

# THE TAWAS HERALD.

Volume XXII.

TAWAS CITY, MICHIGAN, February 3, 1905.

Number 6.

## Great Reduction Sale!

We do not want to carry over any of our large stock of

### Men's and Boys' Overcoats,

and have decided to reduce the price to such a figure that you cannot afford to let the opportunity pass. This includes all our stock of

### FUR COATS,

which are the best made, also our big line of

### Ladies' and Children's Coats and Jackets.

There is not a larger or better line of these goods in this section than ours, and our prices during this sale are so low that it will pay you to buy for the future.

## BLUMENAU'S

BIG DEPARTMENT STORE.

WHITTEMORE, MICH.



## "Elite" Petticoats

Are the Pink of Perfection.

They are glove-fitting, adjustable, and made from the best materials.

They are absolutely self-adjusting, do not gap at the back or sag in front. There

is no draw-string to knot or break. In fact they combine all the most desirable points in a skirt.

We have the largest and best line to be found in the two cities, and at prices from

**\$1.00 to \$5.00.**

## F. F. FRENCH & CO.,

Maccabee Block, East Tawas.

## NEWS OF THE WEEK.

Fire insurance. F. F. French, Hutchinson, the photographer, East Tawas.

For furniture at right prices see Armstrong.

A new line of graphophone records at E. L. King's.

Photo enlargements at the East Tawas photo gallery.

Ambrose Schill transacted business at Rose City Monday.

A few second hand watches at bargains. G. T. Wood.

John McCarron, of East Tawas, left Tuesday for Wolverine.

F. F. French and family have moved into the Temple Emery house.

The best is none too good for you. Hutchinson, the photographer.

Miss Hattie, Johnson, of Oscoda, spent the week at East Tawas.

Mrs. P. E. Shien visited her mother at Oscoda a few days last week.

A large quantity of very fine ice is being harvested here this season.

Mrs. M. A. White, of East Tawas, left Monday for a visit at Detroit.

James H. Nesbit was in Rose City on business a few days this week.

See the line of handsome valentines at the Racket Store. Prices right.

High class fire insurance. HENRY HANSON, East Tawas.

George Feleher, of East Tawas, was at Bay City on business last Saturday.

Mrs. Dan Stewart, of South Branch, visited friends at East Tawas this week.

Mrs. Campbell, of Bay City, is the guest of her son, Charles, of East Tawas.

Attend the concert by the Lyceum Lady Quartette at the court house tonight.

There will be regular preaching services at the M. E. church next Sunday.

Mrs. A. Black, of Bay City, is the guest of her son, Frank and family, of East Tawas.

Mrs. P. Plumber, of Sparta, Wis., is the guest of her brother Wallace Brown, of this city.

Mrs. Hattie Grant has resumed her position at Davis, Kishlar & Co.'s after a weeks illness.

For Sale.—A heavy team, or to exchange for light horses. Inquire at Kane's Livery stable.

Mr. and Mrs. Charles Kane are the parents of a fine daughter, who came to their home last Tuesday.

The Saginaw high school has been closed on account of an outbreak of small pox among the pupils.

Watches, diamonds fine jewelry, silverware, etc., very, very cheap at G. T. Wood's clearing out sale.

A serious outbreak of smallpox is reported among the Indians at Saginaw. Four deaths are reported.

Mrs. John Johnson returned to Rose City, yesterday after spending a week at East Tawas and Oscoda.

The celebrated Harrison wagon, the best made. For sale by W. F. WHITTEMORE & CO.

Capt. and Mrs. Ben Trudell, of the Grand Marais L. S. S., are visiting relatives and friends in the Tawas.

Mrs. Lydia Stevens, of East Tawas, returned last Monday from an extended visit with relatives at Carlisle, O.

Only a few pieces of cut glass left but they are up-to-date and offered at a great sacrifice. G. T. Wood, jeweler.

Rev. John T. Oxtoby, D. D., the well known Presbyterian divine, died very suddenly at his home in Saginaw, last Monday.

The Epworth League give a sleigh-ride and supper at the home of Wardwell Chase, Friday evening, Feb. 10. All are invited.

G. K. Tyler has gone to Kentucky to see to the shipping of the machinery for the new factory of the Tawas Manufacturing Co.

Last Tuesday evening Thomas Murphy fell on the icy sidewalk and broke his right shoulder. He was removed Dr. Gibson's office where the fracture was reduced, and is now resting comfortably at the Bay Side hotel.

Last Monday evening Court Ioseo No. 193, of East Tawas, held its annual installation of officers, and a most enjoyable evening was spent. After the ceremonies of installation an elegant banquet was served and a general good time followed. The Court is in the most prosperous condition in its history and is one of the most popular social organizations in the Tawas.

Modern plumbing, heating and ventilating is the scientific problem of today. Ventilating, you have enough at present. Keep your plumbing in shape. All sorts of heavy tinware and iron work made to order. Fish shanty stoves, stove pipe, etc. A. J. MERSCHER, East Tawas.

