

# Charlevoix County Herald.

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## County Won \$262.00 At Potato Show

EVELINE ORCHARD AND DOUGLAS TIBBITS HEAVIEST WINNERS.

The ninth annual Top O' Michigan Potato, Apple and Seed Show at Gaylord last week was decidedly the greatest exhibition ever held in northern Michigan. The Show was bigger and better in every particular. A large audience was present at the program. Never have we seen as large a display of apples. The apple department was approximately one-third larger than it was last year and the competition much more keen. It was a wonderful sight to see the deep red color that was evident on all exhibits.

In the potato department the same statement holds true. The competition was such that many wonderfully arranged exhibits were not awarded premium money. In one class alone there were over 125 peck samples. In this department Frank A. W. Behling of Boyne City was the heaviest winner, receiving a total of \$31.00. He had first place on a peck sample of Burbanks, third place on a sample of Irish Cobblers, second place on a bushel of Burbanks (baking potatoes), and second on a bushel of White Rurals in addition to having other smaller awards.

William Shepard, East Jordan, who exhibited for the first time this year was our next highest winner. He received sixth with a peck of Russet potatoes competing against the entire Show, was second in the Beginners Class, and had the best peck within the county. Next came Harry Behling of Boyne City who had the best bushel of baking potatoes in the Show, and had seventh place with a peck of Russet potatoes, and received ninth with a bushel of Certified Seed, making a total of \$15.00. Next came Geo. Sneathen of Charlevoix who received second place with a peck of Irish Cobblers.

The Charlevoix County exhibit placed third in competition with six counties. This exhibit consists of ten different samples and is one of the features of the Show.

In the Junior Department Gwendon Hott of East Jordan was our best showman, having fourth best sample in the entire department in addition to winning first within his club. Robert Tainter, Boyne City, placed highest in the Club Potato Judging Contest in competition with a large number of club members.

In the apple division we were nicely represented by Eveline Orchard, Douglas Tibbitts and Wilber Spidle. Eveline Orchard won a total of \$59.00 and had a display that was the largest and most complete of any one exhibitor. Among their winnings were firsts on plates of Golden Russet and Starks Delicious; first on a tray of Jonathon; seconds on trays N. W. Greening, Golden Russet, Grimes Golden and Starks Delicious. In the bushel class they received fourth, and in the apple collection of fifty apples also second, and fourth in the Fancy Pack class.

Douglas Tibbitts of Boyne City had first on plates of Wealthies and Wolf Rivers; second on a tray of Wealthies; third and two awards of merit in the bushel class; fourth in the collection of fifty apples, and second in the Fancy Pack. His greatest achievement was that of having the best apple in the entire Show, a most wonderful McIntosh sample.

Wilber Spidle of East Jordan had second on a tray of Wolf Rivers and second best bushel in the entire Show, making a total of \$19.00 in premium money.

There were several other exhibitors in Charlevoix County, but space will not permit giving all their accomplishments. However, Charlevoix County still continues to make their splendid showings that they have made for the last three or four years. This year we won \$60 more than the year before. For further details concerning the various programs offered and the winners of various contests, kindly read carefully the supplement that you will find enclosed with this paper.

B. C. MELLENCAMP,  
County Agr'l Agent.

### You Said It

Red—I see where lots of firms are cutting down their advertising.  
Blue—Yeah, doing it in times like these is on a par with taking the worm off the hook and fishing with a safety pin!  
Gumshoe—Is your wife economical?  
Gumboll—Sometimes. She had only 32 candles on her 40th birthday cake last night.

## EAT MORE POTATOES TO BOOST MICHIGAN

One inexpensive way in which housewives can boost Michigan products is by the use of potatoes which may be utilized in everything from soup to candies, according to nutrition specialists at Michigan State College.

One ideal serving of food supplies food elements in the proportions of one unit each of calories, protein, calcium, phosphorus, and iron, while potatoes supply these in the following proportions, calories, 1; protein, 1.1; calcium, 0.7; phosphorus, 1.6; iron, 3.2.

Miss Roberta Hershey, Michigan State College extension nutrition specialist, offers a few different ways of preparing potatoes, soufflé, a la Goldenrod, soup, muffins, Spanish, Oak Hill, diamonds, and Dutch. For the potato muffins 1½ cups flour, ½ t. salt, and 4 t. baking powder are sifted together. To 1 cup cold mashed potato, add ¾ cup milk and stir until well mixed. Combine the two mixtures—and then add two well beaten eggs. Add 2 T. melted shortening. Place in greased muffin tins and bake in a moderate oven 375 degrees F. about 30 minutes.

Housewives are warned that a good potato can not always be told by its outside appearance. One which shows a green skin will taste bitter when cooked, for it has grown too close to the surface and has been sunburned. The wisest course for the homemaker is to choose medium-sized potatoes that feel firm when pressed in the hand. Dry, mealy potatoes are best for mashing and baking, and the more waxy varieties are most suitable for salad and creaming since they will hold their shape.

Bake potatoes frequently, Miss Hershey urges. Brush the skins with fat before placing in oven and eat the skins. A large proportion of the minerals is found directly under the peeling. When done, crack the skin to let out the steam. Cook potatoes in their jackets often; as much as 20 per cent loss may result from paring before cooking. Start potatoes to cook in boiling water and keep the water boiling. Never dice them before cooking. Use the cooking water which contains valuable mineral salts, in soups, sauces, or gravies.

## STRAY THOUGHTS

When congress takes a vacation it doesn't do anything then either.

Imagine building the pyramids without stopping to smoke even one cigarette!

Keep your fingers away from an electric fan. It doesn't know you need them.

It would seem that what our ancestors fought for was freedom of the press agent.

After looking at the sun for millions of years, the human race has suddenly decided that it is healthy.

A receding chin is considered a handicap in practically all the pursuits of life, except eating corn on the cob.

## DISSONANCE

My thoughts brush against the stars,  
And you creep up behind me,  
Asking:  
"Do you think we should order  
One or two quarts of milk a day?  
Does the installment come due on the car  
The first or the 15th?  
Shall we have steak or chops for dinner?  
And pettingly:  
"Don't you think you could write on your play,  
Dear, in the sewing room this afternoon  
While I entertain the Fortnightly Bridge?"  
Because I reply casually,  
Mentioning a quarry of jade clouds,  
Or some other poetic abstraction,  
You become swiftly unreasonable,  
Go out into the kitchen,  
Bang the door,

## PROCLAMATION

November 11, commonly known as Armistice Day, commemorating as it does the ending of the World War, and, having been designated as a legal holiday by an act of the State Legislature, it would seem fitting and proper to give this day some kind of observance.

Therefore, with these facts in mind, I would proclaim Armistice Day, Nov. 11 a local holiday, and would suggest and ask that the day be given observance in our City by the closing of all business places at 12:00 o'clock noon.

Dated Nov. 5, 1931.

R. G. WATSON, Mayor.

## Winter Spear- ing of Fish

TIME IS SHORTENED, MORE WATERS AND SPECIES ADDED.

Lansing, Nov. 4.—While the winter spear fishermen have been given more waters in which to fish and added species to take, the time in which they may pursue their favorite sport has been shortened.

While during 1930 winter spearing for certain species was permitted on inland lakes "during the time these lakes were frozen over," during the coming winter, spearing will be permitted only during the months of January and February. However, spearing will be permitted in all inland waters, except that it will be unlawful to spear in trout streams and quasi-trout streams at any time.

During the winter of 1930, only pickerel, mullet, suckers and redhorse could be speared in the inland lakes. During the coming winter the use of spears will be permitted during January and February in the inland waters for carp, sheepshead, suckers, mullet, redhorse, lake trout, smelt, pike (great northern, grass pike and pickerel) muskellunge, whitefish, ciscoes, pilotfish or menominee whitefish, dogfish and garpike.

Spearing is not permitted with the use of a jack or artificial light at any time. Fishing with the use of hook and line or ice lines only is permitted during the winter for all species during the respective open seasons. Black bass may be taken to December 31, and pike, bluegills, sunfish, warmouth bass, and perch may be taken to March 31. Rock bass, calico or strawberry bass and crappies were removed from the list of game fish by the last legislature and may now be taken in any waters open to fishing at any time of the year, and there is no minimum size limit.

Spring spearing in non-trout streams, for carp, suckers, redhorse, mullet, dogfish and garpike will be limited in the upper peninsula from March 1 to May 15, and in the lower peninsula from March 1 to April 30.

Winter fishermen who enjoy their sport with ice lines may now use "not to exceed five single hooks which may be attached to not more than five single lines." Formerly ice fishermen were restricted to not to exceed five lines with a single hook attached, but now may use five hooks on one line only if they so desire.

## COUNCIL PROCEEDINGS

Special meeting of the Common Council of the City of East Jordan was held at the council rooms, Monday evening, Oct. 26, 1931.

Meeting was called to order by Mayor pro tem Williams. Present: Aldermen Maddock, Dudley, Taylor, Kenny, Parmeter and Williams. Absent: Mayor Watson.

The following resolution was offered by Alderman Kenny, who moved its adoption; seconded by Alderman Maddock:

Whereas, that portion of Lake Street, from its intersection with West Water Street to its intersection with Fifth Street, is in need of repairs, and,

Whereas, the County of Charlevoix is desirous of taking over and adopting such portion of said street as part of a county highway, and of making the necessary repairs thereon, therefore,

Resolved, that the City of East Jordan hereby relinquishes and releases unto the said County of Charlevoix, all rights of control, and all

duties of construction and maintenance whatsoever, of that portion of Lake Street above described.

Adopted by the Council of the City of East Jordan on the twenty-sixth day of October, 1931, by an aye and nay vote as follows:

Ayes—Aldermen Maddock, Dudley, Taylor, Kenny, Parmeter and Mayor pro tem Williams.

Nays—None.

On motion by Alderman Kenny, meeting was adjourned.

OTIS J. SMITH, City Clerk.

Regular meeting of the common council of the City of East Jordan held at the council rooms, Monday evening, Nov. 2, 1931.

Meeting was called to order by the Mayor. Present: Mayor Watson, and Aldermen Maddock, Taylor, Williams, Dudley, Kenny and Parmeter.

Minutes of the last meeting were read and approved.

Moved by Alderman Kenny, supported by Alderman Maddock, that the City purchase one dozen fire extinguishers through W. A. Loveday, Agent. Motion carried.

Bills were presented for payment as follows:

Dick Farmer, labor	\$ 7.50
Wm. Prause, street labor	31.50
Win Nicholls, street labor	30.00
John Dolezel, labor	6.00
Harry Simmons, labor	3.00
John Whiteford, work at cem.	44.00
E. J. & S. R. R. Co., fgt on stone	53.41
Leonard Barber, labor	14.70
Joseph Mayville, labor	34.10
John Flannery, team work	5.40
Dan Kale, gravel	47.93
B. L. Severance, mdse.	9.03
Leonard Dudley, lumber	3.00
Chas. Shedina, hydrant wrench, etc.	2.75
LeRoy Sherman, labor & mdse	5.35
Henry Cook, sal. for Oct.	100.00
Grace Boswell, sal. and pgt.	63.15
Otis J. Smith, sal. for Oct.	35.00
Standard Oil Co., gas and oil.	61.81
Dan Goodman, mdse.	5.77
Mich. Public Serv. Co., lighting streets and park.	459.82

Moved by Alderman Williams, supported by Alderman Kenny, that the bills be allowed and paid. Motion carried by an aye and nay vote as follows:

Ayes—Maddock, Taylor, Kenny, Dudley, Parmeter, Williams and Watson.

Nays—None.

Moved by Alderman Williams, supported by Alderman Parmeter, that the bond of John LaLonde as principal, with Frank Phillips and D. E. Goodman as sureties, be approved and accepted. Motion carried.

On motion by Alderman Maddock, meeting was adjourned.

OTIS J. SMITH, City Clerk.

## MARTHA NOVINGER DIES AT CHARLEVOIX HOSPITAL

Mrs. Martha Novinger passed away at the Charlevoix Hospital, Saturday, Oct. 31, 1931.

Mrs. Novinger was 69 years of age. She came to East Jordan with her parents when a small child. Of late she has made her home with her daughter, Mrs. Iva Decker of East Jordan.

Deceased is survived by four daughters and a son, viz: Mrs. Ross of Detroit; Mrs. May Ferris, San Francisco, Calif.; Mrs. Ella Brandenburg, Chattanooga, Tenn.; Mrs. Iva Decker, East Jordan; and Louis Keller of Harbor Springs, Mich.

The remains were brought to East Jordan and funeral services were held Tuesday afternoon from the Sanger home on North Main St., conducted by Mrs. Edith Sanger. Interment at Sunset Hill.

## MORE WOMEN ENTER HOME STUDY GROUP

Despite the curtailed budget in all phases of the extension work, Miss Edna Smith, State Leader of Home Demonstration Agents of Michigan State College, announces an increased enrollment of 13,590 Michigan women, 1500 more than last year, in the classes studying better household practices. This number does not include the 24 counties in which Mrs. Lydia Ann Lynde, child care and training extension specialist, has been conducting two lesson projects, or the home marketing group under the direction of Miss Barbara VanHeulen. It is estimated that the total enrollment in the home economics courses is approximately 20,000.

Nutrition was chosen in 17 counties, with an enrollment of 3890; clothing, 16 counties, 3185 members; home furnishing, 12 counties, 2912 members; home management, 12 counties, 2805 members. In the nutrition projects, particular emphasis was laid on adequate low cost menus, using and canning home products, and avoiding deficiency diseases through suitable diets, thus helping to offset the dangers in the present economic situation.

Clothing projects have been extended to the making over of old clothes or the purchasing of new materials if desired. Members of the home furnishing group have been learning methods of refurbishing the house in a more attractive manner, since the decreasing of the family income has meant in most cases that more time is spent in the home than in the past.

Congenial surroundings may be gained through the use of braided rugs, covering up old chairs with cheerful slip-covers, and in other ways brightening the general appearance of the room with inexpensive additions. A more careful study of means of stretching the budget was made by the home management group, with many more members considering the methods suggested.

## "Mourner's Bench"

In the United States (only), at revival meetings in churches, tents, and elsewhere, a bench, or row of camp chairs, is placed directly beneath the platform or pulpit and reserved for those who wish to come forward, at the close of the preacher's exhortations, to declare their sins and seek forgiveness of the Lord. The bench, or row of chairs, as the case may be, is called the mourners' bench. The mourners' bench was very much in evidence a few years ago at the revival gatherings addressed by the late Dwight L. Moody, American evangelist, who said: "The devil howls in rage when he sees repentant sinners crowding the mourners' bench."—Literary Digest.

## Captain Kidd "Framed"?

Recent biographers of Captain Kidd state that he was not a pirate and that the ships he took were lawful prizes captured in his legal capacity as a privateer. The charge of selling two ships of the great mogul could have been met at his trial by the production of two documents which Kidd had taken from these ships and which he claimed proved that they were sailing under commissions issued by the French East India company, which made them lawful prizes. These documents Kidd had handed to his patron Lord Bellomont and they were not discovered until some 200 years later in the public records office.

## "Seven Ages" in Glass

The window depicting the "Seven Ages of Man" was placed in the Holy Trinity church in Shakespeare's birthplace, Stratford-on-Avon, by Americans. There are eight panels in the window, but as the two top center panels refer to only one age, the seven ages are thus represented. The Biblical characters representing the Seven Ages are as follows: The Infant, Moses; the Schoolboy, Samuel; the Lover, Jacob; the Soldier, Joshua; the Justice, Solomon; the Slipped Pantaloons, Abraham; Sans Eyes, Sans Teeth, Sans Everything, Isaac.

Should the chain of a new door lock be cut by intruders it would release a gas to overcome them.

An international competition for a plan for the central part of Stockholm has been arranged by that city.

Research workers at Princeton university have decided that turtles and frogs are deaf to human speech.

Seventy per cent of the carbon black produced in the United States is consumed by the automobile industry.

"I'll get square with you."  
"Good. I'm tired of seeing you round."

## Juniors Present 'The Millionaire'

AT H. S. AUDITORIUM, FRIDAY, NOV. 20.

Why are nine people of the Junior class always seen with rather dog-eared blue books these days? They mean to tell you why at the High School Auditorium, Friday, Nov. 20, when they give "The Millionaire."

The announcement of this first dramatic offering of the school should be of unusual interest for two reasons. "The Millionaire" was written by Juliet Wilbor Tompkins, modern short story writer, novelist, and dramatist, so the play has literary as well as dramatic value. In the second place, it is probably being given in this section of the State for the very first time as it was only released in 1927. Since that time it has enjoyed unusual popularity. One school that produced it recently declares it to be the best play they have given since "Daddy Long Legs" and "Seventeen." This at once indicates its calibre.

The play, a character comedy, consists of three acts. The scene is laid in New England, and the characters provide comic and realistic studies in contrasts as we see the last remnant of old-fashioned New England grime being almost, but not quite, submerged by a more joyous, modern outlook on life.

Gideon Heath, a member of a proud old family, has been driven from his home as a worthless roustabout. Ten years later he discovers a gold mine in Australia, and as the play opens, returns home. His old home is put in order by Blanche, an ambitious widow, and notes of welcome pour in from relatives. A committee, made up of four generations of Heaths, rehearses the manner of welcoming him at the depot, but very Gideon-like he leaves the train at the crossing and slips into his house alone.

Situations become highly complex, increasingly humorous, and yet pathetic as each member of the Heath clan makes an effort to show Gideon the respect due a millionaire.

You will want to see what happens when Gideon is finally given a chance to tell his suddenly devoted relatives that he is no longer a rich mine owner. You will want to know if Blanche, the designing widow, is clever enough to play her game successfully, or if Dorcas, the orphan servant girl, who stands by Gideon in his trouble, is able to share his final triumph.

The cast of the play follows: Gideon, the prodigal Claude Lorraine Dorcas, an orphan—Ann Votruba Lottie, a representative "modern"

Dorothy Burbank

Fred Lawlor, a thorn in the Heath side

James Hignite

Aunt Adeline, the upholder of Heath dignity

Esther Clark

Blanche, the ambitious widow—Helen Strehl

Blanchette, her 8 year old child—Gwenevere Gay

Ronald, the College President—Albert Omland

Johnny, the budding artist—John Dolezel

"The Millionaire" is being directed by Miss Dorothy Merritt, Junior class advisor.

## Two Meals Day Best For Stomach Trouble

Skip one meal and drink water instead. Wash out stomach and bowels each morning by drinking water with spoonful of simple glycerin, buckthorn bark, saline compound (called Adlerika.)

Adlerika brings out poisons you never thought were in your system. If you are nervous, can't sleep, full of gas, it will surprise you. Adlerika contains no harmful drugs. Get it today; by tomorrow you feel the wonderful effect of this German doctor's remedy.—GIDLEY & MAC, Drug-gists.

## Not Especially

Don: "Was your grandfather in comfortable circumstances when he died?"

Mary: "No, I guess not, he was under a freight train."

## Why Use a Bladder Physic?

To drive out impurities and excess acids that cause irritation which results in getting up nights, frequent desire, burning, leg pains or backache. BU-KETS, the bladder physic works pleasantly on the bladder as castor oil on the bowels. Get a 25c test box from your druggist. After four days if not relieved go back and get your money. You will feel better after this cleansing and you get your regular sleep.—GIDLEY & MAC DRUG CO.



Scenes and Persons in the Current News



1—First motor car procession across the George Washington bridge at New York during the dedication of the great structure. 2—Premier Laval of France and his daughter, Mlle. Josette, photographed just before they left America for home. 3—Ranch house on the ranch of the prince of Wales at High River, Alberta, Canada, where a fire cause the death of ten of his prized cattle.

State News in Brief

Mio — Myrna Hutchins, 13, was wounded in the arm, a victim of the traditional gun that "wasn't loaded." Betty, 10, her sister, was having target practice with the family cat for a target. The cat was unharmed.

Cadillac—A horse belonging to Isaac Hill, of Jennings, saved its teammate from death in a swamp when it ran to and fro excitedly before the mired animal calling attention to its predicament. Twenty men aided the rescue.

Kalamazoo — Attempting to crank his automobile in gear after it had stalled in traffic here Joseph Hunt, of Kalamazoo, was dragged over the curb when the car started forward. He suffered a fractured leg and internal injuries.

Escanaba—Breaking of a rod caused Leonard Nelson to lose control of his truck, which ran over a sidewalk and into a school playground. Three girls were injured, the most seriously being Betty Jane Brown, 7 years old. The truck ran over her.

Detroit—Representatives of 20 nationalities were among the 130 persons naturalized in Federal Court by Judge Charles C. Simons. There were 50 British subjects, 32 Polish, five Danish, two French, one Dutch and one German, among others who received citizenship.

Owosso—Overalls are popular here following services at the Church of Christ, in which the entire male congregation and the pastor, the Rev. J. W. Frye, dressed in overalls. "It's not necessary to have a new suit to attend church," the Rev. Frye said in his sermon.

Gladstone—Placed in jail to sober up, eight men were drunker the following day when arraigned in justice court. Suspicious police investigated and found that the prisoners had been placed in a cell containing five cases of beer held as evidence against a bootlegger. Thirty days was the sentence for each inebriate.

Lansing—Special automobile ferry service across the Straits of Mackinac, for the benefit of deer hunters, is announced by the State Highway Department. Beginning Nov. 10, three boats will operate between Mackinaw City and St. Ignace 24 hours a day and will continue to run as long as traffic demands. The boats will not run on set schedules.

Allegan—Albert Hovinga, of Allegan, was sentenced to 5 to 15 years at the Michigan State Prison, and his wife, Susie, was given one to 15 years in the Detroit House of Correction for the death of an infant last April. They pleaded guilty to manslaughter. Officers charged they allowed the child to bleed to death. The minimum was recommended in each case.

Durand—Bernard Hall's automobile was taken to the shop for repairs, but the horse that disabled it carried no mark of the incident. Hall was driving east of Morrice when the animal galloped out of a field and leaped upon the car, crushing the hood and splintering a runningboard. Hall said the horse fell into a ditch, then ran away. The car was towed to town.

Sault Ste. Marie — Hockey teams from the Michigan and the Canadian Saults were entered in the Upper Peninsula Amateur Hockey League that was organized recently at Marquette. Other teams are Houghton, Calumet and Marquette. The season is expected to open Dec. 28, and competition will be for the famous McNaughton Trophy, emblematic of U. S. Amateur Championship.

Ypsilanti—More than 600,000 blue gills, the offspring of 175 adult fish placed in Susterka Lake, near here, last spring, were removed by representatives of the Michigan Department of Conservation. The fish will be planted in lakes in Oakland, Genesee, and Livingston counties. The lake here was leased several years ago as a hatching pond by the Detroit chapter of the Izaak Walton League.

Bad Axe—Huron County will loan \$25,000 to the state for grading on state trunk line M-53 between Bad Axe and Kinde, the board of supervisors has decided. Burr B. Lincoln, county highway commission chairman, told the board the grading would prepare for paving next year and would be a part of the unemployment committee's plan. The board approved the annual budget of \$122,500 which is \$11,600 less than last year.

Battle Creek—Twenty tons of merchandise went skyward here when a Michigan Central train hit a giant truck and trailer stalled on the E. Michigan Ave. crossing. The truck and trailer were owned by the Tri-State Trucking Co., of Toledo, and carried merchandise for Battle Creek, Kalamazoo and Grand Rapids stores. The driver was J. S. Hoven, who escaped by jumping. Neighbors harvested the canned goods and cigars, which disappeared before the police arrived.

Lansing—More than 1,400 children die each year in Michigan of tuberculosis, according to a report issued by the Michigan Tuberculosis Association. In the past decade, 13,627 deaths have occurred among persons less than 30. Among youths aged 15 to 19, 2,661 died between 1921 and 1930. The problem of this heavy mortality among the young is the most serious to be discussed at a conference on child health and protection called by Governor Wilber M. Brucker for November 9, 10 and 11 here.

Grand Rapids—A sand burr in the throat of 9-year-old Richard Glass was removed at Blodgett Hospital with a bronchoscope.

Coldwater—Barbara Jean, 2-year-old daughter of Milo H. Meade, was injured seriously when run over by a car driven by her father.

Mt. Pleasant—Harry Cosford was killed by electricity while at work on a drill press in the Mt. Pleasant Sugar Co. plant, where he was head tool-maker.

Evart—Parents of Lily Ilene Johnson, 15 years old, claim she is the champion potato harvester of the State. In three hours she picked up 51 bushels of potatoes that had been dug.

Bay City—Harold C. Young, 38, physical director of the Bay City Y. M. C. A., was killed here when his glider toppled from 400 feet. Failure of his tow-line to release was blamed for the tragedy.

Charlotte—Terms of 15 to 30 years were meted out to Kenneth Albro, Maynard Little and Gerald Buysee, Lansing youths who admitted robbing the Sunfield State Bank of \$1,377 Aug. 28, and other robberies.

Grand Rapids—With Mayor John D. Karel turning the first shovel of dirt in the presence of several hundred persons, work on the new civic auditorium, for which Grand Rapids more than a year and a half ago voted a \$1,500,000 bond issue, got under way recently.

Howell—Mrs. Thelma Murningham, 24-year-old wife of Morgan Murningham, of Howell, killed herself in her home here by taking poison, following a quarrel with her husband. Before drinking the poison she sent her 5-year-old son, Harold, to the home of a neighbor.

Port Huron—A fight growing out of a card game in a boarding house here resulted in the death of one of the participants. William Schram, the victim, struck on his head with such force when he was knocked down that he died soon afterward. Louis Adamson is held.

Mason—The state game farm has contributed 7,585 ringneck pheasant eggs to 163 applicants scattered throughout the southern part of Michigan this year. This figure is about 25 per cent more than last year when 91 applications for 5,901 eggs had been filled on the corresponding date.

Royal Oak—A beating James West administered to his wife, Mabel, and his destruction of 500 jars of fruit she had canned, will cost West at least 30 days in jail. He must serve this sentence and pay a \$50 fine or spend 90 days in the County Jail, John E. Brodige, justice of the peace, decided.

