaf township, died at his home in Cass City early Sunday morning at the age of 70 years.

He was born in the Town of March, Cambridgeshire, England, on Oct. 14, 1847, and left his native country for America on his 19th birth anniversary. He settled in Ohio where he lived one year and then moved to Michigan. He homesteaded land in Greenleaf township in 1869 and on June 18, 1871, was married to Miss Annie E. Bogart of Greenleaf township. To this union two children were born, a son and a daughter. The son, Albert, passed away nearly 30 years ago.

Mr. and Mrs. Leepa lived on the homestead in Greenleaf until five years ago when they moved to Cass City where they have since resided. Mr. Leepa has been poorly for several weeks, and has been seriously ill since Thanksgiving.

Mr. Leepa was a member of the Maccabee fraternity and was prominently connected with the affairs of Greenleaf township. He held various township offices during his residence there and for 30 years was an officer in the school district. He is survived by his wife and one daughter, Mrs. C. P. Lukber of Tacoma, Washington, who came with her two children a few weeks ago to visit her father soon after he became seriously ill.

Funeral services will be held tomorrow (Saturday) afternoon.

James Watson—

James Watson died at his home near Wickware Thursday, Dec. 13, at the age of 90 years, after an illness of two weeks.

He was born in Girvine, Scotland, in the year of 1827. When a young man he went to Canada with his parents and settled at West Minister, a province of Ontario.

He was married to Miss Agnes Harkness in 1849. To this union were born ten children, all of whom are living except one daughter, who died in April of this year. They moved to Greenleaf township, Sanilac county, in 1863, where they have since resided.

Besides his wife, he is survived by five sons, four daughters and thirty-five grandchildren and several great grandchildren, and also two sisters. The funeral was held Sunday from M. E. church of Wickware, Rev. Card officiating. Burial was made in Elkland cemetery.

Mrs. John Collins—

Gloom was cast over the whole community by the sudden death of Hattie Collins, wife of John Collins and daughter of Chas. Ashby, in Novesta township. She was stricken with a paralytic stroke Sunday morning from which she never regained consciousness. She passed away Christmas Day at her home in Novesta at the age of 26 years.

She was born in March 1891 and has always lived at the home where she died with the exception of the first year of her married life which she spent in Northwest Canada. She was united in marriage with John Collins May 31, 1908.

Besides her husband, she leaves a little daughter nearly two years of age, a son of seven years, one sister, Mrs. Helen Barnard of Royal Oak, an aged father, Chas. Ashby, and a number of other relatives. Her mother preceded her in death 18 years ago and her only brother, J. Ashby, only two months ago.

All who knew Mrs. Collins loved her and express sympathy to the grief-stricken family and especially to the father, who having been deprived of both son and daughter in so short a time, sadly feels his loss. He is an old resident of this community, having lived in Novesta more than 40 years and is well known and respected.

Funeral services of Mrs. Collins will be held this (Friday) morning at the Baptist church at Novesta Corners.

Mr. and Mrs. Andrew Wilson and daughter, Iva, started Thursday morning for Bearden, Ark., where they will visit at the home of their son, Robert Wilson. They expect to remain until April 1.

Miss Marie Crandall will leave today (Friday) for Winsor, Ontario, where she will be the guest of her aunt, Mrs. John McKenzie. After New Years Miss Crandall will attend the Detroit Business University.

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H. F. Lenzner, Publisher.

HOME GUARD ITEMS

The appeal for members appearing in last week's issue has been responded to in the right kind of way. Ten fellows have signified their desires to enlist in the company.

To show to what practical use you can put the training you receive with us, if you are drafted or enlist in federal service—several of the boys home from Camp Custer who formerly were members of the company have personally thanked Capt. Kaiser for the training he has given them and told him how much it has helped them get appointments as non-commissioned officers.

Fred Fournier, home on Christmas furlough from Camp Custer, said to one of the officers of the company, "Tell all the fellows here at home for me that they want to get into the home guards and work their heads off. The training they'll get will mean just the difference in becoming a non-com. in just a few days and remaining a private and having to work like the deuce all the time. The fellow who went into camp beside me from Dearborn had had a little home guard training and it's been lots of help to him. I wish I had had too."

An ex-member of the company, who now is in training at the Great Lakes Naval Training camp, says that although the training in the navy is different, still the little work he did here has helped him a lot.

There are now eleven members of our company in various camps training for service in France. They are Jake Anthes, Somewhere in France; Paul Hague, Camp Custer; Joe Dickinson, Ernest Wood, E. S. Lavenworth, Great Lakes Naval Training Camp; Clifford Lucas, Camp McArthur, Waco, Texas; M. B. Auten, Hugh Gardner, Wm Adams and Ernest Croft, National Army at Camp Custer; Lawrence Copeland, Columbus, O.

We still have room for about 50 or 60 new recruits in the home guards. This means you!

The company has placed an order for a service flag in honor of the men who have become members of Uncle Sam's forces.

A. J. Spittler, 1st. Serg.

ELLINGTON.

Julian Gerou spent the week-end with his cousin, Lyman Gerou.

The Christmas exercises at the schoolhouse were well attended.

Miss Mary Pavior spent Thursday at the home of Norman Emmons.

Miss Gertrude Sherman is enjoying her Christmas vacation at her home in Millington.

A Gleaner contest will be held at the hall Friday evening, Dec. 28. Everybody welcome.

Mrs. E. Emmons and sons, Elmer and Clayton, went to Detroit Monday to spend Christmas with relatives.

Mrs. Urvan Cross of Colwood spent the week-end at the home of her parents, Mr. and Mrs. Theodore Turner.

Mr. and Mrs. Chas. Oesterle entertained for Christmas dinner Mr. and Mrs. Glen Lewis of Caro and Mr. and Mrs. Skinner and children.

Mr. and Mrs. Fred Greene of Flint are spending the holidays with their parents, Mr. and Mrs. Amos Greene, and Mr. and Mrs. Ralph Gerou.

Many Historic Events
Have Happened on
New Year's Day

By RENE BACH

EVENTS of utmost historic importance, many of them tragic in character, are associated with New Year's day.

It was on the first day of January, 1513, that Juan Diaz de Solis, the explorer, coasting in a sailing vessel along the eastern shore of South America, discovered and entered the mouth of a mighty river. He called it (by reason of the date) the January river, or Rio de Janeiro, the name it bears and which is also borne by the city at its mouth, the capital of Brazil at the present time.

The tragedy, in this instance, came later. Three years afterward the same adventurous explorer again entered the river mouth. The natives were suspicious of his intentions, and when he landed they captured and killed him, and within sight of his ship roasted his body over a fire and ate it. Thus perished a man who, in his day, was reputed the ablest of living navigators.

Bartholomew Esteban Murillo, greatest of the Spanish painters, was born on the first day of January, 1618. For many years his services were employed by the churches and convents of Seville, which were enriched by his incomparable masterpieces. He earned by his art a considerable fortune. When at the height of his fame he was invited to Cadiz, and there executed his magnificent picture of St. Catherine, the mother of Jesus. Just as the work was on the point of completion he fell from a scaffold and was killed.

It seems rather odd that history should take the trouble to record the death, on January 1, 1630, of so unimportant a person as Thomas Hobson, a carrier of Cambridge, England. He made a business of hiring out horses.

Hobson was merciful to his beasts, and enforced a rule that required for each one of them a certain measure of rest. Those which had not had their proper time of rest he would not allow to go out. "This or none," he would say, indicating the horse that was available for hire. Whence came the familiar term, "Hobson's choice, this or none."

On the first day of January, 1776, the town of Norfolk, Va., was burned, not by the British, who were threatening the place, but by its American inhabitants. Lord Dunmore, the royal governor of the colony, having abandoned the town and sought safety on board of a ship (one of a number of vessels that were under his command in the harbor), found himself in distress for provisions.

The frigate Liverpool, on arriving, threatened to turn her guns loose upon Norfolk, because the people refused to furnish food supplies, but in response the inhabitants set fire to their houses and even wiped out the plantations for a long distance back from the water, in order that nothing in the way of subsistence might be obtainable by the enemy.

Exactly five years later, on January 1, 1781, an incident very alarming to the cause of the American colonists occurred at Morristown, N. J. It was nothing less than a revolt of troops of the Pennsylvania line, who had enlisted for three years' service. The term having expired, they demanded their discharge. The incipient rebellion was promptly suppressed, however.

On the first day of January, 1801, the astronomer Piazzi, at Palermo, discovered Ceres, the first of the minor planets, or so-called "asteroids," revealed by the telescope. It is less than 500 miles in diameter. Since then a great many of these baby sisters of the earth have been "spotted" by enterprising star-gazers, though none of them is so big as Ceres. One of them, Eros, is twins, two little globes revolving about each other. Up to date, 822 of these minor planets have been discovered.

The first day of January, 1810, was made memorable in East Haddam, Conn., by a happening that was in its way wholly extraordinary. There were in the town nine unmarried young women, and it had been decided that husbands must be found for them. Accordingly, in the spirit of an enlightened public enterprise, nine men agreed to marry them, and on the above-mentioned date all of them became wives, an elaborate ceremony and much rejoicing signaling the event.

On New Year's day, 1914, London experienced a most remarkable fog. The city was immersed in a sea of suspended moisture that extended for a distance of 70 miles beyond its outskirts. Business was at a standstill, and many people lost their lives by falling into the Thames river and into canals.

Four years later, on the first of January, 1818, the White House (which had been burned by the British troops in August, 1814) was for the first time thrown open to the public after that tragic event, at a New Year's reception given by President Monroe. Even then, however, the building was still undergoing repairs, which were not completed for more than a twelve-month. It had newly received its first coat of white paint, to conceal the marks of fire that marred the brownish stone of which it was built. The cost of reconstruction was \$246,490.

On the first day of January, 1825, Great Britain recognized the independence of the South American republics.

Paul Revere, hero of the famous ride, was born January 1, 1735.

Mason and Sildell, the Confederate commissioners, left Fort Warren for England January 1, 1862.

President Lincoln issued his proclamation emancipating the slaves January 1, 1863.

These are only a few of the many notable events that have marked New Year's day in history. To give anything like a comprehensive list of them here could not be attempted. Some of the most important happenings of ancient times, in Rome, in Greece and elsewhere, are also associated with the first day of the year.

New Year Hint.

Was it Confucius or Lao-Tse who said, "Good resolutions, like fainting women, should be carried out?"—Philadelphia Ledger.

KINGSTON-NOVESTA
TOWN LINE.

James Bowles of Imlay City spent Christmas at the home of J. D. Funk.

Friends of Mrs. Geo. Lee are glad to see her back at her home here after her long sickness at Fairgrove.

Myron Retherford of Royal Oak spent Christmas Day at his home here.

Mr. and Mrs. Geo. Cooper spent Christmas at home of the latter's parents, Mr. and Mrs. H. Phillips of Shabbona.

Mr. and Mrs. John Retherford, Mr. and Mrs. Howard Retherford and children spent Christmas with relatives at Mariette.

Eber Coleman of Pontiac came home Saturday night for the holidays.

Mr. and Mrs. Benj. Sharp and daughter, Gail, of Deford spent Christmas Day with Geo. Martin and family.

Lee McConnell of Spring Arbor is spending the holidays at his home here.

COLWOOD.

Mr. and Mrs. John McCarthy visited with Mr. and Mrs. H. T. Pardo Wednesday evening.

Mr. and Mrs. Nathan Pattison of Pattison's Corners spent Sunday with Mr. and Mrs. C. D. Andrews.

Mr. and Mrs. Brock Pardo and daughter, Ruth, of Detroit came Saturday to spend the Christmas holidays with relatives.

Mr. and Mrs. C. D. Andrews have moved into the E. A. Dillon house and Mr. and Mrs. Homer Frick are nicely settled in the rooms vacated by Mr. and Mrs. Andrews.

Mr. and Mrs. Roy Voder returned from their wedding trip last Wednesday. Congratulations are extended the newly wedded pair.

The Loyal Workers were entertained last Tuesday evening by Roy Graham at the home of his parents, Mr. and Mrs. John Graham. A nice program was rendered after which oysters and other dainties were partaken of by the crowd.

The sale at Alonzo Bingham's was largely attended and everything sold highly.

ELKLAND-ELMWOOD
TOWN LINE

Mr. and Mrs. Wm. Simmons were Saginaw callers Monday.

Mr. and Mrs. C. Bingham and family ate Christmas dinner at F. Hall's in Cass City.

Mr. and Mrs. Chas. Younglove of Clifford spent Christmas at the home of D. Auten.

Mr. and Mrs. P. Livingston were Caro callers Saturday.

Miss Esther Wald of Saginaw spent Christmas with her mother, Mrs. T. Wald.

Mr. and Mrs. C. M. Livingston of Owendale ate Christmas dinner with Mrs. J. Auten.

Mr. and Mrs. E. A. Livingston and family, Mr. and Mrs. Wm. Simmons and family spent Christmas at the E. S. Simmons home in Gagetown.

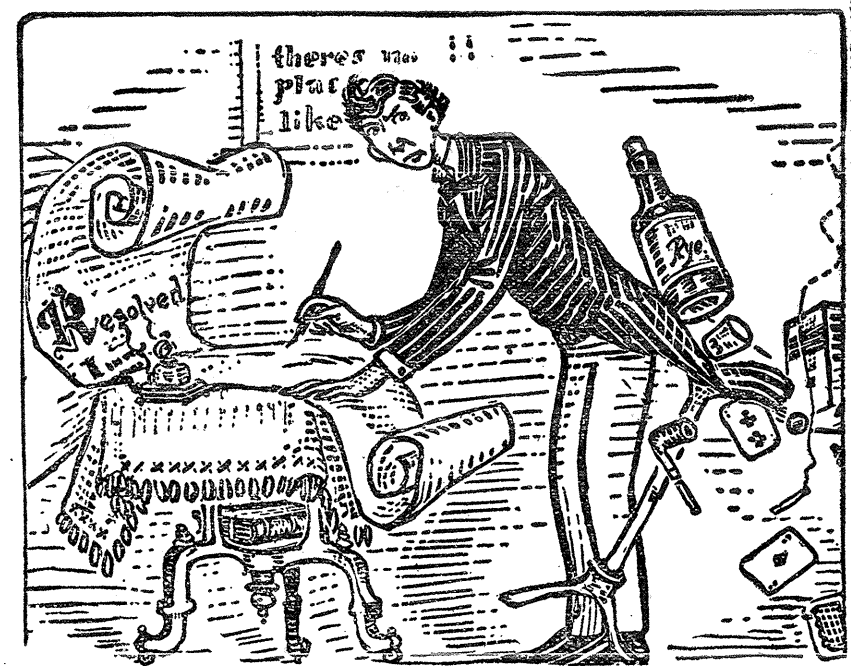
John Anker of Camp Custer came Saturday to spend Christmas with his parents.

George and Doris Livingston visited at A. Daus home Sunday.

Mr. and Mrs. Geo. Seeley of West Branch are visiting at the Chas. Seeley and Wm. Ewald homes.

New Year's Resolutions

By KIN HUBBARD



"So We Start Off th' New Year With Lofty Resolutions. We'll Quit Drinkin', or Chewin' or Smokin' or Swearin'. Maybe Our New Resolutions 'll Include All of 'Em."