C. V. Hicks, Alpena music store.

Sheriff Curry was confined to the house a portion of this week by an attack of the la grippe.

Miss Lottie Lowe, of Onaway, spent a few days during the past week with friends in the Tawas.

Thos. Borland, Jr., of East Tawas left Tuesday for Detroit, where he will attend business college.

An eight pound daughter arrived at the home of Mr. and Mrs. Charles Katterman, Wednesday last.

Farm for sale, 120 acres, 17 cleared, well watered the year round. Inquire of Frank Black, East Tawas.

Fred Buch returned to his studies at the Northwestern University, at Watertown, Wis., last Monday.

Watches, diamonds, fine jewelry, silverware, etc., very, very cheap at G. T. Wood's clearing out sale.

Ten deaths were reported to the secretary of state from Ioseo county during the month of December.

Our line of valentines beyond comparison. Drop in and see them. THE RACKET STORE.

Only a few pieces of cut glass left but they are up-to-date and offered at a great sacrifice. G. T. Wood, jeweler.

Rev. and Mrs. Theo. Wuggazer, of Millington, arrived last Monday for a ten days visit with relatives and friends.

Dr. A. B. Spunney will be at the Holland, East Tawas, Thursday, Feb. 9, from 9 a. m. to 9 p. m. See advertisement.

The young people, and some of the older ones, have been enjoying the excellent skating on the bay during the past week.

John Bowen, an employee of the Telephone company fell from a pole last Tuesday, breaking two bones in his left wrist.

W. G. Richards was in Rose City the fore part of the week looking after the lumber operations of the Ottawa Hardwood Co.

Lost—In this city, on Jan. 24, a black leather hand bag. The finder will be suitably rewarded by leaving it at this office.

Mrs. C. A. Wakeman went to Whittemore last Monday, where she acted as installing officer for the L. O. T. M. that evening.

Lewis Nunn and Miss Edith Smith, both of Hale, were united in marriage at the M. E. parsonage Tuesday. Rev. E. King officiating.

Mrs. Peter Moussette and daughter, Miss Josie, of Caro, are spending a couple of weeks with relatives and friends at East Tawas.

While out hunting last October, Joel Williams, of Rose City, was accidentally shot by J. D. Campbell. He is now suing Campbell criminal carelessness.

For Sale at a Bargain—One of the finest little homes in East Tawas for sale at a bargain. Enquire of G. T. Wood, Jeweler.

Mrs. Robert McMurray, of East Tawas, was examined before Judge of Probate Wier Tuesday, and committed to the asylum at Traverse City. Under Sheriff Johnson accompanied her to that institution that evening.

From a postal card received from Rev. A. Waterbury we learn that he is now located at Pine Bluff, Ark., where he is supplying the pulpit of the First Baptist church during the absence of the regular pastor, who is on a trip to the Holy Land.

Wanted—Girls to work in silk factories. Permanent employment, good wages, clean, healthy work. Car us 50 to 100 more girls. Address BELDING BROS. & CO., Belding, Mich.

C. V. Hicks, Domestic Machines.

The Michigan Hemlock Co., with a capital stock of \$50,000, was organized at Detroit last week. Among the stockholders are E. F. and H. N. Loud of AuSable.

Twenty-three members of the Lady Maccabees of this city, drove out to the home of Mrs. James Baguley, on the Townline Tuesday evening and gave her a pleasant surprise.

Andrew Merschel has purchased the bicycle repair and machine shop of Ben Sanderson and will hereafter conduct the business. We understand that Mr. Sanderson will seek another location.

Miss Blanche Noel returned Tuesday from a visit at Beloit, Wis. She was accompanied by her sister, Mrs. John Owen, who will spend a couple of months with her parents, Mr. and Mrs. Alfred Noel, of East Tawas.

Last Monday evening there was carried out one of the most successful and complete surprise parties of the season. The victim was the Rev. C. L. Wuggazer, about 150 of his friends gathered at the parsonage and a most enjoyable evening was spent. The reverend gentleman was the recipient of a number of gifts as reminders of the love and esteem in which he is held by the members of his congregation.

Rev. H. A. Sheldon, of Grayling, and Dr. C. H. O'Neil, of Frederic, were here this week and purchased 480 acres of land in Grant township, which they will convert into a stock farm. The land was purchased of C. H. Prescott, Gardner & Richards and Thos. Low and comprises one tract. The farm will be in charge of Chas. Haight, of East Tawas.

"Star of Empire" is the subject with which Hon. Edward F. Burns, will entertain you if you will go to the East Tawas opera house, on Monday evening, February 20. Mr. Burns is one of the most entertaining young orators in the state and you will be well repaid by going to hear him.

N. C. Hartingh, of this city, Dr. F. C. Thompson, of East Tawas, and Judge Connine, of AuSable, with a party of Bay City gentlemen, are investigating mining property in Colorado this week. They will visit Cripple Creek, Denver, Colorado Springs and other points before returning.

