

Our First Annual Linen and White Goods Sale!

Will begin Thursday, Feb. 6,
and continue 20 Days.

IT IS A SALE YOU SHOULD ATTEND!

Linens, White Goods, Crashes,
Towels, and all Winter Goods
will go at less than their value.

DAVIS, KISHLAR & CO.,

OPERA HOUSE,

EAST TAWAS, - MICHIGAN.

PETER EVERTZ

Licensed Embalmer.

FURNITURE. PIANOS.
ORGANS. TOYS.
SEWING MACHINES, ETC.

TAWAS CITY.

MICHIGAN



WELL!

I Should
Smile!

And so would
you, if you
traded at

The CORNER GROCERY,

Where you get First-Class
Goods at Lowest Prices

A full line of School Tablets,
Slates, Pencils, Pens and Pen
Holders.

Cranberries and Dried Fruits of all kinds.

SHELF HARDWARE,
BICYCLE REPAIRING,
FISHING TACKLE.

GARBER & STICKNEY,

'Phone 57,

TAWAS CITY, MICHIGAN.

EAST TAWAS HAND LAUNDRY.

TELEPHONE, No. 4.

Tawas City Branches { N. Brabant's Barber Shop.
Geo. W. Mount's Store.

Our Work is Guaranteed.

SCHOOL COLUMN.

By JOHN A. CAMPBELL,
Co. School Commissioner.

VALUE OF MANUAL TRAINING.

A feeling that our schools and colleges educate our young people to be above manual labor, exist in the minds of some of our best citizens.

While this may be true in a number of cases yet in my opinion the majority of our people deem it an honor to perform manual labor.

Idleness is a curse that breeds discontent, is continually lowering the standard of excellence both moral and physical.

That man should gain his bread by the sweat of his brow is a curse changed to a blessing.

The doctor, lawyer, clergyman and the teacher need the benefit of an early training in manual labor quite as much as he who labors with his hands all his life. Labor is the foundation of clear thinking of clear thinking, and good health. All school work should be real. Real work draws the mind from debasing influences to a higher plane of usefulness.

Work well done strengthens the intellect, develops the moral nature, makes each person a better neighbor, a truer friend.

Teachers to the best of your ability join the work of the head and skill of the hands in your class rooms. Seek to develop in harmony the powers of body, mind and soul. If you wish to make the boy a good citizen train him to work,

EDUCATIONAL MAXIMS.
Sense knowledge before thought knowledge.

Concrete before the abstract.
From the known to the related unknown.

HISTORICAL RECREATIONS.
Who were: The old man Eloquent; Old Hickory; The Mill Boy of the Slashes; Old Reliable; The Swamp Fox; Sage of Monticello; The Quaker Poet; Honest Abe; The Little Giant; Sergeant Molly; Fighting Phil; Old Salamander; Pathfinder.

LITERARY RECREATIONS.
Who wrote: The Courtship of Miles Standish; Last of The Mohicans; Ben Hur; Little men and Little Women; Snow Bound; Planting the Apple Tree; David Harum; Richard Caryl; Black Beauty; Scarlet Letter; Hiawatha.

TRY THESE.
I Into what periods may American literature be divided?

II Give the characteristics of the literature of each period?

III Name five leading writers of each period and a leading work of each.

IV Give a brief account of the life and writings of H. W. Longfellow.

V Name your favorite author and reasons for your choice.

VI What benefit have you derived from reading and studying masterpieces?

CURRENT EVENTS.

I What exposition is now being held? When and where will the next be held?

II What is a primary election law?

III Who is Prince Henry? Why prominent now?

IV Who are: Judge Taft, Tillman, McLaurin, Marconi, Carnegie, DeWet, Kitchener, Joseph Chamberlin, Lord Roseberry, Santos-Dumont? Why prominent now?

V What changes have been made in the president's cabinet?

VI What questions before Congress are we much interested in? Why?

VII What two nations have formed an Alliance? Why?

VIII Discuss the Nicaraguan Canal as to advantages, cost, mode of construction and possible route.

Stops the Cough and Works off the Cold.