No sooner is th' spirit o' Christmas givin' exhausted till we're seized with th' spirit o' retrenchin' an', after a season o' spendin', with th' New Year jest around th' corner we unconsciously fall int' a retrospective mood an' take a personal invoice an' solemnly resolve t' make a better showin' both morally an' financially at th' close o' th' comin' year. So we start off th' New Year with lofty resolutions. We'll quit drinkin' or chewin' or smokin' or swearin'. Maybe our new resolution 'll include all of 'em.

But we never seem t' think o' th' many other things we might eliminate from our program for th' comin' year that would not only better our chances in th' hereafter but which would make th' path o' life far pleasanter fer those who by force o' circumstances are compelled t' tolerate us.

So let those o' us who are perfect, aside from smokin', drinkin', chewin' an' swearin', dig around a little an' see if we can't find a few things besides th' ole moss covered habits aforementioned that we could cut out with profit t' ourselves an' those we mingle with.

Next t' thinkin' only o' ourselves th' worst habit is tryin' t' save ever'thing we make. I don't know, which feller a community has th' least regard fer—th' one who licks up ever' penny he gits his hands on, or th' feller who holds on t' ever' cent that comes his way, but I have my suspicions.

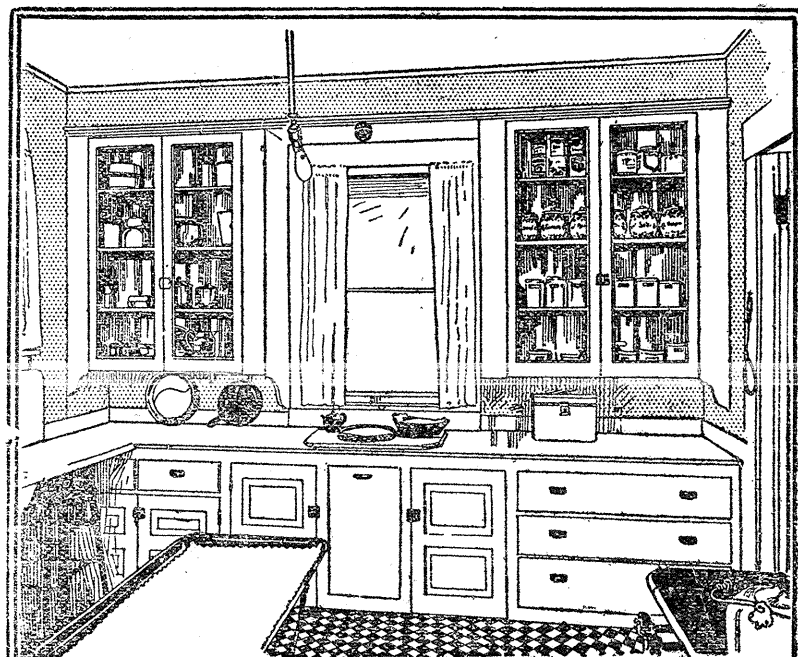
Livin' beyond th' outskirts o' our incomes is another habit that is worse than either smokin' or swearin' an' a habit that is doin' much t' create a widespread distrust in society. Robbin' Peter th' grocer, t' pay Paul, th' auto dealer, kin have but one result.

We never hear o' our women folk makin' any New Year's resolutions. Ther's many things they might resolve t' do besides cuttin' out eggs. Ther resolutions might have a blightin' effect on clubs an' billiard rooms an' other refuges fer th' hen-pecked an' homeless, but they would help t' revive that feelin' o' love an' respect fer women that seems t' be goin' out o' style these days.

Good resolutions accompanied by a great flare o' trumpets last about as long as an ice cream cone in a Turkish bath. Th' feller who boasts that he's goin' t' quit smokin' never throws his pipe very fer, an' th' feller who proclaims from a store box that he's thro' with th' demon rum is about as reliable as th' statesman who says he's thro' with th' Republican party.

Let's do somethin' original this year an' gather up a whole lot o' nasty little characteristics an' try t' do away with 'em fer good. We've all got 'em. If you can't find 'em ask somebuddy who knows you t' point 'em out. They're there.

Ther's lots o' folks who don't chew or smoke or swear er drink whe carry a full line o' mean traits. (Copyright, Adams Newspaper Service.)

What is Home Without
a Kitchen Cabinet

LOTS of people are making their kitchens more convenient and up-to-date and making housework easier by building stationary kitchen cabinets.

Those who are wise use

WHITE PINE

lumber. The doors never warp or twist—the drawers never bind or stick.

And it is so easy to work with, you thoroughly enjoy building anything of WHITE PINE.

If you have shelving to put up—if you want an extra cupboard or a window seat—build it of WHITE PINE and be sure of satisfaction. Even at slightly higher first cost WHITE PINE is the most economical wood.

Complete stocks—prompt service—right prices—always.

CASS CITY LUMBER AND
COAL COMPANY

WE WISH TO ANNOUNCE

That our Bread is now on war footing, made according to Government specification and each loaf weighs 1½ lbs., and sells for 12 cents at your dealers or at the bakery.

We make Rye Bread for your wheatless day. Place your orders early. Try one of our hot pies for your dinner.

CANDY

Candy is exceedingly high this year, but we offer you Pure Home-made SugarTaffy in Chocolate, Vanilla, Molasses or Strawberry flavors at 20c per lb.

Peanut Candy that is chock full of large fresh peanuts at 25c per lb.

HELLER'S BAKERY

WE DELIVER.

The Season's Greetings

We thank you for being one of those whose friendly business prompts this token of appreciation.

T. L. TIBBALS

POULTRY

VEAL - HOGS - RABBITS

For best prices and quick returns ship to Detroit's largest receivers.

A. C. MANN & COMPANY
Eastern Market

Advertise your auction in the Chronicle

Christmas
Savings

Cass City Bank

of I. B. Auten

Established 1882

Capital, \$30,000.

Safety Boxes for Rent.

Celebrate the New Year at the Pastime

MARY PICKFORD in
"THE LITTLE AMERICAN"

Two Days: Evening of December 31.
Matinee and Evening of January 1.

Matinee 20c. Evening 35c. We pay war tax on this picture.



MARY PICKFORD
IN
"THE LITTLE AMERICAN"

For the first time since her appearance in Arcraft pictures, "America's Sweetheart," Mary Pickford, will be seen at the Pastime theatre as a modern American girl in modern gowns, in "The Little American," a gripping patriotic photodrama. In "Less than the Dust," the famous star was seen as an East Indian, in "The Pride of the Clan" as a Scotch lassie, in "A Poor Little Rich Girl" as

a child and in "A Romance of the Redwoods" as a New England girl of the days of '49, but in "The Little American" she blossoms forth as a wealthy young American girl with beautiful gowns and modern costumes by Lucile and Madame Frances. The story, staged by Cecil B. DeMille, deals with the great war and adventures of a girl from the U. S. A. caught in the terrible maelstrom in France.

SATURDAY, DECEMBER 29—Ethel Barrymore in "The Awakening of Helen Ritchie."

COMING—Watch for date of play under Home Guard Co. auspices.

LOCAL NEWS



Alva Palmateer of Deford was a guest at the home of Thos. Colwell on Christmas Day.

Mr. and Mrs. Russ Herman of Elkton spent Sunday at the home of Mr. and Mrs. Mike Fournier.

Mrs. Margaret Hendrick ate Christmas dinner at the home of Mr. and Mrs. Edward Brotherton.

Mr. and Mrs. James Watson spent Christmas day at the home of Mrs. Oliver Walker near Cumber.

Howard and Kenneth McKenzie are spending the Christmas vacation with their aunt, Mrs. Beach, in Kalamazoo.

Mr. and Mrs. Berkeley Patterson and Mr. and Mrs. Chester Pulford of Detroit were guests at the home of Dr. I. A. Fritz Sunday.

Mr. and Mrs. B. J. Dailey and two children, Maurice and Mary, and Mrs. Nellie Kitson ate Christmas dinner at the home of Claud Root.

Mr. and Mrs. Chester Pulford returned Wednesday to their home in Detroit after spending a week at the home of James Tennant.

Mr. and Mrs. Flavius Laforge and son, Maynard, of Detroit are spending the week at the home of the latter's father, T. J. Auten.

Rev. and Mrs. W. B. Weaver and two daughters, Mildred and Zella, and son, Thoburn, of Detroit are guests at the homes of Dr. I. A. Fritz and other friends here.

Dr. and Mrs. Maurice Wood, who have been spending several days at the home of L. H. Wood, went Monday to Durand to spend Christmas at Mrs. Wood's parental home. They returned Tuesday evening to their home in Ionia.

Mr. and Mrs. Everett Mudge are spending the week with relatives in North Branch. Chas. Mudge is filling his brother, Everett's, position at the Crosby & Son store during the latter's absence.

Mr. and Mrs. Clarence Livermore and daughters, Carol and Margaret, of Clifford and Mr. and Mrs. Chas. Tallmadge, Harry Tallmadge and son, Grant, and Mr. and Mrs. Robt. Campbell and daughters, Maxine and Elsie, all of Novesta, were entertained Christmas Day at the home of Roy C. Hulbert.

The KITCHEN CABINET

I have never known persons who exposed themselves for years to constant interruption who did not muddle away their intellects by it, at last.—Florence Nightingale.

PICKLING TIME.

For those who like a few dill pickles the following recipe will be useful:

Put the pickles cut for the table, or not, into a two-quart jar; more will be packed if cut for the table. Add a tablespoonful of salt, a tablespoonful of sugar and a quart of a cupful of vinegar, fill the jar with cold water, with a small bunch of dill; seal and put away for the winter use.

Sweet Red Pepper Pickle.—Grind together five dozen sweet red peppers, one dozen sweet onions; put on to cook in a quart of vinegar for 15 minutes, then add two cupfuls of brown sugar, one tablespoonful of salt and a little celery seed. Boil slowly one hour. This is especially good for a sandwich filling.

Tomato Marmalade.—Peel and slice four quarts of ripe tomatoes, add four pounds of granulated sugar, six large lemons and a cupful of raisins. Put in a kettle in layers and cook one hour, or until quite thick. Cover jars or glasses with paraffin.

Apple Chutney.—Cook two cupfuls of mild vinegar with one cupful of sugar, two tablespoonfuls of mixed spices in a bag, a teaspoonful of salt, a small piece of ginger root and the same amount of sweet red pepper. Boil this five minutes, then strain it over six large apples cut in silvers and one cupful of raisins. Onion and coriander seed are often added. Cook until the apples are soft, then pack in jars and keep well covered.

Pepper Hash.—Chop fine one large head of cabbage and eight sweet red peppers, having removed the seeds from four of the peppers. Mix with a cupful of salt and let stand over night. Next morning drain well, add a quarter of a cupful of white mustard seed, two cupfuls of sugar and a tablespoonful of celery seed. Cover with vinegar and add one extra quart. Put in jars and seal.

Dill Pickles.—Wash and place in a two-quart jar whole or quartered cucumbers, add a tablespoonful of salt, a tablespoonful of sugar a half cupful of vinegar, a bunch of dill, and fill the jar with cold water. Seal and put away for use later.

Nellie Maxwell

"Myrtle, can you cook?"
"No, Lionel. Can you afford to keep an auto?"
"No, dear."
So they did not marry, and they lived happily ever afterward.

Old Year's Party

By Marguerite Hope

It was New Year's eve and a thin old man with a wizened face was sitting by the fireplace. At first sight you would have said that he was rather a disagreeable old chap, but on closer inspection you found out that he had very bright eyes and quite a humorous smile round his mouth.

It was surprising that Old Year was feeling rather sad. It was his last night on the dear old Earth. The next morning, long before it was daylight, he must fly away in a big snowstorm, and New Year, all fresh and rosy and splendid, would take his place.

Old Year wasn't the least afraid of what the future might bring, only he felt a little sad about saying "good-by" to his friends, and a tiny bit jealous about New Year's arrival.

As he sat there musing a pretty little snow flower dropped on the floor at his feet. "You beautiful thing!" he cried. "Where did you come from?"

As he spoke the flower expanded, throwing its petals all over the floor, and a little man stepped out. He was white from head to foot.

"Bless me! If you aren't Brother January!" said the old man. "What brings you to visit me? It's only the thirty-first of December."

"But I'm last January," said the little fellow. Old Year laughed. "Of course you are. You came in my waistcoat pocket and popped out before the others—they were afraid of the cold."

"Oh! glad you haven't quite forgotten me. Now listen, Old Year, we Months have a great scheme for tonight. We're going to feast you in the Ice Palace on Time Mountain. We shall all be there, the whole lot of us, and you must come, too."

"You're very kind," said Old Year. "But really I'm so tired I'd rather sit here and dream away my last hours." "Now, don't talk like that, Old Year, the party can't take place if you don't come. How can we Months hold together without you?"

Old Year smiled. "All right," he said. "I'll come, but all my clothes are worn out."

"Another excuse," cried January. "Come along, they're all waiting. Besides, there's a surprise outside."

Old Year started at the word "surprise," and then he strode out of the house with January on his shoulders.

Now although he had lived every minute of the year there was one thing that Old Year had never done—he had never flown in an airplane. So imagine his astonishment when he saw a great white biplane covered with silver frost outside his door. A gay, breezy little fellow, whom he recognized as March, sat in the pilot's seat. He wore silver goggles and looked every inch an aviator.

Old Year and January got in behind the pilot, and soon the great silvery bird was soaring up into the cold, starry night.

They passed over cities and villages, lakes and forests, and everywhere Old Year noticed preparations for the coming of his successor.

"They'd be surprised if they knew where I was now," he thought. And then he gave up his spirit to the joy of the flight.

Finally Time Mountain came in sight, and as they approached they saw a dazzling sight. The whole mountain was blazing with light, and the trees shone as their boughs radiated electricity.

When the airplane came into view a great cry of joy was heard, and a chorus of happy voices cried:

"Hurrah! for Old Year!" March executed a wonderful volplane and softly the Silver Bird settled to earth at the foot of the mountain. Thousands of little people rushed to greet the Old Year. These were the Minutes and the Seconds. They were dressed in red, sparkling with electricity, and they talked very fast.

Old Year patted them kindly with his big hands. They flew round him very quickly, and in some magic way Old Year was carried to the top of the mountain. There he saw a wonderful ice palace and over the door was written in huge letters "In Honor of Old Year."

Accompanied by the Minutes and seconds Old Year entered the palace, and in the great bright hall he saw 12 of his dearest friends, the Months. Very beautiful they looked in artistic groups about the hall.

January, February and March were standing together in a miniature park, with a lake in the middle of it; they

were winter dresses and February was in skating costume.

April and May were sitting on a grass bank. April was dressed like a beautiful Bloodroot, in a pure white dress, with yellow stars in her hair, and she wore shoes and stockings of a blood red color. May was lovely; she looked like daffodils on a moss bank, and tiny streams trickled off her dress. June was a glorious mass of roses and green leaves. She fluttered with pleasure as Old Year approached her, and threw a rose at him crying: "In memory of the happy morning when you bade me live."

July was resplendent and Old Year felt warm all through when he got near to her. "Beautiful summer month," he murmured, "is this the last time I'll feel you?" As he said this May let one of her little streams trickle down—she was crying for the Old Year.

August wore a sailor costume and smelled of blue grass. September and

October were a mass of colors. It wasn't very long since Old Year had visited them, so they were quite familiar with him. October tossed some of her pretty leaves into his face. This was her way of kissing.