Last Tuesday evening while a number of ladies were enjoying a coasting party, Mrs. Collie Johnson was thrown from a sleigh and suffered a fracture of her left leg, above the knee. She was removed to her home and Mrs. Darling and Conant called to set the limb, and she is doing as well as could be expected.

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## WHY

are we the leaders in

## STOVES AND RANGES

Because all our stoves are strictly up-to-date with the latest designs and most modern improvements, and the prices are the LOWEST IN THE STATE. We also have a complete line of other Hardware.

## Wrather & Rourke

Phone 90 East Tawas.

## CHILDREN'S FEET

Should always receive the most careful attention, and every careful mother will look well to the shoes which they buy for their babies. There is but one exclusive manufacturer of Baby Shoes, and that is the

## BUDD BABY SHOE CO.

We have just received a large consignment of these shoes and invite every mother in this and adjoining counties to call and get a pair for their baby.

## AS. E. Friedman,

"LEADER OF LOW PRICES,"

Phone 44, TAWAS CITY.

## A GRATIFYING GROWTH

One year ago February 1, 1905 I opened my jewelry store to the public and after summing up my year's business I find with each month a steady increase, which only honest goods and honest methods can assure. My business the past year has far exceeded my expectations. I wish to say to my many friends that I appreciate your patronage and thank you. In the future as in the past I will endeavor to give you more value for your money than you can find elsewhere. With my experience in the wholesale and manufacturing jewelry business and an honest desire to give full value for every dollar, others CANNOT undersell me. Once purchasing encourages calling again. Remember, I will be here to back up my guarantee. No goods kept in stock I cannot fully warrant. The coming season will find my stock fully double in size with new goods.

## W. B. MURRAY,

"The Returned Jeweler,"  
D. & M Watch Inspector.  
East Tawas, Michigan.

W. H. CARSON. J. M. EALY. JOHN McNAIR.

## CARSON, EALY, & CO., BANKERS.

EAST TAWAS, MICH.

Individual responsibility, One Million Dollars.

Transact a General Banking Business.

Four Per Cent Interest paid on time deposits.

Money to Loan on Farm Mortgages

In sums of from \$50 to \$5,000, on long time, at low rates and on liberal terms.

LLOYD G. McKAY, Cashier.

Our Entire Stock Of Ladies' Coats Are Now Being Closed Out At Cost. M. E. Friedman.

# FOR TWO WEEKS

You may have your choice of

SLEDS, SKATES, WASHING MACHINES, CHURNS or SEWING MACHINES

At Ten Per Cent. Off.

A Good Opportunity.

Come and See Us.

## F. H. RICHARDS & Co.

EAST TAWAS,

MICHIGAN.

# BETTER THAN EVER

In Quality and Assortment, coupled with Low Prices, is our stock of Groceries, Meats, Flour and Feed.

We have a lot of Good, No. 1 Baled Hay, that we can give you the right price on.

Our Delivery Wagon will make quick trips to any house in either of the Tawas.

## S. J. TAIT,

Phone 7.

East Tawas.

# THE BEST

We consider is none too good for our Patrons, Therefore our stock is always complete in

## GROCERIES PROVISION FLOUR FEED

The Choicest the market affords in these goods is our specialty, and you will find it Always Fresh and at Right Prices.

We also carry a complete line of

## SHELF HARDWARE.

We make a specialty of Tin, Sheet Iron and Copper Work.

## Stickney & Robinson,

PHONE 57

TAWAS CITY,

MICHIGAN.

## TAWAS HERALD

LEN. J. PATTERSON,  
PROPRIETOR.

Published every Friday and entered a second class mail matter.

Subscription Price, \$1.00 Per Year When Paid in Advance. If not so paid \$1.50 will be charged.

ADVERTISING RATES:—Display advertisements, 10 cents per inch; reading notices 5 cents per line. All resolutions of condolence, obituary poetry, cards of thanks or notices advertising entertainments for which an admission is charged, 5 cents per line.

Phone No. 68.

TAWAS CITY MICH., FEB. 3, 1905

### Russia's Reign of Terror.

Outward buffetings and sufferings from our home brewed blizzard have vied with inward emotional challenges made by the daily news installments, comprising the first act in the all too realistic tragedy of Russia's struggle against military despotism, blood baptized at St. Petersburg, Moscow and elsewhere. Whether or not the humble petition offered by Father Gopon and his followers was actually planned with a view to destroying popular faith in the "Great White Czar," or "Little Father," no one now doubts that the ruthless course adopted by the frightened ruler accomplishes that result.