Deerfield—Frank Long, a farmer, was so intent on a game of solitaire that only the quick work of neighbors saved him from being burned to death in his home, two miles south of here. Long was not aware that the roof was on fire until neighbors, who saw the smoke, broke in the door. The house was destroyed.

Owosso—Charged with trying to pass a forged check purporting to have been signed by Mayor Henry F. Wille, of Corunna, C. H. Marsh, 35 years old, an unemployed bookkeeper from Lansing, was trapped by a local clerk, and arrested after a chase of a block. He waived examination and was bound over to Circuit Court.

Charlotte—A girl's desire for revenge resulted in the confession by Gerald Buysee, 22 years old, and Maynard Little, 20, both of Lansing, that they robbed the Sunfield State Bank, Aug. 28 of \$1,577, and also committed seven other holdups, two in Ionia County and five in Lansing. A third member of the gang is sought.

Pontiac—Apparently overcome while transferring an old gas range to the cellar to provide space for a new range, Russell Bates, 37 years old, was found dead in his basement. Firemen made a futile attempt to revive him with an inhalator. He had disconnected the basement pipe and had not been able to attach the new range.

Jackson—Even though he used state license plate making machinery in the prison and finished off the job with red paint from the state's own paint can for plates, Gerald Walsh's counterfeiting of a plate for his own car was detected. He admitted the fraud after his arrest. He is employed at the prison as foreman of the toy factory.

Mt. Pleasant—Isabella County beet raisers have been notified to begin pitting sugar beets in the field, against freezing during December. The Mt. Pleasant Sugar Co. has found itself unable to handle the bumper crop and finds itself about to pay farmers 40 cents a ton for the work of putting their beets into pits—some 30,000 tons.

Charlevoix—A judgment of \$5,000 was awarded in Circuit Court here to Mrs. Maude Mosley in a trespass suit against George McAfee, convicted murderer of her husband. The judgment was placed against the estate of McAfee, who is serving a life term in the Michigan State Prison at Jackson for the slaying, which occurred two years ago.

Coldwater—Manufacturing concerns report orders for their products which will keep most of them in operation all winter. The Wolverine Portland Cement plant is in operation 24 hours per day. The Homer Furnace Co. and Pratt Manufacturing Co. have ordered all men back to work under a 5-day week system. The Titus Iron Foundry expects to run at capacity for several months. The Shaw Shoe Co. expects to operate on a part time schedule all winter.

IMPROVED UNIFORM INTERNATIONAL SUNDAY SCHOOL LESSON

(By REV. P. B. FITZWATER, D. D., Member of Faculty, Moody Bible Institute of Chicago.)

(© 1931, Western Newspaper Union.)

Lesson for November 8 PAUL IN EPHESUS

GOLDEN TEXT—And have no fellowship with the unfruitful works of darkness, but rather approve them. LESSON TEXT—Acts 19:1-41. PRIMARY TOPIC—Paul in the City of Ephesus. JUNIOR TOPIC—Paul in the Key City of Asia. INTERMEDIATE AND SENIOR TOPIC—A Bonfire of Bad Books. YOUNG PEOPLE AND ADULT TOPIC—The Gospel Facing Error.

I. John's Disciples Become Christians (vv. 1-7). These twelve disciples had only been taught the baptism of repentance as preparation for the Kingdom. Paul taught them to believe on Christ; that is, to receive Christ as the one who on the cross provided redemption for them through the shedding of his blood. When they believed and received Christ as their Savior, they were baptized in the name of the Lord Jesus, and Paul laid hands on them and they received the Holy Spirit.

II. Paul Preaching in Ephesus (vv. 8-10).

1. In the Jewish synagogue (v. 8). Though the Jews were Paul's enemies, he inflexibly followed his rule to go first to them with the gospel. His preaching was characterized:

- a. By boldness (v. 8).
- b. By reason (v. 8).
- c. By persuasion (v. 8).

2. In the schoolhouse of Tyrannus (vv. 9, 10). The Jews, being enemies of the gospel, were only hardened by Paul's preaching, and spoke openly against this way of salvation in Christ. Paul separated the disciples from them and resorted to the schoolhouse of Tyrannus.

III. God Working Miracles by Paul (vv. 11-16).

Ephesus was noted for its wonder workers. That Paul's ministry might be successful here, God in an extraordinary way put his seal upon the work. Handkerchiefs and aprons that had touched Paul's body healed the sick and cast out evil spirits. Seeing the marvelous power operating through Paul, certain Jews who went about the country practicing magical arts undertook to use the name of Jesus in their incantations. Knowing that their connection with Christ was not real, the use of his name by them only enraged the evil spirits who sprang upon and overcame them.

IV. A Glorious Awakening (vv. 17-41).

1. Fear fell upon all (v. 17). News of the casting out of these evil spirits created impressions favorable to Christianity.

2. It brought to the front those who professed faith in Christ while not living right lives (v. 18).

3. Many gave up the practice of the black arts (v. 19). Black arts are forms of jugglery by the use of charms and magical words. No one can have fellowship with God and practice such arts. They proved the genuineness of their Christian profession by publicly burning their books, valued at \$12,500.

4. Uproar of the silversmith at Ephesus (vv. 23-41).

a. The occasion (vv. 23, 24). The power of the gospel was destroying the infamous business of Demetrius and his fellows. Their primary interest was its financial effect upon the principal business of the city.

b. The method (vv. 25-29). Demetrius, a leading business man, called a meeting and stated that much people had been turned from idolatry and that the market for their wares was materially weakened. He appealed to his fellows.

(1) On the ground of business (v. 27). The world is willing to tolerate any kind of religion or moral awakening so long as it does not interfere with its business or way of living.

(2) On the ground of religious prejudice. He said that the temple of the great Goddess Diana would be despoiled (v. 27). He became religious when he saw that his business was being damaged. His speech gained his end. The crowd in a rage cried, "Great is Diana of the Ephesians." The mob was quieted by the tact, good judgment, and counsel of the town clerk (vv. 37-41).

Obedience

The golden chain of obedience is broken if one link is missing. If you are hanging over a precipice by a chain and one link goes, you are lost.

Difference in Men

One man will make all human nature seem contemptible; another will exalt it to immeasurable heights of beauty and benignity. So there are men who make it hard, others who make it easy to believe in God.—Jno. W. Chadwick.

Holiness

The holiness taught in the Bible is the same as that lived by the saints of the Bible. The saints of the New Testament showed us how holy people ought to live.

Some of the Champion Milk Producers of Year



Robert Roemer, progressive young Guernsey dairy cattle breeder of Fort Collins, Colo., and some of the cows in his dairy herd. The herd has been declared the highest producing in the United States during the past year.

FOUND AN ELEMENT



Element No. 87, one of the two hitherto unknown components of the universe, has been discovered by Dr. Jacob Papish, professor of spectroscopy at Cornell University, in a substance known as samarskite, a lustrous black mineral found in Norway, Siberia and southern states of this country.

Million in Cash Shipped by Plane



One million dollars in cash, weighing over 500 pounds, was carried from the Federal Reserve and other banks at Richmond, Va., to the First National Bank of Danville, Va., which needed the money in a hurry. Our photograph shows the valuable cargo being unloaded at Danville.

IN REGAL ATTIRE



This is the wife of a native chief of one of the tribes that inhabit the Belgian Congo, with all her royal regalia. Her high rank is denoted by the many bracelets of metals and gold which she wears upon her arms, while her legs are encased from ankles to knees with several hundreds of yards of metal wire.

Trunk Murderess and Her Husband



Shown above with her husband, Doctor Judd, is Mrs. Winnie Ruth Judd who, arrested in Los Angeles, confessed that she killed two women in Phoenix and shipped their bodies to Los Angeles in a trunk and suit case.

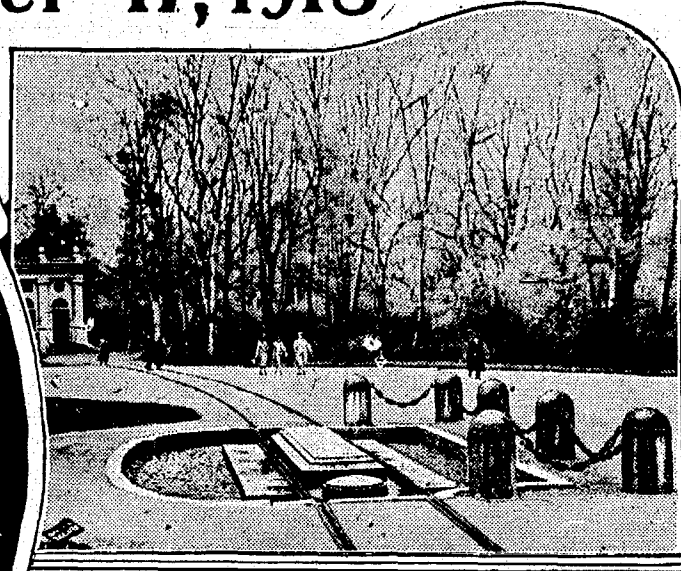


# HERE HISTORY WAS MADE

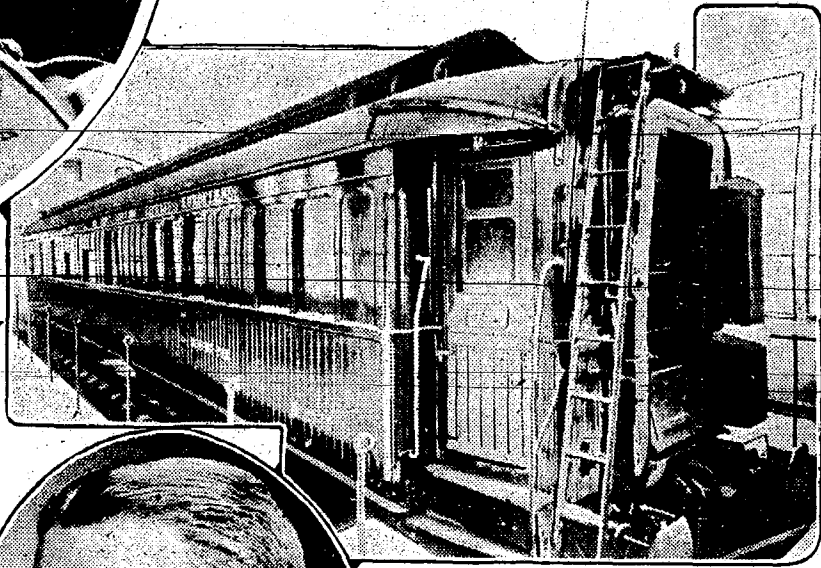
## November 11, 1918



Marshal Ferdinand Foch



Where the Armistice Car Stood



The Armistice Car



Admiral Sir Rosslyn Wemyss



Mathias Erzberger

By ELMO SCOTT WATSON

THIS is the story of a dining car, the most famous dining car perhaps in all history. You will find it enshrined in a memorial building at the little town of Rethondes in Compiègne Forest in France. It does not have a name. It is only Dining Car No. 2419D of the Wagons-Lits company. But here history was made, for in this car on November 11, 1918, the terms of the Armistice, which ended the greatest war in all history, were signed.

Dining Car No. 2419D joined the French army in 1914 to be converted into a railway saloon of a senior French officer. It served throughout the war and in 1918 it was used by General Ferdinand Foch when he became Marshal Foch, commander in chief of the Allied armies. So it was into this car early in the morning of November 8, 1918, that the representatives of the German government came to listen to the terms of an Armistice, for which they had asked, which Foch would be willing to grant them.

Picture now the scene which took place on that morning. In the center of the car is a table. On one side stand French and British officers, the victors. On the other side stand German officers and civilians, the vanquished. General Weygand, Foch's chief of staff, was at his right and at his left were two English admirals, Hope and Wemyss. As they took their seats Mathias Erzberger, the head of the German delegation, was facing Admiral Hope. General Von Winterfeldt, the second German plenipotentiary, was facing Foch. A German marine, Captain Vanselow, was seated beside Von Winterfeldt and the German diplomat, Count Obendorff, sat beside Erzberger. Lieutenant Laperche sat himself at the end of the table and two of Foch's staff officers, Major Riedinger and Captain de Merry were seated at two small tables at one side. Here is the story of what took place as told by Foch himself:

"When they entered my drawing room in the car, I saw them standing, pale and stiff. One of them, whom I guessed to be Mathias Erzberger, asked in a rather weak voice, permission to make the presentations.

"I simply said, 'Gentlemen, have you any documents? We shall examine their validity.' Then they showed me documents signed by Prince Max of Baden, which I deemed to be satisfactory. Then turning toward Erzberger, I said to him, 'What do you want?' He replied in a still troubled voice, 'We have come to receive the proposal of the Allied Powers in view of an armistice.' I cut in rather sharply (and this was the only time I was sharp), 'I have no proposal whatsoever to make.' The four Germans consulted one another with their eyes. 'Well,' said one of them, Count Obendorff, 'Tell us, Monsieur le Marechal, how you wish us to express ourselves. Our delegation is prepared to ask you the conditions of an armistice.' I insisted, 'Do you ask formally for an armistice?' 'Yes, we do.' 'Then, please sit down and I will read the conditions of the Allies to you.'

"I began to read the conditions of the armistice slowly. After each paragraph I stopped to permit the interpreter to translate. Then I looked at my interlocutors and followed the impression of their faces during the translation.

Gradually I saw those faces change. Winterfeldt especially was very pale. I even think that he wept. When I had finished reading I simply declared, 'Gentlemen, I leave this text with you, you have seventy-two hours to reply to it. Meanwhile, you may present observations of details to me.'

"Then Erzberger became pathetic. 'For God's sake, Monsieur le Marechal,' he said, 'do not wait for those seventy-two hours. Stop the hostilities this very day. Our armies are a prey to anarchy. Bolshevism threatens them, and that Bolshevism may gain ground over the whole of Germany and threaten France herself.' I replied: 'I do not know in what state your armies are; I only know in what situation mine are. Not only can I not stop the offensive, but I am giving orders to continue it, with redoubled energy.'

"Winterfeldt intervened in his turn: 'Monsieur le Marechal, it will be necessary for our staffs to consult each other and to discuss together the whole of the details of execution. How will they be able to do so if the hostilities be continued? I beg of you, for technical reasons, to stop the hostilities.' Again I reported: 'The technical discussions can just as well take place in seventy-two hours. Until then the offensive will continue.' This time it was finished. The four plenipotentiaries rose and withdrew.

"During the next two days, November 9 and 10, Foch slept but little. He was certain that the Germans would accept his terms but in the meantime wireless messages received by the Eiffel Tower told of the outbreak of a revolution in Berlin so he did not know what government these men represented nor how much power they now had. On the evening of November 10 the German plenipotentiaries came back to request that, on account of the troubled state of affairs in Germany, the army be permitted to retain a greater number of machine guns for the purpose of maintaining order. Foch granted them this and a little after five o'clock on the morning of November 11 they signed the Armistice.

"Of the subsequent history of this famous dining car a recent visitor to Compiègne writes in the New York Times as follows:

"What happened to Dining Car 2419D after that eventful night does not seem clear. It appears eventually to have been demobilized but not to have returned to civilian life. A small plate beneath the arms on one side of it announces that it was given by the Wagons-Lits company, May 1, 1921, and it was presumably about that time that it turned up in the Court of Honor at Invalides in Paris where, with all its war medals upon it, it took its place with the other inanimate heroes of such a war as the first Napoleon never dreamed of. Its medals are a little difficult to see from the outside, for they are high up at both ends of the main saloon inside, in that strip which in the common herd of dining cars is occupied by advertisements of Scotch whiskeys, Riviera hotels and Atlantic steamship lines. They take the form of two small red plaques adorned with cream-colored flags, laurel wreaths and figures of Wagons-Lits

angels or of Mme. la Republique, it is difficult to say which, for the light is not too good. One plaque bears an inscription which begins, 'In this car there was signed at Francport near Compiègne on November 11, 1918, at five o'clock the Armistice imposed on the Germans by the victories of the Allied Armies,' and continues with the names of the allied and German signatories. At the opposite end of the saloon the other plaque bears the names of the battles which the old dining car attended: 'The Marne 1924, the Yser 1915, Verdun 1916, the Somme 1916, the Battle of France 1918.'

"Paris, however, is fifty miles from Compiègne. When the old car took its place with the other immortals in the Invalides, there was nothing at the site in the forest except two boards nailed to trees marking the positions of the two trains. Le Matin of Paris was the first to move for a permanent monument, choosing a spot beside the Compiègne-Francport road 200 yards away, presumably on the assumption that nobody would ever leave the road and enter the forest to reach the actual site. Its monument is a striking piece of work, a golden sword with its point resting on a fallen German eagle, but although it bears the Armistice date there is a stronger flavor of Alsace-Lorraine in its inscription than of the Armistice.

"The next step was taken by Fournier Sarlozeve, deputy from the department of the Orne and mayor of Compiègne. This was directed to the raising of a monument at the actual site which, although it is five miles from the town, is just within the municipal boundary. The monument which resulted was dedicated on Armistice day, 1922, in the presence of President Millerand and an impressive assembly of marshals, admirals, ambassadors, troops and townsfolk. It consists of a broad boulevard 200 yards long which has been carried into the forest from the main road, and at the end of which is a clearing 100 yards in diameter with a circular road surrounding the garden circle of the actual site. The railway tracks from Rethondes station have been torn up elsewhere in this end of the forest but in the clearing they remain. Between the rails of each track slabs of granite mark the positions which the two trains occupied.

"Of late years the old dining car had been showing the effect of the weather to which its outdoor position at the Invalides has exposed it. Its return to the site in the forest had been contemplated for some time, but the problem of the cost was not solved until A. H. Fleming of Pasadena, after consulting M. Sarlozeve at Compiègne, offered 150,000 francs (say \$6,000) for the construction of a suitable building at the site. Accordingly in April, 1928, the old car was moved on temporary rails to the outer court of the Invalides, where it was taken off its trucks and placed on two-wheeled flints to be towed to the Wagons-Lits repair shops for a coat of paint and a general sprucing up before starting on its last voyage. As soon as the builders were ready for it at the site, it was hauled back to Rethondes station and a line of tracks into the forest was especially laid for it. It was pushed carefully into its new home at the edge of the clearing and is now permanently built in. And there, with an ex-pollu who limps when he walks in charge of it, you will find it today, roped off, smelling of fresh paint, and at the first glance looking like—well, looking about like a dining car.

"It is disconcerting to discover that the table on which the Armistice was signed was so unpretentious a table and that the chairs in which the signatories sat, Von Winterfeldt opposite Foch, Erzberger opposite Wemyss, were ordinary Wagons-Lits dining car chairs. It is difficult to fit the play to its banal theater, to connect this culminating episode of the greatest of all wars, one of the supreme moments in history, with the old dining car in which it transpired. Such, however, is the immortality of Dining Car No. 2419D."

(By Watson Newsstaff Files.)

# MANCHURIA



Station on the South Manchurian Railway.

(Prepared by the National Geographic Society, Washington, D. C.)

IT IS an unusual year in which Manchuria does not produce an upset in Far Eastern affairs. In 1929 there was friction between Chinese and Russians over the management of the Chinese Eastern railway of northern Manchuria—friction that brought a threat of war. Now Manchuria is the scene of grave difficulties between Japanese and Chinese, and again a railway is at the bottom of the trouble. This time it is the South Manchurian railway, owned and operated by a Japanese corporation. In a struggle centering around the railroad property near Mukden, capital of Manchuria, both Chinese and Japanese lives have been lost.

The world has grown to expect excitement from Manchuria; for in that country, as in Egypt and Mexico, it seems that drama never dies. From hereabouts, before Columbus was born, rode a Mongol horde to conquer Asia and harass Europe.

From here, scaling the Great Wall which timid Chinese had raised against them, came giant Manchus to oust the Mings and found a new dynasty at Peking (Peking).

Crossing the sea in clumsy junks 1,200 years ago, the same bold Manchus took tiger and leopard skins, ermine, and wild ginseng to trade with Japan for silks and brocades. Later, when the near-world empire of Kublai Khan rolled from the Yalu to the Danube, a Mongol fleet of a thousand ships sailed against the shoguns, only to be smashed by "God's Wind" on the coast of Kyushu.

Here, through turbulent years, three ancient empires met—the Bear, the Dragon, and the Rising Sun. Their struggles shook the earth. Korea succumbed, absorbed by the Rising Sun; the Dragon mothered Manchuria. War mangled the Bear, and to the north rose an evanescent Far Eastern republic.

### Two Great Events.

Yet in all its repertoire of high adventure—political, martial, and economic—two events loom largest in the stirring story of Manchuria. They sway not only the destiny of ancient Manchuria itself, but they affect the fortunes and the future of Japan, China, and Russia. These events are the coming of the Russian-built railways, and the immigration of millions of Chinese farmers. In the last three decades these forces, railways, and immigrants, have jumped Manchuria ahead by 1,000 years—moved her from a region of feudal lords, bandits, and nomad herdsmen to a land of huge trade and agriculture, in many aspects strangely like part of the American West.

So swiftly these changes have come that very often old and new still clash in oddly visible violence. Thus now, across South Manchuria, you may ride a crack train, smooth, shiny, and fast as any Broadway limited or Frisco flyer—a solid train it is, of American pullmans, drawn by a big Baldwin locomotive made in Philadelphia—yet from its observation car you may see peasants pushing wheelbarrows with snails on them—a type of vehicle old in China when Confucius was a baby. Steam shovels made in Milwaukee are moving mountains; Yankee tractors, jerking a fleet of plows, scurry across the virgin plains, past walled hamlets where yellow men scratch garden patches with wooden hoes, as on Bible times.

### Developed by the Railway.

As early as 1639 Russia, of course, had found her way to the Amur. By 1800 she had acquired the vast Maritime province, a veritable empire, stretching from the Ussuri river to the Sea of Japan and comprising an area as big as Mexico. Across this domain, in the 1800's, she was pushing her great Trans-Siberian railway to strike the sea at Vladivostok. But, as the map shows, the original Siberian road, to reach Vladivostok over Russian territory, had to run a roundabout course along the Amur valley and via Khabarovsk.

Six hundred miles would be saved if the Russians could build directly from Chita, on the Siberian road, straight southeast across Manchuria to rejoin the Trans-Siberian system near Pogradichaya. On the heels, then, of her friendly gesture in 1895, when Russia aided China to regain the area lost to Japan at Shimonoseki, the Bear asked the Dragon for the right to build a railway across Manchuria; and, by agreement signed September 8, 1900, that concession was granted. From it dates the rise of modern Manchuria.

That line and that original branch of it, now called the South Manchuria railway, with the economic rights they carried, were to do for Manchuria

what the Union Pacific did for the American West. Like magic, these new railways were to turn a wild, thinly peopled nomad land into a modern Canada, a granary of the East, drawing new settlers at the rate of anywhere from 300,000 to 1,000,000 in a single year.

Because of its conspicuous importance and its vast influence on migration, industry, and agriculture, it is worth while to review the development of this railway and of its extension, the South Manchuria railway.

All over the civilized world, newspaper readers know this famous line now as the Chinese Eastern railway. By the terms of the original agreement, signed between China and the Russo-Chinese bank (later the Russo-Asiatic bank), it was to be a joint enterprise. The czar's engineers built it and the Russians had charge of its shops, maintenance, and technical operations; but Chinese were supposed to share equally with Russian directors in its general management. When completed, in June, 1902, it had cost in excess of \$200,000,000. Of this cost, China supplied about \$5,000,000 and shared, proportionately, in its profits.

### Towns Became Busy Cities.

When finished, the main line of the Chinese Eastern ran from its terminus at Manchuli, on the northwest border of Manchuria, to Pogradichaya, on the eastern boundary. From Harbin, now a busy, important city and then a mere fishing village on the Sungari river, a branch line was dropped south to Dalny, now Dairen, on the Bay of Korea. Most of this section, or that part from Changchun south to Dairen, is now known as the South Manchurian railway.

Dalny was literally a magic city. Built quickly, by imperial command, it was the talk of the Far East. On this barren, then empty, point of rocks, engineers, architects, and workers of the czar spent millions of rubles to build wharves, streets, business blocks, and houses for a population yet to come. A magnificent vision, that—the vision of a great seaport, terminus of a 5,495-mile railway tying Europe to the Orient.

How observers laughed, at this amazing spectacle—vast trainloads of tools, food, tents, work animals, scrapers, and building material being dumped on a rocky shore of faraway Asia to build a city where there were no people! Yet today Dalny, Dairen, is the second or third most important seaport on all the China coast! In Manchuria something is always happening!

It happened again in 1904, when Japan fought Russia. One saw the holes in the armored sides of escaping Russian battleships—holes big enough to lead cows through, holes made by Togo's guns in Tsushima strait. Port Arthur, the impregnable, fell; ancient Mukden echoed and shook under the heaviest gunfire Asia had ever known.

Kuropatkin lost—and President Roosevelt mediated. In the peace conference at Portsmouth, N. H., Russia ceded to Japan her lease on the Liaoting peninsula and possession on the South Manchuria railway as far north as Changchun. China confirmed this and later extended Japan's lease for a period of 99 years.

But in Manchuria drama never dies. Tragedy, stark and terrible, stalked across the East when Imperial Russia collapsed. Refugees by the thousands, fleeing the horrors of postwar political chaos in Siberia, came east to beg, borrow, or starve in neutral Manchurian towns.

### After Russia's Collapse.

In this chaos the Allies took over the operation of the Chinese Eastern railway. From their base at Vladivostok they needed it to move men and supplies. An American engineer, famous for his work on the Panama canal, was in charge. Later, the newly formed Soviet government took Imperial Russia's old place as partner with the Chinese. In 1924, by a new treaty, China enjoyed an equal share with the Soviets in the profits of the railway. It was agreed, too, that China should govern the railway zone, inhabited now by many thousands of whites, and that each nation in the compact should refrain from propaganda against the other's social and political systems.