November looked hale and hearty, and December, in snowy robe, carried a Christmas tree over his shoulder.

After exchanging kindly greetings with the whole company, Old Year stepped up to June and asked her to open the ball with him. For reply she strewed him with her petals, and then such a dance began as never was seen before. The Minutes flew in by the windows, and the Seconds jumped out of the cracks in the ice floor. Everyone was giddy with joy and excitement, and Old Year, who a few hours before was meditating by the fire, now danced till even lively June began to weary. Then he took sweet April in his arms and the little red feet and legs positively twinkled round the hall. March executed a wild dance with October, and blew so hard that bits of his partner's dress were strewn over the floor.

At half past eleven some of the Minutes screamed out that supper was served, and Old Year and his friends flew to take their last meal together. Every imaginable dainty was on the table and the dancing had made the revelers hungry.

The Minutes and Seconds ate like lightning, and then one after another, they fell asleep round the table.

They would never wake again, but their short lives had been very happy. Then the Months began to get sleepy, and Old Year too. He sank into a big chair and tired June fell into his arms and slept cozily in their embrace. At last December and Old Year were the only ones awake. Then the clock struck midnight, and they closed their eyes and slept, too.

At this moment some beautiful snowflakes flew in through the windows. They formed themselves into a kind of blanket and wrapped Old Year tenderly in its folds. Just as they were going to cover up his face a pale blue spirit floated over him and kissed his sleeping brow. It was the Spirit of New Year kissing the Spirit of Old Year.

More Time to Work.
One good New Year's resolution is to complain less and work more.

A New Year's GREETING to All Our Friends

By Mr. and Mrs. Eugene T. Shinkle

If you were superstitious I'll tell you what we'd do:

We'd send a bunch of lucky charms to all of yours and you;

A swastika, a rabbit foot, a four leaf clover, too,

A lucky stone, a dry wish bone, also an old horse shoe.

But then you know there is no show for these old charms of yore.

They've had their day, and passed away with myths that's gone before:

So we will send to you, dear friend, our greeting full of cheer,

Our kindest love—hovering above—you all throughout the year.

Never Satisfied.
Flatbush—That dog of yours bit a piece right out of my leg. Bensonhurst—Well, you're never satisfied. You were only telling me the other day that you wished you could lose some flesh."
—Yonkers Statesman.

Heller's Flour and Feed Store

SELLS FLOUR, FEED, CHICK FEEDS, BRAN AND MIDDINGS, OIL MEAL, ETC. DON'T FORGET WE PAY

Cash for Cream Every Day

C. W. Heller

The Exchange Bank

of E. H. Pinney & Son

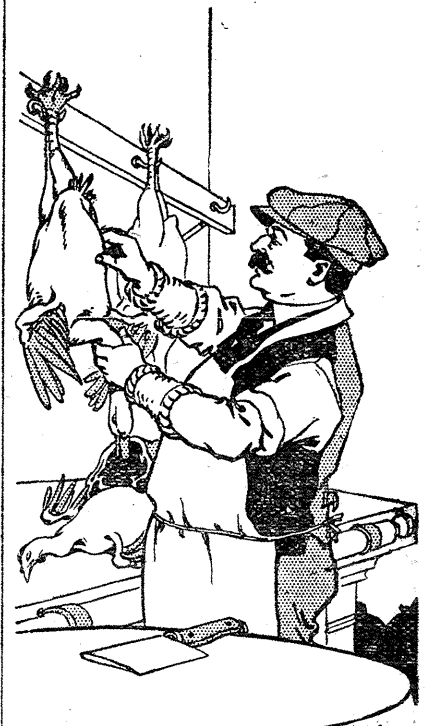
CAPITAL AND SURPLUS
\$50,000.00

Pays 4%

on time deposits from date of deposit if left 3 to 12 months.

Safety deposit boxes for rent at one dollar a year.

We Carry the Finest Line of Poultry All the Year Around



Chickens that are fresh killed.
Fish, steaks, chops.

Everything In the Meat Line

RICKER & KRAHLING

Stories upon Stories—with high ideals

12 Glorious Serials or Group Stories and 250 Shorter Stories and every one with "lift" in it.

The Youth's Companion

Indispensable in quality, lavish in quantity—no other publication in the world like it.

THE 1918 PROGRAMME includes the ablest Editorials written, Articles by the world's brightest men and acknowledged authorities, Current Events, Nature and Science, Family Page, Boys' Page, Girls' Page, Children's Page, Doctor's Corner and a constant run of the world's choicest fun.

52 Issues a Year—not 12—\$2.00

THE YOUTH'S COMPANION, BOSTON, MASS.

CUT THIS OUT

Send this coupon (or the name of this paper) with \$2.00 for The Companion for 1918 and we will send you
1. 52 ISSUES OF 1918.
2. All remaining 1917 Weekly Issues FREE.
3. The Companion Home Calendar for 1918.

SUBSCRIPTIONS RECEIVED AT THIS OFFICE

EXCELLENT WAR CROP

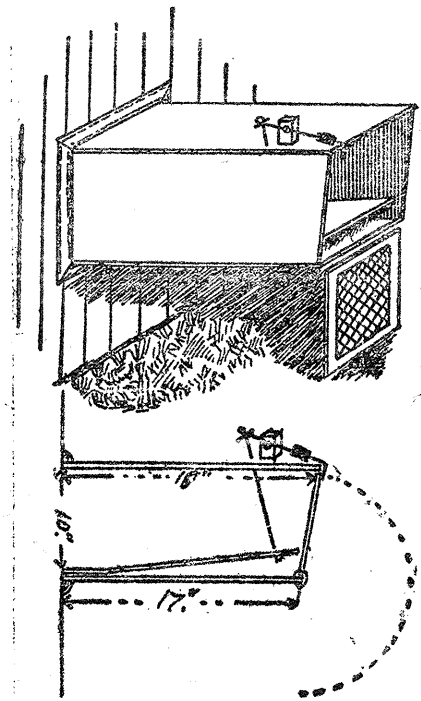
Poultry Offers One of Best Ways of Increasing Food.

Fowls Feed More Economically Than Any Other Farm Animal When Carefully Handled—Little Capital Is Required.

Poultry has been called the crop that never fails. It offers one of the best ways of increasing food production on short notice. Poultry uses feed more economically probably than any other class of farm animal when it is carefully handled. It will produce a pound of meat or eggs on four pounds of grain when protein concentrates are fed. Pullets will begin laying in from 8 to 8 months. Cockerels are ready for market at the age of 12 to 16 weeks.

There is good money in poultry and eggs if the flock is properly managed. Very little capital is required and expensive stock and equipment are unnecessary. Careful management and feeding are more important than expensive equipment.

Laying hens should be allowed to moult naturally. The common idea that if hens are compelled to moult early they will quickly feather out and commence laying early in the fall is erroneous. An early moult is not a sign of early fall production. Usually the late-mouling hen is the heavier pro-



Trap Nest Tells Profits.

ducer. In fact a lack of feather growth is one of the points to consider when selecting hens for winter laying.

Very often show birds are forced into summer molt by a restriction of feed. This is done so that the birds may be in full feather once more for the early show season. This should never be practiced with utility stock. It will cause production to stop and weaken the hens at a time of the year when full strength is needed. It is unwise to change the general character of the feed. The addition of some oil-carrying ingredient, however, such as sunflower seed, will aid in the development of new feathers.

Chickens may be produced economically on city and suburban lots by utilizing the food wastes from the kitchen. Under such conditions, hens may be kept profitably for egg production. On farms, chickens thrive on bugs, insects and worms, seeds, wild berries, weeds and grasses, and give the cheapest meat product pound for pound.

The labor required by chickens is slight, which is an important consideration when man-labor is scarce. It can be performed by women, children, convalescents and elderly people.

ATTENTION TO THE WOOD LOT

Burning Over Destroys Leaves and Humus-Forming Material—Cut Out Undesirable Trees.

Don't let anyone persuade you to burn over the wood lot. By doing so you destroy the leaves and humus-forming material which nature intended the trees to have.

Cut out only the undesirable and least-valuable trees. Keep the chestnuts, hickories, oaks and white pines, and remove all crooked and defective trees.

Where several trees stand closely together, or where there are shoots from an old stump, remove all but one or two of the best.

Be very careful not to injure the desirable trees when removing those wanted for fuel.

Study your wood lot. Its trees and their characteristics and be guided by the knowledge and experience acquired.

MAKE ALL HOUSES RATPROOF

Farmers Should Take Necessary Precaution to Save All Food Produced This Year.

E. W. Lehmann of the University of Missouri College of Agriculture suggests that since farmers are doing their utmost to produce maximum crops they should also take necessary precautions to save the food produced. One method of conservation is to eliminate this loss caused by rats and mice. Concrete may be used to keep them out of the basement. Concrete floors may be built for new corn cribs and granaries and small mesh wire netting can be placed in the walls. Old cribs and granaries, chicken coops and poultry houses should also be made ratproof.

LOCAL NEWS

G. H. Burke spent Tuesday and Wednesday with relatives in Marlette.

The W. C. T. U. will meet this (Friday) afternoon with Mrs. A. D. Mead.

Mrs. Nancy Craft and son, Owen, are spending the week with relatives in Detroit.

James Greenleaf and Levi Delong were business callers in Cumber on Wednesday.

Mr. and Mrs. John F. Seeley of Caro were guests at the I. B. Auten home yesterday.

Robert Booth of Bay City was a guest at the John Muntz home from Friday to Monday.

C. F. Collins left Monday to spend a week with his father and sister at Silver Springs, N. Y.

Clare Patch of Detroit was a guest at the home of Mrs. C. DeMotte from Saturday to Tuesday.

P. S. Rice went Monday to spend Christmas at the home of his sister, Mrs. S. Bentley, in Fenton.

Mr. and Mrs. Harry Vickers went Tuesday morning to spend several days with relatives in Caro.

Mrs. C. P. Miller and daughter, Irene, are guests at the homes of C. D. Striffler and J. F. Emmons.

Melvin Geno of Pontiac was a guest at the home of his mother, Mrs. Ida Geno, for a few days this week.

Mrs. R. H. Lloyd of Flint was the guest of her parents, Mr. and Mrs. J. M. Bittner, a few days this week.

G. E. Dickinson, John Murphy and the infant child of Mr. and Mrs. Frank Gordon are on the sick list.

Clare Keating of Detroit was the guest of his uncle, E. W. Keating, and other friends here the first of the week.

Eber Gale, who is now employed in the Buick factory at Flint, is spending the week with his mother, Mrs. S. Gale.

Mr. and Mrs. Walter Vickers of Caro were guests at the home of Harry Vickers from Thursday until Tuesday.

Miss Lena Brown left Wednesday morning for Detroit where she will be employed in the office of an insurance company.

Mrs. G. A. Tindale and daughters, Harriett and Dorothy, left Wednesday morning for a week's visit with Detroit friends.

Mr. and Mrs. Howard Fairchild and daughter, Frances, of Gault, Ont., are guests at the home of Dr. F. L. Morris this week.

Mrs. A. D. Gillies returned Monday from Detroit where she has been visiting at the home of her son, A. Blake Gillies.

Mr. and Mrs. Cass Younglove of Clifford are visiting at the home of their daughter, Mrs. Delbert Auten, near Gagetown.

Mr. and Mrs. Herman Doerr, who have been visiting relatives here the past week, returned Tuesday to their home in Detroit.

The Misses Edna Colwell and Joyce Feuster of Akron were guests at the home of Thos. Colwell from Friday until Wednesday.

Orrin DeHaven of Kalamazoo came Monday to spend several days with his family who are visiting at the home of Mrs. C. DeMotte.

Watson, the young son of Mr. and Mrs. Wilson Spaven, underwent an operation on Wednesday for removal of tonsils and adenoids.

Mrs. Etta Rowley and daughter, Miss Merle Rowley, of Highland Park were the guests of relatives and friends here from Saturday until Tuesday.

Mrs. D. F. Schiele and two sons, Edward and Wellington, and daughter, Clara, are guests of relatives in Elkton this week from Wednesday until Saturday.

Dr. S. A. Bradshaw, Mr. and Mrs. I. Walker, Misses Mabel and Clara Willerton and Cor. Albert Willerton spent Sunday with relatives and friends at Argyle.

William Hurley, Cameron Wallace, Wm. Walters and Cyril Klein and the Misses Ersel and Addie Wallace and Mary Hessinger attended a dancing party in Caro Tuesday evening.

Relatives of J. Stanley Bien were given a surprise last Friday when they received announcements of his marriage to Miss Ruth Rebecca Mumby, daughter of Mr. and Mrs. Chas. Mumby, sr. The marriage took place in Detroit Jan. 20, 1917.

Mr. and Mrs. Geo. Cridland entertained the following at their home near Wickware on Christmas Day: Mr. and Mrs. Alex Henry and family of Cass City, Mr. and Mrs. John Jackson and Mrs. Wm. Fisher of Wickware and Jacob Maxwell of Claypool, Indiana.

Miss Clara Willerton has resigned her position as clerk at B. J. Dalley's store and will leave Tuesday morning for Big Rapids where she will pursue a commercial course at the Ferris Institute.

Mr. and Mrs. Wm. Crandall entertained the following guests at Sunday dinner: Mr. and Mrs. Jacob Hurley and the Misses Carrie and Margaret Hurley, and William Hurley, William Adams and Frederick Fournier. The three last named were home from Camp Custer for their Christmas vacation.

Mrs. Jesse Bullock is ill with tonsillitis.

W. L. Ward was a business caller in Caro on Wednesday.

Ralph Earl of Kingston was a caller in town on Wednesday.

Mr. and Mrs. Earl Heller spent Wednesday in Detroit.

Doris, little daughter of Mr. and Mrs. Frank Bliss, is quite ill.

Miss Edna Wood is spending the week with relatives in Marlette.

Samuel Champion is moving his office into the Sheridan Building.

Chas. Klinkman of Flint is spending the week with relatives here.

Harvey Hyde and Ed. Andrews went to Detroit on business Thursday.

Alvin Ward of Detroit visited from Saturday until Tuesday at his home here.

Mr. and Mrs. H. Willis of Pontiac spent Sunday at the home of James Delong.

W. H. Anderson and Chas. Tedford were business callers in Caro Thursday.

Wm. Weldon, Floyd Hopps and I. W. Hall were business callers in Caro Monday.

Lieut. Preston Allen came Wednesday to spend a few days at the home of John Krapf.

Glenn Reid of Detroit visited from Saturday until Tuesday with relatives and friends here.

Miss Ellen Walch of Detroit is spending the week as the guest of Miss Maud Finkle.

Floyd Carpenter of Flint spent Christmas at the home of his mother, Mrs. Amy Gekeler.

Mr. and Mrs. John W. Thiel of Hobart, Ind., are the parents of a young son, born Dec. 20.

Carroll Clark of Caro came Wednesday to spend a few days at the home of Lester Bailey.

Miss Mildred Kasonke is spending the week at the home of her aunt, Mrs. Wm. Cliff, near Elkton.

Stilson Rumble spent Monday and Tuesday as the guest of his brother, James Rumble, in Deckerville.

Dougald McIntyre returned Saturday to Detroit after spending several weeks as the guest of relatives here.

Mr. and Mrs. Henry Becker of Bagot, Manitoba, are guests at the home of the latter's sister, Mrs. A. A. Brian.