While the onlooking world has stood aghast at the culminating atrocity, committed in the name of the Russian Czar, Jan. 22, when the priest-led loyal supplicants marching to humbly petition their trusted "Little Father" to grant those fundamental rights and liberties which belong to modern civilization were deliberately shot down by the waiting imperial soldiery and pursued with indiscriminate slaughter and brutality directed against the women and children as well as men, that terrible spectacle has served as a touch to the long smouldering revolutionary fires from one end of the Russian empire to the other. Nominally the marching petitioners were the striking workmen of St. Petersburg, but the real animus of their petition as put forth by their elegant leader, Father Gopon, was ostentatiously political and represented the aspiration of the social democrats and all liberal-minded men in Russia toward a representative form of government. It is asserted in some quarters that the test was deliberately planned by the socialists, with whom Father Gopon was known to be in sympathy, for the purpose of showing the populace what their Czar really was.

The military preparations made by the government under the personal direction of the Grand Duke Vladimir appear to have been so complete at St. Petersburg, where over 100,000 troops were promptly concentrated, that successful resistance at the capital was, for the time being, at an end, and the government was able to make light of the whole affair in a formal statement to the world. But that it was only the beginning of a general persistent revolutionary movement throughout Russia has been indicated by reports from many cities and provinces. Indeed the action of the Czar himself in keeping out of sight while appointing the notorious General Trepoff, hated for his severity as chief of police of Moscow, to be governor-general and virtual dictator of St. Petersburg, showed more than anything else the fears of the ruling bureaucrats and their determination to take extreme measures to suppress the revolution at the outset.

The rigorous policy of the government was shown again Tuesday, when troops fired on a column of petitioning strikers at Kolpino, on the way to Tsarskoe-Selo, where the Czar and his family were hiding. Many were killed and wounded. Sympathetic uprisings were reported simultaneously at ten important Russian cities, including Moscow, the ancient capital, and the revolt was most active in Poland and Finland. Already there was talk of a provisional government by prominent liberals and Zemstvo leaders. Gorki, the famous peasant novelist, and other prominent men who appealed to the authorities to grant reforms, have been arrested, by Dictator Trepoff. All dispatches are now strictly censored.

Saturday's developments in the Russian troubles show that the limit of the Czar's difficulties is yet far away. At Libau, from where the third Russian Pacific squadron was to have sailed to reinforce the fleet of Admiral Rojestvensky, there was a general mutiny among the crews and the sailing of the squadron was postponed. At Revel and at Riga immense crowds of revolutionists attacked the

police and troops and in both places both strikers and soldiers were killed in the conflicts which were continued for hours.

In Warsaw, the capital of Poland, 100,000 revolutionists are inaugurating a reign of terror and in hourly clashes with the authorities scores have been slain. None of the bakeries are running and the street car service is at a standstill.

It is estimated that in all European Russia there are not less than 2,000,000 of people arrayed in active opposition against the government and it is now conceded that should means not be found to allay the ferment within the next few days that an overthrow of the Romanoff dynasty is not only possible but is almost certain.

When the republican judicial convention meets at Oscoda on the 28th inst. Judge Conine will without doubt receive a unanimous re-nomination, as he will also receive a unanimous election.

The present legislature has hit upon a new scheme by which to keep the "dear people" informed as to the acts of their representatives at Lansing. All the party papers of the state are furnished with a weekly "syndicate" letter in which all their virtues are duly recorded.

An article in the February Review of Reviews, by H. Irving Hancock, describes "The Japanese Art of 'Jiu-Jitsu.'" The illustrations of the article are from photographs posed and taken especially for the purpose, and represent in a graphic way the principles of this unique method of self-defense. Instruction in the art has been made a part of the curriculum at Annapolis and West Point.

The city department stores have flooded the country with the annual batch of catalogues. These houses have formed a "trust" and now refuse to prepay express charges on goods. This was predicted some time ago by many country papers. It is only a matter of time until the department store mail order business will be a closed chapter. The country people are waking up to the fact that they can get better goods at a lower price of their home merchants. Besides if the goods are not as represented you are sure the merchants will make it right, and it won't take months to do it either.—E.

### Agonizing Burns

are instantly relieved, and perfectly healed by Bucklen's Arnica Salve. C. Sivenbark, Jr., of Norfolk, Va., writes: "I burnt my knee dreadfully that it blistered all over. Bucklen's Arnica Salve stopped the pain, and healed it without a scar." Also heals all wounds and sores. 25c at G. S. Darling's and J. E. Dillon's drug store.

A daily paper for \$1.00 a year is something the public has long desired. The Chicago Daily Review, a delightful family daily giving all important news, market reports and many interesting departments for men, women and children, is sent to subscribers for \$1 a year, 75 cents for 6 months 50 cents for 3 months. Subscribe today, address, The Chicago Review Co., 399 Coca-Cola Building, Chicago, Ill.

### Poisons in Food.

Perhaps you don't realize that many pain poisons originate in your food, but some day you may feel a twinge of dyspepsia that will convince you. Dr. King's New Life Pills are guaranteed to cure all sickness due to poisons of undigested food or money back, 25c at G. S. Darling and J. E. Dillon's drug store. Try them.