That, stripped of details, is the brief story of the now famous Chinese Eastern railway up to June 11, 1929, when it was seized by the Chinese. Its Russian personnel arrested, causing clouds of war once more to loom over this stage of so many historic struggles. This threat of war was later removed when Chinese and Russians again agreed to a joint management of the railway.



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**PENINSULA**  
(Edited by Mrs. E. Hayden)

Mrs. Joel Bennett of Honey Slope farm went to Boyne City, Wednesday to care for her daughter, Mrs. Wm. Bogart, who was brought home that day from the Petoskey Hospital. Mrs. Bogart is doing nicely, but is still confined to her bed.  
Mr. and Mrs. C. A. Crane of Cedar Lodge, returned to Detroit, Saturday, after spending several weeks at their summer home.  
About 100 people partook of the Hunt Supper at the Star schoolhouse Monday, Oct. 26. There was an abundance of game and all the good things that go with it. Cards and dancing were also enjoyed until after

**Peoples' Wants**

**NOTICES OF LOST, WANTED, FOR SALE, FOR RENT, ETC.,** in this Column is 25 cents for one insertion for 25 words or less. Initials count as one word and compound words count as two words. Above this number of words a charge of one cent a word will be made for the first insertion and one-half cent for subsequent insertions, with a minimum charge of 15 cents. These rates are for cash only. Ten cents extra per insertion if charged.

**WANTED TO PURCHASE**—Three Yearling Heifers or a couple of cows.—GUY LAVALLEY, R. 4, East Jordan. 45-1

**WANTED**—Hay and Chickens.—C. J. MALPASS. 40-11

**FOR SALE—MISCELLANEOUS**  
FOR RENT—The former Henry Winters residence on North Main St. Modern with electric lights, furnace and water. Garage. Inquire at EAST JORDAN LUMBER CO. OFFICE. 45-1

**FOR SALE**—Savage Rifle, like new. Inquire of FRED VOGEL at Standard Oil Co., Gas Station. 45-1

\$125.00 Walnut orthophonic type console Phonograph with records for balance due on contract of \$11.85. This is guaranteed in every way.—CHAFFEE BROS. FURNITURE COMPANY, 106-118 South Division Ave., Grand Rapids, Mich. 45-2

**FOR SALE OR TRADE**—We have nine head of good young Farm Horses, very reasonably priced.—M. B. HOOKER & SON, Charlevoix, Mich. 45-3

**FOR SALE**—Team of Horses, weight 3200 lbs. Also 1 1/2 ton Ford Truck, 1926 model.—ED. MATHERS, Route 2, East Jordan. 44x2

**A REAL OPPORTUNITY**—Circumstances have forced us to repossess and store a complete four-room outfit of furniture which was sold eight months ago for \$987. This entire outfit will be sold for the balance due on the contract of \$287. This outfit is in the very best of condition with the exception of the finish on the breakfast set and this we will refinish in any colors chosen by the purchaser. Contract will be rewritten to suit the purchaser and will be delivered free of charge anywhere in Michigan. If not needed now, we will store free of charge for future delivery for a small deposit down. Outfit includes a three piece Grand Rapids made living room suite with reversible cushions, walnut console phonograph, walnut davenport table, walnut end table, 9x12 heavy Alexander Smith seamless administer rug, an eight piece walnut dining room suite, 9x12 dining room rug, 26 piece set silverware, full size walnut bed, walnut vanity dresser, walnut chest of drawers, double deck coil springs, 27" bed-room rug, 9x12 congolem rug, drop leaf breakfast table with four chairs and serving table to match, etc. This outfit is in A-1 condition and is easily worth three times the balance now due on the contract. Don't forget if you do not need it now, we will store free of charge for spring delivery for a small deposit down. Write us at once or call 9-3436 Grand Rapids collect. CHAFFEE BROS. FURNITURE CO., 106-118 South Division Ave., Grand Rapids, Mich. 46-2

**REPAIRS for Everything at C. J. MALPASS HDWE. CO.** 49-1

**SOUTH ARM**  
(Edited by Mrs. Chas. Murphy)

midnight.  
Mr. and Mrs. Joe Leu and family were guests of the Fred Wurn family, Tuesday.

The Leu Bros. baled hay for Chas. Healey at the Will Scott farm, Thursday.

A large and very enthusiastic group of women attended the club meeting at the Mountain schoolhouse, Thursday. The next meeting will be held at the Star schoolhouse, the date to be announced later.

Miss Lucy Reich of Lone Ash farm spent Friday night with her cousin, Miss Zepha Faust at Mountain Ash farm.

Mr. and Mrs. D. D. Tibbitt went to Gaylord, Tuesday and put up their exhibits of fine apples, they also attended the Show Wednesday and Thursday, and again Friday afternoon to remove the exhibits. As usual Mr. Tibbitt took numerous first and second prizes. For the third time in four years he had the best apples. Eveline Orchards, also in Eveline Township, took a nice lot of premiums.

A very large crowd attended the Hard Times party at the Three Bells schoolhouse Saturday evening. The costumes were very amusing and produced a great deal of hilarity.

The Peninsula was well represented at the Rebekah and Oddfellow Masquerade in East Jordan Friday evening. All report a very enjoyable time.

A. J. Wangeman, who has been employed in the U. P. for several weeks, visited his parents, Mr. and Mrs. F. H. Wangeman last week.

Mr. and Mrs. Joe Habel and little daughter of Grand Rapids, Mrs. Rosie Habel and Mr. and Mrs. Henry Ribble of East Jordan spent Saturday afternoon with Mr. and Mrs. Ralph Gaunt in Three Bells Dist.

Mr. and Mrs. Will McGregor and daughter, Miss Doris, who have occupied the Hayden cottage since April, have moved back to Boyne City.

S. Archie Hayden received a call Thursday to report for work at the Ford Motor Plant in Detroit by Nov. 1st, and he with his family who have been staying at Orchard Hill for three weeks, returned to Detroit, Saturday.

G. C. Ferris received his call Saturday to return to the Ford Motor Plant for work by Nov. 1st and left Sunday morning. He has been at his farm about ten days.

Mr. and Mrs. T. J. Hitchcock of East Jordan were supper guests at Orchard Hill Sunday evening. They took Arlene and Lloyd Hayden home with them for a visit.

Highway Comm'r Elmer Faust spent last week on the West Side of South Arm Lake repairing roads, he is putting up snow fences on the Peninsula this week.

Mr. and Mrs. David Gaunt, Mr. and Mrs. Ralph Gaunt and daughter, and Clarence Dewey of Three Bells Dist., Mr. and Mrs. Will Gaunt and family of Knoll Krest, and Mr. and Mrs. Robert Myers of Mountain Dist., made up a birthday party on Mrs. Clarence Johnston, Sunday. They had a very pleasant time.

**WEST SIDE**  
(Edited by Mrs. Frank Kiser.)

Mr. and Mrs. Gene Best and daughter, Frances, and Mrs. Smalley were visitors at the home of Mr. and Mrs. Frank Kiser last Sunday.

Mrs. Frank Kiser and Mrs. Tom Kiser and son were visitors of Mrs. Lew Harnden of Eveline last Wednesday.

Mr. and Mrs. Guy LaValley were callers at the Frank Kiser home Monday afternoon.

Dale Kiser spent Monday night with Gabriel Thomas.

Frank Kiser and family were at Charlevoix last Saturday.

Mr. and Mrs. Marion Best of Eveline dined at the Frank Kiser home last Sunday.

Prayer meeting is held at the home of Mrs. Roberts on the West Side every Tuesday evening. Everyone is welcome.

**PLEASANT HILL**  
(Edited by Anson Hayward)

Sunday School was well attended as usual. Preaching by Henry VanDeventer.

Mr. and Mrs. Joe Gaunt and son, Walter, also Mr. and Mrs. Frank Gaunt were dinner guests of Alvin Ruckles, Sunday, Oct. 25th.

David VanDeventer and daughters Margaret, Ruth and Opal, and son, Kenneth called on Anson Haywards and also took dinner and supper with them on Saturday, Oct. 31st.

Henry VanDeventer had the misfortune to lose two cows, one heifer and two sheep by poisoning, from a container which had been used for killing grasshoppers.

Anson Hayward called on Mrs. Jubb, Friday.

Henry VanDeventer and family were dinner guests at the Hayward home.

George Carpenter called at his farm, Sunday.  
A few of the neighbors here are going to work on M-66 near Bellaire this week. Dan Bennett is going to drive them over.  
Lucius Hayward called at the Hawley home Sunday.  
Will VanDeventer is plastering his house which he purchased from John Schroeder, and expects to move soon.

**SOUTH ARM**  
(Edited by Mrs. Chas. Murphy)

Veima Trojanek and Marguerite VanDeventer spent Saturday night with their aunt, Mrs. Walter Heileman.

The South Arm Home Furnishing Club met at the home of Mrs. Clara Liskum Oct. 22. Ten members were present.

Mr. and Mrs. Irving Crawford attended the Potato Show at Gaylord, Thursday. Mr. and Mrs. Wm. Murphy went Wednesday.

Mrs. Wm. Murphy spent Thursday at the home of Wm. Pickle in Boyne City.

South Arm Grange gave a public Hard Times dance Saturday, Oct. 31. Miss Dorothy Merritt of East Jordan won the ladies first prize, while Fred and Merritt Shaw tied for men's best costume.

Clarence Murphy returned to McGregor, Mich., after a week's vacation here with relatives and friends. Eddie Mortimer arrived at the Roscoe Smith home Monday.

Twenty-five relatives and friends celebrated Walter Heileman's birthday at the George Mayhew home.

Mr. and Mrs. James Nice and Will Nice left Thursday for a visit in Ontario, Canada. Will Nice will remain there with his mother this winter.

The Home Furnishing Club will meet with Mrs. Vernon Vance, Nov. 10th. The lesson will be on rug making.

**WILSON TOWNSHIP**  
(Edited by Mrs. C. M. Nowland)

Mr. and Mrs. Walter Kremkow and Irving Coykendall of Dearborn, and Loyal Watt of Flint spent the week end at the home of their mother, Mrs. Arvilla Coykendall. They were accompanied by Miss Cora Demming of Toledo, Ohio, who had been attending school there for two months.

Mr. and Mrs. Fred Kurtz were surprised Thursday evening, it being their 29th wedding anniversary. The evening was spent in visiting and playing cards. They received many nice gifts. Lunch was served to 31 guests.

Mrs. Lottie Gallop of Manton spent a few days at the home of Mr. and Mrs. Clark Colver.

Wm. Sutton and son-in-law, Bruce Fritz of Jackson spent the week end with the former's parents, and his wife's mother, Mrs. Sarah Hudkins.

Mr. and Mrs. Max Graham and sons spent the week end with her grandmother, Mrs. Alma Nowland.

Clinton LaValley and son of Muskegon spent the week end with his father, George LaValley.

Frank Kaake with son, Donald and daughter, Helen made a business trip to Flint middle of last week.

Mr. and Mrs. Omer Scott of Boyne City had a Hard Times party at their farm home Saturday evening. Luncheon was served.

Mr. and Mrs. P. Beals and family of Echo were Sunday visitors of her mother, Mrs. John Smith.

Mr. and Mrs. Wesley Staley and sons, Ralph and Harold Green spent the week end with her father, John Hott. All taking Sunday dinner with Mr. and Mrs. Don Hott of South Arm.

Afton School's Box Social was well attended Friday evening at Wilson Grange Hall. Johnny Guzniczak was the Auctioneer. The receipts were \$8.00.

Mrs. Lee Miller of Pleasant Valley accompanied Mr. and Mrs. Lou Davis to Traverse City, Sunday, to attend the funeral services of the latter's cousin, Mrs. Clyde Canute, a former Boyne City resident.

Mr. and Mrs. Earl Batterbee of East Jordan were Monday supper guests of Mrs. Alma Nowland.

Charles Nowland and Fred Winkler spent the afternoon hunting, bagging two rabbits.

Mr. and Mrs. Tom Shepard visited their daughter, Mr. and Mrs. Joe Leu of Peninsula, Sunday.

Mrs. Arvilla Coykendall attended a party Thursday night which Mrs. Knightlinger gave for the officers of the Rebekah Lodge of Boyne City.

Mr. and Mrs. Fred Martin of South Arm visited his brother, Mr. and Mrs. John Martin Sr., Sunday.

Mr. and Mrs. Harry Behling visited her parents, Mr. and Mrs. Fred Stenke, Sunday afternoon.

Mr. and Mrs. Herman Schultz of Muskegon were recent visitors of his parents, Mr. and Mrs. Ernest Schultz. Ray Nowland suffered a badly lacerated hand last Thursday while buzzing wood, making it necessary to visit a doctor to dress it a few times.

Mr. and Mrs. George Jaquays and daughter, Marian visited his brother, Mr. and Mrs. Walter Jaquays of Pellston, Sunday, Oct. 25th.

Mr. and Mrs. Omer Scott and daughter Alda of Boyne City were Sunday dinner guests of her parents, Mr. and Mrs. A. R. Nowland.  
John Vrondran, and Mr. and Mrs. Alex Wely returned last Wednesday from Colver, Indiana, where the former was called by the death of his sister, Mrs. Tom Murphy.  
Mr. and Mrs. George Mayhew and son, Bert, of Mt. Bliss spent Thursday evening at the home of her brother, Mr. and Mrs. Geo. Jaquays.  
Mr. and Mrs. Paul Newman and nephew of Petoskey were Sunday visitors of Mr. and Mrs. R. E. Nowland.

**DEER LAKE**  
(Edited by Mrs. Roy Hardy)

Mrs. P. Spohn spent a few days last week at the home of Mr. and Mrs. Dick Wheaton of Boyne City.

Mrs. Merritt Finch spent Sunday with Mrs. Roy Hardy, bringing her a bouquet of June roses, picked from her garden.

Deer Lake Grange Hunt Supper held Oct. 24th was attended by a large crowd. Tickets were sold on a calf, quilt, sofa cushion and a bushel of apples. Gerald Nice of South Arm won the calf; Albert Knop of the German Settlement, the quilt; Marion Russell of Boyne Falls, the sofa cushion, and Archie Murphy of South Arm, the apples. After the bountiful supper at which everyone did ample justice, the evening was spent in dancing to the splendid music rendered by Mr. Brown and Mr. Middleton of Boyne City.

Mrs. M. Hardy visited her daughter Mrs. Maurice Pierce of Petoskey, Saturday.

Dora Barber and Otella Green visited Evelyn Hardy Friday evening and attended the Halloween Box Social at Afton, given by Mrs. E. Miles and pupils.

Mrs. George Hardy returned home Saturday from Petoskey, where she has spent the past two weeks at the M. Pierce home.

Miss Nellie Raymond visited the Brown school, Wednesday afternoon.

Mr. and Mrs. Allison Pinney of Chestonia visited at the Raymond home Sunday.

Will Sutton and son-in-law, Bruce Fritz, of Jackson, visited the former's parents, Mr. and Mrs. Joel Sutton, Sunday.

Mr. and Mrs. George Barber announce the arrival of a 12-lb. daughter, born Oct. 31st, and will answer to the name of Rena Caroline.

Jim Pawnishing of Pellston called at the Earl Barber home, Sunday.

Mr. and Mrs. Ernest Slaughter and mother, Mrs. Clara Slaughter visited relatives at Bellaire, Oct. 18th.

Miss Mary Guzniczak of Petoskey visited her parents, Mr. and Mrs. Julius Guzniczak over Sunday.

Mrs. H. C. Barber returned home from Bay Shore, Sunday, where she has been caring for her new granddaughter.

Deer Lake Home Economics Club met Nov. 3rd at the Lumley home. Meeting opened in form. Each member named the number of articles or furniture they had added or eliminated from their rooms, therefore establishing formal or informal balance. Lessons on "Color in the Home" was given by Sidney Lumley. Nine members and five visitors were present. The visitors were Mrs. Chas. Hott, Dora Barber, Geraldine, Adelaide, Louise Riedel and Geraldine Snyder. Meeting closed in form. The next lesson will be on "Dyeing" and will be held at the Riedel home.

**EVELINE**  
(Edited by Mrs. Walter Clark)

The Walker school has been re-named and will be known in the future as the Eveline Orchards school. Our school has a new mail box now.

Mrs. Lew Harnden and Mr. and Mrs. Max Graham were in Charlevoix on Thursday.

Lew Harnden helped Walter Clark buzz wood Friday afternoon.

The school children enjoyed their Halloween party at school Friday afternoon.

Lew Harnden is helping Jim Zitka work on his new house.

Mrs. Lew Harnden visited Mrs. Frank Kiser, Sunday.

Mr. and Mrs. Max Graham and children spent the week end with her grandmother, Mrs. Alma Nowland of Wilson township.

Mr. and Mrs. Tony Zoulek and daughter, and Thelma Grant, and Mr. and Mrs. W. Clark were callers at the Jim Zitka home Sunday afternoon.

Miss Emma Jane Clark and Mrs. Don Panks called on Mrs. John Cooper Sunday afternoon.

Mr. and Mrs. Will Walker and family visited his mother and sisters in Charlevoix, Sunday.

Mr. and Mrs. Everett Spidle spent Sunday with her parents at Mancelona.

Kalamazoo—John H. Thomson, one of Michigan's most widely known livestock breeders, died recently at his home near this city. He owned more than 200 trophies, including gold and bronze medals from the Philadelphia Centennial Exposition in 1876, won when he was 16 years old, for the best herd of Ayrshire cattle shown there.

Paris—Passengers riding the Pennsylvania Railroad trains from Cadillac to Grand Rapids have lost their best joke. Each time a train stopped here, somebody was sure to look out the window and remark, "So this is Paris." Now that the Pennsylvania has abandoned the station as a regular stop, passengers will have to think up a new joke.

Grand Haven—The City Council is trying to decide whether the City Hall is worth \$80. It will cost that much to paint the building which houses the police, fire, and welfare departments. The labor will be furnished by welfare recipients, and the \$80 is only for material. The building was erected in the 70s and got its last coat of paint in 1914.

**JORDAN TOWNSHIP**  
(Edited by Mrs. A. Stanek)

Mr. and Mrs. Frank Haney were Friday evening visitors at the Peter Stanek home.

Mrs. Joseph Trojanek is staying at the home of her daughter, Mrs. Frances Nemecek for a few days.

Mr. and Mrs. Frank Stanek Sr. and sister, Miss Fanny Stanek, and Mr. and Mrs. George Stanek and children were Sunday dinner guests at the home of their daughter, Mrs. Chester Walden, and son, William, of East Jordan.

Mr. and Mrs. John Hajek motored to Traverse City, Monday, to visit their son, Francis, who is at the State Hospital there.

Mr. and Mrs. Peter Stanek and son Archie visited his uncle, Mr. and Mrs. John Stanek, Sunday afternoon.

Mr. and Mrs. John Lenosky and James Novak and mother were Sunday guests of Mr. and Mrs. Frank Haney.

Mrs. Jennie Nachazel is on the sick list with a bad cold.

Charles Sulak has returned home after being in a Petoskey Hospital for some time.

Frank Kaake and children of Shepard Hill motored to Flint for a few days last week, returning Thursday.

Peter Stanek was the lucky man to kill a chicken hawk last Monday as it was trying to land on some of his chickens. The hawk measured 41 inches across the wings from tip to tip.

**ECHO**  
(Edited by Mrs. Denzil Wilson)

Mr. and Mrs. Sam Bennett and sons of St. Ignace are here for a visit with friends and relatives.

Mr. and Mrs. Elmer Murray and Harold Henderson called on her mother, Mrs. John Henning Sunday afternoon.

Mr. and Mrs. Wm. Derenzy and children visited his sister, Mrs. Thos. Ludbrook and family of Petoskey, Sunday.

The County Nurse and Dr. Dean were at the Bennett school last Friday and vaccinated the children for smallpox.

Roscoe Mackey and son, Robert of Grand Rapids spent a few nights at the home of Mr. and Mrs. Thos. Bartholomew.

Miss Hazel Walker and Thos. Bartholomew called on Mr. and Mrs. Joseph Rebec, Sunday.

The Community meeting was well attended last Saturday night. The next meeting will be held Nov. 21st. The Misses Anna Derenzy and Margaret Kidder look after the cats, and Esther Umlor and Alice Wilson have

charge of the program.  
Mrs. Joseph Prevo was a caller at the Elmer Murray home Tuesday afternoon.

Mr. and Mrs. Sam Bennett and sons, and Mr. and Mrs. Otto Bolser were dinner guests of Mr. and Mrs. Ben Bolser, Monday.

Mr. and Mrs. Loyal Barber were callers at Thos. Bartholomew's, Monday.

Try Chloroform  
Subject: "Have I the right expression?"  
Photographer: "Perfectly natural, sir."  
Subject: "Then be quick, it hurts my face."

Teacher: "What did Juliet say when she met Romeo in the balcony?"  
Pupil: "Couldn't you get seats in the orchestra?"

"Well, Mrs. Murphy, how are ye today?"  
"Oim bether than I wuz, Mrs. McGinnis, but I ain't so good as I wuz before I got as bad as I am now."

**PETOSKEY**  
**Recreation Billiard and Bowling Parlors**  
FRANK IRWIN, Prop'r  
420 Mitchell St.  
Petoskey, Mich.  
**BOWLING and BILLIARDS**  
The only Snooker Table in the North.  
LOTS OF FUN  
OPENING DATE  
FRIDAY, OCT. 30, 1931  
ROYAL WELCOME TO ALL!

MILLIONS PREFER  
**FOLEY'S**  
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GENUINE HONEY & TAR COMPOUND  
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## Small Fruit Offers Opportunity Here

THREE BERRY CROPS USED AS ILLUSTRATION BY STANLEY JOHNSTON

Stanley Johnston, Superintendent of the South Haven Experiment Station, gave the visitors at the show a very enthusiastic talk on the opportunities for small fruit in northern Michigan.

Mr. Johnston discussed primarily the red raspberry, the strawberry, and the blueberry. "These three fruit crops," he remarked, "offer the grower many opportunities."

"Certain parts of Northern Michigan have already attracted considerable attention as successful producing areas of Cuthbert red raspberries. Apparently the Cuthbert does better in parts of Northern Michigan than it does in the southwestern part of the state. Where the Cuthbert can be grown successfully it is without a peer among red raspberries due to its excellent quality and exceptional canning ability. This variety no longer seems to do well in Southwestern Michigan on account of its susceptibility to leaf curl, one of the virus diseases, and accordingly it is being replaced to a large extent by Latham. The latter variety, while it is vigorous and productive, is of inferior quality and is not adapted to commercial canning because the berry crumbles in the canning process.

Small fruit growers in the northern part of the state would do well to continue growing Cuthbert rather than other red raspberry varieties. There will always be a demand for good quality fruit of this variety and also a demand for healthy plants. Nurseries are constantly looking for sources of Cuthbert stock free from disease. Commercial fruit canners of the state will also be interested in obtaining Cuthbert berries when they would not be interested in the fruit of any other red variety. This insures a double market for the fruit which is a very desirable situation, especially during years of heavy production.

"It is unlikely that the black raspberry can be grown in Northern Michigan as successfully as in the (Continued on page 2)

## Standard Potato Club Shows Value of Better Grading

J. J. Bird, potato specialist gave a very interesting talk on table stock production at the general session on Thursday. He outlined the plan and purpose of the Michigan Standard Potato Club, and gave results of its first year's trial. Quotations from his talk follow:

"About one-tenth of the potato growers in Michigan grow high quality tablestock. The New Standard Club is designed to insure the production of a fancy grade of superior quality tablestock by regulating somewhat the production methods employed, and to identify the product on the market.

"This first year, 137 growers joined the Club, growing a total of 1275 acres. Due to growing conditions, only about 40,000 bushels of potatoes will make the Fancy grade.

"The fields were inspected once during the growing season to see that rules governing type of soil used, early planting, close spacing and proper spraying were being followed. Field inspections did not consider disease, since the grade is not to be confused with seed production. (Continued on last page)

## Pearl Bonter Is Premier Grower

WILL COMPETE AT STATE SHOW FOR \$125.00 TRIP NEXT SUMMER.

A new premier potato grower was announced at the show with the selection of Pearl Bonter of Pellston, Emmet County, as the winner.

Mr. Bonter won this contest in a field of fifteen growers with a total score of 790.3 points. His nearest competitor was K. Klooster of East Jordan, with a score of 760.9 points.

This contest was open to any potato grower within the Top O' Michigan territory, who produced five or more acres of certified seed or Michigan new standard tablestock potatoes.

The contest was judged on the following points: Yield, Quality, and Showmanship.

Records were taken under direct supervision of the potato division of the Michigan State College.

Farmers from five counties were entered as follows: Emmet, Charlevoix, Presque Isle, Otsego, and Cheboygan.

Other winners in this contest were: Ed. Rambadt, of Metz, 743.9 points; Reinsner Bros. and Hopp of Hawks, 731.7; Harry Behling of Charlevoix, 722.4; K. A. Shaff of Gaylord, 720.9; Roland Risk of Petoskey, 703.8; Dale Nichols of Pellston, 671.0; Wayne Townsend of Gaylord, 641.7; Mark Demerest of Johannesburg, 632.2; Albert Dietz of Hawks, 627.1; McKenzie of Johannesburg, 613.3; A. J. Townsend of Gaylord, 600.4; A. Pawinski of Gaylord, 582.6; Otto Grambo of Metz, 559.3.

Mr. Bonter was awarded a beautiful Alladin Lamp and was automatically selected as the contestant from the Top O' Michigan territory to the State Show at East Lansing, in February, where contestants from five other shows will compete for a \$125 trip to some out of state potato growing section.

Mr. Bonter has been a regular exhibitor at the show and won third place in this contest last year. His friends were glad to see him win this year and are "rooting" for him at the State Show.

## Potatoes Needed In Regular Diet

MISS HARRIS POINTS OUT ERROR IN FATTENING QUALITIES

"Potatoes as a food have often been credited to Ireland, but history says the Spanish first found them in America and took them back as part of their offering from the new world, according to Miss Margaret Harris, assistant state Home Demonstration Leader at Marquette, Mich., who spoke on the Women's Program of the Ninth Annual Top O' Michigan Potato and Apple Show. "Their adoption and extensive use in other countries as well as in Ireland has made them at the present time one of the vegetables which are an important part of the modern diet.