Miss Grace Lang of Detroit and Harry Lang of Cleveland came Tuesday to visit at the home of James Greenleaf.

Miss Margaret McArthur and Miss Martha McArthur of Lapeer left Friday for Chicago where they will visit relatives.

Mr. and Mrs. Wm. Beachcraft of Caseville and Mr. and Mrs. C. W. Heller ate Christmas dinner at the home of Earl Heller.

Mrs. W. O. Marshall and daughter, Irene, visited from Tuesday until Thursday with Mr. Marshall, who is employed in Detroit.

Mrs. Jene Calhoun of Bay City came Wednesday to visit at the home of her sister, Mrs. Wm. Murphy, on South Seeger street.

Miss Eleanor Bigelow goes today (Friday) to Midland where she will be the guest of her cousin, Miss Laura Foster, for a week.

Mrs. Miller Moore and Mr. Moore, who is in training at Camp Custer, spent Christmas at the home of the latter's parents in St. Johns.

Mr. and Mrs. Floyd Hopps and daughter, Allana, of Highland Park were entertained at the home of Wm. Weldon from Saturday until Tuesday morning.

Friday afternoon, while Myrtle, daughter of Mr. and Mrs. John DeLong, was returning home from school with a number of other children, they decided to cross a field and in climbing a fence Miss Myrtle fell in such a way as to sustain a very badly sprained ankle. The little girl is doing as well as can be expected.

The busy workers of the Cass City Grain company, 37 in number, enjoyed a very delicious three-course self-serve Christmas dinner last Friday in the large work-room of the elevator. A. Frutchey, the senior member of the company, gave \$5.00 to be used towards furnishing for the big dinner or for whatever was needed most. It was finally decided to purchase two clocks to be used in the work-room. After the dinner three cheers were given for the cooks.

Music of Our Anthem. Does any one know who composed the music of "The Star Spangled Banner?" The hymn "Anacreon in Heaven," composed by John Smith, an Englishman, about 1770, is the original music of our national anthem, according to an official of the United States marine corps. Anacreon was an ancient Greek poet, a sycophant and a great drunkard. The young Maryland lawyer, Francis Scott Key, set the words of his masterpiece to the tune of Smith's hymnal inspiration.

LABOR.

Labor, if we would but perceive it, is one of the greatest earthly blessings. It rewards with health, contentment of mind, cheerfulness of spirit and sound, refreshing sleep, few of which blessings of life are long enjoyed by those who do not daily, in one form or another, labor.

CHRONICLE LINERS

Red Cross Coffee. The Red Cross will serve coffee Saturday afternoon at Heller's Bakery. Mrs. F. E. Kelsey and Mrs. W. D. Riggs will be in charge.

Radiator "Froz-O-No" at Wood's Drug Store.

Suit Case Lost. Light brown suit case containing children's clothing lost at Inlay City station. Finder please inform Frank Rowder, Cass City. Phone 102-6S. 12-28-1

Blatchford's Calf Meal at Wood's Drug Store.

Rhode Island cockerels for sale. \$1.50 each. W. C. Fredmore. 12-28-1p

Found—Black handled jack-knife. Inquire at Chronicle. 12-28-

Magazines and books at Wood's Drug Store.

Wanted—Washings to do. Inquire at Chronicle office. 12-28-1p

Oh! You chicken. Lice bother you? Consult Wood's Drug Store.

40 bu. of carrots for sale. A. D. Mead. 12-28-2

Thanks to all who made the tokens of friendship, numbering 30, on my 23rd birthday. All such things make life more pleasant in camp. Again, thanks to all. Oscar G. Valentine, Co. C, 310 Reg. Engineers, Camp Custer, Mich. 12-28-1*

Card of Thanks. We wish to thank our friends and neighbors for their kindness and sympathy during our recent bereavement, and also for the beautiful flowers. Mrs. James Watson and Family.

Lost—Pocketbook containing \$15, between Doerr's poolroom and 10c barn. Return to Chronicle. Suitable reward. Sim Bardwell. 12-28-1p

Ten-room house and barn on North Seeger St. for sale. Enquire at Chronicle office. 12-28-4

Found—A bundle containing lady's underwear, handkerchiefs, etc. Enquire at Chronicle office. 12-28-

Lost—Monday night in Cass City, or east of town, hand bag containing purse and small sum of money. Finder please return to Chronicle. 12-28-1p

Sugar Beet Growers' Meeting. There will be a meeting of the Sugar Beet Growers of Tuscola Co. at Saginaw Jan. 4, 1918. Important business is to be transacted at this time. If you are interested in getting a better price for your beets, don't fail to attend. Clarence Donahoe, Sec. Tuscola Co. Beet Growers' Association. 12-28-1

Heavy Jumbo Knit sweaters at Crosby & Son's from \$4.00 to \$10.00. 10-19-

Board and room for two at Myrtle McLellan's. 11-9-tf

Wanted—Girls and Women. Steady work. \$1.25 a day to beginners with advancement. Room and board, everything modern, at the company's boarding house, at \$3.00 a week. Write for information Western Knitting Mills, Rochester, Michigan. 7-27-13

See the new Jack Tar, Lion Brand collar at Crosby & Son's. 10-19-

I have another piece of linoleum 12 ft. wide for sale; also three pieces of floor covering 6 ft. wide. All are new. G. L. Hitchcock. 10-19-

Organs for Sale. For cash or on time payments. Lenzner's Furniture Store. 5-4-

Shipping Tags. Do you use them? We print them in all sizes. Come in and order 500, 1,000 or more printed to suit your wants. The Chronicle.

Wedding Bells. Should not ring before invitations printed by the Chronicle on special high grade stock have been sent to your friends. If the charming bride to be will honor us with a visit we will gladly show her specimen cards from which to make a selection.

Neat Looking Stationery. Business stationery printed to suit particular people. We have a fine stock of bond papers—plain, linen and ripple finish. You'll find a nice selection at the Chronicle Printery.

Buzz saw and engine outfit for sale cheap. George Burt. 12-21-2p

80-acre Farm for Sale. Section 26, Koylton, Tuscola Co., Mich. Good house, barn, wells, fences, well drained. John Clothier, Marlette, Mich. For further information call at J. N. Dorman's. 12-21-

Eight-room house and barn in a very desirable location. Apply to G. A. Striffler. 11-17-

Raincoats at Crosby & Son's from \$4.50 to \$12.00. 10-19-

For immediate sale—house, barn and two lots on East Houghton St. Terms. Leaving city. W. H. Anderson. 12-14-tf

Read the ads. today.

Treasurer's Notice. I will be at the Cass City Bank Saturday, Dec. 22 and 29, and Wednesday, Jan. 2, to receive the taxes of Elkland township. C. J. Striffler, Township Treas.

Family Album Found. Photograph album with celluloid cover found in Cass City. Inquire at Chronicle office. 12-28-

We Thank You

In appreciation of the business you have given us in the past and in anticipation of its continuance through the coming months, we wish to express our sincere appreciation. May happiness and prosperity be yours for Nineteen-Eighteen.

CASS CITY DRUG COMPANY.

A Happy New Year to all is the wish of

N. Bigelow & Sons

GOLDEN HORN FLOUR
\$12.40 per Barrel

CORN

An embargo exists on shipping corn east of Illinois and Iowa line, and it will be some time before we get corn.

GROUND CORN AND OATS

We have in a carload put up in

100 lb. Sacks at \$2.90 per 100 lbs.

\$57 PER TON

This is a high grade feed—try it.

Cotton Seed Meal \$3.00 per cwt.

Middlings \$2.75 per cwt.

The Farm Produce Co.

You Can Trade the Article You

Don't Need For Something You Do

by Advertising Through the

Chronicle's Ad. Columns.



We dearly wish for all

our friends and customers, a New Year full of

Happiness and Prosperity

at the same time we want to remind you of the 1095 meals to be provided for during the year. Your happiness and prosperity will be added to by assigning us the contract.

¶ We also wish to thank you one and all for your most liberal patronage which has made our holiday business of 1917 the best we have ever enjoyed and we can assure you that 1918 will find us in every respect ready and pleased to serve you.

Yours with best wishes,

E. W. Jones

PHONE 86

WE WISH TO THANK our patrons for the very generous trade we have enjoyed, not only the past year, but for the past thirteen years and trust our past service will merit even a larger share the coming year.

Wishing you a most Happy and Prosperous New Year.

Yours for Service,

L. I. Wood & Co.

John Wanamaker Says:

"It seems to me that retail advertising is a very simple matter in these times, when the newspaper goes into every home in the land. I believe that the retail merchant who fails to advertise, fails in his duty to his customers. The public has a right to know what a merchant is doing; it has a right to know what sort of goods he has in his establishment, and what kind of service he renders and what the conditions of his service are. It has a right to know when he receives new goods, and has a right to know what the new goods are like. "No merchant nowadays ought to expect the public to give him its patronage unless he comes out frankly and tells the public what reasons he has to expect its patronage. And he ought to do this in the daily newspapers—or the weekly newspapers if there is no daily in his town. That's the way for him to stand fair and square with the people whom he expects to come in and buy his goods."

"Let his advertisement be the truthful news of what he is doing, and let him print it in the newspaper, where news belongs, and then he will be playing fair with the public and deserving of its confidence."

Advertise in The Chronicle.

CHRISTMAS GUESTS.

A. C. Edgerton of Detroit spent Christmas with Cass City friends.

Ernest Croft of Camp Custer spent Christmas at his home in Sheridan township.

Dr. J. D. McHerron of Caro was the guest of his cousin, E. W. Jones, over Christmas.

Wm. Wetters of Bay City was a guest at the J. A. Caldwell home on Christmas Day.

Mr. and Mrs. Roy Ottaway of Gagetown spent Christmas Day at the home of Chas. Rogers.

Mr. and Mrs. G. A. Striffler and son, Irvine, spent Christmas Day at the home of John Dickson.

John Dickson of Detroit came Saturday to spend Christmas with his family in Novesta township.

Mr. and Mrs. I. Walker and Dr. S. A. Bradshaw ate Christmas dinner at the home of George Russell.

Miss Ethel Carson of Flint came Saturday to spend her Christmas vacation at her parental home here.

Miss Miriam Fritz returned Wednesday to Detroit after spending Christmas at her parental home here.

Mr. and Mrs. John Wagester of Linkville were among the guests at the Wm. Akerman home Christmas Day.

The Solomon Striffler and P. A. Koepfen families were entertained at the Travis Schenck farm home on Christmas Day.

Miss Myrtle Van Horn of Detroit came Saturday to spend Christmas at her home here, returning to Detroit again Wednesday morning.

Mr. and Mrs. Orris Reid spent Christmas Day at the home of the latter's parents, Mr. and Mrs. Bernard Dolwick, near Colling.

Mr. and Mrs. Mike Fournier and son, Kenneth, spent Christmas at the home of the latter's parents, Mr. and Mrs. John Beninger, at Gagetown.

Mr. and Mrs. G. W. Landon and two children, Delbert and Margaret, and D. H. McColl of Greenleaf spent Christmas at the home of R. A. Rich in Deckerville.

Corporal Albert Willerton of Camp Custer spent Sunday and Monday at the home of his sister, Mrs. I. Walker. He returned to Camp Custer Tuesday morning.

Miss Ruth Bittner and B. Stuart, both of Detroit, were guests of the former's parents, Mr. and Mrs. J. M. Bittner, over Christmas. Mr. and Mrs. Bittner and their guests enjoyed Christmas dinner at the Gordon Tavern.

Mr. and Mrs. G. E. Krapf, Mr. and Mrs. John Krapf, Miss Dora Krapf, Mrs. Preston Allen, Mr. and Mrs. D. Elliott, Mrs. M. M. Schwieger and Arlie Spencer were entertained at the home of John J. Gallagher on Christmas Day.

Mr. and Mrs. Bruce Brown, Mr. and Mrs. Geo. Copland, Mr. and Mrs. John Schwaderer, Henry Goodall and Mrs. Jas. Ferguson were entertained at the home of Alfred Goodell on Christmas Day.

Mr. and Mrs. Henry Herr, Mrs. M. J. McGillivray, Norman McGillivray of Camp Dodge, Des Moines, Iowa, and Miss Frances McGillivray of Gagetown spent Christmas at the home of Angus McGillivray.

Mrs. Benj. Clemens of Wilmot, Mr. and Mrs. James Schwaderer of Royal Oak, Ernest Schwaderer of Camp Dix, New Jersey, Mr. and Mrs. Elmer Seed, Chas. Travis and Fred Schwaderer were entertained at the home of Wm. Schwaderer on Christmas Day.

Joseph Dickinson and E. S. Leavenworth, both of whom are now stationed at the Great Lakes Training Station, came Sunday to spend Christmas in Cass City. Mr. Leavenworth was entertained at the A. N. Treadgold home and Mr. Dickinson was the guest of his parents, Mr. and Mrs. L. E. Dickinson.

Glenn Reid of Detroit, Mr. and Mrs. Fred Smith, daughter, Louisa, and son, Morley, Mrs. Grace Allen, Guy Allen, Mr. and Mrs. Roy Allen and son, Merritt, Mr. and Mrs. John Dillman and two children, Robert and Esther, and Mr. and Mrs. I. K. Reid were entertained at the home of Frank Dillman Christmas Day.

Mr. and Mrs. E. McKim went to Detroit Tuesday morning to spend Christmas at the home of the latter's sister, Mrs. Hancock, and to visit with their nephew, Edwin Hancock, who came to Detroit from Camp Grant at Rockford, Illinois, on a furlough. Mr. and Mrs. McKim returned home Wednesday evening.

Today will be celebrated as Christmas Day at the E. McKim home, not because the McKims want to be different from other people, but because the family wished to include Lieut. Aldrich in the celebration of the holiday and he was unable to come from Camp Custer until the latter part of this week. Mrs. Aldrich came from Battle Creek a few days ago to visit at the parental home. Lloyd McKim came from Ann Arbor Friday and Miss Hester McKim from Flint Saturday for a like purpose.

Mr. and Mrs. E. P. Smith entertained for Christmas their daughter, Mrs. C. L. Stoner, and granddaughter, Miss Marie Stoner, of Flint. They also entertained Miss Anne Pullen of Milan. Their son, having received a four-day furlough, accompanied them. He entered military service as a private and was transferred in the medical corps as a bacteriologist in the laboratory of the base hospital at Camp Custer. Mrs. Smith also entertained her two sisters, Mrs. J. D. McArthur and Mrs. Wm. Little, and the latter's son, Arthur.

"WE WON'T WIN IF WE WASTE"

Tested Wartime Recipes

FOR USE IN MICHIGAN

To the Housewives of Michigan:

The following recipes have been prepared and tested at the Michigan Agricultural College under the supervision of Dean Georgia L. White, member of the executive committee of the Michigan food conservation service. They are practical, economical, and of first class dietary value.

They have been prepared with especial view to Michigan conditions—native products being utilized so far as possible, and market prices in this section of the country being taken into special account. They lay down a practical method by which Michigan cooks may assist in the great movement to SAVE FOODSTUFFS. Use them. Help the cause. Help win the war.

GEORGE A. PRESCOTT,
Michigan Food Director.

LIQUID YEAST.

4 medium-sized potatoes, washed and pared; 1 quart hot water; 1 C sugar; 1 t salt; 1 cake dry yeast soaked in 1-4 C lukewarm water or 1 cake compressed yeast.