## Congress Playing Cards.

Cards of quality.

For up-to-date card parties. Smooth, thin and springy. Dainty pictorial designs. Rich colors. Gold edges. No others are so good.

FOR SALE BY  
DEALERS  
EVERYWHERE.

128-page Hoyle sent prepaid, for two Congress pack wrappers and name of dealer from whom packs were bought. Address, U. S. Playing Card Co., Cincinnati, O.

## BUSTER BROWN

BLUE  
RIBBON  
SHOES  
FOR  
BOYS  
AND  
GIRLS.



## BUSTER BROWN SHOE

FOR BOYS,

Can't be beat for Quality and Finish.

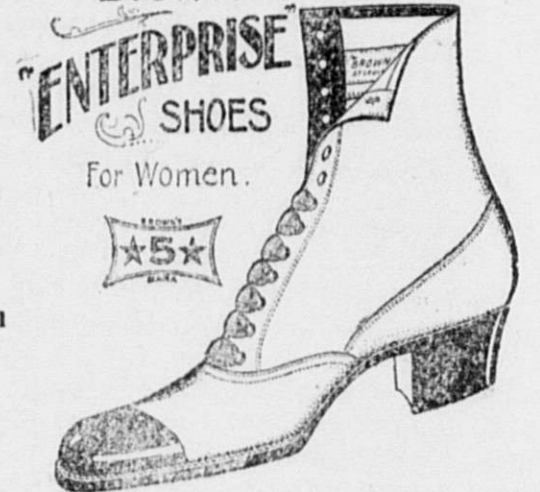
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## OUR LADIES' Enterprise

Is the Best Shoe shown for the money.

## \$1.75.

The Brown Shoe Co's



Try our Shoes. We can do you good.

## MENS 1-BUCKLE HUFON RUBBERS, \$1.15.

## C. H. Prescott & Sons,

Phone 41.

Tawas City,

Michigan

# Eating is Satisfaction!

When You Have

## GOOD GROCERIES.

We supply the kind that makes a Good Living possible. Do you know what to eat? Take our word for it when you are told we have Good Groceries, and then you will know what you get. Our prices guarantee you satisfaction and economy in purchasing. We have everything that you want in the Grocery line.

## GRAIN, FLOUR FEED AND SHELF HARDWARE.

## F. W. MARZINSKI,

The Accommodation Grocer,

Phone 68-3.

Tawas City.

## A VISIT TO A NEAR BY KINGDOM.

Prof. C. D. SMITH, of the M. A. C.

### CHAPTER V.

Plant roots do not spread themselves over all the surfaces of the soil kernels but attach themselves closely to the sides of the soil kernels with which they do come in contact. Water therefore, has to move through the soil to supply these roots and rootlets, and we must now consider the movement of the soil water in normal fertile soils.

Naturally, after a rain the water that soaks into the soil finds its way downwards, in obedience to the force of gravity, through the most available channels. These usually are cracks in the hard soil, or holes left by mice or by the decay of roots, or on cultivated areas, the vacant channels between the soil kernels. The rapidity of the movement depends altogether on the character and condition of the soil. After a prolonged drouth, the soil may be so full of air and so freed from water films over the kernels near the surface that the soaking in is greatly hindered.

Through coarse sand the water goes downward much more rapidly than it does through clay because the spaces between the soil particles are larger, allowing more room for the air to escape and causing less friction between the downward water flow and the ascending air.

After the soil is saturated and the rain over, there are still movements of the water in the soil. The water not held in the films about the soil particles, tends to work downward until the larger channels in the soil are emptied and left for air and the growth of roots. Naturally the force of gravitation pulls on the water held to the soil kernels by surface tension or capillary attraction and the thickness of the film depends on the balancing of the two opposing forces. The water falling in the rain therefore supplies these soil films and the remainder keeps descending in the soil with more or less rapidity according to the size of the soil kernels and the abundance of the rainfall until it reaches a depth where it finds the vacant spaces between the soil particles entirely filled with water. This plane where the soil is entirely filled with water is called the water table. If you examine a well you note that the water comes up to a certain point. It is safe to assume that the water in the soil surrounding the well stands at about the same level, unless, of course the well be one driven into some rock formation below the soil and finding its source of supply at a distance and the water conveyed to the well through the rock into which the pipe is driven. In all wells dug and bricked or cased on, the level of the water shows about the point below which the soil is entirely filled with water.

Do not think that this water, lying sometimes twenty and often thirty feet below the surface of the ground, is therefore lost as far as the crops are concerned. The roots of crops take away much water, but more is dried up, evaporated into the air, at the surface under ordinary crop conditions. As soon as a rootlet removes some water from the film surrounding a soil kernel, it lessens the thickness of the water film at that point. Instantly there is a flow of water toward where the film is thinnest and from the point where it is thickest. There is a tendency to keep the films at the same level, at the same distance above where the water fills the soil, of equal thickness, and thus when the rootlet removes water and thins the film water rushes in from all sides to take the place of the water removed and thus restore the even thickness of the film. Naturally the water to supply the amount evaporated from the surface must come from below, and on a hot, dry day there must be a continual movement upward of the soil water.