"Fads in food and in 'dieting to reduce' has led to many errors in the public minds of the real value of many foods, according to Miss Harris. "Potatoes as a food are important for the minerals and vitamins they furnish and economically are of great value in Michigan.

"The large part of the potato being starch has led many to believe that the carbohydrate is the only thing of food value to consider. The composition of an average potato is 75 to 79 per cent water; 18 to 20 per cent carbohydrate; 2 to 2.5 per cent protein; 1 per cent ash, and a trace of fat. While the potato is rightly called a starchy food, it supplies bulk, another important need in the diet.

"From the standpoint of acid-forming and base-forming qualities, it has been said that one medium sized (Continued on page 8)

## Seven Hundred Sixty-three Exhibits Apples - Potatoes Vie for Honors at 9th Show

FRANK GUY OF PELLSTON SWEEPSTAKES WINNER AGAIN IN SPUDS; HOMER WARING OF ANTRIM APPLE SWEEPSTAKES WINNER

Apples took the lime light at the Ninth Annual Top O' Michigan Potato and Apple Show held at Gaylord last week.

Nature favored the Top O' Michigan last year with beautiful sunshine mixed with sufficient rainfall so that apples of highest quality with bright red cheeks hung heavily from the thousands of apple trees in this territory.

The apple growers, quick to sense the opportunity of making a little extra cash in the way of Premiums, selected their best and literally brought them to Gaylord in truck loads, and they were amply repaid.

When all entries of apples were in there were just four hundred two. This was more than twice the number exhibited last year, when only 158 entries were made.

The potato men were also anxious to show their ability at showmanship and did not, in any way, show the effects of the agricultural depression. Possibly the attractive premiums offered were responsible in part for the 361 entries of potatoes. Twenty dollars for the best peck looked considerably more attractive than eighteen cents a bushel for U. S. No. 1 table stock at the local warehouses.

Of course the quality was much better, in fact far superior to the U. S. Fancy grade. When John Tucker, judge, finished his talk he remarked that it was one of the best potato shows, devoted primarily to Russet Rurals, that he had ever judged.

Frank Guy of Pellston, was the outstanding winner in the potato classes, having won the sweepstakes for the second consecutive year and all that goes with it in the way of cash premiums, silver loving cups and trade prizes.

This is the first time in the nine years of the show that the same potato grower has won a second time. Mr. Guy is also a recent exhibitor, having exhibited for the first time three years ago.

Homer Waring was the outstanding winner in the apples with sweepstakes in both plate and trays and first in bushels.

In the potato classes there were 122 entries in the open class of Russet Rurals; ten in White Rurals; four in any other variety of late potatoes; eight in Irish Cobblers; six in any other early variety; fifty-nine beginners; six county; twenty-five certified bushel Russet Rural; one certified Irish Cobbler; two any other variety of certified; ten baking; eleven best potato; ninety-seven junior exhibits.

In the apple classes there were one hundred eighty-three plates; ninety trays; fifty-seven bushels; seven collections of fifty; twenty-four fancy packs; and forty-one best apple.

The complete list of winners in the potato and apple classes is as follows:

A complete list of winners at this show is as follows:

- Potatoes**  
 Class 1 - Russet Rurals (32 potatoes).  
 1st. Frank Guy, Pellston.  
 2nd. Allan Taylor, Metz.  
 3rd. Adolph Reinsner, Hawks.  
 4th. Fred Schmalzreid, Levering.  
 5th. Reinsner Bros. and Hopp, Hawks.  
 6th. Wm. Shepard, East Jordan.  
 7th. Harry Behling, Boyne City.  
 8th. Frank Rotter, Alanson.  
 9th. A. N. McDonald, Millersburg.  
 10th. Wm. Reinsner, Hawks.  
 11th. Geo. Bonwell, Johannesburg.  
 12th. Wm. Reinsner, Hawks.  
 13th. Mark Demerest, Johannesburg.  
 Class 2. White Rural (32 potatoes).  
 1st. Reinsner Bros. and Hopp,

- Hawks.  
 2nd. Chas. Radtke, Alpena.  
 3rd. M. Smilowski, Gaylord.  
 4th. Wm. Duncan, Alpena.  
 5th. Harold Haken, Alpena.  
 6th. Frank Behling, Boyne City.  
 Class 3. Any other late variety (32 potatoes).  
 1st. Frank Behling, Boyne City.  
 2nd. Albert Gerhke, Alpena.  
 3rd. Geo. Coulters, Gaylord.  
 4th. Hugh Heynig, Harbor Springs.

- Early Potatoes**  
 Class 4. Irish Cobblers.  
 1st. J. D. Robinson, Pellston.  
 2nd. Geo. Sneathen, Charlevoix.  
 3rd. Frank Behling, Boyne City.  
 4th. Chas. Herron, Alpena.  
 5th. Clarence Greenman, Elmira.  
 6th. Lee Sneathen, Charlevoix.  
 7th. O. R. Cook, Van.  
 Class 5. Any other variety (32 potatoes).  
 1st. Fred Brudy, Wolverine.  
 2nd. Albert Gerhke, Alpena.  
 3rd. Geo. Skilton, Gaylord.  
 4th. Geo. Poquette, Alanson.  
 5th. Frank Behling, Boyne City.

- Beginners Class**  
 Class 6. (32 potatoes)  
 1st. Allan Taylor, Wertz.  
 2nd. Wm. Shepard, East Jordan.  
 3rd. G. Bonwell, Johannesburg.  
 4th. Paul Pernie, Alpena.  
 5th. Earl Bacon, Petoskey.  
 6th. Frank Demerest, Gaylord.  
 7th. Roland Risk, Petoskey.  
 8th. Otto Grambo, Metz.  
 9th. John Rittau, Hawks.  
 10th. Bert Van Heusen, Boyne City.  
 11th. Robert Bonter, Pellston.  
 12th. Bernard Jakubiak, Alpena.

- County Exhibit**  
 1st. Presque Isle County.  
 2nd. Emmet County.  
 3rd. Charlevoix County.  
 4th. Cheboygan County.  
 5th. Otsego County.  
 6th. Alpena County.

- County Sweepstakes**  
 Emmet County—Frank Guy, Pellston.  
 Charlevoix County—Wm. Shepard, East Jordan.  
 Cheboygan County—Fred Brudy, Wolverine.  
 Otsego County—Geo. Banwell, Johannesburg.  
 Presque Isle County—Allen Taylor, Metz.  
 Alpena County—R. J. Gerhke, Ossineke.  
 Alcona County—1st. Raymond Adair, Harrisville; 2nd. Samuel Lilly, Harrisville.

- Montmorency County**—1st. Albert Kekko, Lewiston; 2nd. Osmo Pynnonen, Lewiston.  
**Antrim County**—1st. Stephen Wing, Alba; 2nd. Karl Larson, Alba; 3rd. Lloyd Starks, Alba.

- Certified Russet Rural Seed Potatoes**  
 1st. Pearl Bonter, Pellston.  
 2nd. Chas. Cetas, Goodhart.  
 3rd. Fred Schmalzreid and Sons, Levering.  
 4th. Frank Guy, Pellston.  
 5th. J. D. Robinson, Pellston.  
 6th. Mark Demerest.  
 7th. Frank Demerest.  
 8th. Elias Luesing, Levering.  
 9th. Harry Behling.  
 10th. Reinsner Bros. and Hopp.

- Certified Irish Cobblers**  
 1st. J. D. Robinson.  
**Any Other Variety of Certified Seed**  
 1st. J. Fred Brudy.  
 2nd. Frank Behling.

- Baking Potatoes**  
 1st. Harry Behling.  
 2nd. Frank Behling.  
 3rd. J. Fred Brudy.  
 4th. Mark Demerest.  
 5th. A. H. Evers, Petoskey.

- Best Potato**  
 Robert Bonter, Pellston.  
**Apple Trays**  
 Macintosh  
 1st. Homer Waring, Kewadin.  
 (continued on last page)

## Alfalfa Seed Joins Potatoes and Apples In Show Competition

For the first time in the history of the show Premiums were offered for exhibits of Alfalfa seed.

This new feature of the Show attracted eleven alfalfa growers of the Top O' Michigan.

Six of these exhibited certified seed while five brought in uncertified common.

Mr. R. E. Decker, in charge of the Certification work of the Michigan Crop Improvement Association, judged the exhibits and declared H. L. Ostrander of Afton the first prize winner in Certified classes and the sweepstakes winner.

The alfalfa seed was judged on the basis of purity, color and lustre, freedom from damaged seed, maturity and uniformity.

The complete list of winners in this division were as follows: Certified Alfalfa Seed—1st, H. L. Ostrander, Afton; 2nd, Albert Deltz, Rogers City; 3rd, Fred Katoma, Glennie; 4th, A. F. Longpre, Curran; 5th, Mrs. Jennie Thomas, Afton; 6th, O. R. Mederick, Glennie.

In the Common Classes winners were: 1st, S. P. Hertzler, Glennie; (Continued on last page)

## J. Tucker Explains Use of Good Seed

PREPARATION OF SEED BED ALSO MOST IMPORTANT FACTOR

Editor's note—Mr. Tucker judged the potatoes at the Ninth Annual Top O' Michigan Potato, Apple and Seed Show and appeared on the program on several occasions. We print below the paper prepared by him:

The potato occupies fourth place in the value of all field crops grown in Canada, being exceeded only by wheat, oats, and the hay and clover crops. The average area planted to potatoes for the past ten years was 584,000 acres. The average crop is estimated at 84,000,000 bushels per annum. The value of the crop averages \$60,000,000 per annum.

The distribution of the crop is roughly as follows: 28.2 per cent in the Maritime Provinces (Prince Edward Island, Nova Scotia and New Brunswick); 30.5 per cent in Quebec; 21.9 per cent in Ontario and 19.4 per cent in the four Western provinces. This works out roughly at 20 bushels per capita for the Maritimes, 8 bushels per capita for Quebec, 5 bushels per capita for Ontario and 5 bushels per capita for the Western provinces.

It is evident from these figures that a surplus over normal requirements is produced every year in the Maritimes and also that this surplus, to be disposed of successfully in competition elsewhere, must be of very high quality. It is on this account that the bulk of the following remarks is confined to potato production in the Maritimes as it is obviously impossible to cover general practices over such a wide area as the Dominion in the limited time allotted to the subject.

Whether potatoes are grown for seed purposes or for table stock, it is essential that only the very best seed be used since good foundation stock is the basis of good crops and profitable markets. The production of high quality potatoes requires special care in the selection of seed, thorough methods of control of diseases, good rich, well drained, loose, friable soil, good cultivation, and the (Continued on page 3)

## Annual Banquet Was Big Success

BALDWIN MADE IDEAL TOASTMASTER AND KEPT EVERYONE HAPPY

The annual banquet held in connection with the Potato and Apple Show was well attended and a good program was presented.

Three hundred farmers and business men sat down to a bounteous serving of food prepared by the Methodist Ladies of Gaylord.

President Gerhke of the Potato Show introduced L. S. Baldwin, manager of the Antrim Iron Works of Mancelona, who presided—and very ably—as toastmaster.

Keeping everything moving along in splendid manner, Mr. Baldwin introduced as the main speaker Professor E. L. Austin of the Michigan State College, following a brief address of welcome by Felix Reaume, Mayor of Gaylord.

Professor Austin is the head of the Department of Education at that institution and gave a splendid talk on the schools of our state and its effect on our youth.

"The school, the church, and the home are the triumvirate that controls the destiny of our country," he remarked.

Professor Austin laid particular emphasis on the costs of our school system and pointed out that even though they seemed enormous we were spending only five cents per day per capita in the United States for our school children.

He remarked that "For every dollar spent for schools in Michigan we spent five dollars for crime control and six dollars for automobiles."

"There are 33,000 public schools in Michigan exclusive of private or state schools and that over 1,000,000 children are in school in this state," he stated.

He concluded his remarks with the statement that in 1928 over \$149,000,000 were spent for operating expenses of Michigan Schools with an additional investment of \$249,000,000. This then is the biggest industry in the state." (continued on last page)

## TOP O' MICHIGAN GROWERS ARE BEST

Eight of the twelve counties of the Top O' Michigan territory contain 55 per cent of the certified seed potato growers of the state and 67 per cent of the state acreage during 1931. This should produce over 75 per cent of the state certified seed.

In the New Michigan Standard Potato Club seven counties in this area have 21 per cent of the members and 24 per cent of the state acreage. This indicates the progress the Top O' Michigan growers have made during the last decade.

## Benzonia Takes First in Contest

SECOND YEAR THIS CHOIR HAS LED FIELD. EIGHT COMPETE

For six years there has been a choir singing contest held in connection with the Top O' Michigan Potato, Apple and Seed Show, under the auspices of the R. E. Olds community singing fund. Each year the quality of the singing has been commented on as showing great improvement.

This year there were but eight choirs competing, three failing to show up, and again Benzonia, winner of the contest last year, took first place, the only time the same choir has won two firsts.

To describe the work of each choir would be impossible. There was much praise in each one, according to the judges, Prof. F. J. Killeen, assistant director of the Institute of Music and Arts at M. S. C., and E. C. Saue, professor in the agricultural engineering department of M. S. C., and director of the Orpheus Club. Both are accomplished music directors, with a wide experience that was acknowledged by all choirs competing.

The choirs, in the order they were drawn, were as follows: Vanderbilt, Alanson, Empire, Benzonia, Kaleva, Bellaire, Atwood and Herron.

The winners were Benzonia, Kaleva, Vanderbilt, Atwood, Herron, Bellaire, Empire and Alanson, in the order named, and each one received prize money.

It is significant that none of the larger communities were present, and (continued on last page)

## Production and Demand Set Price

O. B. PRICE SAYS WE SHOULD PRODUCE MORE POTATOES ON FEWER ACRES

Everyone will remember last year (1930-31) as a year of low potato yields and will remember this year (1931-32) as a year of low potato prices.

In many respects the two go hand in hand, particularly when the total production in the United States is high or low. High yields generally mean low prices and low yields high prices.

"Value per acre is oftentimes more important, however, than value per bushel," according to O. B. Price, Agricultural Agent of the New York Central Lines, "for it is the interest on land, taxes, labor, etc., that makes up the major cost of producing potatoes."

"Interesting potato history is recorded by the United States Bureau of Agricultural Economics during the last seventy-five years; records have been kept of acreage, yield, production, and value of crops.

"If we go back to 1895, before most of us were growing potatoes here, we find that there have been only six years when the acreage of potatoes in Michigan was less than in 1930, and those six years occurred before 1901. There was only one year when the average yield per acre was less than 1930, and that was in 1916. There were only two years when the total production was less than in 1930.

"When we consider the value of the crop, the condition is quite different. (continued on last page)

## Stephen Wing Wins Chicago Show Trip

The free trip to any 4-H Club boy in this area to the National Club Congress at Chicago in December, provided by the Ford Hardware Company of Gaylord and the International Harvester Company, was won this year by Stephen Wing of Alba.

In order to win this trip the boy had to be at least 15 years old, he had to be at least a second year 4-H club member, he had to exhibit 32 potatoes at the Potato Show and had to submit a report on his work.

In selecting the winner the judges based 40 points on report and story, 40 points on exhibit at the show, and 20 points on interest in club work.

Stephen is a son of Cliff Wing of Alba. He is 15 years of age, has been in club work four years and is in the tenth grade of the Alba school.

A very complete report on the project was submitted. We are pleased to summarize this report as follows: There was one acre in the plot. He used hill selected seed, and followed tuber unit planting. The potatoes were stored in a pit last winter. Corrosive sublimate was used for seed treatment. The potatoes were green (continued on last page)

## Show Room, Top O' Michigan Potato, Apple and Seed Show



## Potato Grower Helps Solve Large Problems

Mr. J. D. Robinson, one of the yearly exhibitors at the show, and one of the money winners every year has taken full advantage of the low prices of farm commodities and unemployment to the mutual advantage of himself and the men desiring work.

Last year J. D. Robinson of Pellston, at the time when the drought was materially injuring his potato crop, hastily devised an irrigation system that gave results to the tune of a 60 bushel increase per acre by an application of 4 inch of water per acre. This year, although he still believes in irrigation, he did not go to the expense of setting up his equipment as all indications pointed to low price potatoes that would not warrant this additional cost.

At the beginning of this season conditions in Pellston, near where Mr. Robinson's farm is located, were none too good. Pellston, an old mill town, had many seeking labor. This fact, together with the banks being "tight" in extending credit, caused Mr. Robinson to set up a scheme of trading labor for farm produce.

With 24 acres of potatoes, a good grain acreage, a flock of sheep and a (continued on last page)



## Small Fruit Offers Opportunity Here

(continued from page 1)  
southwestern part of the state. To grow black raspberries near the Cuthbert plantings of Northern Michigan would also create a much more serious disease situation. Mild mosaic often spreads from red to black varieties causing severe stunting of the latter. There are also many wild red raspberry plants in the northern part of the state that are infected with mild mosaic and these plants would serve as a source of infection to the black raspberries planted nearby. In view of the importance of the red raspberry industry in Northern Michigan and the question-

of raspberries.  
"It seems needless to say that good cultural operations are very necessary in successful raspberry culture. Probably no other commonly grown fruit plant, unless it is the peach, will show the ill effects of poor care as quickly as the raspberry. The plants are very sensitive to soil conditions, and they are also subject to several diseases that cannot be controlled by spraying. There is abundant opportunity to use skill and good judgment in growing raspberries successfully, and, while the grower will not make the sensational sales that a peach grower makes during occasional years, his business is more stable and he is fairly certain of a moderate income each year.

**Strawberries**  
"There is one phase of the strawberry situation that holds considerable promise to Northern Michigan growers and that is to supply the late market. Prices for strawberries show a marked increase late in the season due to the fact that the large producing districts to the south are through shipping. Some Southern Michigan strawberry growers have already realized the situation and have established plantations in the northern part of the state. Undoubtedly, the attempt to meet the demand for late strawberries will result in additional plantings being made in Northern Michigan.

"The two limiting factors in strawberry growing in the northern part of the state are frost and drought. Some protection against frost can be obtained by selecting proper sites and by the use of mulch to delay blossoming in the spring. Drought has always been a serious factor on the higher soils in Northern Michigan, but these same soils will produce fine strawberries if sufficient water is available. The Agricultural Engineering Department of the Michigan State College is now attempting to develop a cheap and efficient means of irrigation by the use of porous canvas hose. Strawberry growers in all parts of the state, especially those in light soils, should give serious thought to establishing some means of irrigation.

**Blueberries**  
"The Department of Horticulture has been carrying on investigation work with blueberries for several years at the South Haven Experiment Station. Most of this work has been with the highbush species as the varieties developed by workers associated with the United States Department of Agriculture are of this type. The highbush type is not found naturally in Northern Michigan and it remains to be seen whether or not it will be able to adapt itself to the growing conditions found there. In the meantime, selections of superior types of lowbush blueberries, the type that is found naturally in Northern Michigan, have been made and named varieties will be distributed for trial as soon as a supply of plants can be propagated.

"The blueberry is one of our most popular small fruits either in the fresh state or canned. The supply at present does not fill the demand. Michigan has large areas of land adapted to the culture of both the low and highbush types, and the possibilities of developing a profitable blueberry industry in the state are very promising.

"It should also be mentioned, in conclusion, that the tourist and resort business now ranks as one of Michigan's greatest industries. Northern Michigan receives a great share of this business. Small fruit growers in this section have a splendid opportunity of realizing considerable revenue by catering to this trade."

The Potato Show Association wishes to express their appreciation for the splendid cooperation given by the newspapers in getting information concerning the Show to the readers of the Top O' Michigan.

Not only have they devoted many columns of news weekly but the orders for this supplement have exceeded any previous year. A total of 25,000 supplements were printed, all but 1200 going to the readers of the Top O' Michigan.

The following newspapers are using this supplement:  
Alcona County Herald  
Alcona County Review  
Alpena News  
Bellaire Record  
The Boyne Citizen  
Cheboygan Observer  
Cheboygan Tribune  
Crawford Avalanche  
Charlevoix Courier  
Charlevoix County Herald  
Central Lake Torch  
Elk Rapids Progress  
Emmet County Graphic  
Ellsworth Tradesman  
Montmorency County Tribune  
Mancelona Herald  
Oscoda County News  
Otsego County Herald Times  
Onaway Outlook  
Petoskey News  
B. E. Musgrave, County Agricultural Agent of Kalkaska County is using 500 to circulate to farmers in his county.

Mr. Johnston judged the apples at the Ninth Annual Top O' Michigan Potato, Apple and Seed Show.

## Small-Trucker Is Ruining Orderly System of Marketing

Considerable discussion prevails among the farmers of the Top O' Michigan as to their responsibility for proper grading when selling to truckers who come up from southern Michigan cities and buy direct from the farmer on his farm.

Some truckers insist that the farmer properly grade and tag his potatoes, while others will take the field run.

This matter has been taken up with the Michigan State Department of Agriculture and we reprint herewith the regulations covering the handling, loading, shipping or transporting of potatoes in truck or carload lots, as contained in Act Number 2271, Public Acts 1929:

"It shall be unlawful for any person, firm, association, organization, trucker buying for resale, or corporation, or agent, representative or assistant of any person, firm, association, organization or corporation to pack for resale, expose for resale, or sell, transport, deliver or consign or have in possession for resale, transport, delivery or consignment for interstate commerce, potatoes prepared for market in other than retail quantities without first securing from the commissioner of Agriculture, by making application therefor upon a blank to be furnished by said official and accompanied by a fee of one dollar, a license to grade and load potatoes, which license shall be renewed annually. The Commissioner of Agriculture may suspend any such license temporarily for failure to comply with the provisions of the act or the provisions of the act governing the grading of potatoes or any rules or regulations made by him as herein provided for, and shall have the power to permanently revoke such license for cause."

It is evident from this that the farmer does not need a license to sell to truckers or local dealers.

Also, the potatoes that are sold to these truckers do not have to be "properly graded and tagged" but the truckers may require the farmer to go to this expense in order to make the sale at a price supposedly above market quotations. The trucker, however, who offers them for resale must have the potatoes properly tagged and graded. That is why he usually requests the farmer to do it.

It has also been rumored that many of these truckers, who are not liable, come into the Top O' Michigan for potatoes, then use the tags on inferior potatoes further south that he is able to buy at a lower price. This, of course, is unlawful, but it is difficult for the small crew of inspectors of the Department of Agriculture to catch all the violators.

It would seem more desirable and undoubtedly of greater value to the community for the potato growers to sell direct to their established dealers who will assume all responsibility for grading and packing.

The small independent trucker has demoralized the orderly system of marketing, which is so essential to the welfare of the farmer.

## Fertilizer Pays Big Dividends

KENNETH CUSTERHOUT TELLS OF THREE YEAR EXPERIMENT IN ANTRIM CO.

"Eating your cake and still having it" is a time old expression that has a very significant application to the alfalfa fertilizer plot at Dan Makel's farm between Alba and Mancelona along M-131.

If somebody had told Dan Makel that he could apply fertilizer to a spring seeding of oats and alfalfa in the spring of 1928 and get sufficient increases in yields to pay for it each of the following three years he would have politely told you to go straight to Traverse City where they provide for such indigents.

However, Mr. I. J. Mathews of the N. V. Potash Co. knew it would pay and was willing to furnish the fertilizer for the test. Makel believing that he had nothing to lose and everything to gain consented to the test and gave his cooperation.

Today Makel is thoroughly converted to the use of fertilizer in alfalfa. Who wouldn't be after living with those plots for three years? They have a way of speaking that is silent but more powerful than words.

Makel's soil is a Rubicon Sand, one well adapted to the growing of alfalfa and potatoes. It's on this type of soil that much of the certified seed potatoes of Antrim County are produced.

One crop each of the past three years have been harvested by Mr. Makel because of drought conditions following the first cutting. Prospects are good this year for a second cutting.

During the past three years the check plots (with no fertilizer) have produced 6320 pounds of dry hay valued at \$47.40. The plot having an application of 425 pounds of 0-16-0 produced during the same time 9606 pounds of dry hay per acre valued at \$72.04. Allowing for fertilizer costs a premium of \$19.38 was realized for one acre. Where 0-16-8 was used 10,993 pounds of dry hay were produced valued at \$77.94 giving a premium of \$23.36 over fertilizer costs for one acre.

The greatest increase in return resulted where 425 pounds of a 0-16-16 fertilizer was applied. This treatment produced 10,963 pounds of dry hay valued at \$82.21 giving a premium of \$25.71 over fertilizer costs.

Where can a farmer turn for a better place to invest his money and labor than to plentifully fertilize his new seedings of alfalfa. A money return of 300 per cent in three years is not to be over-looked by the progressive farmer and dairyman.

## Berry Production Will Increase In Next Few Years

From all indications the growing of raspberries will increase greatly during the next few years within the Top O' Michigan.

The plants are practically disease free and there is seldom a complete failure.

Production has already reached the point, where by cooperative action a car lot or more a day could be sent to Detroit, or eastern cities, such as Philadelphia, New York or Boston.

Investigations are now being made as to the market possibilities and competition offered in those cities.

Then too the increasing resort business offers a ready market for those whose production is still limited.

There are plenty of good growers in the territory to supply nursery stock so that the prospective grower can get a start from his neighbor. It looks like a sure thing in the Top O' Michigan and will work in well with potatoes and dairying.

The average yield of potatoes in the United States is lower than any other country except Italy.

## Hankey Milling Company

GAYLORD

POTATOES  
GRAIN  
FLOUR  
COAL

52 years in business  
Let's Trade

## Over \$1,700 In Prizes Were Won By Mich. Farmers

On page one of this supplement will be found a complete list of winners at the Ninth Annual Potato, Apple and Seed Show.

It may be interesting to the readers to know that very substantial prizes were offered. Over seventeen hundred dollars were won by Top O' Michigan farmers.