Grate or grind the potatoes directly into the water. (A food grinder is convenient for the purpose.) Boil five minutes stirring constantly. Wash potatoes. Add sugar and salt; allow the mixture to cool. When lukewarm, add the yeast. Keep at ordinary room temperature (about 70° F) for 24 hours, when it will be ready for use. This should be kept in a cool, dark place. An earthen jar or enamelware pail is a good container for it and should be scalded before the yeast is put into it. One recipe makes six cupsful. 1 cupful equals 1 yeast cake.

If liquid yeast is used in making bread, it may be necessary to add a little more flour (1-2 C or 1 C) than the recipe calls for. In making bread a small amount of dough may be saved for use in place of yeast at the next baking. The same care, however, must be taken with it as with liquid yeast; it must be kept covered and in a cool place.

"OLD GLORY BREAD."

1 C rye; 3 C flour (white); 1 t salt; 2 T shortening (may be omitted); 3 C whole wheat flour; 4 C water; 1 yeast cake, or more according to the length of time allowed for rising.

Add salt and shortening to boiling water; cool to lukewarm; add yeast cake, dissolved in a little of the water. All flours mixed together and knead until smooth and soft. Let rise until double its size. Knead and shape into loaves. Let rise. Bake one hour. This makes four good sized loaves. "Old Glory Bread" is used much in France at present.

OATMEAL MUFFINS.

1-2 C milk; 1 C cooked oatmeal; 1 egg; 2 T fat; 1-2 C flour; 2 T sugar; 1-2 t salt; 4 t baking powder.

Cook oatmeal, using one part oatmeal to two parts water. A large proportion of water makes too soft a mush and gummy muffins. Mix milk, oatmeal, egg, and melted fat. Add dry ingredients after sifting them together. Bake 25 to 30 minutes. This makes 10 to 12 muffins. These muffins are not as light as plain muffins, but flavor is very good.

OATMEAL BREAD.

1 C milk and water or water; 1 t salt; 1 T fat; 2 T sugar; 1 C rolled oats; 2-1-2 C wheat flour; 1-2 cake compressed yeast; 1-4 C warm water.

Scald liquid and pour it over the rolled oats, sugar, and yeast, salt and fat. Let stand until lukewarm (about half an hour). Add yeast softened in warm water. Add flour and knead. Let rise until double its bulk. Knead again and place in a pan. When light, bake in a moderate oven from 45 to 50 minutes.

DATE BREAD.

3 C flour; 1-2 C sugar; 2 t salt; 6 t baking powder; 1 C bran; 1 C milk or water; 1 egg; 4 to 5 T shortening (oleo, Wesson oil, etc.); 11-2 C dates and nuts.

Mix and sift flour, sugar, salt, and baking powder. Add bran and fruit. Add liquid, add egg, and shortening. Bake in loaf.

SOUR MILK GINGERBREAD.

1 C molasses; 1 C sour milk; 2-1-2 C flour; 1-3-4 t soda; 2 t ginger; 1-2 t salt; 1-4 C melted butter.

Mix molasses, and sour milk, and add melted butter. Sift dry ingredients and combine mixtures. Beat thoroughly. Pour into an oiled pan, bake 25 minutes in a moderate oven.

DRESSING.

1-2 C sour cream; 1-2 t salt; 1 t pepper; Yolks of eggs grated fine; 1 T vinegar; 2 t melted butter.

Add ingredients to sour cream. Stir dressing well. Pour over the potatoes and egg whites, and mix well. Serve cold.

GRAHAM MUFFINS.

1-1-2 C graham flour; 1 C flour; 1 C sour milk; 1-2 C water; 1-3 C molasses; 3-4 t soda; 1 t salt; 2 T melted shortening.

Mix and sift dry ingredients; add milk to molasses and combine mixtures. Bake in a hot oven.

OATMEAL GEMS.

2 C rolled oats; 1-1-2 C sour milk. Let stand over night or at least 5 or 6 hours. Add 1 egg; 1-4 C sugar; 1 t soda; 1 C flour; 1-2 t salt. Makes 13 gems.

GRAHAM BREAD.

1 pt. sour milk; 1-2 C brown sugar; 2 t soda; 3 C graham flour.

NOTE—In all of these recipes all measurements are level, and T equals table spoon, t equals teaspoon, C equals cup, g equals few grains, d. equals few drops.

Here He Is, Right on Time



CONDENSARY BRIEFS

Fred Roberts and his family spent Christmas with their relatives at Ubyly.

General Manager Chas. Chamberlain of Ubyly was a caller at the factory on Wednesday on very important business.

Miss Viola DeMode entertained a friend from Detroit, who came Friday and remained until Monday as a guest at the DeMode home.

Miss Mabel Willerton went to her home at Argyle to spend the holidays with her parents. She reports having a very nice and enjoyable time.

Our little condensary mascot, Roy Wayne, did very nicely as a big sunflower at the Sunday school entertainment. Do it some more, Roy.

Mr. and Mrs. Rittenhouse and Mesdames Parry and Punzel motored to Gagetown on Sunday afternoon and spent a few pleasant hours with intimate friends.

Fred Smith and his family spent their Christmas Day out in the country with their relatives, and Fred says that they had a very nice time. Glad to hear it.

Dad received quite a few very nice presents from the co-workers of his department, which he was very thankful for and he does greatly appreciate and prize them.

Mr. Willard returned home to his wife, after a long absence at other places. He arrived on Friday noon and he was certainly a very welcome husband. I don't know what would have happened had he not come for Christmas.

Your reporter was at the Presbyterian church Christmas entertainment on last Sunday night and was very much pleased to see Dad and his daughter and Mr. and Mrs. Jones and other young gentlemen and their ladies there. That was right. It was a very good place to be seen at, but was sorry that I saw some more of our boys standing on the corners.

The factory worked on Christmas Day, not because they liked to, but because it was necessary for them to work to get the milk condensed that the dairymen brought in, and it kept them busy nearly all day. They were satisfied to work when they know that our milk which we are filling now is needed very badly by the poor of Belgium. Some good patriotic employees at the factory.

There were quite a few visitors at the factory on Christmas Day. A good many from out of town came with their friends to see the factory, and I was very glad that everything was running in good shape, so that they could see how things were done. The manager had guides ready to take everybody around, to show them and also to explain every little thing that they wanted to know.

Monday was one of the big days for the factory. They received about 50,000 pounds of milk on that day, and they got away with it without any trouble. I am pleased to say that the way that the factory is going at the present, that they can get twice as much through and canned and boxed. The manager told your reporter that the supply is increasing every day, and that by spring the factory will be running at its full capacity.

John Neuber has succeeded in getting the desired number of tile in the ground and covered this fall. They average 29 1/2 inches in depth and have a water fall of 4 to 8 feet for 160 rods. He now has 60,000 tile in the ground and intends to put in 40,000 more next year which will complete the tiling of his 200 acre farm and make it one of the most up-to-date in the state.—Elkton Review.

"The new cook I secured is certainly quiet," said Mr. Duggs happily. "One would never know she is about the place."

"She isn't," chimed in Mrs. Dubbs. "She left this morning."

DEFORD.

Clark Silverthorn is home from Idaho.

Mrs. Wm. Kilgore was in Cass City Wednesday.

Thos. Gillies' sale last week was well attended.

Mr. and Mrs. A. L. Bruce of Caro spent Christmas with relatives here.

Seth Roberts of Saginaw spent over Christmas with his parents, Mr. and Mrs. Geo. Roberts.

William McCain of Pontiac is spending the holidays with his cousin, Alvah Spencer.

Mr. and Mrs. Nichol of Caseville spent Christmas with their parents, Mr. and Mrs. Wm. Parks.

Mr. and Mrs. Geo. McArthur ate Christmas dinner with their parents, Mr. and Mrs. Chas. Henderson, sr.

Mr. and Mrs. Neil Kennedy and son, Roderick, spent Christmas at the home of Warner Kelley in Cass City.

Mrs. Harold Silverthorn spent over Sunday at her parental home in Caro. Her brother, Andrew Wright, was home from Camp Custer.

Mrs. Algier Clark and sons returned to her home in Pontiac Monday after spending a week with her parents, Mr. and Mrs. Geo. Walker.

Mr. and Mrs. Harvey Palmateer and daughter, Mabel, Mr. and Mrs. Geo. Spencer and sons, Seth and Alvah, were guests at the home of J. Wells Spencer Christmas Day.

MARRIAGE LICENSES.

Raymond Duff, 25, Marlette; Minnie Thomas, 26, Decker.

Edward Schmidt, 26, Carsonville; Clara Erbe, 24, Carsonville.

Harry Collins, 22, Marlette; Eunice Cousins, 21, Marlette.

Roy M. Dennis, 20, Snover; Ida E. Allan, 18, Snover.

Artemus Emeigh, 32, Lexington; Elsie Kirk, 19, Applegate.

Roy H. Dale, 22, Marlette; Dora Higginson, 20, Marlette.

Arday Murray, 23, Valley Center. Lottie Muir, 31, Valley Center.

John W. Taylor, 26, Sandusky; Cynthia Hill, 22, Sandusky.

Stuart B. Nicol, 28, Sandusky; Edith Wilkins, 22, Custer.

Guy Brown, 23, Roseberg; Cora Wanamaker, 24, Buel.

Clifford E. Humphrey, 21, Crosswell; Ruth Atkins, 20, Melvin.

Robert Mordlin, 22, Port Sanilac; Iva Yeagers, 17, Port Sanilac.

Leslie Roberts, 20, Maple Valley; Beatrice Brown, 18, Maple Valley.

Chas. D. Niemeyer, 37, Sandusky; Ila McDonald, 27, Carsonville.

CHURCH CALENDAR.

Christian Science—Services are held every Sunday morning at 11:00 and Wednesday evening at 7:30. Subject for Sunday, Dec. 30, is "Christian Science."

Church of Christ—The annual business meeting will be held Wednesday, Jan. 2, at 2:00 p. m. at the church. All members are urged to be present.

Lynn Union, W. C. T. U., will meet with Mrs. Henry Stone January 3. Meeting called promptly at two o'clock and every member is asked to respond.

Pope's Initials.

Alexander Pope was a victim of his initials. After the publication of the Dunciad one of the poet's enemies, who had suffered a severe trouncing in the satire, declared that if you took the initial letters of Pope's name and added the final letter of his surname you had his character.

The "jest" caught on, and in 1728 appeared a pamphlet entitled "Pope Alexander's Supremacy and Infallibility Examined." The frontispiece to this now forgotten pasquinade represented Pope in the form of an ape, with his head resting on his hand and his elbow placed upon a pile of his own works.

Advertise it in the Chronicle.

You can trade the article you don't need for something you do by advertising.

The Ranch at the Wolverine

By B. M. BOWER

(Copyright by Little, Brown and Company)

CHAPTER IV.

The Mystery of the Missing.

WHEN Charlie Fox rode down to the Wolverine a month or so later, tied his horse under the shed and came up to the cabin as though he knew of no better place in all the world; when he greeted "mom" as though she were something precious in his sight and talked with her about the things she was most interested in and actually made her feel

Directory.

I. D. McCoy, M. D.
Office in Pleasant Home Hospital
Phone 89-38.

F. L. Morris, M. D.
Phone 62.

DENTISTRY.

I. A. Fritz, Resident Dentist.
Office over Cass City Drug company.
We solicit your patronage when in need of dental work.

P. A. Schenck, D. D. S.,
Dentist.

Graduate of the University of Michigan.
Office in Sheridan Bldg., Cass City, Mich.

A. J. Knapp, Funeral Director
and Licensed Embalmer. Mrs. Knapp,
Lady Assistant with License. Night
and day calls receive prompt attention.
City Phone.

R. N. McCullough

AUCTIONEER

Make dates and arrangements
for farm and other sales with
the Chronicle at Cass City.

REAL ESTATE

If you want to buy or sell, farm or
residence property call and see us.

FRITZ & WAIDLEY

Office with I. A. Fritz, Dentist.

NEW HOME
SEWING MACHINES
MODELS OF PERFECTION.

PERFECTLY
SIMPLE
SIMPLY
PERFECT.

Needles, Oil, Belts and all kinds of Sewing
Machine supplies, Repairing a specialty.
C. D. STRIFFLER, CASS CITY

For Croup--Mothers--
Always Keep This Handy

The day of the Croup scare is over
for those parents who wisely keep
Foley's Honey and Tar Compound in
the home ready for instant use.

Mrs. Chas. Reitz, Allen's Mills, Pa.,
writes: "I have used Foley's Honey and
Tar Compound for the past eleven years
and would not be without it. It has
saved me many a doctor's bill for colds
and croup."

If toward nightfall the little ones
grow hoarse and croupy, if their breath-
ing becomes wheezy and stuffy, give
them Foley's Honey and Tar Compound.
Many a careful mother has been able to
ward off an attack of spasmodic croup
by its timely use.

If you are awakened by the hoarse
brassy cough that means croup, give
Foley's Honey and Tar Compound at
once. It will ease the little sufferers
quickly, cut the thick choking phlegm,
and soon they will have easy breathing
and peaceful quiet sleep.

***Every User Is a Friend.

L. I. Wood & Co. Cass City Drug Co.



Get a Can Today

Let US PRINT
YOUR
SALE BILLS

as if he were immensely interested also, Billy Louise simply could not help admiring him and liking him for his frank good nature and his kindness. She had never before met a man just like Charlie Fox, though she had known many who were what Ward once called "parlor broke."

It was not until Charlie was leaving that he gave Billy Louise a hint that his errand was not yet accomplished. She walked down with him to where his horse was tied and so gave him a bloom against the dull brown of the chance to speak what was in his mind.

"You know, I hate to mention little worries before your mother," he said. "Those pathetic eyes of hers make me ashamed to bother her with a thing. But I am worried, Miss Louise. I came over to ask you if you've seen anything of four calves of ours. I know you ride a good deal through the hills. They disappeared a week ago, and I can't find any trace of them. I've been looking all through the hills, but I can't locate them."

Billy Louise had not seen them, either, and she begged for particulars. "I don't see how they could get away from your cove," she said, "unless your bars were down."

"The bars were all right. It was last Friday, I think. I'm not sure. They were in the little meadow above the house, you see. I was away that night, and Aunt Martha is a little hard of hearing. She wouldn't hear anything unless there were considerable noise. I came home the next forenoon—I was over to Seaback's—and the bars were in place then. Aunt Martha had not been up the gorge nor had any one come to the ranch while I was gone. So you see, Miss Louise, here's a very pretty mystery."

"You think they were driven off, don't you?" Billy Louise asked a question with the words and made a statement of it with her tone, which was a trick of hers.

Charlie Fox shook his head, but his eyes did not complete the denial. "Miss Louise, I'd work every other theory to death before I'd admit that possibility. I don't know all of my neighbors so very well, but I should hesitate a long, long time."

"It needn't have been a neighbor. There are lots of strange men passing through the country. Did you look for tracks?"