You will be surprised to learn how much water is dried out of our fields on hot days, and especially on hot and windy days. In one case this same Professor King, from whose work we have learned so much and shall learn more, found that in a certain field where the water table, or the top of the water filled soil was five feet below the surface, and the soil a clay loam, there was a loss through the surface of over nine pounds per square foot in seven days. Remember how many square feet there are in an acre, and note that a loss of just one pound per square foot means a loss of over twenty tons per acre, and that therefore the loss of the nine pounds was a loss of almost two hun-

dred tons per acre. Where did this water, thus pulled out of the surface of the ground come from? It came from below the surface, from down deep in the soil and was moved upward through these water films surrounding the soil particles and kernels. As fast as the films were made thinner by this evaporation at and toward the surface, the water kept moving upward in these films in the vain but continuous effort to keep the water films of even thickness.

How far can water be fitted in this way, through these films? That depends mainly upon the size of the soil particle, and no definite answer can be given. The roots of our common crops do not get much of their food and water supply from below four feet deep and it has been shown that this upward movement extends as far down as four feet. This upward movement too is rapid enough to exhaust the available water supply of our field soils in a few weeks or even in a few days in the dry and hot weather of August, if not checked. It is the business of the man cultivating the soil to check this upward flow or too little water will be left in the soil to make his crops grow.

You will notice that, to have this upward flow take place, the soil kernels must be in close contact so that the water film over one kernel, continues, without a break, over the nearest one. The kernels must be in close contact over some considerable part of their adjacent surfaces. It is evident therefore that if we separate the soil kernels with a plow or a cultivator and do not pack them down closely together again, the upward flow of the water is at once checked and that this stoppage of the flow continues as long as the kernels are thus kept far enough apart to prevent the water film being continuous from one to the other. Thus plowing a field cuts off a layer of earth as thick as the plowing is deep and breaks the connection between this layer and the earth below and thus prevents the loss of water at the surface. Where half of a field was plowed at the beginning of "a dry spell," and the other half a week later, it was found that, at the date of plowing the second half, the piece plowed first contained enough more water than the piece left unplowed to equal an eighth of all the rainfall of the season.

The rains in Michigan usually come fairly early in the spring and it not infrequently happens that we get but little rain during May and early June just when the freshly sown crops most need it. The rule ought therefore to be to plow the oat and corn fields as early in the spring as possible and the ground is fit to prevent this loss of water. Moreover when the plowing is done just late enough to avoid destroying the soil kernels, yet early enough to prevent the loss of water, the after treatment is made much easier, the surface is less lumpy and it is not nearly as difficult to so harrow and cultivate it as to get just the right seed bed. The garden and the potato field should be plowed early too, first to avoid the loss of water; second to allow the weed seeds to sprout, so that you can kill the young weeds with the harrow before planting; third to allow the chemical processes to go forward in the aerated soil, making the plant food more available to the crops, and fourth, to allow the ground to settle again to place so that the upper layer, torn off from the earth beneath by the plow, may secure its supply of water from below leaving it to the farmer to check the upward flow of water at a point so near the surface that the seed sown by the drill but two inches below that surface may secure water enough for their germination.

### Fraud Exposed.

A few counterfeiters have lately been making and trying to sell imitations of Dr. King's New Discovery for consumption, coughs and colds, and other medicines, thereby defrauding the public. This is to warn you to beware of such people, who seek to profit, through stealing the reputation of remedies which have been successfully curing disease, for over 35 years. A sure protection to you is our name on the wrapper. Look for it, on all Dr. King's, or Bucklen's remedies, as all others are mere imitations. H. E. BUCKLEN & Co., Chicago, Ill., and Windsor, Canada.

**For Sale.**—A five year old Lamplighter mare, sound and good driver. Inquire of Stickney & Robinson.

### Future of Upper Michigan.

The announcement from Monominee that a wholesale grocery firm of that city has purchased several thousand acres of cut-over pine lands which it proposes to fence and stock with cattle is of more importance to the people of Michigan than they realize. Twenty-five years from today probably similar announcements will have in the meantime represented aggregate capital of millions of dollars. We believe that within that time thousands upon thousands of acres of unclaimed and privately owned land which today is considered practically worthless, will have been diverted to the raising of cattle and sheep and ultimately northern Michigan is to become one of the greatest stock-raising sections in the country.