Laxative Bromo Quinine Tablets cure a cold in one day. No Cure, no Pay. Price 25 cents.

Growth of Crime.

At the joint meeting of prison boards last week at Jackson some interesting statistics were presented in reports of Wardens Vincent, Freeman and Fuller. At Jackson prison, Jan. 1, 1901, there were 713 men; Jan. 1, 1902, 736 men, an increase of 23. During 1901 226 were received on sentence; returned from parole, 5; from escape, 1; from Ionia, 2; total, 224; 167 were discharged, 10 pardoned, 17 paroled, 1 escaped, 6 died, 9 transferred to Ionia, 1 transferred to Detroit house of correction; total going out, 211. Jan. 1, 1902, 46 men were out on parole. Not counting paroled men, etc., there were 226 men received and 167 discharged during last year, showing an increase in crime. At present 555 men are under contract in the prison. These earned \$65,006.15 during the year, or \$127.46 per man. The receipts in 1901 were \$112,721.41; disbursements, \$113,565.50. The prison earned \$88,721.41, being within \$24,000 of being self supporting.

At Ionia prison the disbursements for 1901, were \$72,922.55, and the earnings \$30,857.16. The prison has 45 officers. There are now 236 men employed on the shirt contract and 240 cells are vacant.

At Marquette the prison ran \$32,000 behind its receipts last year. Jackson prison drew less from the state treasury last year than the other smaller, but more expensive, institutions. The average cost of food per day is 9 to 11 cents per man.

Saved Him From Torture.

There is no more agonizing trouble than piles. The constant itching and burning make life intolerable. No position is comfortable. The torture is unceasing. DeWitt's Witch Hazel Salve cures piles at once. For skin diseases, cuts, burns, bruises, all kinds of wounds it is unequalled. J. S. Gerall, St. Paul, Ark., says: "From 1865 I suffered with the protruding, bleeding piles and could find nothing to help me until I used DeWitt's Witch Hazel Salve. A few boxes completely cured me." Beware of counterfeits. Dr. C. A. Wakeman.

Lookout for Them.

The latest scheme to separate the honest farmer from a portion of his bank account, told by the Davison Index, as follows. A number of farmers near here have been swindled out of sums aggregating several thousand dollars recently by a couple of strangers, who represent themselves as wealthy men from Chicago or some other large place, and offer \$5 for the privilege of hunting on the farmer's premises. Consent being given, they paid the \$5 and then wrote out a receipt for the farmer to sign. The receipt turned up later as a promissory note for \$500, and as it was in the hands of a third party payment had to be made.

Clerk's Wise Suggestion.

"I have lately been much troubled with dyspepsia, belching and sour stomach," writes M. S. Mead, leading pharmacist of Attleboro, Mass. "I could eat hardly anything without suffering several hours. My clerk suggested I try Kodol Dyspepsia Cure which I did with most happy results. I have had no more trouble and when one can go to eating mince pie, cheese, candy and nuts after such a time, their digestion must be pretty good I endorse Kodol Dyspepsia Cure heartily." "You don't have to diet. Eat all the good food you want but don't overload the stomach. Kodol Dyspepsia Cure digests your food." Dr. C. A. Wakeman

Reduced Rates to the West.

Commencing March 1st and daily thereafter, until April 30th, 1902, the Wisconsin Central Ry. will sell settlers' tickets from Chicago to points in Montana, Idaho, Oregon, Washington, and British Columbia at greatly reduced rates. For detailed information inquire of nearest Ticket Agent, or address H. W. Steinhoff, D. P. A., Saginaw (W.S.) Mich.; or Jas. C. Pound, Gen'l Passenger Agent, Milwaukee, Wis.

Yale-Harvard Athletics.

Yale and Harvard have opened negotiations looking to the establishment of a new agreement in all branches of athletics for a term of several years. The plan for the new agreement is informal as yet, but the general wishes of each university are known to each other. At Yale there is a universal wish for a renewal of the five year agreement signed by Walter Camp for Yale and Billy Brooks for Harvard in 1897. This will expire March 1, 1902, and it is expected that before that date the new agreement will not only be signed by official representatives from the two universities, but will be heartily ratified at mass meetings of Yale and Harvard students.