"I did not. I didn't want to admit that possibility. I decline to admit it now." The chin of Charlie Fox squared perceptibly, so that Billy Louise caught a faint resemblance to Marthy in his face. "I saw a man accused of a theft once," he said. "The evidence was—or seemed—absolutely unassailable. And afterward he was exonerated completely. It was just a horrible mistake. But he left school under a cloud. His life was ruined by the blunder. I'd have to know absolutely before I'd accuse any one of stealing those calves, Miss Louise. I'd have to see them in a man's corral, with his brand on them—I believe that's the way it's done out here—and even then—"

"Where have you looked?" There were reasons why this particular subject was painful to Billy Louise. "And are you sure they didn't get out of that pasture and wander on down the Cove, among all those willows? It's a perfect jungle away down. Are you sure they aren't with the rest of the cattle? I don't see how they could leave the Cove unless they were driven out."

"Yes, I thought of that—strange as it may seem." Charlie's voice was unfeigned. On the contrary, he seemed glad that she took so keen an interest in his affairs. "It has been a week, you know, since they flew the coop. I did hunt every foot of that Cove twice over. I drove every hoof of stock up and corraled them and made sure these four were not in the herd. Then I hunted through every inch of that willow jungle and all along the bluff and the river. Miss Louise, I put in three days at it, from sunrise till it was too dark to see. Then I began riding outside. There isn't a trace of them anywhere. I had just bought them from Seaback, you know. I drove them home, and because they were tired, and so was I, I just left them in that upper meadow as I came down the gorge. I hadn't branded them yet. I know I've made an awful botch of the thing, Miss Louise," he confessed, turning toward her with an honest distress and a self-flaying humility in his eyes that wiped from Billy Louise's mind any incipient tendency toward contempt. "But you see I'm green at this ranch game. And I never dreamed those calves weren't perfectly safe in there. The fence was new and strong, and the bars are absolutely bars to any stock larger than a rabbit."

"I hate to bother you with this, and I don't want you to think I have come whining for sympathy," he said after a minute of moody silence. "But, seeing they were not branded yet—with our brand—I thought perhaps you had run across them and paid no attention, thinking they belonged to Seaback."

Billy Louise smiled a little to herself. If he had not been quite so "green at the ranch game" he would have mentioned brands at first as the most important point instead of tacking on the information casually after ten minutes of other less vital details.

"Were they vented?" she asked, suppressing the smile so that it was merely a twitch of the lips which might mean anything.

"I—yes, I think they were. That's what you call it when the former owner puts his brand in a different place to show that his ownership has ceased, isn't it? Seaback puts his brand upside down."

"I know Seaback's vent," Billy Louise cut in. There was no need of letting such a fine fellow display more ignorance on the subject. "And I should have noticed it if I had seen four calves vented fresh and not rebranded."

Why in the world didn't you stick your brand on at the same time?" Billy Louise was losing patience with his greenness.

"I didn't have my branding iron with me," Charlie answered humbly. "I have done that before, when I bought those other cows and calves. I—"

"You'd better pack your iron next time," she retorted. "If you can't get a little bunch of calves ten miles without losing them—"

"But you must understand I did. I took them home and turned them into the Cove. I know—I'm an awful clump at this."

"The calves may not be absolutely lost, you know. Why, I lost a big steer last spring and never found him till I was going to sell a few head. Then he turned up, the biggest and fattest one in the bunch. You can't tell. They get themselves in queer places sometimes. I'll come over tomorrow if I can and take a look at that pasture and all around. And I'll keep a good lookout for the calves."

Many men would have objected to the unconscious patronage of her tone. That Charlie Fox did not, but accepted the spirit of helpfulness in her words, lifted him out of the small natured class.

"It's awfully good of you," he said. "You know a lot more about the bovine nature than I do, for all I put in every spare minute studying the subject. I'm taking four different stock journals now, Miss Louise. I'll bet I know a lot more about the different strains of various breeds than you do, Miss Cattle Queen. But I'm beginning to see that we only know what we learn by experience. I've a new book on the subject of heredity of the cattle. I'm going home and see if Seaback hasn't stumbled upon a strain that can be traced back to your native mountain sheep."

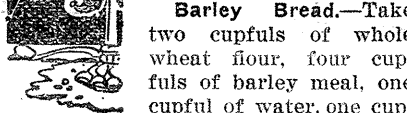
Continued next week.



Go boldly forth, and feast on, beings, banquet; Thou art the called,—the rest admitted with thee.

DIFFERENT KINDS OF BREAD.

Many housewives are using half patent flour and half straight grade flour in making bread. This lessens the cost considerably and gives a dark bread which is very moist and altogether palatable.

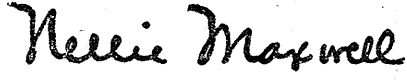


Barley Bread.—Take two cupfuls of whole wheat flour, four cupfuls of barley meal, one cupful of water, one cupful of milk, two tablespoonfuls of molasses, one-half cake of compressed yeast and one teaspoonful of salt. Boil the milk and water and cool. Add molasses, salt and yeast mixed with a little cold water. Stir in the flour and barley meal, which have been sifted together. Knead to a soft dough adding more flour if necessary. Cover and let rise until the mixture is double its bulk. Knead a second time, form into loaves, place in well-greased pans and let rise a second time until its bulk is doubled. Bake from a half hour to an hour, the time depending upon the size of the loaves.

Rice Bread.—Take a cupful of water, one compressed yeast cake, a teaspoonful of salt, two tablespoonfuls of molasses, two teaspoonfuls of shortening and the fourth of a cupful of flour and one and one-half cupfuls of cooked rice. Add flour as needed to make a soft dough, form into loaves and let rise until double its bulk, then bake.

Rolls Oats Bread.—Scald one cupful of rolled oats in one cupful of boiling water. Make a sponge of one cupful of water, one cake of compressed yeast, a teaspoonful of salt, two tablespoonfuls of molasses and one of shortening with a cupful of flour. Add the rolled oats, knead into a loaf and when well risen bake.

Cornmeal may be used in place of the rolled oats to make cornmeal bread. Rolls or biscuits may be made of any of these recipes. When the dough has risen the first time the rolls may then be shaped and allowed to rise until very light.



Summer Boarders.

"Do those city boarders of yours make themselves at home?"
"Nope. Some o' them would never think of actin' the way they do if they was in their own homes."

What to Do When
Backache Comes on

"Foley Kidney Pills have done me more good than \$100.00 worth of other medicine," writes Chas. W. Fox of Kinross, N. Y.

When backache comes on, and it seems as if you can't stand the pain and pressure in the small of your back and sides, do not feel that you must continue to suffer, but get a bottle of Foley Kidney Pills and begin taking them. They usually help from the very first dose.

It is worth a good deal to you to know that Foley Kidney Pills give you just what your system needs to repair the weak sick kidneys. It is their inability to do their work properly that causes your pain and misery. Foley Kidney Pills lend to middle-aged and elderly people the spryness and elasticity of youth. They take away the cause of backache, stiff and aching joints, rheumatic pains and annoying bladder and urinary troubles. Try them today.

L. I. Wood & Co. Cass City Drug Co.

BROOKFIELD.

Miss Sarah Bingham and Roy McIntosh spent Sunday at Mrs. V. Bingham.

Harold and Arthur Ricker returned Saturday from Detroit for their holiday vacation.

Miss Nellie Crawford returned from Mount Pleasant Friday night for her holiday vacation.

Miss Francis McDonald of Cass City returned Friday for her holiday vacation with her parents.

Misses Mabel and Nellie Crawford entertained Sunday Miss Maude and George Hendershot and Edgar B. Wood of Gagetown.

Mr. and Mrs. Wesley C. Harder and family entertained Sunday, Mr. and Mrs. Alfred Fisher of Gagetown, Mr. and Mrs. Clare Stafford and family and Miss Elmer Williamson.

Mr. and Mrs. Guy Bailey and son,

Mr. and Mrs. Arthur Wood and family, Misses Hazel and Ethel Carson, Eleanor Williamson and Ella Harder spent Sunday afternoon with Ernal Lloyd, who is no better at this writing.

Fred Dhyse of Camp Custer is spending his four days' vacation in our midst and at his parental home at Grindstone City. We are glad to see Fred back. He looks good and feels good, and likes it very much at the camp.

CENTRAL GREENLEAF.

Happy New Year!

Word was received from Mrs. William Brown that she arrived in Winfred, So. Dakota, Lake Co., all safe and sound.

William McCaslin of Argentine, Genesee Co., who has been visiting his cousins, Fred and Chas. McCaslin,

for two weeks, returned to his home Monday, Roy and Ray McCaslin returning with him. Before coming home, they will visit at Flint.

Miss Hattie Seeger of Ypsilanti is spending a week with her mother, Mrs. Andrew Seeger.

The Baptist Aid will meet at the home of Mrs. Wallace Gilbert Jan. 8, 1918.

There will be only one week of vacation at the Stone school.

Clarence Kolb of Camp Custer is expected home to spend Christmas with his parents, Mr. and Mrs. Geo. Kolb.

Mrs. Z. P. Lang is nursing at the home of George Seeger.

Visiting Cards.

Get them printed at the Chronicle print shop in 50, 100, or larger lots.

Advertise it in the Chronicle.

Ask the Cow!

That's all we ask--let the cow decide! Ask any cow you've got! Yes, just try feeding

Larro-feed

to any one of your cows, and if in a reasonable length of time she does not show a MARKED IMPROVEMENT, yes, if you are not entirely satisfied WE RETURN YOU YOUR MONEY for the first two sacks used. We repeat if you are not entirely satisfied we return you your money for the first two sacks used.

LARRO-FEED consists of High Grade Cotton Seed Meal, Gluten Feed, Distillers' Grains, Dried Beet Pulp, Wheat Bran, Wheat Middlings and 34 to 1% salt. Fresh car just arrived. We will sell at \$60.00 per ton while it lasts. Try it.

Cass City Grain Co.

Phone 61

PUBLIC SALE

L. E. McEldowney, Auctioneer

Because of my wife's ill health, I will move to a smaller farm and offer the property listed below at auction 5 miles west and 1/2 mile south of Cass City, or 3/4 miles northeast of Elmwood store, on the I. Waidley farm,

Friday, January 4

COMMENCING AT TEN O'CLOCK:

HORSES.

Bay horse 12 years old, wt. 1400
Bay horse 12 years old, wt 1300
Gray mare 12 years old, wt. 1200
Pair of matched Clydesdale colts, 3 and 4 years old, wt. 2600

CATTLE.

Cow 10 years old, due Dec. 28
Brindle cow 6 years old, due Dec. 28
Spotted cow 6 years old, due Mar. 2
Spotted cow 6 years old, due Mar. 7
White faced cow 12 years old, due Mar. 15
8 yearlings
4 calves
20 Oxford ewes
Oxford ram
10 pigs 2 months old

IMPLEMENTS.

McCormick grain binder
McCormick corn harvester
McCormick wheel rake
Corn King manure spreader
Sterling hay loader
Sterling side delivery rake
Deering mowing machine
Wagon Roller Disc
3-section spring tooth harrows

Spike tooth harrows
Bean puller
2 Gale two-horse cultivators
Little Giant cultivator
Beet cultivator, nearly new
Check row corn planter
Set double harness, nearly new
Set double harness
Set single harness
Empire grain drill
John Deere sulky plow
Harrow truck
American cream separator
Horse clippers
100 bu. oats
2 stacks corn in stalks
Quantity seed peas
1/2 stack straw
Quantity bean straw

HOUSEHOLD GOODS

Bed and set, springs
Quantity of carpet
Fall leaf table
2 milk cans, 10 gallon
Progressive incubator and brooder, nearly new
Whiffletrees, neck yokes, shovels, chains, hoes and other articles too numerous to mention.

FREE LUNCH AT NOON

TERMS—All sums of \$5.00 and under, cash; over that amount, 12 months' time on good approved endorsed notes at 7 per cent interest.

C. S. BIXBY, Proprietor

When New Year's Calls Were Made

Col. Terwilliger Bluegrass Loquitour.

Folks somehow aren't as sociable as in the good old days. When, sah, a certain grace an' cha'm

Distinguished social ways; For instance, sah, on New Year's Day.

When chivalry arrayed In feathers fine would gathah, sah, An' New Year's calls were made.

We greeted one another, sah, With smile an' cotly bows, An' round the brimming punch-bowl sah,

We gracefully mu'm'd "How!" And conversation sparkled, sah, With wassail's kindly aid— But that was in the golden days When New Year's calls were made.

Pure nectah was that New Year's punch— How generously it flowed! The season's compliments were passed;

One's health, sah, fairly glowed. The recent generations, sah, Old customs have betrayed— But, ah those olden, golden days When New Year's calls were made.

—Paul T. Gilbert in Cartoons Magazine.

Patents.

Application for a patent must be made in writing to the commissioner of patents at Washington. The applicant must also file in the patent office a written description of the invention or discovery and of the manner and process of making it in such full, clear, concise and exact terms as to enable those skilled in the arts and sciences to which it appertains or with which it is most nearly concerned to construct and use the same. When the nature of the case admits of drawings the applicant must furnish them of the required size. In all cases which admit of representation by model the applicant, if required by the patent office, must furnish a model.

Our Illiterates.

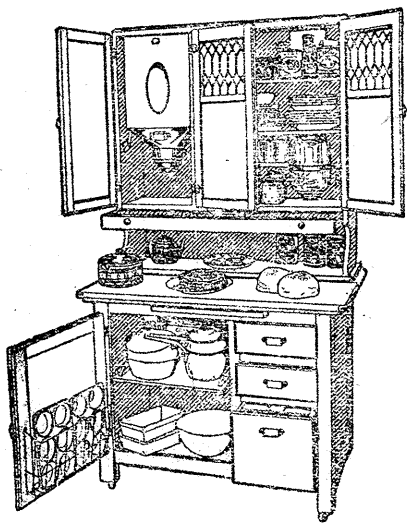
In various ways there were gathered into this country at the time of the last census 5,500,000 illiterates. Were these segregated they would make a nation larger than Switzerland or as large as Denmark and Norway combined.

It would be a nation without Bibles, without songbooks, without magazines or newspapers, without banks, without railways, without pens, pencils or writing paper and one supplied with only the coarsest commodities of trade. I heard an illiterate woman say that she couldn't recognize a two dollar bill until she was twenty-five years of age. "Square money," with its printing, is not as popular with them as "round money."—Exchange.

Be Modest.

When you git on de hilltop don't say nuttin' 'bout it; de worl' will find you ef you's dar, an' anyhow, it won't do ter shout halleluah till you know you kin hold yo' ground.—Atlanta Constitution.

Kitchen Cabinets



Don't get old before your time. Doing housekeeping the old-fashioned way is nothing but drudgery. And you don't need to do it. There's an easy way. It saves steps, saves labor, saves money. It's a Kitchen Cabinet. Nearly all women have kitchen cabinets today—you, too, can have one. We have them in different models. You will find one here to suit your kitchen and to suit you.

Prices have been placed very low. COME IN TODAY.

Lenzner's
Furniture Store

CARE OF DAIRY CALF

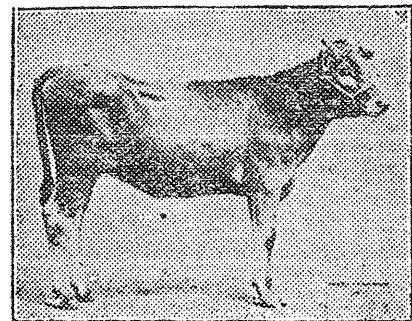
Labor Expense in Raising Heifer Is Not Large.

Stockman Who Has Disease-Free Herd Is Assuming Risk of Introducing Disease When New Animal Is Purchased.