When the lumbermen went over these lands and removed the rich crust of timber wealth it was believed that what they left behind was not worth paying taxes on. Vast sections of supposed barren plains were reverted to the state and for years the stillness of the jack-pine forests was only broken by an occasional shot from the hunter's gun. But there are always by-products to any industry and when necessity compels they are rendered into use. After the lumberman came the woodsman in search of marketable timber which has been skimmed over and along with him came the inevitable homesteader who plants himself on any land that can be had for nothing. Potato raising and agriculture on a limited scale and berry-harvests more than kept the wolf from the door. Finally came the prospector with visions of wealth in some form from the stubborn and un-productive soil. The sight of miles upon miles of land, watered and provisioned for countless game and animals that roamed the forests, streams and lakes lying unused and tenantless disturbed him greatly. Surely this country could be made to yield wealth in some form. He noticed that its sparse settlements and farms invariably contained a few sheep and cattle and that they thrived.

Here then was the secret. The rejected, despised ex-timber lands could be converted into stock farms. And forthwith began the metamorphosis that is rapidly transforming barren upper Michigan into a cattle and sheep-raising country. Already whole sheep farms have been transferred from Montana to Michigan. The rigor of western winters has made the sheep industry of Montana a precarious business, while the mild and settled climate of Michigan assures the stock ample protection. In Oscoda, Alcona, Iosco and Ogemaw counties there are sheep and cattle farms varying in size from a few hundred to 50,000 acres. Other counties in that section and also in the upper peninsula are also well supplied with stock farms. The industry has passed from the experimental to the established stage; cattle and sheep are being profitably raised in large numbers for shipment, and today Michigan is assured of becoming one of the leading stock-raising states. Sheep are proving more remunerative than cattle and breeders of the preceding claim that in a few years Michigan will outstrip many of the now leading sheep-states. Capitalists should investigate the opportunities in this direction. They will be surprised at the result. The jack-pine lands of the north are to make hundreds of people wealthy. —Saginaw Evening News.

### TEACHERS.

The examinations in reading for the year beginning July 1, 1904 will be based on the following selections.

March, 1905, "Silas Marner" George Eliot.

June 1905, "Ode to a Skylark"—Shelley.

August, 1905, "Prisoner of Chillon"—Byron.

October, 1905, "Oration at the Laying of the Corner Stone of Bunker Hill Monument"—Wedster.

EIGHTH GRADE.

May, 1905, "Barefoot Boy"—Whittier.

Very respectfully,  
J. A. CAMPBELL.

### Grave Trouble Foreseen.

It needs but little foresight, to tell, that when your stomach and liver are badly affected, grave trouble is ahead unless you take the proper medicine for your disease, as Mrs. John A. Young, of Clay, N. Y., did. She says: "I had neuralgia of the liver and stomach, my heart was weakened and I could not eat. I was very bad for a long time, but in Electric Bitters, I found just what I needed, for they quickly relieved and cured me." Best medicine for weak women. Sold under guarantee by G. S. Darling and J. E. Dillon druggists at 50c a bottle.

### Notice.

Ferdinand Market has been appointed township treasurer for Reno township and those having business with him can call on him at his residence, on s. w. 1/4 of Sec. 23, or address him at Whittemore, Mich.

### MORTGAGE SALE.

Default having been made, for more than 90 days, in the payment of the money secured by a mortgage, dated April 29th, 1898, executed by Andrew Murray and wife, of Tawas City, Mich., to the Beck Maltng & Brewing Co., a corporation of Alpena, Mich., which mortgage was recorded in office of register of deeds in and for Iosco county in said state, on May 2nd, 1898, in Liber 15 of mortgages on page 612; upon which mortgage there is claimed to be due at this date, for principal and interest, \$1002.79, together with the legal attorney fee, and no suit or proceedings having been instituted for the recovery of said debt. Now, therefore, notice is hereby given that by virtue of the power of sale in said mortgage contained and in pursuance of the statute in such case made and provided, said mortgage will be foreclosed by a sale of the premises therein described, at public auction, to the highest bidder, at the front door of the court house in said Tawas City, said court house being the building in which the circuit court for said county is held, on Saturday, April 15th, 1905, at 2 o'clock p. m. Said premises are described as the southwest corner of lot five (5) in block three (3), according to the recorded plat of the village of Tawas City.

This sale will be made subject to a prior mortgage on said premises, held by the National Loan & Investment Co., of Detroit, Mich., on which mortgage there was due and unpaid, on Dec. 12th, 1904, \$140.87.

Dated, Alpena, Jan. 7th, 1905.

The BECK MALTING & BREWING CO., MORTGAGEE, BY JOHN BECK, Pres.

W. T. SEABOARD, ATT'Y for mortgagee.

### Order of Hearing.

STATE OF MICHIGAN, )  
COUNTY OF IOSCO, ) SS.

At a session of the Probate Court for said County, held at the Probate office, in the city of Tawas City on the ninth day of January in the year one thousand nine hundred and five. Present, Hon. Alfred R. Weir, Judge of Probate. In the matter of the estate of Friedrich Schaefer, deceased.