During the five years of athletic relations just passed the Cutts case of the last football season has been the only incident which has caused any decided unpleasantness, but it is believed that before another agreement is signed a repetition of the case will be impossible. Harvard opened the negotiations looking toward a new agreement.

The history of Yale-Harvard contests shows that in five years just closed Harvard has excelled in baseball and track athletics. In rowing Yale has excelled her Cambridge rival. The crews met four times, as Yale had her crew at Henley in 1896, the last year of the agreement. Yale has won three of these four races. On the track the record is three victories in five years for Harvard. In baseball Harvard men have made their best showing, having won three of the four annual series with Yale played under the five year agreement. In football the record is most unique. Two of the games played were ties, neither side scoring. Yale won only one of the remaining games, but this was by the largest score of all—29 to 0.

The McGovern-Sullivan Fight.

Terry McGovern and Dave Sullivan will fight before the Southern Athletic club of Louisville instead of before the Yosemite Athletic club of San Francisco. Jim Kennedy withdrew his offer on behalf of the Frisco club because of friction in the matter of securing a license.

Sam Harris, for McGovern, and Tom Sharkey, for Sullivan, at a conference in New York accepted the offer of Tim Hurst on behalf of the Louisville club of 60 per cent of the gross receipts. The date for the bout was fixed for the afternoon of Washington's birthday, Feb. 22.

Terry McGovern and Dave Sullivan were both present when the new arrangements were made, and McGovern is now training at Hempstead, N. Y. As the fight was put off three weeks from the time originally scheduled, Jan. 30, Terry did light work until a few days ago. Sam Harris does not want McGovern to do more than three weeks' hard work. Sullivan is doing his work at Spike Sullivan's, Homecrest, near Sheepshead Bay, N. Y.

The American Derby.

The meeting at Washington park, Chicago, will begin Saturday, June 21, and it will be rich in prizes. The club will add \$20,000 to the American Derby and thus make it one of the richest three-year-old races in the world. It takes nerve to do this. The entries closed Jan. 15 with the secretary, James Howard.

A CARD.

We, the undersigned, do hereby agree to refund the money on a 50 cent bottle of Greene's Warranted Syrup of Tar if it fails to cure your cough or cold. We also guarantee a 25 cent bottle to prove satisfactory or money refunded.

JAS. E. DILLON
G. S. DARLING, M. D.
H. A. GOODALE, M. D.

CARSON, EALY & CO., Bankers,

East Tawas, Mich.

General Banking and Loan
Business.

Collections a Specialty!

Money to Loan on Real
Estate.

Long Time! Low Rates!
Liberal Terms!

W. H. CARSON, JOHN MCNAIR,
J. M. EALY, Sheffield,
Caro, Mich. Penna.
F. C. ZIMMERMAN, Cashier.

Individual Responsibility
\$1,000,000!

Interest Paid on Savings
Deposits.

LOU M. BENTON,

Piano and Reed Organ
Instructors.

Terms moderate. In Tawas City Saturdays
at "Courtland," Residence, East Tawas.

DR. FRED'K C. THOMPSON

East Tawas, Mich.

Professional and Consultation Calls
Promptly Attended.

Office Hours:
8 to 9 a. m.
2 to 4 p. m.
7 to 8 p. m. Office Opposite P. O.

A. H. COWIE,

Physician and Surgeon.
HALE, MICH.

All Professional Calls Promptly Attended.

J. H. BOTZ, D. D. S.,

Dentist of East Tawas Mich., will be
in his East Tawas office, Friday, Sat-
urday and Monday of each week. Of-
fice next door to Emery's Photo Gal-
lery, EAST TAWAS Michigan

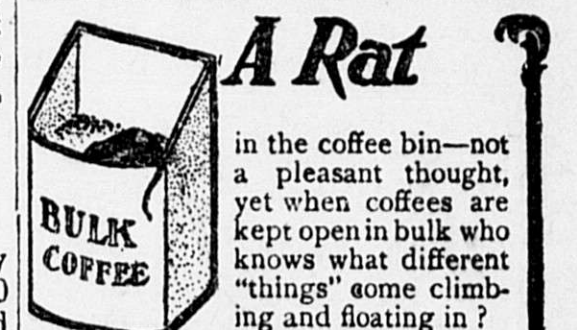
EDWIN RAWDEN,

ATTORNEY.