(By R. S. HULCE and W. B. NEVENS.)

During the past five years the feed cost of raising a heifer to two years of age has probably been about \$80, except where cheap pasture was available. The total cost of raising includes also the items of labor, housing and miscellaneous expenses. In considering the latter items it is well to mention the fact that on the ordinary farm the additional labor expense which the raising of a few calves involves is not large. The expense involved makes it apparent that unless the animal is from ancestry the females of which are capable of producing product that will sell for more than the expense of producing it, the heifer should not be raised. On the other hand, the stockman who has a disease-free herd is assuming a risk of introducing disease when a new animal is purchased. Considerations such as these confront every owner of dairy cattle.

The importance of feeding the calf regularly cannot be overemphasized.



Jersey Calf One Year Old.

The digestive capacity of the young calf is not suited to receive large quantities of milk at a time, but is better adapted for receiving small amounts often. A young calf fed milk three times daily will thrive better than if fed the same total amount in two feeds, providing the milk is always fed in a uniform condition.

A general guide for using whole milk is to feed it at the rate of one pound daily to each eight pounds of live weight, rarely feeding more than 12 pounds per day. The length of the time whole milk should be fed will depend quite largely on whether skim milk is available. If skim milk is to be had, it can be fed to good advantage at the rate of about 15 pounds daily, instead of 12, to calves of the larger breeds. The use of factory skim milk has several disadvantages as compared with fresh, farm-separated milk. If the milk is pasteurized at the factory, it may be too warm to feed when it reaches the farm in the forenoon, and at night it will need warming. In summer there may be times when the factory skim milk will sour during the day, so that it is difficult to keep the milk in a uniform condition for calf feeding. In the feeding of calves, sudden changes either in quality or quantity of feed are to be avoided if the best use is to be made of the feed.

Diseases such as tuberculosis and foot-and-mouth disease may be carried by skim milk unless it is thoroughly pasteurized at the factory.

CLOVER CROP PLOWED UNDER

Humus May Be Largely Saved by Plowing Under in Fall—Nitrogen Also Is Conserved.

Clover cut and allowed to remain on the surface of the ground for seven months from fall to spring loses about the same amount of organic matter as when fed to live stock, according to recent experiments at the Ohio experiment station. This amount of humus may be largely saved by plowing the crop under in the fall.

G. E. Boltz, assistant chemist, in a discussion in the station's monthly bulletin, says that only about one-third of the clover remained in the spring when the crop was left on the surface. When it was plowed under, about three-fourths of the original weight was found in the spring.

From analyses of the drainage water it was found that four times as much nitrogen was lost from the plot with clover lying on the surface as from that having clover incorporated in the soil.

FENCE CORNER FOR QUINCES

Out-of-Way Place in Garden or Back Yard Easily Made to Yield Profitable Crop.

Quinces succeed well in any out-of-the-way corner. It has been said that the quince is essentially a fence-corner tree and an odd corner of the garden or backyard may easily be made to yield a veritable wealth of the most exquisite of jellies, conserves and marmalades, where commonly nothing but weeds would grow.

MAKE BUTTER OF WINDFALLS

No Better Way of Utilizing Sound Portions of Bruised and Wormy Apples in Fall.

There is no better way to use good apples and the sound portions of windfall, wormy and bruised apples than to make apple butter of them. While almost all varieties of apples will make good apple butter, those with distinctive flavor and good cooking quality are most satisfactory.

SHABBONA.

Happy New Year!

Sleighing is gone.

Earl and Mrs. Phetteplace were in Cass City Friday.

Mrs. Andrew Lorentzen is numbered with the sick.

Geo. Agar of Pontiac was a pleasant caller in town Monday.

Charles Smith, son of Ed. Smith, is very sick with scarlet fever.

\$43.65 was the Christmas offering at the M. E. S. S. last Sunday.

Mr. and Mrs. Wm. Meredith spent Sunday with their son, Charles, of Laing.

Mrs. Roy Brown and son, James Grant, of Cumber are spending the Christmas holidays at the home of her parents here.

Jas. McMahon and daughter of Argyle and Hannah McMahon and J. P. Brennin of Detroit visited at the home of J. P. Neville Monday.

Mr. and Mrs. Ed. Meredith of northern Michigan visited their parents, Mr. and Mrs. Wm. Meredith, and other relatives here last week.

Mrs. Chas. Parrott was suddenly called to Saginaw on Friday where her husband was seriously hurt and is in St. Mary's hospital. Latest reports are that he is getting along nicely.

CUMBER.

Geo. Putman of Detroit is calling on friends in this vicinity this week.

Miss Sarah Robinson of Cass City is spending her vacation at her home here.

Mr. and Mrs. Chas. Lowe left Monday to spend Christmas with their daughter, Mrs. C. McLean, at Pt. Huron.

Josh Sharrard of Hay Creek and Anna Mae Robinson of this place were quietly married in Saniac Center Wednesday. We all wish them good luck.

The box social and bazaar that were held in this place Dec. 14 by the Ladies' Aid was fairly well attended,

considering the very cold night. The neat sum of \$65.25 was made. The aid wishes to thank all who helped in it in any way.

The Volunteer Band of the Cumber M. E. S. S. meet at the home of Samuel Robinson Friday evening, Dec. 21. The evening was spent in social entertainment, a delicious self-served supper was enjoyed. Everybody reports a good time. The next meeting is at the home of Wm. Robinson Jan. 25. Everybody come.

The S. P. I. class will be entertained Friday evening by Miss Sara Robinson at her home. Everybody invited.

Christmas guests at W. Robinson's were: Mr. and Mrs. Cyrus King and son, Gerald, Misses Martha and Clara Gibbard and Thomas Gibbard and Geo. Pettinger; also Geo. Putman of Detroit.

We were all surprised last week at the news of the marriage of Miss Anna Robinson and Joshua Sharrard at the M. E. parsonage in Sandusky. Both well known here. They have the best wishes of all.

CANBORO.

Jay Andrews was a caller in Owendale Saturday evening.

Mr. and Mrs. Richard Jarvis were callers in Elkton Tuesday.

Mr. and Mrs. Chas. McDonald were callers in Elkton Friday.

Lewis Jarvis attended the Mutual insurance meeting at Bad Axe Monday.

Chas. McDonald is enjoying a visit from his brother, William of North Branch.

Mrs. C. Lambkin met with a hard fall Thursday evening and was quite badly hurt.

William Parker, sr., and Miss Lydia Parker were callers in Owendale Tuesday.

Mr. Kinietz left Saturday to spend the winter with his children in Detroit and Royal Oak.

Mr. and Mrs. Frank Maxfield near Cass City called on Mr. and Mrs. Roland Hartsell Monday.

The teacher, Miss Nicholand, and the scholars of the Canboro school gave a Christmas program and tree Friday afternoon which was very good.

McHUGH.

Misses Sylvia Coulter and Maud Brown of Detroit are spending the holidays with the former's parents. Harry Mitchell and Mr. and Mrs. Jos. Graham of Pontiac are visiting friends in these parts.

Chas. Severance and son, Louis, are spending a few days visiting in Flint.

ASTOUNDING REPORT FOR CASS CITY

The wife of a merchant had stomach trouble so bad she could eat nothing but toast, fruit and hot water. Everything else would sour and ferment. One spoonful buckthorn bark, glycerine, etc., as mixed in Adler-i-ka benefited her instantly. Because Adler-i-ka flushes the entire alimentary tract it relieves any case constipation, sour stomach or gas and prevents appendicitis. It has quickest action of anything we ever sold. Cass City Drug Co.—Adv. 1.

The Chronicle, one year, \$1.50.

To Our Customers and Friends:

¶ The spirit of the season prompts us to express to you appreciation of our pleasant business relations during the past year and to most heartily wish you health and prosperity for the coming year.

Striffler & Patterson

To The Milk Producers of Cass City and Vicinity

If you want to help Uncle Sam; send us your milk.

If you want to help our boys in the trenches; send us your milk.

If you want to help our army somewhere in France; send us your milk.

If you want to help our navy; send us your milk.

If you are not going to the trenches yourself, do your bit over here; send us your milk.

By helping us you will be doing your bit for Uncle Sam and his fighting boys.

These boys are over there fighting for us, let us do our share of fighting for them on this side.

If you want to help the Belgium relief; send us your milk.

We are doing our bit, are you doing yours?

Hires Condensed Milk Co.

Cass City, Michigan

RABBITS FOR MEAT

Belgian Hare Is One of the Best for Table Use.

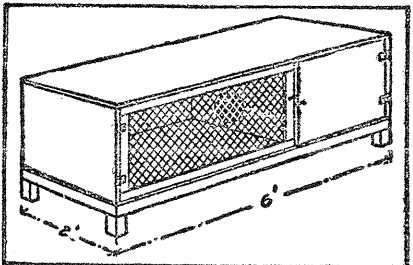
QUALITY OF FLESH SUPERIOR

Much of Excellence of Animals Depends on Rapidity of Its Growth, and Still More on Manner of Cooking It.

(Prepared by the United States Department of Agriculture.)

By the production of domestic rabbits on farms and in the back yards of villages and even of cities, the meat supply of the country may be considerably augmented. Such rabbits may be easily grown and can be propagated without costly investment in land and buildings.

The Belgian hare is one of the best rabbits for table use. It weighs more than most breeds, develops very rapidly, and the quality of the meat is superior to all the others. The Flemish giant is a cross between the Belgian hare and other breeds, developed especially for large size, with the result that the flesh may be slightly coarser in mature animals. With young hutch



Convenient Rabbit Hutch.

rabbies, few persons can distinguish differences in the quality of the flesh of the various breeds. Much of the excellence of the rabbit as food depends on the rapidity of its growth and still more on the manner of cooking it. As often prepared, it is dry and insipid; but in the hands of an experienced cook it becomes all that the most fastidious taste can wish. An especial requirement in cooking the Belgian hare is that none of the natural juices of the meat be lost in the process.

The directions herein given for the care of Belgian rabbits are applicable to the management of most other breeds.

Selection of Stock.

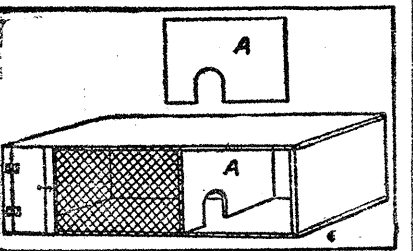
If rabbits are bred for food only, the selection of stock is of less importance than when they are bred for show purposes. All that is required is a sizable animal of good, hardy stock. However, the points for which the fancier breeds the Belgian hare include also those most desirable in a food animal, so that if one can find stock with these characters well marked, and at the same time constitutionally sound, he should by all means obtain it. Pure-bred stock is more profitable, too, because it may be sold for breeding purposes as well as for the table.

General Standards.

Belgian hare fanciers of a few years ago differed somewhat in opinion as to the proper standard of color for this animal. Some aimed at the color of the wild English hare—a sandy light brown. Most American breeders seem to have preferred a deeper reddish brown. In all other respects the standards were the same. The chief requisite concerning color is that it shall be as nearly uniform as possible throughout the upper surface of the animal and that the fur shall have a rich luster. The "ticking," or shading, should be wavy rather than dotted. The belly and the lower surface of tail and hind feet should be whitish, but not pure white. The neck and breast should be somewhat lighter in shade than the back, but not in marked contrast with it, nor should the change in shade be abrupt.

Ears.—The ears of the mature Belgian should be about 5 to 5½ inches in length, varying with the size of the animal. They should be well shaped, strong at the base, and almost transparent at the middle. They must not be pendulous, but should, when the animal is quiet, be inclined backward, resting straight over the shoulders. A narrow black edging at the tip and as far down the front and back as possible marks the best stock.

Body.—The body of the Belgian is longer in proportion to the whole bulk than that of any other breed of the



Simple Outdoor Hutch.

same size. Bucks and the younger females should never have the appendage known as "dewlap." This sometimes develops in the older ones, but is regarded as a blemish in animals intended for show purposes. The back should be only slightly arched, and the forelegs and feet should be perfectly straight and free from white.

Age of Breeding Stock.—The beginner should always select mature animals about a year old for breeding stock. These may be known by the brisk, alert look, the small white teeth, and the small claws, almost hidden in the fur. Coarse, long claws are a sure indication of age. Listless-looking

rough-coated, or pot-bellied animals (except pregnant does) should be rejected, especially those having the whites of the eyes stained with yellow. A hutch rabbit in good health is gentle, neither savage nor overtimid, and does not scream when lifted by the ears.

The Sexes.—The does selected for breeding may be of the same strain and even of the same litter, but the buck should be of different stock, and when possible obtained from another breeder. Hardy young animals with the best characteristics of the breed may be bought at from \$1 to \$2 each. Often they may be had of nearby breeders, thus saving the expense of carriage on long journeys by express.

Hutches and Pens.

The Belgian hare does not do well when kept wild in open warrens. The common English rabbit is better for this purpose. A good many Belgians have been turned out in various parts of the United States, and in the vicinity of the city of New York and on the western coast this has resulted in some complaints of damage to crops. As a rule, however, and fortunately for the farmers, these animals, when obliged to shift for themselves, fall an easy prey to their enemies and disappear within a few months.

Belgian hares may be managed successfully in two ways: (1) Entirely in hutches, or (2) in outdoor fenced runs, or courts, with hutches for does when having young, and sleeping hutches for other stock. The hutch system with various modifications is the more common and is the only method adopted by rabbit fanciers who raise for show. The use of small runs or rabbit courts to give the animals healthful exercise in fine weather is of advantage.

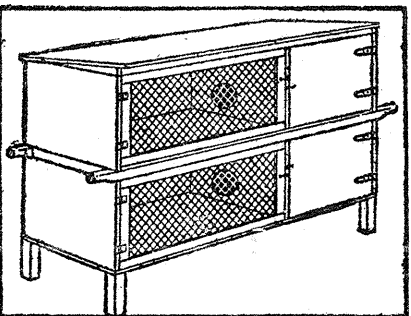
The Rabbitry.

The rabbitry may occupy part or all of a barn or shed, or be built in a sheltered space in the angle between buildings or walls. The indoor rabbitry has decided advantages. The place should be well ventilated, but not subject to drafts of cold or damp air. These may be prevented by ventilators in the roof, or by a system of elbowed pipes passing through the sides of the building and reaching a height of two or three feet above the openings.

Hutches.

Hutches for the Belgian hare should be somewhat larger than those intended for smaller breeds. They should be built of good lumber, have tight floors, and have at least 12 square feet of floor space and a height of two feet. If there is plenty of room in the rabbitry it is best to have the hutches separate; but they are usually set in tiers or stacks, two or three in height. Each hutch in the rank is complete in itself, so that its position may be shifted at any time.

A convenient indoor hutch is one 6 by 2 by 2 feet, with a movable partition dividing off a third of the space at one end for a nest and sleeping chamber. The partition has a smooth hole to permit passage of the animals from one part to the other. The front of the hutch has two doors, one of wire netting, the other of wood. The wooden door opens to the sleeping chamber and should close tightly. It is best



Movable Outdoor Hutch.

to use metal hinges for the doors. The partition may slide in a groove between the doors or may be put in and taken out through one of the door openings.

Outdoor hutches should have sloping roofs and overhanging eaves to protect them from rain. The screened door should have a sliding cover of wood or be fitted with a removable cloth cover. Small holes bored near the top of the hutch will afford all necessary ventilation.