A partial list of prizes are as follows:

Russet Rural Potatoes, open class, \$75.00; thirteen places. First prize \$20.00.

Beginners Special—\$50.00; twelve places. First prize \$12.00.

County Sweepstakes—\$120.00; each county has a chance to win \$10.00 each.

County Exhibit—\$170.00; twelve places. First prize \$50.00.

Certified Russet Rural Seed—\$100.00; ten places. First prize \$25.00.

In the Apple Classes \$77.00 is offered for classes of plates; \$202.00 for classes of trays; \$76.00 for bushel lots; \$25 for collections of 50 apples; and \$15.00 for fancy packs.

In the Junior Division over \$150.00 is offered for 4-H Club and Smith-Hughes students alone.

A new division of alfalfa seed paid \$37.00 in prizes distributed through ten places.

In all there were prizes offered as follows:

Potatoes — 125 Prizes.

Apples — 93 Prizes.

Junior — 49 Prizes.

Alfalfa — 10 Prizes.

Contests — 29 Prizes.

Those farmers who visited and participated in the show found it very much worth while. We are sure they will return next year.

## L. L. Drake Very Optimistic Over Michigan Spuds

L. L. Drake, County Agricultural Agent of Otsego County at Gaylord, refuses to get pessimistic over the present potato situation.

In fact he is very optimistic about the Russet Rural Potato and we believe he knows what he is talking about when he writes:

"Have you discovered that these ripe, smooth, early-planted russets are good to eat? If not—just pick out some nice bakers and give your stomach a treat. Guaranteed to cure any case of dyspepsia of grouch. You even forget about the depression. The much advertised Idaho bakers just haven't a chance in any fair and open competition.

"There are certainly plenty of financially able people who would pay a sweet price for these spuds if they only knew about them and we could do a little bragging to outsiders and our dealers could push them a little and just possibly we might get something started.

"By the way, we are not the only

## Charlevoix Co-Operative Ass'n.

Retailers in:

FARM PRODUCE, FLOUR, FEED, FUEL AND FARM MACHINERY, GAS AND OIL

Buy your winter's supply of coal and receive a "Pat" Lantern for every member of the family.

TELEPHONE 73

Charlevoix,

Michigan

## FARM LAND -For Sale-

6,000 acres of hardwood land, sandy loam with clay and gravel sub-soil. In the best agricultural section of northern Michigan. This land has been certified by the State of Michigan as agricultural land.

Will grow anything adaptable to Northern Michigan. Part of this land recently lumbered. Lots of fuel still left. Part is clear.

**\$2 to \$10 per Acre**

Located in Charlton Township, Otsego County

**Johannesburg Manufacturing Co.**

Wm. Raac, Manager

JOHANNESBURG, MICHIGAN

## Jordan Valley Co-Op. Creamery

MANUFACTURERS OF  
Quality  
Creamery Butter

Owned and Operated  
by  
FARMERS

East Jordan, Michigan

## Antrim County-Farmers

When you are in the market for

Spray Materials  
Fertilizers  
Potato Storage  
Seeds  
Feeds  
Coal  
Flour

Patronize Your Local Co-ops.

ALBA SEED GROWERS, INC., Alba  
C. W. Wing, Mgr.

FARMERS MARKETING ASSN., BELLAIRE  
L. G. Van Liew, Mgr.

FARMERS MARKETING ASSN., Central Lake  
Dale Burns, Mgr.

FARMERS MARKETING ASSN., Elk Rapids  
Louis Olson, Mgr.

ELLWORTH FARMERS EXCHANGE, Ellsworth  
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FARMERS MARKETING CO., Mancelona  
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## Use Our Certified Farm Seeds For Profits

ANTRIM IRON CO., MANCELONA  
SPARTAN BARLEY  
BURDETTE CRANDELL & SONS, BELLAIRE  
GOLDEN GLOW CORN  
FRED CRANDELL, BELLAIRE  
GOLDEN GLOW CORN — HARDIGAN ALFALFA  
MRS. IDA DEARBORN, BELLAIRE  
HARDIGAN ALFALFA, WOLVERINE OATS, ROBUST BEANS  
ROLLAND LESSARD, BELLAIRE  
GOLDEN GLOW CORN  
JOSEPH LESSARD, BELLAIRE  
GOLDEN GLOW CORN



## J. Tucker Explains Use of Good Seed

(continued from page 1)  
most careful handling, storing and grading of the crop.

The high value placed on good seed by the most progressive growers, is evident in the fact that in one province (Prince Edward Island) practically two-thirds of the total acreage is planted to certified seed. Actually 55 per cent of the total acreage is entered for inspection with a view to certification, due largely to the keen demand for seed from that province. But taking another province, New Brunswick, which is principally a commercial table stock area, we find also that a



JOHN TUCKER

very large proportion of the crop is planted with certified. Growers, by

following the modern methods of production have increased their yield so that today, it is common to have a crop of 300 to 400 bushels to the acre, which, when properly graded will give around seventy per cent Grade No. 1 potatoes.

In planting, a blocky seed piece of about two ounces in weight and having two or three eyes, is used. Seed treatment, principally with corrosive sublimate, is practiced by a large number of growers. From actual figures obtained in the course of inspection work, it appears that about half the seed growers treat their seed before planting, while the remainder depend upon planting clean seed in soil kept free from injurious fungous and insect pests by the well known methods of crop rotation.

Crop rotation is generally practiced and a proper balance between the mineral elements of the soil is thereby maintained. The land is manured with about ten loads barnyard manure where available, to the acre, or has a good clover-crop turned under, and is further liberally supplied with fertilizer.

The seed bed is thoroughly prepared before planting for no amount of after tillage can overcome neglect in preparation. Mechanical planters, with fertilizer attachments are used to plant the crop and the land is left slightly ridged. Cultivation methods vary considerably. In some areas the drag harrow is used just as the tops begin to appear; in others the tops are allowed to come up one or two inches and are then buried once, the land being left sharply ridged. This disposes of the weeds and allows a good root growth before the tops again appear. In this the method differs from other parts of Canada, but it appears to work well under the eastern conditions. Hand-weeding is not practiced, nor is it necessary except in rare cases.

Growing conditions are usually good and the crop makes rapid growth. The tops are sprayed from six to ten times using Bordeaux Mixture, with Calcium Arsenate when required.

Harvesting commences early in October and a considerable part of the crop is graded immediately and shipped out, the remainder is put into storage on the farms or at the warehouses and the grower is paid for the No. 1 potatoes accepted. The culls can be taken away if desired.

Compulsory grading and marking of all commercial table potatoes is in effect throughout the Dominion and is administered under Federal authority by the Dominion Fruit Branch under the Root Vegetables Act. The grades in effect are known as Canada Fancy, Canada No. 1, No. 2 and No. 3. Under actual practices nothing below No. 1 grade is shipped out from the Maritimes. The No. 2 grade is used to some extent in other districts but plentiful supplies of No. 1 potatoes have killed the demand for the lower grade and it is gradually disappearing from the markets. There is no demand for No. 3 grade and it will probably be discontinued.

Compulsory grading and marking is also in effect on seed potatoes. There are two grades only, "Certified Seed Extra No. 1" and "Certified Seed Small Size 1 1/2 ounces." It is an indictable offense under the Federal Destructive Insect and Pest Act to advertise or sell uncertified potatoes as seed potatoes or use any kind of "seed" tag likely to mislead an unsuspecting public. Growers, dealers and associations are permitted, however, to attach their own tags or brands, but such may only be done, when in addition the official certification tag is present on the container. Any other kind of potatoes may be used freely by anyone for seed purposes, but certified seed only may be advertised, sold, etc. as seed potatoes.

The growers have learned that it is not the quantity they place on the

market which brings the best returns for the crop, but the quality, and that it is better to sell carefully, keeping the undesirable potatoes for live stock feed, than to attempt to market them with graded stock. The latter would undoubtedly leave a dissatisfied customer and little possibility of a repeat order. It is quality that counts in the market today.

## Potatoes Needed In Regular Diet

(continued from page 1)

potato furnishes enough bases to neutralize the acids of two average slices of roast beef. If we should substitute rice for potatoes in such a meal we would find that while rice supplied the necessary starch, it did not counteract the acids produced by the meat but rather increased them.

"If the housekeeper is keeping an eye upon her grocery bill, as a thrifty one does, she will see that a home grown food will be cheaper than one which has been processed and then shipped, or put up in a fancy package. The woman who is on the alert for bargains will also remember that a bargain is only a good one if she remembers the food calories she buys as well as the minerals and vitamins that are there.

"Let us look at the food value of potatoes. The minerals iron, calcium and phosphorus are important in the body. Potatoes are about equal to whole cereals in the iron they furnish. They give slightly more phosphorus than do raw carrots and more calcium than that furnished in hominy.

"The amount of calories furnished by an average baked potato is 100. A level tablespoon of butter; two tablespoons of white sugar; 12 to 15 almonds, 4 to 5 dates; one large apple, each represent 100 calories of other well known foods. We may readily see that the eating of a baked potato (without counting the butter used on it) would not necessarily be fattening, or if we count a generous serving of butter it would not add more calories to the diet than an apple sweetened with two tablespoons of sugar.

"Our experts in nutrition have been emphasizing the use of two vegetables—besides potatoes every day as the best diet.

"Since potatoes lack a pronounced flavor of their own they harmonize with foods having a positive taste and we do not tire of them as of other vegetables.

"There are many ways of cooking potatoes but unfortunately few know how to bake, steam or boil them properly. Baking potatoes in an oven 450 to 500 degrees F. is the best method from the standpoint of conserving all the nutriment. The high temperature thoroughly cooks the starch by generating steam from the moisture present.

"Steaming with the jackets is better than paring and then steaming. The process takes a little longer but preserves the flavor and minerals which are present. Boiling in hot, salted water with the jackets is perhaps the next best method.

"Losses in nutritive value in the cooking of potatoes come from the following causes:

1. Paring—cutting away of good food material.
2. Soaking in cold water before cooking. Experiments show 9 per cent lost in this way.
3. Putting potatoes to cook in cold water instead of hot.
4. Cooking in unsalted water.
5. Cutting into dice, thereby exposing a larger surface to the water.

"A potato show offers every housekeeper an opportunity to shop around and see the latest styles in potatoes.

The use of fertilizers, the selective breeding of potatoes, the chemical treatment of seed for scab and other diseases, have made great changes in the varieties offered for sale and of the quality.

"In general, for boiling or baking a mealy potato is desirable while for french frying a more waxy consistency is best. Authorities do not agree as to what causes mealliness. In experiments carried on in Rhode Island they found that mealliness was not necessarily due to high starch content nor to low nitrogen.

"From the housekeeper standpoint, she wants potatoes that are of average size—not over-size nor small as marbles; smooth skin; not too deep eyes and of uniform size.

"By selecting good potatoes and cooking them properly we may be assured a delicious addition to our meals and by our use of Michigan grown potatoes encourage the grower to further improvement and development of better varieties for all culinary purposes."

## Increase In Alfalfa Acreage Needed In State

East Lansing—"We have but little more than half enough alfalfa in Michigan to feed our dairy cows, and could grow a total of 1 1/2 million acres of it without oversupplying the State," says Prof. Howard Rather of the State College Farm, Crops Dept.

"We could use a lot of alfalfa for pasture. About 50 per cent of the growers of southern Michigan are using some alfalfa for pasture this year. At the Kellogg farm, experiments have shown alfalfa to be far ahead of everything including sweet clover and heavily fertilized pasture grass mixtures.

"Another opportunity for the alfalfa grower is the production of seed. Last year we produced in Michigan only enough alfalfa seed to meet the requirements of 10 years ago. The per acre income from Hardigan alfalfa seed last year was \$75. The average income from all alfalfa seed was \$45 per acre which is way above the cost of production. I do not look for the time for a good many years when two bushels of clean alfalfa seed per acre will not make a good profit.

"There is no need to fear overproduction. Of the 10 leading alfalfa states, all except Michigan sowed less acreage to alfalfa in 1931 than they did in 1930. Michigan had a 5

per cent increase in alfalfa acreage and the other nine states had an 11 per cent decrease."

Northern Michigan is well adapted to growing alfalfa and has gained a fine reputation as a producer of high quality-certified alfalfa seed—both Grim and Hardigan.

Last year alfalfa seed was exhibited and competed for a silver loving-cup. This year substantial cash prizes were offered in addition and seed of high quality were shown.

## Slight Increase In Potato Shipments

There will be a slight increase in shipments of potatoes this year if estimates of the Produce News of New York are correct. For the coming year the total estimated potato shipments for the United States will be approximately 260,000 cars. Last year there were 257,793 cars and the News estimated 258,000 cars.

The estimate for the ten leading states this year are as follows:

- Maine, 60,000 cars.
- Idaho, 28,000 cars.
- Minnesota, 20,000 cars.
- Virginia, 19,000 cars.
- New York, 15,000 cars.
- Wisconsin, 13,000 cars.
- Colorado, 11,000 cars.
- North Carolina, 8,700 cars.
- California, 8,000 cars.
- Nebraska, 8,000 cars.
- Michigan ranks thirteenth with an estimate of 6,000 cars.

## NEW GRADE OF POTATOES

To obviate the difficulties arising in those sections troubled with brown spots or streaks in the flesh of the potatoes, a new standard has been promulgated by the State Department of Agriculture and is known as "U. S. No. 1 Emergency." A brown tag will denote this grade, whereas the regular "U. S. No. 1" grade calls for a blue tag.

## NORTHERN LIME & STONE COMPANY

Manufacturing Hydrated and Lump Pure Lime for all purposes

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## SERVICE--

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We solicit your account and know that you will enjoy banking here.

Invested Capital over \$130,000.00

GAYLORD STATE SAVINGS BANK GAYLORD, MICHIGAN

## Sweet Clover Seed

Buy your White Blossom Sweet Clover Seed from Northern Michigan farmers.

Recleaned and Scarified

State Analysis on Every Bag

99% and better purity

\$5.00 per hundred f.o.b. Boyne City

ASK FOR SAMPLES

Offer good until December 1, 1931

Boyne City Cooperative Co.

F. W. DILWORTH, Mgr. Boyne City, Mich.

## Take the GUESS out of Grading Potatoes and Onions

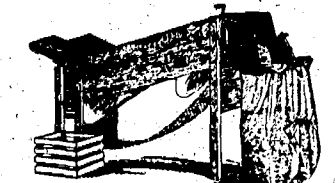
Experienced buyers and Government inspectors know that potatoes and onions marked "Boggs Graded" will not vary 3% in size from Government grades and that they will not be bruised or injured in grading.

Consequently, "Boggs machine-graded" potatoes and onions bring higher prices. In one operation you can grade No. 1's and No. 2's and remove culls and dirt with a double-belt

## The Boggs Standard Potato and Onion Grader

Get a No. 3 single-belt hand grader now, at only \$49.00, to grade 150 bushels an hour. This machine will make one marketable grade, besides culls, of potatoes or onions to conform to the Government grades or to meet requirements of any local market. A second belt can be added any time to make it into a double-belt grader. And when you need a larger, faster, electrically operated machine, you can convert it into a power grader at no more cost than if you originally purchased a power equipment. All that is necessary is to add power attachments, picking table, etc.

Quick deliveries from factories in Atlanta, N. Y. and Detroit Lakes, Minn. Write for catalog, or mail the coupon.

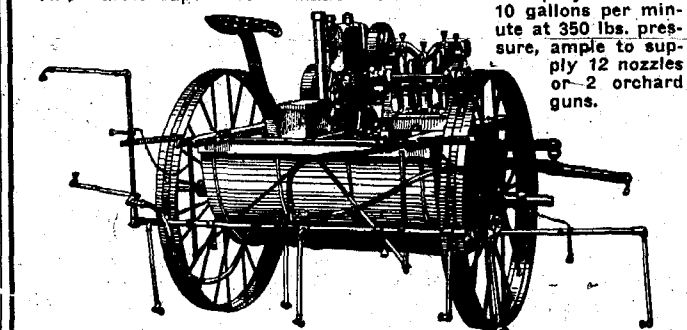


No. 3 Single-Belt Hand Grader

BOGGS MFG. CORP. Main St., Atlanta, N. Y. Without obligation, please send a free copy of your catalog.

Name \_\_\_\_\_ Address \_\_\_\_\_ Town \_\_\_\_\_ State \_\_\_\_\_

This Hardie Superior combination row and orchard sprayer delivers 10 gallons per minute at 350 lbs. pressure, ample to supply 12 nozzles or 2 orchard guns.



The Hardie Perfection Traction sprayer gives unusual ground clearance, light draft and big capacity.

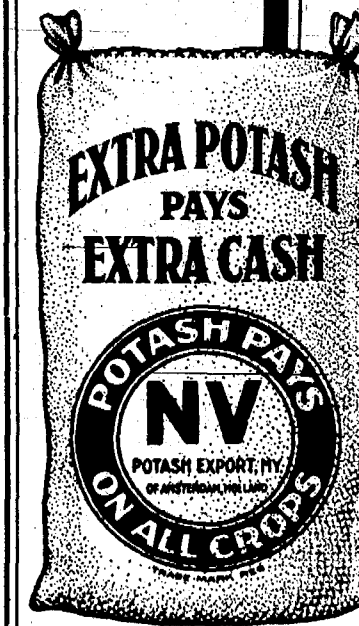
You get real pressure and capacity with Hardie traction outfits.

Hardie potato sprayers are up-to-date specialized outfits delivering the big capacity and high pressure which are now recognized as vital to profit in commercial potato growing. Hardie offers a wide variety of models from the 10-row tractor-powered Hardie to the Hardie perfection, the greatest traction-operated row sprayer ever built. Hardie capacity and pressure cost you less this year. Write for catalog.

**The Hardie Manufacturing Company**  
HUDSON, MICHIGAN  
Branches at: PORTLAND, ORE.; LOS ANGELES; KANSAS CITY, MO.; PETROLIA, ONT.  
**HARDIE**  
DEPENDABLE  
**HARDIE**  
SPRAYERS

## FACTS ABOUT POTASH

A series of 21 of these facts will be sent you FREE on request.



## Potatoes . . .

yielding at the rate of 300 bushels remove from each acre 96 pounds of actual potash, equal to 192 pounds of muriate of potash, or 533 pounds of fertilizer containing 18 per cent potash.

You can now get muriate of potash in 100-pound bags. If your fertilizer man cannot supply you communicate direct with the address below.

Tune in Radio Station W E N R on Tuesdays at 6:45 p. m., c. s. t.

N. V. POTASH EXPORT MY, Inc. of Amsterdam, Holland

Buckingham Bldg. Chicago, Illinois

### BENZONIA TAKES FIRST IN CONTEST

(continued from page 1)  
The fact that all the choirs were very large, considering the population from which they were drawn. Benzon was the largest town represented, with a population of but 617 people. It dwindled down from that to two open church choirs in country communities, with a very small population.

Kaleva made the farthest trip to attend, coming a distance of 125 miles. Empire drove the farthest, though the distance is but 91 miles, but due to a snow storm, the choir came in a round-about way.

R. W. Tinney, director of short courses at M. B. C., was chairman of the meeting, this being his third year here in this capacity.

The largest crowd of record was present, the Gaylord Auditorium was crowded to capacity, with many being unable to get within the doors. The audience was estimated at 650. There were 153 singers in the different choirs.

Most of the choirs sang without an accompaniment this year, and none used the piano on the song selected by the college.

### SPECIAL PRIZES OF THE SHOW

Silver loving cups and special trade premiums form a considerable part of the prize list at the show. The following are the winners and donors:

In the Premier Potato Growers Contest Pearl Bonter won a beautiful Alladin Lamp, given by the Potato Association.

Frank Guy of Pellston won permanent possession of the loving cup offered by the Michigan Farmer by winning the sweepstakes in potatoes the second time in two years.

The loving cup offered to the winner in the county exhibit was won by Presque County for the second time in two years. This must be won three times for permanent possession. Otsego County has won twice and Presque Isle twice.

The Tri County Telephone cup was won by Pearl Bonter for the best exhibit of Certified Seed Potatoes. This must be won three times for permanent possession.

Pearl Bonter won the 1000 pounds of Agric fertilizer donated by the American Agricultural Chemical Company for the best exhibit of certified seed.

Allan Taylor won 625 pounds of 4-12-4 fertilizer donated by the Michigan State Farm Bureau.

The Potoskey News cup offered to the Junior sweepstakes champion for the first time this year was won by Carl Cetas of Pellston.

The Michigan Central Railroad cup was won by the Hayes Potato Club of Gaylord. This cup must be won three times for permanent possession. The Hayes Potato Club and the Five Lakes Potato Club have each won twice.

The Michigan Farmer gives a new or renewal subscription to every exhibitor who won a premium.

The Alpena News cup was won by Allan Taylor of Metz.

### WITH THE ADVERTISERS

The A. B. Farquhar Co. Limited of York, Pa., had a fine exhibit of Iron Age Machines at the Show. Mr. Bateman and Mr. Moyer were in charge.

A. C. Lytle of the Potato Growers Exchange was at the show for a couple of days. A. C. was secretary for seven years and had a lot to do with the development of the show.

Wm. "Billie" Rae of the Johannesburg Mfg. Co., was at the show to look over the apples and potatoes. His company owns vast areas of good potato land in Eastern Otsego County.

We were sorry that the following companies could not have a representative present:

The H. V. Potash Export My Inc., of Chicago.

The Hardie Mfg. Company of Hudson, Michigan.

The Dow Chemical Company of Midland, Mich.

The Boggs Mfg. Company of Atlanta, N. Y.

These companies placed advertisements with the show for this supplement and we request your consideration in purchasing.

We also want to express our appreciation to the:  
Alpena Business Men.  
Antrim County Coop. Ass'n.  
The Gaylord Lumber and Fuel Co.  
The Jordan Valley Coop. Creamery, East Jordan.  
The Otsego County Coop. Ass'n, Gaylord.  
The Gaylord State Savings Bank.  
The Boyne City Coop. Co.  
The Central Hotel, Gaylord.  
The Northern Lime and Stone Company, Potoskey.

### Standard Potato Club Shows Value of Better Grading

(continued from page 1)

"Bin inspection will be made by the regular seed inspectors beginning about the last of October.

"Cooking tests will be made on each lot of seed that passes bin inspection before stock is shipped out.

"Regarding the disposal of stock ranging from 1 1/2 to 2 1/2 inches, which will be U. S. No. 1 Small, only that stock which will grade out about 70 per cent Fancy as far as size is concerned will be considered, thereby cutting down on the amount of U. S. No. 1 small to be disposed of. The department does not favor the effort to dispose of the remaining small grade for seed purposes.

"The Michigan Potato Growers Exchange will handle practically all of the Fancy stock this season.

"The lower four-fifths of the state will have no fancy stock for sale this season.

"This Fancy grade will be difficult to handle in the trucking area. Large growers in the trucking area have expressed a willingness to ship Fancy grades by car through an organization. This grade cannot be profitably made by the grower of medium yields. It will call for the use of the best cultural practices, featuring the increasing of organic matter in the soil."

### PRODUCTION AND DEMAND SET PRICE

(continued from page 1)

Since 1895, there have been twenty-one years when the average value per acre of Michigan potatoes was less than 1930-31. Some of the more recent years that the value was lower are 1922, 1924, and 1928.

"Why pay so much consideration to acreage? We need greater production of potatoes in Michigan and we need better quality. It would be far better to get this increased production through larger yields per acre, which would automatically give greater value per acre and better quality of potatoes.

"Better production practices, such as proper preparation of seed bed, proper use of fertilizers, good seed, seed treatment, proper planting, proper spraying and proper cultivation will do more than anything else to bring back to Michigan the markets she once had.

"High commodity prices seem rather remote and all production practices must be adjusted to meet these new low prices. Other states are doing it and we must do the same if we are to meet their competition."

### Potato Grower Helps Solve Large Problems

(continued from page 1)

colony of bees, much labor was needed. Some of the bargains that were made for labor were as follows: One ton of alfalfa hay for six days work; six bushels of potatoes for one day labor; two gallons of honey—one day; one cord of wood—one day. To date some 30 tons of alfalfa, nearly 1000 bushels of potatoes, one ton of honey and 35 cords of wood have been disposed of in this manner to say nothing of other smaller trades. Very shortly 30 to 40 lambs and some old ewes will also be traded.

Such a set-up has not only provided labor for many needy families, but has also aided in disposing of much farm produce locally, and has been a great aid to Mr. Robinson in financing the summer seasons work.

### SEVEN HUNDRED AND SIXTY-THREE EXHIBITS OF APPLES AND POTATOES VIE FOR HONORS AT ANNUAL SHOW

(continued from page 1)

2nd. F. B. Gilaspie, Cheboygan.  
3rd. W. J. Dewey and Son, Bellaire.  
4th. Douglas Tibbets, Boyne City.  
5th. F. W. Crowl, Harbor Springs.  
6th. Evelyn Orchards, East Jordan.  
Snow

1st. Homer Waring.  
2nd. P. B. Gilaspie.  
3rd. Evelyn Orchards.  
4th. Douglas Tibbets.  
5th. F. W. Crowl.  
6th. Frank Hemstreet, Bellaire.

Wealthy  
1st. P. B. Gilaspie.  
2nd. Douglas Tibbets.  
3rd. F. W. Crowl.  
4th. Evelyn Orchards.  
Wolf River

1st. P. B. Gilaspie.  
2nd. Wilber Spidle, East Jordan.  
3rd. Douglas Tibbets.  
4th. A. Smilowski, Gaylord.  
5th. Evelyn Orchards, East Jordan  
6th. M. Smilowski, Gaylord.

Northern Spy  
1st. Homer Waring.  
2nd. P. B. Gilaspie.  
3rd. W. J. Dewey and Son.  
4th. Evelyn Orchards.  
5th. Douglas Tibbets.  
6th. Martin Hansen, Kewadin.

N. W. Greening  
1st. W. J. Dewey and Son.  
2nd. Martin Hansen.  
3rd. Douglas Tibbets.  
4th. Evelyn Orchards.  
5th. Paul Veseley, Pellston.  
6th. Homer Waring.