On reading and filing the petition duly verified of Fautine Bischoff praying among other things that administration of the estate of Friedrich Schaefer deceased be granted to Herman Donner or some other suitable person and that such other and further proceedings may be had in the premises as may be required.

Thereupon it is ordered, that Monday, the sixth day of February next, at 10 o'clock in the forenoon, be assigned for the hearing of said petition, and that the heirs at law of said deceased, and all other persons interested in said estate are required to appear at a session of said court, then to be holden in the Probate office, in the city of Tawas City and show cause, if any there be, why the prayer of the petitioner should not be granted. And it is further ordered, that said petitioner give notice to the persons interested in said estate, of the pendency of said petition, and the hearing thereof by causing a copy of this order to be published in the Tawas Herald a newspaper printed and circulated in said county, three successive weeks previous to said hearing.

ALFRED R. WEIR,  
Judge of Probate.

### D. & M. Ry. TIME TABLE.

In Effect Sept. 11, 1904, Tawas City.

#### TRAINS GOING SOUTH.

Alpena	Exp. Daily	Det. Exp. Daily	Way Exp. Daily	Frt. Exp. Sunday
Alpena leave	7:00 a.m.	4:35 p.m.	6:15 a.m.	
Ossineke	7:29	5:06	6:37	
Black River	7:48	5:24	7:05	
Alcona	7:57	5:32	7:14	
Sturgeon Point	8:02	5:37	8:35	
Harrisville	8:09	5:43	9:00	
Greenbush	8:20	5:54	9:10	
Lincoln Junc.	8:32	6:06	9:25	
Aus'bl, Osc'da	8:43	6:17	10:00	
East Tawas	9:10	6:40	11:00	
Tawas City	9:15	7:05	11:10	
Marks	9:25	7:15	12:01	
Emery Junc'n	9:36	7:27	12:30	
Farmer	9:49	7:37	1:30	
Omer	10:03	7:50	1:48	
Pine River	10:12	7:58	2:10	
Sarganing	10:18	8:05	2:10	
Pinconning	10:29	8:16	2:50	
Michie	10:35	8:22	3:40	
Linwood	10:47	8:35	4:40	
Bay City arr.	11:13	9:00 p.m.		
Det. P. M. arr.	3:15 p.m.	7:45 a.m.		

#### TRAINS GOING NORTH.

Alpena	Way Exp. Daily	Det. Exp. Daily	Frt. Exp. Sunday
F. & P. M.	No. 2	5:30 p.m.	2 a.m.
Detroit, leave	8:30 a.m.	10:40	7:55
Bay City leave	12:45	11:12	8:55
Linwood	1:12	11:25	9:45
Michie	1:23	11:32	9:45
Pinconning	1:30	11:43	10:18
Sarganing	1:41	11:53	10:45
Pine River	1:57	12:03	11:40
Omer	2:12	12:18	12:30
Farmer	2:25	12:33	1:30
Emery Junc't.	2:45	12:55	2:25
Tawas City	2:50	1:00	2:50
East Tawas	2:50	4:10	4:40
Aus'bl, Osc'da	3:15	4:37	5:00
Lincoln Junc.	3:24	4:47	6:06
Greenbush	3:47	5:00	6:35
Harrisville	3:57	5:11	7:10
Sturgeon Point	3:58	5:18	
Alcona	3:58	5:24	7:40
Black River	4:06	5:36	8:40
Ossineke	4:24	5:52	8:40
Alpena arrive	4:55 a.m.	6:20 a.m.	9:30 p.m.

Trains 3 and 4 run daily except Sunday.

Trains 9 and 10 run daily.

Trains 3 and 4 have parlor cars between Bay City and Alpena; extra charge 25c. Train 9 has Pullman sleeper, Bay City to Alpena. Train 10 has Pullman sleeper, Alpena to Detroit. Connections made at Alpena for Cheboygan and intermediate points.

T. C. WINNETT, G. F. & P. A., Bay City.

W. G. MACEDWARD, D. P. & F. A., Bay City.

GEORGE WAKEMAN, Agent, Tawas City.

### 60 YEARS' EXPERIENCE

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### MONEY BACK IF IT FAILS.

### Price 50c and \$1.00. Trial Bottle Free.

## At The RED CROSS PHARMACY THIS WEEK:

A Box of fine White Tar Soap, 3 cakes, and an Aluminum Comb, all for

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This soap is Absolutely Pure and is excellent for shampooing and for chapped hands.

WEST'S ALMOND CREAM, also good for chapped hands, regular price 25 cents bottle, this week only

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School Supplies, Confectionery and Valentines.

UNDER THE RED CROSS.

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Phone 164, Tawas City.

You Want the Best.

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I have just opened and have on sale a full and complete line of Undertaking Goods. I am in a position to take entire charge of any funeral that may be entrusted to me, and guarantee first class service and attention. Embalming by a registered embalmer free of charge where body is to go by transit. A good, up-to-date hearse in attendance. Night or day calls promptly attended.

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