Movable hutches have some advantages. They may be carried outdoors in fine weather and taken back under shelter at night or during storms. Long, narrow cleats projecting at both ends of the hutch are all that are needed to convert the ordinary hutch into a movable one.

Courts.

A rabbit court may be paved or floored, or it may be a grass court surrounded by a rabbit-proof fence. Sleeping hutches inside the court may be small boxes of any sort if they are stout and water-proof. They should have sliding doors to confine the rabbits if desired, and should also have small holes near the top for ventilation. If a court is used, hutches will still be needed for breeding does.

A rabbit-proof fence to inclose a grass court should be made of heavy poultry netting 5 or 6 feet wide and of 1½-inch mesh. The posts, projecting 3 or 4 feet above the ground, should be well set outside the edge of the court. The netting is stapled to the posts, leaving a projection of 6 inches or more at the top and about 18 inches at the ground, to be turned into the court. The lower edge should be covered with 10 or 12 inches of soil to prevent the animals from digging out. The upper edge also is turned inward to keep them from climbing out. Brackets at the tops of the posts make the best support for the overhanging netting, although horizontal pieces of wood nailed to the posts will answer.

Camp Libraries to Supply Soldiers With Best Reading Matter

Nothing is being left undone for the comfort and mental recreation of the men who are preparing to serve their country in the various training camps and cantonments throughout the country. The Y. M. C. A. was early in the field and besides its many activities, providing for the moral and spiritual welfare of the men, it did all it could to provide proper reading matter for them. But the need of libraries furnished in a more adequate and scientific way was so largely felt that the United States government requested the American Library association to undertake the work.

At once, it was decided to raise a million-dollar war fund; not so much for the purchase of books as for the erection of suitable library buildings at every cantonment; for the transportation of books and for the purpose of securing the service of skilled librarians. The first step in the formation of the organization in charge of the million-dollar war fund was the appointment by Secretary of War Newton D. Baker of ten nationally known men and women to constitute a library war council.

United, and co-operating with the war service committee are most of the prominent authors of the United States; practically all of the publishers, who have proved willing volunteers; and practically all of the leading members of the library profession. All these are working in conjunction with the library war council, the commission on training camp activities and the war department itself.

One of the heaviest items of expense at the beginning of the work is the erection of 32 camp-library buildings at the various cantonments throughout the country. Each building will be 40 by 120 feet in size, one-story high, and will have accommodations for 8,000 or 10,000 books, newspapers and magazines, and living quarters for the staff. It is hoped and expected that each of these libraries will be in charge of a trained librarian. In each camp it is planned to have a library headquarters with books and periodicals for reading-room use, together with a system of distributing agencies; affording to the soldiers a kind of first-class city public library service.

A careful survey of the entire field determined that \$1 is the amount necessary for the purchase, maintenance

and circulation of one book. One dollar, it has been figured, will furnish a book, keep it in circulation until it is worn out, replace it when it is retired for physical disability, and all the time pay a share of the expense of properly housing and caring for these libraries in the various camps.

It is not to be imagined that the stupendous task of furnishing the soldiers with books; equipping, establishing and maintaining libraries, both stationary and traveling, is undertaken with, primarily, an educational idea. The books are needed not only to provide recreation for the soldiers when they are off duty, but to help counteract evil influences in the vicinities of the camps and cantonments. Books to read will help to make the camps so wholesome and attractive that the forces that tend to take men away from their duty will lose, at least part, of their charm.

There is no desire on the part of the American Library association nor the library war council to thrust educational books at the heads of men already tired from training and from fighting and who would desire recreation rather than the acquisition of knowledge. The aim has been and will be to provide in abundance volumes of short stories and novels of the more popular sort; and these when they are purchased, from the present fund, will be selected with all the acumen that comes to men whose lives have been spent in library service. A tentative list has already been prepared, and that it is tremendously democratic may be gleaned from the fact that it starts out with W. J. Abbot's "Battlefields and Camp Fires" and includes novels by George Ade, Dabney, John Kendrick Bangs, James M. Barrie, Rex Beach, Hilaire Belloc, William Black, Booth Tarkington, Meredith Nicholson, Robert W. Chambers, Hall Caine, Winston Churchill, G. K. Chesterton, Wilkie Collins, Irvin Cobb, Marion Crawford, Richard Harding Davis, Charles Dickens, W. M. Thackeray, Conan Doyle, Lord Dunsany, Jeffrey Farnol, Edna Ferber, Montague Glass and—but one could go on and make a list of practically all the popular American and foreign authors, and that list would probably prove a pretty accurate catalogue of the books that are to be furnished the American soldier, wherever he may be, by the library war council.

SETTING A GOOD EXAMPLE



Mrs. Thomas Watt Gregory, wife of the attorney general of the United States, in the line of the food administration. Mrs. Gregory is the wife of cabinet members and high government officials, having signed the pledge card, are entitled to wear this uniform and hang the official food card in the window of their homes.

Stars on Flying Machines.

The American navy aircraft are to have a distinguishing mark in the shape of a white star, with a red center, on a circular background of blue; while the army airplanes may be recognized by a five-pointed white star inside of a blue circumscribed field, with the center of the star red.

The New Order.

She (beligerently)—Why weren't you at the station with the car to meet me as usual?

He (weakly)—My dear, you ought to get into this habit of some needless days.

Some Observations.

Experience never makes fools of wise men.

Faultfinding is unlike charity, yet it usually begins at home.

Vanity makes a lot of remunerative work for the beauty doctors.

You never really know your friends until they become your enemies.

It is awfully hard to get rich according to the methods prescribed in books.

Some men don't mind getting it in the neck if their neighbors get it just as hard.

Good sense is better than good looks, but so few people are afflicted with either!

You may have noticed that one girl no sooner breaks a man's heart than another comes along and bandages it up.

Chinese Docile Starvers.

No other race is as docile as the Chinese in times of famine, according to the National Geographic Magazine. Their resignation in the face of calamity is amazing. For instance, in the food shortage of 1908-7 a starving army of 300,000 peasants camped beneath the walls of the city of Tsinkiangpu. The grain warehouses of the town, a place of 200,000 inhabitants, were overflowing with wheat, maize and rice, and these supplies were constantly on display; yet there were no riots. The thousands outside the walls sat themselves down to die, while those within continued to transact the ordinary affairs of everyday life.

During this famine parents found it necessary to sell their daughters to wealthy families in which they became slave girls. Early in the period of distress girls of ten to fifteen years of age brought as much as \$20 each, but when the suffering was most severe the customary quotation in the slave market was 60 cents each, while in one instance a father is known to have accepted 14 cents and two bowls of rice in exchange for his child.

A Hero.

Lord Northcliffe said at an Overseas club dinner in New York:

"The French soldier wears gold stripes on his sleeve—one stripe for each six months of service at the front."

"Well, a middle-aged Frenchman told me one day that he was not entitled to his stripes, inasmuch as his post, while technically at the front, was not a dangerous one, and so he was going to cut them off his sleeve. 'No, no!' said I. 'Don't do so. Don't dream of doing so. The man in these days who declines an unmerited decoration is a hero, and as such is entitled to all the stripes his sleeve will hold.'"

SOLDIER BOYS' LETTERS.

Continued from page one.

more than they thought we could do. I am very sorry over the news that Cecil Doerr is dead. It is too bad. I am sure we are having less deaths in our camp than you are having at home.

We had half a day-off on Thanksgiving and we sure had a great dinner—bread, butter, cranberries, olives, turkey, figs, mashed potatoes, brown gravy, apple and pumpkin pie. Did you beat it? I have had Hires' Milk and Sugar. I bought it at 10 cents per can and 10 cents per pound for sugar. I get it from the army canteen.

I am sure that all the boys at the camps will be glad when they get over here. I hope to see them when they get over here. I hope to see them when they come as I will be at the base when they come through I think.

It is not cold here and does not snow much here in the winter. I am in the best of health and think I will stand the winter finely as we are getting everything that will go to keep us fine and dandy.

We had a foot ball game today and beat again. We have a fine Y. M. C. A. here and have boxing and all kinds of good times in it. The boys are getting all the tobacco they want now and I can get some gum too. I think that in a few weeks more we can write most anything as they are going to cut out some of the censorship.

I received the paper and sure was glad to read the news and more than glad to read the boys' letters. We have got a little shower bath fixed up now. Before this we had to carry water half a mile in mud and up hill and then heat it over a little stove.

JACOB C. ANTHERS.

Camp Pike, Ark., Dec. 23, 1917. Dear Friends at Home:

I thought I would write and let you know I am well. I was in Camp Custer, but am now in Camp Pike. I like it quite well here.

We get foot drill every day, but we are getting lots of gun drills now. I am in a barracks with about 200 boys. The boys get out quickly when they hear that bugle in the morning. My friend and I have been transferred three times now and we are still together.

We get rifle drill tomorrow. There are boys from all different parts of the United States here to drill. This state is composed of rocks mostly and timber. This was some trip. We left Camp Custer on Dec. 17 and arrived here Dec. 21. We saw lots of good country. They certainly have some big rocks in this state of Arkansas. They burn no coal. We boys are busy cutting wood for the cooks to cook army beans. The weather here is warm; just like summer. We get a little snow once in a while, but it doesn't stay on very long.

The boys are going to get bayonet drills in about two weeks. They drill the boys pretty hard and they all smoke army cigarettes; that all goes with the army life. Tomorrow we get physical drill. There are a lot of boys who won't see any Christmas dinner this year at home.

I saw some of the boys the other day; that was the last I will see of them. There are eight boys here together from Detroit and I think that they will be together for six months.

I am in heavy field artillery and like it quite well. We are quarantined now. We have ten cases of measles here now. I have had them so I won't have to worry about that.

I would be glad to answer anyone's letters if they would write to me. I receive the Cass City Chronicle once a week and am glad to get it. I would like to have you put this in the paper if you will.

Yours respectfully,
EARL J. MOON,
Battery E, 336 P. A. N. A. Camp Pike, Arkansas.

Camp Custer, 12/16/17.

Dear Madam: Just a few lines to thank you for a pair of wristlets which I have just received. Your name and address were inside one of them, and I wish to let you know that they are appreciated. All the boys who received wristlets or other things give their thanks and good wishes to those who made and gave them.

I have been here since Sept. 23rd, and like it fine, although it is different from home, of course. We expect to move some time next month.

Hoping this finds you well and thanking you again I am
Yours respectfully,
RICHARD H. WOOD.

My home is in Grand Marais, Alger Co., Mich.

CASS CITY MARKETS

Cass City, Mich., Dec., 27, 1917

Baying Price—	
Wheat	2 00
Oats	75
Beans per cwt.	11 50
Rye	1 85
Barley Oats	2 50
Peanut Cwt	5 40
Baled hay—No. 1 Timothy	20 00
No. 2	19 00
No. 1 Mixed	18 45
Eggs, per doz.	42 45
Butter, per lb.	4 6
Fat cows, live weight, per lb.	6 8
Steers	7 8
Fat sheep	11 12
Lambs	13 15
Hogs	20
Dressed beef	9 10
Dressed pork	9 11
Calves	13 17
Hens	13 17
Broilers	20 22
Ducks	18 20
Geese	25
Turkeys	15
Eggs green	15

DOUBLE DUTY

A Dairy Ration Has Two Main Uses—Life and Product.

(National Crop Improvement Service.)

A ration is divided into two parts:

1. The part needed to maintain or keep the animal alive.
2. The part needed to make stored up material like wool, fat, meat or milk.

Milk is roughly in solids, one-third each casein (protein), fat and sugar. The casein in milk can only be furnished by the protein in the food. The fat and sugar may be derived from either protein, fat or carbohydrates.

If a cow has the ability to give 50 pounds of milk containing two pounds of casein, and only gets enough protein to make one pound of casein, then she will only give 25 pounds of milk.

A balanced ration is one that has just the exact amount of protein, fat and carbohydrates that the cow needs. Just what this is we cannot ever say exactly, because the amounts vary from week to week and no two cows are alike, nor are feeds alike.

A practical ration is one that has sufficient protein and enough total food to make the greatest amount of milk without the cow losing weight.

A commercially successful ration is the one that makes the most milk or profit, keeps the cow healthy and enables the use of the most roughage.

All the hay and ensilage a cow can eat will keep her alive and make about 15 pounds of milk. Any more milk has to come from grain or grain feed.

The farm can usually raise carbohydrates cheap in the form of hay and ensilage, and, outside of clover, peas, etc., protein can usually be bought cheaper than it can be raised.

The average price of protein feeds with 20 per cent digestible protein was about \$25 to \$35 per ton before the war, but the prices are much higher now, while hay (clover) with 5½ per cent digestible protein has been rated at \$10 per ton, so the protein feed at \$40 would furnish protein about the same as clover at \$10.

DIFFERENT COWS, DIFFERENT FEEDS.

(National Crop Improvement Service.)

No suggestions that we can offer nor any other formula that can be made can be followed to the letter as a druggist follows the prescription of a physician. Feeds vary in their nutritive values; some being better than the average and some not as good, and cows vary in their ability to digest and transform nutriment. These conditions make it necessary for the feeder to use a good deal of judgment and not follow too blindly the suggestions of others. Any good stock feed is recommended as a base, to be supplemented by home-grown roughage.

CONCENTRATES FOR RATIONS

Taken From an Article by E. S. Savage, Professor of Animal Husbandry, New-York College of Agriculture.

(National Crop Improvement Service.)

A good rule to follow in all rations is to have at least three plants represented in the ration. There are seven factors which should be considered: (1) Bulk, (2) Digestibility, (3) Relation between the digestible protein and carbohydrates and fat, (4) Variety, (5) Suitability of the feeds to the animal and product, (6) Palatability, (7) Cost.

As an example, choosing the cheapest feeds relatively, considering manurial values, suitability and all, we would recommend the following mixture of grains as suitable for dairy cows at present prices:

600 pounds distillers dried grains.
400 pounds gluten feed.
300 pounds wheat bran or brewers dried grains.
400 pounds cottonseed feed.
300 pounds hominy or oil meal.

SALT FOR CATTLE.

(National Crop Improvement Service.)

Professor Henry says that a cow requires three-quarters of an ounce per day per 1000 lbs. of weight and six-tenths of an ounce per day per 20 lbs. milk. Therefore, a cow which weighs 1200 lbs. and gives 30 lbs. milk should have 1.8 ounce salt. It must be remembered, however, that salt is generally included in high-grade dairy feeds: It is well to give cows access to extra salt. They will take what their roughage demands.

THE PRICE OF FEED.

(National Crop Improvement Service.)

Feed is handled on a smaller margin than coal, ton for ton. The retail feed dealer who buys in carload lots can sell as cheap as the manufacturer can in less-than-carload lots, the difference in freight rates being the dealer's gross profit. In nearly every instance, a group of farmers can order their feed, through a dealer, in carloads and make a material saving. The difference in freight alone will show a good profit.

Take the chill off the drinking water in cold weather and cows will drink more and produce more.

Don't figure too fine on rations. Be liberal but don't overfeed. You can kill all of your profit by feeding more than the cow can assimilate.

(National Crop Improvement Service.)

The human element in dairy feed is important. Two men may have the same equipment, one make good money, the other fail, while both are supposed to be feeding by the same system and the same tables.

Horse sense is good cow sense.