Golden Russet  
1st. Homer Waring.  
2nd. Evelyn Orchards.  
3rd. F. W. Crowl.  
4th. Douglas Tibbets.  
5th. Grimes Golden  
6th. Evelyn Orchards.

1st. Homer Waring.  
2nd. Evelyn Orchards.  
3rd. Homer Waring.  
4th. Douglas Tibbets.  
5th. Frank Hemstreet.  
6th. Frank Zerby, Potoskey.

Jonathans  
1st. Evelyn Orchards.  
2nd. P. B. Gilaspie.  
3rd. Dewey and Son.  
4th. F. W. Crowl.  
5th. Frank Hemstreet.  
6th. Squires Orchards, Kalkaska.

Starks Delicious  
1st. Homer Waring.  
2nd. Evelyn Orchards.  
3rd. P. B. Gilaspie.  
4th. Frank Crowe.  
Any Other Variety

1st. Homer Waring.  
2nd. Homer Waring.  
3rd. P. B. Gilaspie.  
4th. Homer Waring.  
5th. Joe Holzschu, Potoskey.  
6th. Douglas Tibbets.

Apples (Plates)  
Macintosh  
1st. Homer Waring.  
2nd. Douglas Tibbets.  
3rd. Geo. Hansen.  
Snow

1st. F. W. Crowl.  
2nd. Douglas Tibbets.  
3rd. John Wieland, Ellsworth.  
Wealthy

1st. Douglas Tibbets.  
2nd. P. B. Gilaspie.  
3rd. Evelyn Orchards.  
Wolf River  
1st. Douglas Tibbets.  
2nd. P. B. Gilaspie.  
3rd. Harry Lenahan, Harbor Springs.

Northern Spy  
1st. Homer Waring.  
2nd. P. B. Gilaspie.  
3rd. Douglas Tibbets.  
N. W. Greening

1st. Dewey and Son.  
2nd. Frank Crowl.  
3rd. Frank Zerby.  
Wagener

1st. Dewey and Son.  
2nd. Douglas Tibbets.  
3rd. P. B. Gilaspie.  
Golden Russet

1st. Evelyn Orchards.  
2nd. Homer Waring.  
3rd. F. W. Crowl.  
Grimes Golden

1st. Frank Hemstreet.  
2nd. P. B. Gilaspie.  
3rd. Douglas Tibbets.  
Jonathan

1st. P. B. Gilaspie.  
2nd. W. J. Dewey.  
3rd. Evelyn Orchards.  
Starks Delicious

1st. Evelyn Orchards.  
2nd. Homer Waring.  
3rd. F. W. Crowl.  
Any Other Variety

1st. Homer Waring.  
2nd. Evelyn Orchards.  
3rd. Douglas Tibbets.  
4th. Evelyn Orchards.  
5th. P. B. Gilaspie.  
6th. Squires Orchards.  
7th. Douglas Tibbets.  
8th. Douglas Tibbets.  
9th. Homer Waring.  
10th. Squires Orchards.

Collection of 50 Apples  
1st. Dewey and Sons.  
2nd. Evelyn Orchards.  
3rd. Homer Waring.  
4th. Douglas Tibbets.  
Best apple was won by Douglas Tibbets on a Macintosh.

Fancy Pack Apples  
1st. Homer Waring.  
2nd. Douglas Tibbets.  
3rd. Martin Hansen.  
4th. Evelyn Orchards.  
5th. Frank Hemstreet.

### JUNIOR DEPARTMENT

4-H Clubs  
1st—Hayes Potato Club, Otsego County.

2nd—Five Lakes Potato Club, Otsego County.

3rd—Larks Lake Potato Club, Emmet County.

4th—Sod. Busters Potato Club.

Emmet County.  
5th—East Jordan Potato Club, Charlevoix County.  
6th—Alba Spud Growers, Antrim County.  
7th—Potoskey Potato Club, Emmet County.

Best Potato Exhibit Within Each Club  
Hayes Potato Club: 1st, Ray Warner; 2nd, Clare Warner; 3rd, Sumner Allis.

Five Lakes Potato Club: 1st, Melford Shaft; 2nd, Reginald McBride; 3rd, Maurice Olund.

Larks Lake Potato Club: 1st, Carl Cetas; 2nd, Frank Chronicz; 3rd, Anthony Slikka.

Sod Busters Potato Club: 1st, Joseph Duriner; 2nd, Robert Bonter; 3rd, Ernest Stoneburner.

East Jordan Potato Club: 1st, Gwendon Hott; 2nd, Albert Omland; 3rd, Ralph Shepard.

Alba Potato Club: 1st, Stephen Wing; 2nd, Carl Larsen; 3rd, Lloyd Stark.

Potoskey Potato Club: 1st, Kendall Ford; 2nd, Henry LaGrand; 3rd, John Angevine.

Straits Potato Club: 1st, Leon Reed; 2nd, Martin Overholt; 3rd, Lee Overholt.

Wolverine Potato Club: 1st, Wilfred Brudy; 2nd, James Bolinger; 3rd, Ward Filley.

Niholson Hill Potato Club: 1st, Bernard Jakubiak; 2nd, John Adamski; 3rd, Franklin Diamond.

Mancelona High School: 1st, Dale Arnold; 2nd, Walter Dolozel; 3rd, Milo Flut.

Harbor Springs High School: 1st, Albert Cetas; 2nd, Orland Rose; 3rd, Henry Heynig.

Boyne Falls High School: 1st, Albert Lange; 2nd, Wm. Lick; 3rd, Harold Howard.

Onaway High School: 1st, Glen Lound; 2nd, Earl Savage; 3rd, Donna McAthe.

Bellaire High School: 1st, Gordon Bedell; 2nd, George Sigles; 3rd, Ford Robinson.

Alanson High School: 1st, Emery Rotter; 2nd, Sidney Howard; 3rd, James Busley.

In the individual class of Russet Rurals in the Junior Division the following were winners: 1st, Carl Cetas, Potoskey; 2nd, Albert Cetas, Potoskey; 3rd, Ray Warner, Gaylord; 4th, Gwendon Hott, East Jordan; 5th, Arthur Estelle, Gaylord; 6th, Melford Shaft, Gaylord; 7th, Frank Chronicz, Pellston; 8th, Steven Wing, Alba; 9th, Wilfred Brudy, Wolverine; 10th, Bernard Jakubiak, Alpena.

Stephen Wing Wins Chicago Show Trip  
(continued from page 1)

The potatoes were planted 4 inches deep, spaced 14 inches apart in rows 33 inches apart.

They were cultivated once before coming up, and through the season as required. The last cultivation was July 4th. They were sprayed seven times at a pressure of 250 to 300 pounds, with an 8-8-100 Bordeaux Mixture.

They were carefully rogued for weak hills, giant hills, and moron plants.

They were harvested early to prevent frost injury and seed saved for sprouted.

fertilized with 400 pounds of 4-8-4 fertilizer per acre.  
He secured a total yield of 278 bushels with 201 bushels of No. 1 certified.

Allowing sixty-six cents for certified this year and eighty cents for table stock he showed a net profit of \$49.61 per acre.

With potato growers like this coming along the "old-timers" will have to pick up or get out.

### Alfalfa Seed Joins Potatoes and Apples in Show Competition

(continued from page 1)

2nd, Lyman Sutton, Curran; 3rd, Arthur Galloway, Harrisville; 4th, Roy Elroth, Harrisville.

Mr. Ostrander also won the silver loving cup offered by the Cheboygan Daily Tribune for the sweepstakes in alfalfa seed. This cup must be won three times for permanent possession. It was first offered in 1930 and won by Albert Dietz of Hawks.

The State Department of Agriculture was represented by Mr. A. J. Harrington and Mr. Wm. McGilvery who had charge of an educational exhibit on proper grading of potatoes. Three piles of potatoes showed the grades for U. S. No. 1; U. S. No. 2; and culls.

Mr. Harrington and Mr. McGilvery were busy all the time discussing standard grades with the farmers.

The exhibit of the Michigan State College featured quality potatoes through proper planting, fertilizing, handling and storing. Particular emphasis was placed on care to prevent frost injury. R. C. Heyduck was in charge.

Philo Gilaspie of the Orchard Beach Farm at Cheboygan, gave the association his annual barrel of elder which proved appetizing to the Thursday visitors. Come again Philo. We appreciate this gift and thank you.

### ANNUAL BANQUET WAS BIG SUCCESS

(continued from page 1)

Other speakers who talked briefly included, Miss Francis Garvey of the Alpena News, John Tucker of Ottawa, Canada, who judged the potatoes, J. J. Bird of the Michigan State College, E. J. Leenhouts of the New York Central Lines.

The Gaylord High School band was present in bright new uniforms that were first used at the banquet. The new uniforms must have inspired them for they played mightily well under the direction of Walter Noa, instructor of Orchestration at the Gaylord High School. Mr. Noa also rendered several violin solos that were very much enjoyed.

Two vocal soloists kept the audience in continuous applause. Fred Arnold of the Tri-County Telephone Company at Gaylord, sang two selections and Richard H. Trojan of Loganport, Indiana, could not sing enough tenor for the crowd. His well-trained tenor voice carried well in the dining hall where the acoustics are not the best.

Mr. Trojan is a personal friend and schoolmate of Mr. Gehrke, President of the Show. He sings regularly over W O W O at Fort Wayne. He was accompanied at the piano by Karl Atkinson of Chicago.

Following the program the winners at the show were announced and special awards made.

The banquet ended promptly at 10:00 P. M. as predicted by the toastmaster.

The show received visitors from five states outside Michigan as follows: New York, Pennsylvania, Ohio, Indiana, Illinois. Canada was also represented.

Richard Trojan, singer over radio station WOWO, Fort Wayne, Indiana, was very popular at the banquet. His voice was very pleasing. He was accompanied by Mr. Karl Atkinson.

Mrs. John Benzer of Gaylord, won first place in the apple pie baking contest among 40 exhibitors.

This Space Paid for by

# ALPENA BUSINESS MEN

In Support of

## Top O' Michigan POTATO SHOW

# IRON AGE POTATO PLANTERS

One, Two and Three Row Assisted-Feed — Automatic Feed. TUBER UNIT ATTACHMENT. Fertilizer Distributor for Both High and Low Analysis Fertilizer.



## Increase your U. S. No. 1's and Reduce Your Jumbos, No. 2 and No. 3 by Using the New IRON AGE SPACER ATTACHMENT

Such Uniformity of Spacing and high quality of work has never before been performed.

This attachment is applicable only to the Iron Age Assisted-Feed or "Two-man" Planter — will fit planters since 1917.

Here is a sample of its work in dropping 50 seed pieces consecutively when using one of the six different spacing sprockets furnished with every planter:

10% - 10% - 11 - 10 - 10 - 11 - 10 - 10% - 10% - 10 - 10 - 10 - 10 - 10% - 10 - 10% - 10% - 10 - 10 - 10 - 10 - 10% - 9% - 10 - 10% - 10% - 10% - 10% - 10% - 9% - 9% - 10 - 10% - 9% - 10 - 10 - 10% - 10 - 10% - 10 - 10% - 10 - 10 inches.

Write for complete description and full information on the Iron Age Line of Potato Machinery.

Plants deep and covers shallow in the furrow by use of discs or press wheel which method largely controls Brown Scurf or Rhizoctonia—also covers by ridging.

FORD HARDWARE AND IMPLEMENT CO., Agts. Samples of latest models on Exhibition



Showing Spacing Attachment  
**A. B. FARQUHAR, Limited, York, Pa.**

## More Than Half OF THE Certified Seed Growers IN THE Top O' Michigan sell their seed thru a Grower Owned Grower Controlled Organization That:

GETS Maximum Prices for a large Volume at Minimum Costs, helps STABILIZE Michigan's Seed Market, and MAINTAIN close contact between Producer and Consumer.

Michigan Potato Growers Exchange CADILLAC, MICHIGAN



## THE GREAT DEBT

WE OWE HEROES OF THIS AND GENERATIONS GONE BY CAN NEVER BE PAID IN FULL.

MAY OUR SPIRIT OF PATRIOTISM NEVER DIM WITH THE PASSING OF YEARS. LET US REMEMBER THIS YEAR, MORE THAN EVER BEFORE, THAT THIS IS A DUTY WE OWE TO OUR GOD, OUR COUNTRY AND OUR FLAG.

ARMISTICE DAY, WEDNESDAY, NOV. 11



"The Bank With The Chime Clock."

### A Cross Road Puzzle

Worried Motorist: "What in the world could have caused that flat?"  
Unworried Motorist: "Dunno. Must have been that folk in the road."

### H. A. LANGELL OPTOMETRIST



Phone—89  
808 Williams St.  
Opposite High School  
EAST JORDAN, MICH.

### IT HAPPENS ONCE IN 10 YEARS

An opportunity to buy a \$795.00 Storey and Clark quarter sawed oak Player Piano in A-1 condition complete with rolls and bench for balance due on the original contract of \$105. Also a mahogany Storey and Clark which sold originally for \$845 for balance due on the contract of \$117 complete with rolls and bench. Terms if desired. Pianos are guaranteed in every way. Free delivery anywhere in Michigan. Phone 9-3436 Grand Rapids collect or write CHAFFEE BROS. FURNITURE CO., 106-118 South Division Ave. Grand Rapids, Mich. 45-2

About the only thing that has ever come into our life without being worked for or sought after is trouble.

## Briefs of the Week

Paul Stroebel is visiting relatives in Saginaw.

Nat Burney of Detroit was an East Jordan visitor last Saturday.

Mrs. Jeanette McSauby underwent an operation at the Charlevoix Hospital last week.

M. E. Ladies Aid will meet with Mrs. Sarah Rogers, Wednesday, Nov. 11th at 2:00 p. m.

Mrs. Gertrude Waterman is spending the week end in Traverse City and Williamsburg.

P. Hegerberg and son, Ole were visitors in Detroit, Flint and Brown City a few days last week.

Mrs. Ben Reid and daughter are here from Muskegon Heights visiting at the Fred Vogel home.

Miss Alta Shaw was at Lockwood Hospital first of the week, where she underwent a tonsil operation.

Paul Goo of Petoskey and Fu Wong of Detroit called on Mrs. Gertrude Waterman, Sunday.

The business places of East Jordan will close at 12 o'clock next Wednesday, Nov. 11th—Armistice Day.

Miss Beatrice Valencourt underwent an operation at a Petoskey Hospital, Saturday, for appendicitis.

Mr. and Mrs. Alex Sinclair and family now occupy the Henry Cummings residence on North Main St.

Pott's Laundry and Dry Cleaners leave bundles at The Hat Store, Mrs. Alice Joyn, Phone 188. adv. 45x3

Mrs. Joe LaValley who has spent the past few months here with friends and relatives, returned to her home in Pontiac last Saturday.

Miss Muriel Sonnabend, a senior nurse at the Petoskey Hospital, left last Friday for a three months course in the Children's Hospital at Detroit.

Thomas St. Charles left Tuesday to enter the Government Hospital near Chicago for treatment. Walter Woodcock accompanied him on the trip.

The regular monthly business meeting of the P. T. A. will be held at the High School building, Thursday, Nov. 12th at 8:30 p. m. All parents and teachers are invited.

Mrs. Fred Vogel underwent an operation at Lockwood Hospital, Petoskey, Monday. Miss Emily Malpass of Muskegon is at the hospital helping to care for her.

A birthday party was given for Junior Simmons at his home last Friday. Those present presented him with a signet ring with the word "Chum" engraved on it.

Mrs. Gus Muma entertained twelve young ladies at a six o'clock dinner last Saturday evening in honor of her daughter, Marcella, the occasion being her birthday. A very pleasant evening was enjoyed.

All those unemployed and wishing work are requested to file their names at the Chamber of Commerce Information Bureau, East Jordan, so that in case any work may be available, those interested may be easily notified.

Wanted—Parties having Tie Timber for sale see Carr & Smith at once as our contract will be made in the next 15 days. We also have a Shingle Machine in connection with our mill. Will do custom sawing and also buy some timber. Phone 252-F13, R. 1, East Jordan. adv. 45x3

Members and friends of the Presbyterian Ladies Aid Society are invited to be guests of Mrs. Frank Cook and Mrs. James Gidley at the latter's home, Nov. 13th. The chairman of the Bazaar Committee suggests that donations for the Bazaar be made at this meeting if possible.

Michigan's 1931 deer licenses went on sale this week with more than 1,000 Conservation Dep't. agents in both Peninsulas prepared to distribute them. The buttons of the resident licenses are tinged green and those of the non-resident licenses are tinged yellow.

This is the first week in November, and despite a few heavy frosts several instances of roses being still in bloom have been reported to The Herald. At the L. N. Jones home in East Jordan and at the summer cottage of Miss Evangeline Nice at Hayden's Point a second bloom of roses are being gathered.

A deer hunter wishing to sell the skin of the buck he has killed must first secure a permit from the Department of Conservation. The permit may be secured by sending to the Chief Clerk of the Department at Lansing, the number of the seal attached when the deer was killed. The permit will be sent free of charge.



Regular Communication of East Jordan Lodge No. 879, F. & A. M., Tuesday, Nov. 10th, at 8:30 p. m.

Mrs. Ira S. Foote and Mrs. S. E. Rogers spent last Friday in Traverse City.

Mrs. H. E. Hanneman and son of Flint are visiting her mother, Mrs. Alice Sedgman.

Mrs. Lon Smith recently underwent an operation for goitre at the Charlevoix Hospital.

Rev. and Mrs. James Leitch and Mrs. Archie Kowalske are spending Friday in Traverse City.

Mrs. A. G. Rogers, Mrs. Ella Clark and Miss Mary Green were Traverse City visitors last Friday.

Mrs. Nettie Stafford left Wednesday for Grand Rapids, where she will spend the winter with relatives.

Andrew Essenberg and family moved the past week to Petoskey, their address being 210 Wesley St.

Born to Mr. and Mrs. Richard Farmer (Marguerite Piggott) a son, Robert-Charles, Monday, Nov. 2nd.

Mr. and Mrs. Sarraday of Preston, Ont., are visiting at the home of her brother, Mr. and Mrs. Robert McBride.

Mrs. Joe Habel and daughter of Grand Rapids were here over the week end visiting Mr. and Mrs. H. J. Ribble.

Mrs. Austin Bartlett returned home recently from Milwaukee, Wis., where she was called by the death of her brother.

Prof. L. R. Taft who has spent the summer at his home at Eveline Orchards, left latter part of last week for his winter home in East Lansing.

Mr. and Mrs. J. W. Stallard were here from Dearborn over the week end visiting at the homes of their parents, J. G. Stallard and R. T. McDonald.

Robert McBride who underwent an operation at Lockwood Hospital in Petoskey, has returned home and is gaining slowly and is able to be about the house some.

Edward St. Charles, a former East Jordan young man was united in marriage to Miss Alice Kempton of Muskegon Heights on Oct. 24th at South Bend, Ind. They will reside in Muskegon Heights.

P. T. A. meeting will be held at the High School, Thursday, Nov. 12, immediately after school (8:30 p. m.) in Miss Perkins room. Roll call, Health Hints for Children. Talk by Nurse Congdon, "Health Goals." The third grade will entertain, refreshments by Kindergarten.

Last Thursday evening twenty friends surprised Mrs. D. J. Ostrander (Leona Hipp) and met Mrs. Stevens, mother-in-law of Mrs. Ostrander, who have been here from Grand Rapids spending the week with the former's parents, Mr. and Mrs. C. W. Hipp. The evening was spent with games and music.

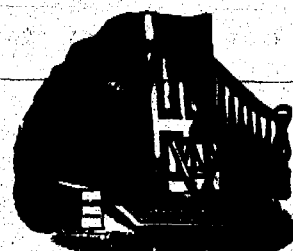
Get the habit—tell the Editor of your visitors, of the visits that you make or other items of local interest.

Battle-Creek—Sam Smith, 42 years old, so disliked being locked up for drunk driving that he set fire to a mattress in his cell at Police Headquarters, then repented and tore out the water fixture in order to put out the fire. He was arrested when he disregarded the "No" of a "No Turn" sign on a downtown corner. He was fined \$105 and will serve 10 days for drunk driving, then will face charges of carrying concealed weapons, destruction of property, and disorderly conduct.

Escanaba—Partridge, once almost exterminated in the upper peninsula, are noticeably more numerous this fall. They are being seen along highways and side roads in the central section of the peninsula. Between 40 and 50 years ago partridge were so plentiful that it was not necessary to step off an old road or trail to bag as many as a hunter could carry. Later on, as the country became more thickly populated, the birds became more wary, and were hunted then in swamps or beech thickets.

Lansing—Operations to open a coal mine on the F. B. Smith farm, one mile west of town, will be begun soon, according to President Rutledge, of the Midville Coal Co., New Philadelphia, O., who was here with two other representatives of the company recently. A survey has been made of the farm and a shaft is to be sunk at what is deemed to be a favorable location. Coal has been mined in Shiawassee County for a number of years, and one mine is still in operation near Corunna, with a high quality of product.

Detroit—A remaining margin of strength which permitted Anna Alexander, 16 years old, to open a door and send forth one wavering call for help saved her own life, that of her mother and four sisters. The mother, Mrs. Mary Alexander, was in the basement of the home, heating water for washing clothing. Gas from a leak in the stove overcame her. Anna, reading on the floor above, smelled the gas and as she attempted to rise from her chair slipped to the floor. Summoning all her strength she reached the door and called for help.



SEE US FOR YOUR  
**BUILDING  
MATERIAL**  
AND SAVE MONEY

A COMPLETE LINE OF

DOORS—Inside, Outside, Glass.

WINDOWS—Casement, House, Barn Sash, and  
Cellar Sash.

MOULDING—Quarter Round, Cove, Bed, Crown,  
Door Stop, Window Stop, Lattice.

RED CEDAR—Shingles, Siding, Boat Lumber.

Phone No. 1

**EAST JORDAN LUMBER  
COMPANY**

Ishpeming—Kenneth Graham, high school student, is in the hospital. He swallowed a half-dollar, but physicians have been unable to locate it. Graham went into the gymnasium to practice on the basket ball court. For want of a safer place in which to keep the money, he put the coin in his mouth. When he jumped to catch a ball, he swallowed the coin.

Portland—George Allen, 36 years old, was killed almost instantly when a second story porch railing at the home of his mother in Highland Park and on which he was leaning gave way. He landed head foremost on a concrete sidewalk. Allen's father met an accidental death at the same residence exactly five years ago. He was overcome by carbon monoxide gas in the garage, according to police.

Monroe—Muskrats, pheasants, rabbits and other game paraded on the shore of Lake Erie, their wars forgotten in the face of mutual danger, fire. The blaze swept over 250 acres of marsh land, the property of the Consolidated and River Raisin Paper Co. Fred Shinevar, state conservation officer, said the fire was set by men who fled in a car, but he could not follow them through the marsh to make an arrest.

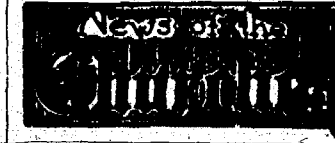
Clinton—A restaurant in the Irish Hills, known to thousands of persons who travel U. S. 12, the Detroit-Chicago road, has been destroyed by fire. It was known as the Greyhound bus lines restaurant, and stood near a tower from which tourists view the scenic hills and valleys. The loss was estimated at \$12,000. Firemen from Clinton, Olmstead and Adrian, unable to fight the flames, kept the fire from spreading to other resort buildings.

### Pilgrim Holiness Church A. T. Harris, Pastor

2:00 p. m.—Sunday School.

8:00 p. m.—Preaching.

Services are held every Sunday. Everyone is cordially invited to attend.



### Presbyterian Church

C. W. Sidebotham, Pastor.  
C. R. Harper, Foreign Pastor.  
"A Church for Folks."

Eastern Standard Time.  
11:00 a. m.—Morning Worship.  
12:15—Sunday School.  
7:00 p. m.—Evening Service.

### First M. E. Church

James Leitch, Pastor  
11:00 a. m.—Preaching Service.  
Sunday School will follow the morning service.  
8:30 p. m.—Epworth League.  
7:30 p. m.—Preaching Service.

### Church of God

Pastor—Rev. Lester Morford  
10:00 a. m.—Sunday School.  
11:00 a. m.—Preaching Service.  
2:30 p. m.—Preaching Service at Mt. Bliss Schoolhouse, Sundays.  
7:30 p. m.—Preaching Service.  
Mid-Week Prayer Meeting, Thursday, at 7:30 p. m.  
Everyone is cordially invited to attend these services. Come!

### Latter Day Saints Church Leonard Dudley, Pastor

9:00 a. m.—Sunday School.  
10:15 a. m.—Social Service.  
7:00 p. m.—Evening Service.  
7:00 p. m., Wednesday—Prayer Meeting.  
All are welcome to attend these services.

Do you want to buy, rent, or sell? Do you want employment or give employment? Try a Classified Adv.

## For Christmas



give an  
**EXTENSION TELEPHONE**

An Extension Telephone makes a thoughtful, practical Christmas gift, that will be appreciated every day in the year. Beside the bed, an Extension Telephone is a great convenience, day and night, and affords protection in case of sickness, accident, fire, or other emergency. You can have the charges billed to you as long as you desire. The cost is less than 3 cents a day. To place an order, call the Telephone Business Office. Installation will be made at any time you specify.

**MICHIGAN BELL  
TELEPHONE CO.**

**Repair Now! Build Now!**

PRICES ARE LOW

Always Get Our Prices.

"EVERYTHING TO BUILD WITH"

**F. O. BARDEN & SON**

Boyne City, Mich. Phone 146

# VICTOR RADIO

LEADS AGAIN IN TONE PERFORMANCE.



HEAR THE NEW 1931 VICTOR FIVE CIRCUIT,  
SCREEN GRID RADIO BEFORE BUYING.  
THEY ARE PRICED IN REACH OF ALL A  
RADIO THAT IS TRULY A MUSICAL INSTRUMENT.

**R. G. WATSON**

PHONE—66



### Mercolized Wax Keeps Skin Young

Get an ounce and use as directed. Fine particles of wax and fine particles of mercol... Mercolized Wax keeps the hidden beauty of your skin. It... Mercolized Wax keeps the hidden beauty of your skin. It... Mercolized Wax keeps the hidden beauty of your skin. It...

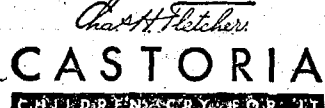
**Wrong Materials**  
The Bride—Why, John, you said we ought to feather our nest from the very beginning.  
The Groom—Yes, but not with fox furs.



### COMFORT FOR COLICKY BABIES

... THROUGH CASTORIA'S GENTLE REGULATION

The best way to prevent colic, doctors say, is to avoid gas in stomach and bowels by keeping the entire intestinal tract open, free from waste. But remember this: a tiny baby's tender little organs cannot stand harsh treatment. They must be gently urged. This is just the time Castoria can help most. Castoria, you know, is made specially for babies and children. It is a pure vegetable preparation, perfectly harmless. It contains no harsh drugs, no narcotics. For years it has helped mothers through trying times with colicky babies and children suffering with digestive upsets, colds and fever. Keep genuine Castoria on hand, with the name:



That's All  
"Joe, does your baby ever say cute things?"  
"We don't want her to say cute things. We want her to shut up."

### Adults, like Children, often have worms

Only too often full-grown men and women suffer intensely and expose themselves to expensive medical treatment without realizing that worms are the cause of their trouble. Loss of appetite, restless sleep, abdominal pain or nervousness are symptoms. Take Dr. Jayne's Vermifuge. It is pleasant, absolutely harmless and the most efficient preparation known to expel round worms and their eggs. Safe, gentle and sure in action. Get a bottle today from your druggist. DR. D. JAYNE & SON, Philadelphia.

### JAYNE'S Vermifuge

In This Modern Day  
"Dining in a restaurant? Where is your wife?"  
"Broadcasting cookery hints."

### Mothers... Watch Children's COLDS

COMMON head colds often "settle" in throat and chest where they may become dangerous. Don't take a chance—at the first sniff rub on Children's Musterole once every hour for five hours.

Children's Musterole is just good old Musterole, you have known so long, in milder form.



People get the kind of government they deserve. It is true; and sometimes the government gets what it deserves.—Louie the Sixteenth's.

### Drink Away that heavy, drowsy feeling!

When constipation signals, bring back the flush of health to your face by flushing the bowels thoroughly. A cup of Garfield Tea will cleanse away unhealthily stagnant waste, renew the feeling of energy and pep of the nearest drugist.

**GARFIELD TEA**  
A Natural Laxative Drink  
W. N. U., DETROIT, NO. 45-1931.

## HEART OF THE NORTH

By **WILLIAM BYRON MOWERY**  
(WNU Service)  
Copyright by William Byron Mowery

### CHAPTER X—Continued

Buzzard dropped down, swung around. As the plane sailed over a second time, Alan flew the island up to him studying the tent sharply, he saw a movement of the flap-front and distinguished a man's face, upturned, peering at them.

One bandit there at least! But the others? A guess shot into his mind: those others had probably gone hunting for caribou over east of the foute. As though that watcher there below realized what this ominous circling meant and had become panicky, a puff of white, a single puff, burst from the flap-front. Confident the man was alone and the others were gone, Alan decided to take this bandit alive. He needed information about the others, and information about that pack of furs to clear Dave MacMillan.

"While Buzzard circled at a safe distance, he tore a page from a memo book and printed a message: "If you shoot again, we'll splatter you and that island into the lake with our machine guns. Stand out in the clear. No weapons on you. Don't try any crooked move after we light."

He wrapped the message around a monkey-wrench and handed it to Buzzard. From wartime practice of dropping "eggs" on ammunition dumps and second-trench Flammenwerfer and camouflaged batteries of Krupp 70's east of Verdun, with no aerial sights except two nails and a string along the fuselage, Buzzard was a good judge of speed, altitude and the right split-second to release. Whirling over the island, a few hundred yards up, he planted the missile within a dozen paces of the flap-front.

As they looked back they saw the man run out to it, read the message, hesitate a moment, and then raise his left arm, waving something white. A pistol-shot off the island the plane lighted. Buzzard stayed in the machine. Alan and Bill got out the canvas canoe, slipped automatics into their pockets, took rifles prominently in hand and went ashore.

While Bill searched the bandit for a hidden revolver, Alan looked at him curiously. He was a strange character to find in this country. Slant-eyed, his skin olive, he looked as though he had oriental blood in his veins. The rag he had waved in token of surrender was a sling. His right arm dangled limp at his side.

Alan demanded, "Are you the fellow we hit in that fight?" "Chink" Woolley nodded. "Are those other men out hunting?" Alan asked. "Or where?" Woolley batted his eyes slowly, as though taking thought. "Huntin', yes," he managed.

"Which way?" "North-east." "That probably means they went southwest," Alan remarked, and his short laugh was not pleasant. "You lie natural and easy-like, but it won't get by with us. We've nalled two many liars in our time. I want to know who this party of yours is, where they came from, how they got into this country, how they know their way about in it. I want to know how that pack of otter pelts got into Trader MacMillan's storage shed. I want to know the man who killed Jimmy Montgomery there on the Midnight Sun. Now get busy."

He clicked the safety on his automatic and brought his elbow up against his side. Chink Woolley trembled, his knees shook, he wilted. He guessed that this man must be the Baker fellow, le serpent terrible, whom Mett Andre always mentioned in lowered voice. Those hypnotic gray eyes seemed to be boring through him. That heavy automatic was tilted to make his next lie the last. And if he turned king's evidence, he might escape the noose.

It was a strange story that Alan and Bill listened to, there on the island in the heart of Many Waters. Eighteen months ago, on a whaler in Beaufort sea, the five whites, excluding the half-breed Andre whom they picked up later, had "run a buck" under Jensen's instigation, but were overpowered by the captain and rest of the crew. Flung ashore with the skipper's sulphurous good wishes at bleak Demarcation point on the Arctic coast, they made their way across the Romanzoff's to the new placer fields in the Kayyukuk headwaters. They came too late to get worthwhile claims; and they discovered, too, that "hawking" in the perpetually-frozen subsoil was even harder work than whaling.

It was Jensen, brooding over their predicament, who conceived the idea that it was easier to find gold which already had been found than to thaw a hole thirty feet down to black sand and bedrock and then maybe get nothing. It was Jensen who allayed their

fears and dangled the golden lure in front of their eyes till their mouths watered and they were ready for anything he planned.

Andre the half-breed was a find. He fitted into the party like a key into a lock. They were crassly ignorant of the country; they were tyros when it came to travelling, hiding, living in the bush. But Andre the 'breed was bush-wise as a weasel and water-wise as a muskig mink, and he knew the whole north country from Roes Welcome to Point Barrow as he knew the palm of his hand.

It was Andre who had brought the party into this strange country, by back rivers and untraversed trails, avoiding all sight of men, so that they seemed to have dropped from the sky. It was Andre who suggested the place of attack on the Midnight Sun, and the Thal-Azzah as a place to hide in after the sloop and robbery. And it was 'breed Andre's sharp-speaking Savage that drilled Jimmy Montgomery through the heart.

Alan Baker breathed a little harshly. He ordered, "Describe that 'breck." And he added, "So there will be no mistake when I meet him."

Woolley described his met confederate. Alan nodded curtly. After a few moments' silence, he spoke again: "Now about Trader MacMillan. How did that pack of furs get in his shed?" "Jensen put it dere."

"Why?" Woolley did not know all the details, but from hints Jensen had dropped he was able to piece the story together pretty well.

Several years ago at Hershell Island, that gathering place for whalers, Indians, traders, Eskimos and Arctic explorers, Jensen had run afoul of Dave MacMillan. He had come ashore from a whaler, hungry for drink and hungry for woman's company after eight months of following the herds. He had found the drink, and in a whisky haze had started to make rough love to fifteen-year-old Joyce MacMillan.

Dave MacMillan fell upon him. For years now Jensen had been nursing his hairy chin reminiscently where MacMillan's hard fist had caught him;



"I'll Not Kill You if You Tell."

and his ears still rang with the derisive jeers of those who saw him dog-whipped down across the swells and over the shingle to the whaler.

He had never forgotten the MacMillan girl nor the incident of that snowy October day. The incident had smoldered in his vengeful soul; and when his party passed the trading post, it had flared out. It was a neat stroke, putting that comparatively worthless bale of furs in the shed of the man who had dog-whipped him. He had counted on the trader discovering them, wondering about them, innocently calling the attention of the police to them, and getting into hot water when he failed to explain how they got there.

The revelation of Dave MacMillan's complete innocence was no surprise to Alan but merely a proof that his and Joyce's instinctive belief had been correct. Now he could know that in buying out of service he had saved the reputation and possibly the very life of Joyce's father. Under Haskell's tyranny he could never have vindicated Dave. In his own way he had planned, and had fought through to this partial triumph.

Writing down the essential points of the confession, he forced Woolley to make his mark on the paper, with himself and Bill as witnesses. He made a second copy for Bill, in case something happened to Bill or him. Then he demanded of Woolley: "You say those other men went hunting. When are you expecting them back?"

Woolley did not know. He seemed strangely hesitant. Fidgeting uneasily, he would glance up at Alan and then away, as though he had something to tell but was afraid to tell it. Alan saw his agitation. He demanded: "What're you stumbling over? Cooking up some lie?"

The man wetted his dry twitching lips. "You'll not kill me if I tell you de trut"—where dey went? You maybe can git back dere on de Alooska in time to save de girl."

"On the Alooska—in time to save the girl"—Alan jerked as though a bullet had sung past his throat. His face went suddenly pale. "You mean Joyce MacMillan? What about her? Tell it, or by G—d I'll choke it out of you! Open up. What about her? What do you mean—in time to save her? I'll not kill you if you tell."

himself. He's all burnin' about dat girl. . . .

His shaky voice trailed off. He shrank back in quivering dread from the expression that had come into Baker's eyes.

For a little while, a few moments only, Alan stared unseeing out across the waters of the great blue lake. To wait here, until the bandits came back? Not that; they'd be three days and nights on the return trip. . . . Joyce would be helpless all that time, in the power of the man who was 'all burnin' about dat girl." They had left only thirty-odd hours ago. He stood a chance of beating them to the trading post. . . . Whirling on Bill, he ordered: "You stay here. You attend to this end of it. Buzzard and I will attend to the other. We'll go after them in the plane. There's a chance we can get to the trading post before they do. You'll have a rifle extra. They're intending to come back here after the loot. If anything happens to Buzzard and me, you'll be left, you'll have a chance at them. It'll be all up to you."

He turned on his heel and ran down to the canoe and skirled out to the waiting plane.

"Get back to the Alooska, Buzzard! To Joyce's home!" He pleaded huskily, "For G—d's sake make it straight and fast!"

No one appeared at the doorway of the trading store. No one, with hair shimmering in the sun, came running down the path to greet them.

Their shouts at the landing brought no answer from a girl's lips or from old Pence. In some measure prepared, Alan called Joyce's name as he strode into the trading hall. He called but once; he looked but once into her room.

Buzzard came running to him with a piece of paper in his hands. His face was lit with elation.

"Alan! Alan! Luckiest thing in our whole d—d lives! Look here, read this! Joyce and old Pence had left! Weren't here when that pack came! Went after caribou! Almost too good to be true!"

Alan grasped the note and read. It was in Joyce's fine swift-handwriting. No doubt about that. It stated that she and old Pence had gone to Black Timber lake thirty miles north to get caribou and would be back in two days, in case a patrol happened past.

Alan studied the note for half a minute. His face did not relax. "Yes, too good to be true," he commented slowly. "Don't you see?—this note is addressed to Constable Larry Young. Why did Joyce do that? She knows Larry is not patrolling, knows he is at Endurance all shot up; and she knows we know it. Don't you see, what she tried to do? It was her only way of telling us that something was wrong. She had to write this note as they dictated it, but she tricked them."

"It's so, it's so," Buzzard agreed. "She tricked them under their very eyes, and counted on us to understand."

From room to room—Joyce's room, her father's, the kitchen, the trading hall, the ground outside—Alan went carefully, noting signs, reading the story of what had happened.

Nothing about the post was disturbed. There were no signs of a struggle or fight. Joyce's light rifle still hung on a peg in her room. Its barrel inside was clean and shiny; the weapon had not been fired. Joyce must have been surprised and overpowered without a chance to fight back.

At the clearing edge Alan found a trampled spot in a thicket where five men had lain and watched. Kneeling down, examining the broken twigs, the wilted leaves, the crushed nettles, he read that all this had happened three hours ago and that the criminals were thirty of forty miles up the spruce-buried Alooska, with Joyce their prisoner.

About the whole post there was only one telltale sign of something dark and sinister. In their hurry to get away, the bandits had overlooked that sign. Beside a stump in the sunlit clearing, Alan picked up old Pence's story-stick. Once or twice he had wondered what they had done with that old white-haired wail. They would not burden themselves with him, nor would they turn him free, to report and bring the police hot on their trail. How had they dealt with old Pence?

As he picked up the stick, he saw a brownish-red stain on one end of it, a crimson splash already turning dark; and a few hoary-white hairs clinging to the wood. And this story-stick which old Pence had been whittling at, carving clumsy bas-relief scenes from his own life—scenes of mining camps, of the fur-path and lonely gold trails, of dog teams and packhorses, of broad-shouldered men bent under heavy portage loads and of women with a crude beauty of face and figure—this story-stick of his life, from its rounded handle to its tapering end, was completed now.

(TO BE CONTINUED.)

### Poverty Defined

The following definition of poverty is that of Dr. Robert W. Kelso, sociologist: "Poverty is that condition of living in which the individual, whether from lack of means or the failure to apply them, consistently fails to maintain himself and those properly dependent upon him at a plane of living high enough to insure continuous bodily and mental fitness to carry on permanently in his occupation and locality, and which allows him and them to live and function in their community with decency and self-respect."

### Be Philosophical

The chief secret of comfort lies in not suffering trifles to vex us.—Augshey.

### To Classify Blood Stains

Classification of blood stains is being made by a German expert as an aid in crime detection. He believes that eventually the status on the clothing of a suspect may be classified so that it quickly will be matched with that of the victim. While courts have recognized blood stains were made by human blood or not, there has been no test which will accurately determine the blood group of stains which have thoroughly dried. The expert believes he will supply this deficiency.

### Good Health Is Your Natural State

But you can't expect to enjoy good health if you are allowing disease germs to accumulate and multiply somewhere in your system. Coughs, colds, bronchitis, tonsillitis, rheumatism and often neuritis are the work of disease organisms which must be attacked and destroyed if good health is to be restored. These and many other more serious types of infection may be controlled and good health restored by chemically destroying the germs, using B. & M., The Penetrating Germicide, to stop the bacterial poisoning. The B. & M. treatment is unlike any other—quick and positive in action. Your druggist should have B. & M. in stock. If he fails to supply you promptly, send us his name and \$1.25 and we will mail you a full-size bottle. Helpful booklet free on request. F. E. Rollins Co., 53 Beverly St., Boston, Mass. (Adv.)

### Adage

"The pot shouldn't call the kettle black."  
"Not in politics."  
From 11 o'clock p. m. to 6 o'clock a. m., the world has a kind of moratorium.—It's asleep.

### Make your children STURDY

Scott's Emulsion of Cod Liver Oil builds and protects the bodies of growing youngsters, infants, and expectant mothers. Doctors find it gives them a wealth of Vitamin A for correct growth, as well as Vitamin D, the "sunshine vitamin" so essential in building strong, healthy bones and teeth. Valuable calcium salts are also in it. . . . and its pleasant flavor makes Scott's Emulsion easy for children to take. Good for adults too! Scott & Bowne, Bloomfield, N. J. Sales Representatives, H. F. Ritchie & Co., Inc., New York.



### A Joke Returns

The old joke about used razor blades has been exhumed again, this time by the publicity engineer for a new hotel in New York. The hotel, one learns, has been built with special cavities for the emertus blades. A guest need only drop his blade in a slot in the bathroom, and it will sink to eternal rest somewhere in the fabric of the building. A man

can stop at that hotel, and shave, and experience all the for-posterity sensations of a cornerstone layer.—Spokane Spokesman-Review.

The wicked do not persecute. They are singularly tolerant. It is their only virtue.

A man will laugh at his troubles—ten years after.

### Lower Prices

### New Cunningham RADIO TUBES

TYPES	OLD PRICES	NEW PRICES	TYPES	OLD PRICES	NEW PRICES
CX301A	\$1.10	.75	C335	\$2.20	1.60
C324	1.50	1.00	CX345	1.40	1.10
C324A	2.00	1.60	C347	1.90	1.55
CX326	1.25	.80	CX371A	1.40	.90
C327	1.25	1.00	CX380	1.40	1.00

### AGENTS WANTED

**"RADIATOR LIQUOR"**  
direct to automobile owners. Non-poisonous, harmless, no evaporation. The best and fastest selling anti-freeze for automobiles. A real opportunity to make money this winter. Write now for particulars and get started.  
RADIATOR ANTI-FREEZE CO.  
156 Speedwell Ave., Morristown, N. J.

**SOUND MOTION PICTURE OPERATORS WANTED**—Learn. Free practical training when course is completed. Easy terms. 10% of tuition payable when employed. 103 N. Rowan Ave., Dept. 10, Los Angeles, Calif.

Stomach Sufferers, use Hoover's Stomach Tablets, quick relief, or money refunded. Free sample, and booklet. Hoover Laboratories, 310 N. Humboldt, Minneapolis, Minn.

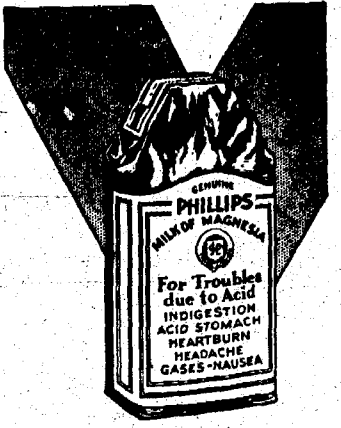
We Pay Cash for Dental Gold, Old Jewelry, silver and platinum. Diamonds, watches, shotguns and rifles. Lytle Supply Co., 924 Linwood Ave., Columbus, O., Dept. AR, 11.

### When Rest Is Broken

Act Promptly When Bladder Irregularities Disturb Sleep  
Are you bothered with bladder irregularities; burning, scanty and too frequent passage and getting up at night? Heed promptly these symptoms. They may warn of certain disordered kidney or bladder conditions.

Use everywhere rely on Doan's Pills. This time-tested diuretic has been recommended for 50 years. Sold by all druggists. A Diuretic for the Kidneys

## ACID STOMACH



EXCESS acid is the common cause of indigestion. It results in pain and sourness about two hours after eating. The quick corrective is an alkali which neutralizes acid. The best corrective is Phillips' Milk of Magnesia. It has remained standard with physicians in the 50 years since its invention.

One spoonful of Phillips' Milk of Magnesia neutralizes instantly many times its volume in acid. Harmless and tasteless, and yet its action is quick. You will never rely on crude methods, once you learn how quickly this method acts. Be sure to get the genuine. The ideal dentifrice for clean teeth and healthy gums is Phillips' Dental Magnesia, a superior tooth-paste that safeguards against acid-mouth.

According to Papa  
Teacher—Name the Seven Wonders of the world.

Johnny—I don't know but one of them, and that was papa when he was a boy.



### Better Varieties of Fruit Needed

#### Experiment Station Head Tells of Problems of Growers.

Dr. U. P. Hedrick, director of the New York state experiment station and for many years in charge of the station's fruit investigations, when asked by the American Agriculturist to name some of the important problems confronting the fruit grower, stated that in his opinion economic problems were the most pressing but also more and better varieties of fruit should be grown and better utilization made of culls.

Citing the need for legislation to put agriculture on the same economic basis as industry and for development of marketing facilities and the reduction of unprofitable acreages in fruit, Dr. Hedrick said in part, "Too few varieties of the several fruits are grown. Of the many kinds that might be grown in one fruit region or another in the several regions, we now find on the markets but a half-dozen varieties of apples, two or three kinds of pears, the Elberta peach, the Montmorancy cherry, the Concord grape, and so on. Were more sorts grown with different flavors and colors and for different seasons and purposes, fruit growing would be greatly stimulated.

"Then, too, there are too few good sorts of any fruit. The introduction of new and better kinds of fruit in the years to come will have a great influence in rehabilitating fruit growing. Also, there are too many culls, and too few ways of using culls. Perhaps 50 per cent of the fruit produced in America goes to waste from preventable causes, such as insect pests, poor orchard management, etc. There will always be culls and poor fruits, but the percentage need not be nearly so large as it is, and better means must be found for using cull fruits."

#### Remember These Points When Storing Apples

The following suggestion are given by a Wisconsin horticulturist on keeping apples:

First, properly ripened fruit that is to be kept during the winter should be hand picked. Apples should not be overmature when picked as they keep better if they are firm but still mature.

Second, handle the fruit with care, as bruises and punctures cause decay. Only sound apples, free from disease, should be selected.

Third, apples should not be stored in bins. Bushel baskets and the common apple-box are more satisfactory for storage than the larger containers.

Fourth, as soon as the fruit has been picked and placed in baskets, it should be set where it will be shaded and yet protected from the rain. The north side of building is often used. Apples may remain outdoors until time of hard frosts, at which time they should be removed to the cellar for winter storage.

Fifth, the cellar should be cool, kept as near 32 degrees Fahrenheit as possible. It should also be airy and ventilated at night. A false slatted floor should be laid so that air may circulate underneath the apples. If the cellar has a concrete floor, it should be sprinkled frequently so that the apples do not shrivel.—Michigan Farmer.

#### Importance of Pruning

Pruning is one of the most important of all orchard operations. Greater success in orchard work can be accomplished by proper pruning, and perhaps more damage done by injudicious cutting of fruit trees, than by any other orchard practice. The basis of all pruning is closely allied to the fundamental principles of plant growth; the practices of pruning are governed by climate, kind of fruit, and the particular purpose for which the fruit is grown. The objects in pruning are to develop a strong, well-proportioned tree; to modify its shape and growth to meet natural, local conditions; to satisfy economic requirements, such as cultivation, spraying, and harvesting; to influence production and the character of the fruit; and, to maintain the full vigor and health of the tree.

#### Imported Seeds Colored

Color, dominant in the commercial world today, is used for the protection of the American farmer in determining the origin of imported alfalfa seed, says the United States Department of Agriculture.

Federal law requires coloring of all imported alfalfa seed. This coloring enables the purchaser to determine at a glance the origin of the seed. Alfalfa seed from South America must be stained 10 per cent orange-red. That from Africa and Turkestan must be stained 10 per cent red, and that from Canada 1 per cent iridescent violet. All other imported seed must be stained 1 per cent green.

#### Clover Yield Shows Value

Fifty plots of sweet clover were laid out under different treatments of commercial, fertilizers, barnyard manure and limestone by F. E. Wilson, Okmulgee county, Oklahoma. The soil was sour and infertile before he made the test, which was in co-operation with his county agent. The sweet clover made a good growth on all plots treated with lime and phosphate. Those receiving fertilizer in addition to the limestone made the heaviest growth.

### Parasites Used to Fight Caterpillars

#### Aggressive War on Pests Is Being Waged.

Millions of small wasp-like insects liberated on the cattle ranges of southwest United States to destroy the eggs of the range caterpillar, a pest which, after having been comparatively inactive there for ten years, threatened to eat up all the range grass over a wide area, says the Scientific American. To be ready for the coming of the caterpillars, government entomologists throughout the winter produced the parasites at the rate of 60,000 a day and placed them in cold storage at the Temple (Arizona) field station. The vast insect army is now being deployed over the grazing grounds where the range caterpillar is present in the egg stage in large numbers. The tiny parasites will at once attack the caterpillar eggs and, it is hoped, quickly reduce the number of caterpillars to normal. Similar parasites are being tried-out against many insect pests, including the alfalfa weevil, codling moth, oriental fruit worm, and the corn borer, but this is the first time they have been tried on a large scale against the range caterpillar.

#### More and Better Feed From Pasture Fields

A 74-acre pasture at the Massachusetts experiment station has been giving us something to think about during the past three years. By dividing the pasture into several smaller fields, and with the application of fertilizer and the rotation of the cattle from one pasture to another in grazing, the treated land has given two and a half times as many pasture days as has similar land not fertilized. Along with this improvement in the carrying capacity of the pasture there has been a great reduction in the quantities of feeds required as in barn feeding. This work was begun in 1928 and during the third year, or 1930, less than one-third as much silage was used as in 1928, grain was reduced one-half, beet pulp four-fifths, and hay one-quarter.

The fertilized pasture gave a net return of \$73.74 above feed, fertilizer, and land costs as compared with only \$20.38 on the unfertilized pasture. Isn't it about time we learned how to grow more and better feed on some of our land devoted to pasture?—Exchange.

#### Fighting Plant Disease

Lettuce growers will welcome the news that a control has been discovered for bottom rot of lettuce which, it is estimated, has been costing New York state growers about a half million dollars annually. For fifteen years plant disease experts have been hunting for a control method. In 1929 some encouraging progress was made and now our State College of Agriculture makes definite announcement that this disease can be controlled at a cost of about \$25 an acre.

If you are ever tempted to feel that the scientist with his microscope and test tube contributes little or nothing to the farmer who actually produces the crops, think for a moment of the almost numberless diseases and insects which, without control measures devised by these same scientists, would certainly ruin our crops before they could ever be harvested.—American Agriculturist.

#### Prolific Sow

What is probably a world's record for swine is claimed for a large white (Yorkshire) sow which farrowed 164 pigs in 41 months and raised 106 to maturity. This sow is owned by a small farmer in Worcestershire, England, and the facts are vouched for by a veterinary surgeon.

According to the report the strain has been transmitted to her offspring for one of the first progeny has just farrowed a litter of 20 pigs. This record excels but does not overshadow that of the Saskatchewan sow which farrowed 78 pigs in five consecutive litters and raised 72 to marketable age.

#### Around the Farm

"You pay for drainage whether you have it or not," is an old saying that is true, especially on farms where there are wet spots which will not produce crops or that hinder farm operations.

Wild oats seldom germinate the year they ripen. The fall growth such years is probably wild oats from a previous year. Wild oats are a cool climate crop and the natural period for germination is in May.

Controlled experiments regarding the effect of sunshine on the vitamin content of tomatoes show that tomatoes ripened on vines in the greenhouse are lower in vitamin C than those ripened in the field.

Sixty-eight fat hogs sold by Pitt county (N. C.) farmers netted them \$735.60 above expenses.

Among the good older apples are Jonathan, Grimes Golden, Delleons, Stayman, McIntosh, Wealthy, Winesap, Northern Spy, Yellow Newton and Northern Greening.

The only safe method of disposing of animals which have died of anthrax is to burn them as soon as possible or bury them six feet deep and cover them with fresh lime.

### Neal's Mother Has Right Idea



Within a few months there will be no more feverish, bilious, headachy, constipated, pale and puny children. That prophecy would surely come true if every mother could see for herself how quickly, easily, and harmlessly the bowels of babies and children are cleansed, regulated, given tone and strength by a product which has proved its merit and reliability to do what is claimed for it to millions of mothers in over fifty years of steadily increasing use.

As mothers find out from using it how children respond to the gentle influence of California Fig Syrup by growing stronger, sturdier and more active daily they simply have to tell other mothers about it. That's one of the reasons for its overwhelming sales of over four million bottles a year.

A Western mother, Mrs. Neal M. Todd, 1701 West 27th St., Oklahoma City, Okla., says: "When my son, Neal, was three years old he began having constipation. I decided to give him California Fig Syrup and in a few days he was all right and looked fine again. This pleased me so much that I have used Fig Syrup ever since for all his colds or little upset spells. It always stops his trouble quick, strengthens him, makes him eat."

Always ask for California Fig Syrup by the full name and see that the carton bears the word "California." Then you'll get the genuine.

#### Model's Clothes Stolen

A wax model in a lobby showcase in Washington, D. C., attracted more than usual attention when passersby began to notice she was clad only in stockings. Police were notified by the night watchman and learned that a thief had stripped the model after breaking the catch in the glass door to her showcase. A coat and dress, as well as several other garments, were missing.

### BIG RESULTS FROM LITTLE IRON RING

One hundred years ago, on August 29, 1831, the son of an Irish blacksmith, who from youth had been fascinated by the mysteries of magnetism and electricity, took an iron ring, wound around it two coils of wire, attached the end of one coil to an electric battery, that of the other to a galvanometer and watched to see what would happen. On the galvanometer the indicator needle moved.

In that experiment the modern world of the dynamo was born; it evolved from the little iron ring in the hands of Michael Faraday, whose brilliant mind had conceived the theory of induction. In a century an industry worth at least \$100,000,000,000 has been built upon the coiled wires and their iron core; a beneficial revolution has been worked in the domain of industry; Niagara and 10,000 other cataracts have been linked to the tasks of civilization; light—for the pressure of a button—has been put at the command of man and the dark corners of the earth have been made luminous. The National Electric Light Association recently reported to President Hoover that its members would spend \$600,000,000 this year in new construction. Wheels revolve in factories, trolley cars move human masses from homes to work and work to homes, smokeless locomotives haul trains across country; in the household are vacuum cleaners, dish-washers, clothes-washers and what not; on the farm cows are milked and other chores are done with far less of human labor, because a century ago Faraday had an idea.

Probably no more impressive measure may be found of the accelerated progress of civilization than in contemplating what has developed in 100 years from Faraday's iron ring.

#### Doorstep Diplomacy

"Are you a bill collector?"  
"Just want a debt parley with your husband, thass all."

#### Sectionally Speaking

"So you're from the South, eh?"  
"What part?"  
"South Dakota."—Capper's Weekly.



"FATIGUE?"  
I just postpone it!"

"No, I don't have 'nerves.' You can't have them, and hold this sort of position. My head used to throb around three o'clock, and certain days, of course, were worse than others."

"Then I learned to rely on Bayer Aspirin." The sure cure for any headache is rest. But sometimes we must postpone it. That's when Bayer Aspirin saves the day. Two tablets, and the nagging pain is gone until you are home. And once you are comfortable, the pain seldom returns!

Keep Bayer Aspirin handy. Don't put it away, or put off taking it. Fighting a headache to finish the day may be heroic, but it is also a little foolish. So is sacrificing a night's sleep because you've an annoying cold, or irritated throat, or grumbling tooth, neuralgia, neuritis. These tablets always relieve. They don't depress the heart, and may be taken freely. That is medical opinion. It is a fact established by the last twenty years of medical practice.

The only caution to be observed is when you are buying aspirin. Bayer is genuine. Tablets with the Bayer cross are safe.

The Dear Girl  
"Could you be happy with love in a cottage?"  
"If we have a good car."  
The lawyer's best friend is the man who makes his own will.  
Pen and ink are the best witnesses.

Civilization will save itself; but it will depend on its intellect, not on its emotions. That, we suppose, is being hardboiled.  
When in the mood one can yawp at any kind of a love sonnet.  
Who knows most, doubts not.

# Firestone PATENTED CONSTRUCTION gives Extra Strength and Safety

THE Firestone Oldfield Type Tire is a tough, rugged tire all the way through. Inside are the special patented construction features of Gum-Dipping and Two Extra Cord Plies Under the Tread that give the body of the tire extra strength and safety. Outside is a thick tread of slow-wearing, non-oxidizing rubber with a deep non-skid for long, trouble-free service and sure traction. Sturdy blocks of rubber on the sidewall guard against rut and curb wear. Compare this great tire with any Special Brand Mail Order Tire selling at the same price. Firestone Service Dealers have sections for you to inspect. Drive to the Firestone Service Dealer near you and see for yourself why Firestones give longer trouble-free service and greater safety.



## COMPARE QUALITY • CONSTRUCTION • PRICE

MAKE OF CAR	TIRE SIZE	Firestone Oldfield Type	*Special Brand Mail Order Tire	Firestone Oldfield Type	*Special Brand Mail Order Tire	Firestone Oldfield Type	*Special Brand Mail Order Tire
Ford	4.40-21	4.90	4.90	9.00	4.35	4.35	8.50
Chevrolet	4.50-20	5.60	5.60	10.90	4.78	4.78	9.26
Ford	4.50-21	5.60	5.69	11.10	4.85	4.85	9.40
Ford	4.75-19	6.65	6.65	12.90	5.68	5.68	11.14
Firestone Plym'oth	4.75-20	6.75	6.75	13.16	5.75	5.75	11.26
Chandler DeSoto	5.00-19	6.98	6.98	13.60	5.99	5.99	11.66
Dodge	5.00-19	6.98	6.98	13.60	5.99	5.99	11.66
Current	5.00-19	6.98	6.98	13.60	5.99	5.99	11.66
East	5.00-20	7.10	7.10	13.80	6.10	6.10	11.90
East	5.00-21	7.35	7.35	14.30	6.35	6.35	12.40
Buick	5.25-21	8.57	8.57	16.70	7.37	7.37	14.54

Firestone Give You	4-75-19 Tire	4-50-21 Tire
More Weight, pounds.....	18.00	17.02
More Thickness, inches.....	.658	.598
More Non-Skid Depth, inches.....	.281	.250
More Plies Under Tread.....	6	5
Same Width, inches.....	5.20	4.75
Same Price.....	\$6.65	\$4.85

\*A "Special Brand" tire is made by a manufacturer for distributors such as mail order houses, oil companies and others under a name that does not identify the tire manufacturer to the public, usually because he builds his "best quality" tires under his own name. Firestone puts his name on EVERY tire he makes.

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# Firestone

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## School News and Chatter

Editor-in-Chief—Gwen Malpass  
 Consulting Editor—Margaret Bayless  
 Assistant Editor—Phyllis Worcester  
 Advisor—Miss Perkins  
 Reporter—Eloise Davis, Helen Kotovich, Pauline Loomis, Marian Kraemer, Henrietta Russell.

### ALGEBRA

The Algebra class has started the study of multiplication of polynomials.

### SOCIOLOGY

The Sociology class is studying the growth of population.

—Gwen Malpass

### HOME ECONOMICS

The ninth grade are studying the cooking of vegetables and the influence of different things upon the color and flavor.

The tenth grade are starting their cotton blouses, making use of some machine attachments.

—Pauline Loomis

### PANCAKE SUPPER

The Seniors and P. T. A. will hold their Pancake Supper at the H. S. Gym, Thursday, Nov. 12th, commencing at 5:30 fast time. The menu is pancakes, sausages, coffee and doughnuts. So start saving your nickels and dimes to make 30c and go to this supper.

—Eloise Davis

### COMMERCIAL CLUB

Members of the Commercial Club have taken over the sale of Mazda Electric Light bulbs, during a campaign staged by the Michigan Public Service Company.

The girls will call on all of the users of electricity in the city between now and Nov. 23. A liberal discount is being offered on orders for six or more bulbs of any size.

Any orders given to these girls will be greatly appreciated.—Miss Merritt Advisor.

### GRADES

First Grade—The windows in the first grade room are prettily decorated with pumpkins and turkeys. This seems to be an appropriate decoration for November.

Third Grade—The following pupils were on the Dental Honor Roll: Gerald Lee, Marah Leigh Farmer, Sonny Healey, Evelyn Collins, Suzanne Porter, Glen Trojaneck, Betty Hickox, and Mary Jane Addis.

### POEMS

Autumn has come again,  
 The long summer vacation is over.  
 Our school begins this morning,  
 Do you hear the bell calling?  
 We shall be as busy as bees,  
 Three cheers for Grade Three.

—Nancy LaLonde

### An Indian

There was a little Indian  
 He had a wigwam,  
 He said to me  
 "Sit on my knee."  
 He said he shot a deer,  
 But it was a bear.

—Teddy Malpass

The following pupils had "A" in spelling last week: Betty Hickox, Helen Bennett, Suzanne Porter and Marjorie Kiser.

Fourth Grade—The Geography students are making weather charts. The following pupils received "A" in spelling the past month: John Seiler, Genevieve Ellis, Francis Justice. Those receiving "B" the past month are Billy Sanderson, Eldeva Woodcock, Floyd Holly, Hugh Richards and Keith Rogers.

—Marian Kraemer

"Economy has taught me one lesson. By denying myself of tobacco, movies, ice cream and a few other luxuries for the last 10 years I accumulated \$1,564.32."

"That's great. What are you going to do with the money?"

"I won't have to decide that question—the bank failed."

### PROBATE ORDER

State of Michigan. The Probate Court for the County of Charlevoix. At a session of said Court, held at the Probate Office in the City of Charlevoix in said County, on the 20th day of October, A. D. 1931.

Present: Hon. Ervan A. Rueggesser, Judge of Probate.

In the Matter of the Estate of William St. Charles, Deceased.

Willard St. Charles having filed in said court his petition praying that the administration of said estate be granted to himself, or to some other suitable person.

It is Ordered, That the 13th day of November A. D. 1931, at ten o'clock in the forenoon, at said probate office, he and is hereby appointed for hearing said petition.

It is Further Ordered, That public notice thereof be given by publication of a copy of this order, for three successive weeks previous to said day of hearing, in the Charlevoix County Herald, a newspaper printed and circulated in said county.

Ervan A. Rueggesser,  
 Judge of Probate.

## State News in Brief

Battle Creek—A gift from W. K. Kellogg, millionaire manufacturer and philanthropist, of a 360-acre tract of farm land to the State Board of Agriculture for use as an experimental reforestation project has been revealed. The land is located northwest of here near Gull Lake.

Bad Axe—John Gordon, 30 years old, of Port Austin, is in the hospital here and may lose the sight of his right eye as the result of a hunting accident at Port Crescent. While building a duck blind, he reached for his gun, which exploded, part of the charge striking him in the face.

Midland—Michigan has a new apple and a new pear, developed at the Dow Nurseries here. The apple has been christened the "Dow" and is an early variety, large and highly colored. The pear, called the "Midland," is of medium size, yellow coloring and is harvested just after the Bartlett.

Mt. Pleasant—A high powered rifle aided in extinguishing a flaming gas well in the Varnon gas pool, 13 miles north of here. Holes were shot in the gas pipe to relieve pressure. Origin of the fire is unknown. The well burned only a few minutes before the rifle was brought into use. Loss was slight.

Battle Creek—If Dominick McCella, 64 years old, cannot drink up his money, he can eat it. He was arrested in a raid on the home of Moses Bollinger, after his daughter complained he was spending all of his money for liquor. While being removed to the police station, he ate \$16 in bills.

Alpena—William Toland, 68 years old, was found shot to death in a field near his farm in Alpena County by his grandson, Elmer Banks. Toland had gone out to shoot crows with his 12-gauge shotgun and it is believed he stumbled in climbing a fence. The charge penetrated the abdomen, causing death almost instantly.

Otisville—John Mincey, Flint automobile factory worker, carried his wife and two children from their burning home here. Mincey awoke to find the home in flames. After taking out his wife and son, Jackie, 3 years old, he re-entered the home and rescued his daughter, Maxine, 6, who was sleeping upstairs. The house was destroyed. Origin of the fire was not determined.

Flint—The premonition of a 6-year-old boy saved the life of his father. Fred Webber went to his garage to repair the engine of his car. His son, Richard followed later. He found the garage door nearly closed. Entering, he saw his father slumped over a fender, in a dazed condition. The boy half-dragged, half-led him from the garage. A physician revived him after two hours, from the effects of the carbon monoxide fumes.

Mt. Pleasant—It is thought by many oil development concerns that developments in the Central Michigan Oil Pool which have been gaining momentum the last two months are now likely to strike a quiet period. There are some 240 producers in the field with an aggregate open flow of 18,000 barrels daily. Several 2,400 barrel a day wells have been struck in the past two months, combining to overflow the demand for Michigan crude.

Houghton—Corbin T. Eddy, assistant professor of metallurgy at the Michigan College of Mining and Technology has been awarded the Alfred Nobel award for the outstanding junior paper presented to the five leading engineering societies of the United States. His paper, "Arsenic Elimination in the Reverberatory Refining of Copper," was presented at the annual meeting last February of American Institute of Mining and Metallurgical Engineers.

Eaton Rapids—Col. T. L. Houston, former owner of the New York Yankees will turn over a \$30,000 baseball trust fund to the Veterans of Foreign Wars National Home immediately. The money will be used to build an auditorium and gymnasium. A nationwide campaign in V. F. W. organization is to be started to secure life members in the National Home Corporation at a cost of \$10 each. With \$40,000 in cash on hand, V. F. W. National Home is in a sound financial condition.

Ann Arbor—Fred Goodrich, 22, of Lansing, University of Detroit basketball and tennis star, drove to his death in a ditch on the Plymouth road while asleep at the wheel of his car. With Miss Mildred Stark, 19, of Battle Creek, he had attended a football game, and was taking the girl home when the accident occurred. For more than an hour after the crash in the ditch Miss Stark waved frantically to stop passing motorists who ignored her. When a motorist did stop, Goodrich was unconscious and died later in a hospital here.

Kalamazoo—It may have been just an old Spanish custom for a bull, but three Kalamazoo residents had an evening of less than pure fun when the animal, mistaking a red undershirt on a clothesline for a matador, charged, impaled the garment on his horns and then tried to push over a garage. Mr. and Mrs. Delbert W. Hughes were terrorized in their car as they watched the angry bull's effort to crush his dummy enemy. Albert Cole woke up in time to see him attempt to climb in his bedroom window, grabbed a shotgun, and fired.

### Opportunity in Plenty for Week-End Fathers

America needs more week-end fathers who when the week's work is over, become companions with their children and in this way strengthen the bond of sympathy between parent and children, writes Henry B. Lent, in the Parents' Magazine. "I am a week-end father," says he. "From Monday to Friday I drive feverishly three miles to catch the 8:10 train and feel grateful if I am lucky enough to get the 5:30 or the 6:10 train back again in the evening. And that leaves me just week-ends to do the most important job I have—being a father to my boy."

"Without carrying it to the point of absurdity I try to be a real pal to my boy," continues Mr. Lent, in the Parents' Magazine. "I never force his relationship, yet as far as I think it wise, I gear my own interests to his level. One of the keenest joys of being a father is the privilege of sharing with your youngster the contagious amazement that accompanies his first insight into interesting, perhaps commonplace, activities of your world. Some of the things for which I go considerably out of my way to do with my son on week-ends would be unbearably tiresome to many people. For me it is fun."

### Heads Red and White in Matrimonial Mixup

It seems that a Mrs. Paul Whitehead, after twelve years of wedded bliss, decided, in the course of events, that her wedded life was not so blissful, and sued for divorce. The decree was granted, and she was given custody of her eleven-year-old son, Paul, Jr.

After the passing of a few years Mrs. Whitehead remarried. And with all the men in the wide, wide world to choose from, whom should it be but a Mr. William Redhed. (At that, Mrs. Whitehead-Redhed may have been giving in to a delicately Quixotic sense of humor.) No more than her former husband was white-haired, was her present one red-haired, but his name was William Redhed, nevertheless. As far as little Paul's name was concerned he was still called Paul Whitehead.

Some time later, Bill, Jr., was born, which, to give him his full due, made him William Redhed, Jr. In the entire galaxy of exactly four persons, their names were Mr. and Mrs. Redhed (Mrs. being formerly "Whitehead"), Paul Whitehead, Jr., and Bill Redhed, Jr., brand-new.

To those with a pedagogical turn of mind, can be easily imagined the ancient school-marm calling the roll. At Bill Redhed's name she will stop and say, "Bill Redhed, now isn't that funny? Years ago I had a pupil whose name was John Whitehead. Odd if there were some kind of relationship!"—New York Sun.

### Some Trees Young at 50

Leaves of some trees turn red in autumn, as those of many maples and sumachs; the leaves of other trees, as the ash and tulip tree, turn yellow. Some trees have leaves so large that you could wrap one about you like a robe, says "Forest Facts for Schools." Others have leaves hardly larger than your little finger nail. Some trees have wood so soft you can tear it apart in your hands and so light that it floats like cork; others have wood so hard no nail can pierce it and so heavy it sinks in water like a stone. In age, too, trees differ tremendously. Some, like the aspens, are old trees when they have reached forty or fifty years, while others at that age are youngsters just getting a start.

### Child's Play Gives Rhythm

Play is of as much or more value in teaching a child co-ordination than work, according to the children's bureau of the Department of Labor.

One of the most important results of play, the bureau points out, is the training of the child's senses and muscles. For instance, when a little girl is jumping rope to the sound of her own singing, or that of her playmates, she is learning to co-ordinate eyes, ears, and muscles. The perfect rhythm involved is itself the result of earlier muscle and sense training and the child who has played with vigor and freedom attains it without conscious effort.

### Two Men Carlyle Honored

Two men I honor, and no third. First, the toll-worn craftsman that with earth-made implement laboriously conquers the earth and makes her man's. Venerable to me is the hard hand, crooked, coarse. . . . A second man I honor, and still more highly: Him who is seen tolling for the spiritually indispensable; not daily bread, but the bread of life. These two in all degrees I honor; all else is chaff and dust, which let the wind blow whither it listeth.—Thomas Carlyle in "Sartor Resartus."

### Legend of Arcas

According to a Greek legend concerning Arcurus; Arcas, son of the king of Arcadia, while hunting, pursued his mother, who had been transformed into a bear by Zeus. The bear mother took refuge in the temple of Zeus and the god, in order to prevent matricide, transported both the mother and son into the heavens. To locate Arcurus, follow the handle of the big dipper in a curved line a distance that of the dipper itself. Arcurus is the brightest star in the constellation.



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## EASY STARTING ACCELERATION POWER



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**Nights Lowers Vitality**  
 If you feel old and run-down from Getting Up Nights, Backache, Leg Pains, Stiffness, Nervousness, Circles under Eyes, Headaches, Burning and Bladder Weakness, caused by Kidney Acidity, I want you to quit suffering right now. Come in and get what I think is the greatest medicine I have ever found. It often gives big improvement in 24 hours. Just ask me for Cyston (Siss-tex). It's only 75c and I guarantee it to quickly combat these conditions and satisfy completely, or return empty package and get your money back.  
 GIDLEY & MAC, Druggists

**No Place to Be**  
 Two tramps met in a village.  
 "What are you doing here?" asked one.  
 "Looking for work."  
 "Then clear out quick. There's plenty to be had."

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SECTION OF

# Charlevoix County Herald

EAST JORDAN, MICHIGAN, FRIDAY, NOVEMBER 6, 1931

**1881** Fifty years service  
to humanity



**JOIN!**



# The American Red Cross in Action

Above—Red Cross paid the grocery bill, and maintained the health and morale of more than two million drought sufferers. Balanced rationing and ample provisions prevailed. The Red Cross commanded the services of thousands of volunteers. It was an impressive demonstration of neighbors helping neighbors. At right—Hot lunches for school children in the drought area.



Colorful and strange is a field trip out of Manila. The native sapa house is a real home that warmly welcomes the Red Cross nurse.

Bits of cheer at Christmas time—80,000 boxes spread good will and happiness round the world. An important phase of Junior activities.



Men's classes are popular features of Home Hygiene and Care of the Sick.

The American Red Cross was founded in 1881. It is, by Presidential proclamation, the National Relief Agency. It is chartered by Congress, headed by the President of the United States, and supported by annual memberships.

These memberships make possible a program which includes:

Disaster Relief—1,000 catastrophes in 50 years—all the way from Johnstown flood to Drought.

Veterans—380,000 social and financial problems in a year for ex-service men and their families and for the men of the regular Army and Navy.

First Aid—75,000 certificates awarded in a year—the answer to the annual toll of 100,000 deaths from accident.

Life-Saving—70,000 candidates pass tests in year—one way to prevent the 7,000 drownings now occurring each year.

Public Health Nursing—1,340,000 visits to patients in 12 months—building health in home, school, and community.

Home Hygiene—568 Chapters conducting this work—teaching the family how to care for sickness.

Nutrition—138,000 children and adults taught in year—better food and better bodies.

Junior Red Cross—7,000,000 school children enrolled—spreading cheer and good-will round the world.

Insular and foreign activities—aided in 12 disasters last year.

Volunteers—110,000 in one year—ever ready in war and in peace.

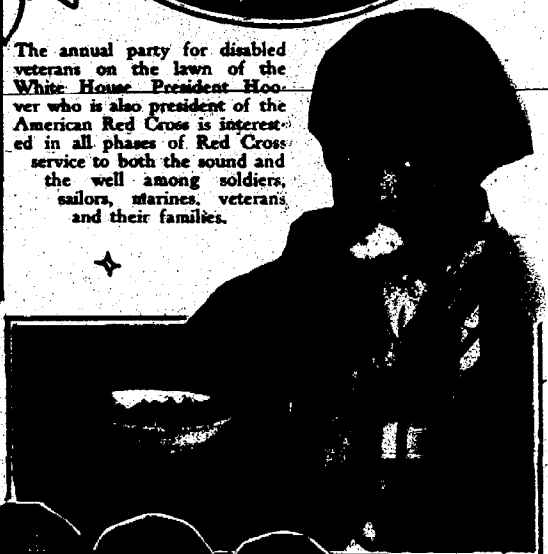
Says Chief Justice Charles Evans Hughes: "The American Red Cross represents the united voluntary effort of the American people in the ministry of mercy. It is the best and most effective expression of the American heart."



The annual party for disabled veterans on the lawn of the White House. President Hoover who is also president of the American Red Cross is interested in all phases of Red Cross service to both the sound and the well among soldiers, sailors, marines, veterans, and their families.



Water Safety methods, as taught by the Red Cross, prevent many needless deaths from drowning.

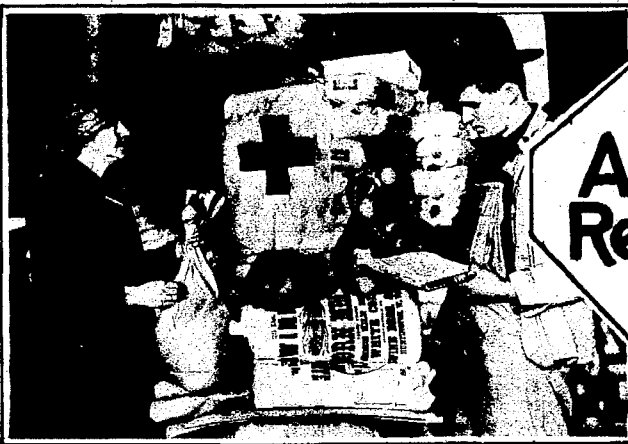


Currants from Greece were used in these cookies baked by Juniors and served in school lunches in drought areas. There are 12,000,000 Juniors in the world, bound together by mutual understanding and ideals.



A rollicking row cheerfully expounding the principle, "Keep well babies well" at a baby welfare conference conducted by the Red Cross Public Health Nursing Service.





# The American Red Cross in Action

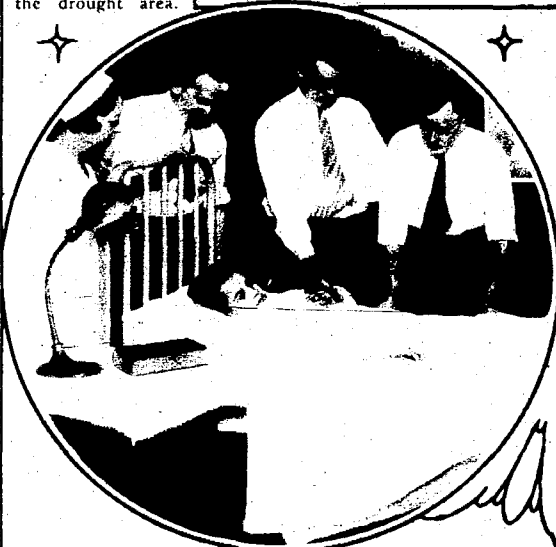


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