East Tawas, Michigan.
Graduate of the U. of M.

Reliable Fire Insurance.

"The Connecticut Fire Insurance
Company," of Hartford, Conn.
HENRY HANSON, Agent.
Opera House Block, East Tawas.



A Rat
in the coffee bin—not
a pleasant thought,
yet when coffees are
kept open in bulk who
knows what different
"things" come climb-
ing and floating in?

Lion Coffee

put up in sealed packages insures
cleanliness, uniform quality,
freshness and delicious flavor.

YOU HAVE IT! WE WANT IT!

And we will pay cash to
get it! What is it?

5000 Pounds of Good Butter!

1000 Dozen of Fresh Eggs!

An Unlimited Quantity Dressed Pork!
Hogs that dress from 150 to 175 pounds

For the above we will pay the Highest
Market Price in CASH!

'Phone 90.

THOS. GALBRAITH

TAWAS HEARLD.

An Independent Newspaper published every Friday at

TAWAS CITY, MICHIGAN.

L. J. PATTERSON,

Editor and Proprietor.

Subscription Price \$1.00 Per Year, if Paid in Advance, Otherwise \$1.50 Per Year.

Entered at the Postoffice at Tawas City, Mich. as Second Class Mail Matter

'Phone No. 68.

Between entertaining Prince Henry and the Tillman-McLaurin "scrap" Washington has been a lively place for the past week.

The Philippine tariff bill was passed by the senate Monday by a strict party vote. The debate on this bill was the most exciting witnessed in the senate for many years.

The Rochester Post-Express, one of the ablest Republican papers in the United States, rightly says if we must make door mats of our naval officers let us do it with those who lose or never fight and not with those who win.

Do honor to Prince Henry? Why, of course. Honor him as we ought to honor any distinguished and worthy gentleman, and representative of state just that and no more. There is no use in saying that his coming over here will give occasion for American snobbery to show what a dangerous fool it is. This is too apparent already. Coming princes cast their shadows before.—Word and Works

A liability of a township for improperly kept highways has been recently before the circuit court of Isabella county. An action was brought against a township for \$10,000 for injuries received because of a defective road. The jury brought in a verdict of \$2,000 damages. The complainant in the case was drawing bolts, when one of his wagon wheels fell into a rut, throwing him in such a manner as to break a leg and otherwise injure him. Negligence on the part of the township to keep the roads in good order was proved.

The question whether man shall be allowed to fish on Sunday or not has just had a very lively discussion in the Massachusetts legislature. The existing law prohibits it, and the effort to change it was defeated by a vote of 100 to 80. As a matter of fact, nobody pays any attention to the law, and the debate had the marks of not being very serious on either side. The ablest argument made was by a defender of the law, who maintained that the object of it was to give a day of rest to the fish, in which they could take necessary food without danger of swallowing a hook.—Ex.

Those who understand the art of advertising invariably succeed and amass fortune. There is not a single exception to this rule. Advertising, to be successful, should not be spasmodic and intermittent, but continuous. There is no such word as fail to the persistent advertiser. Should he expect his results from a single advertisement it is no more reasonable than a man would be to expect favorable results from taking down his shutters one day in every month and keeping them closed the remainder, or than a man who shrouds his signs of business except on particular days, and for long intervals of time.

Judge Josiah Turner, of Owosso, for more than twenty years judge in the old Genesee circuit, and now nearly ninety years old, still takes a keen interest in judicial matters around the state, and keeps in touch with prominent court proceedings. In the days when he was on the bench, such a thing as a board of pardons was not heard of, nor were there so many criminals being turned out of the state penal institutions each year as there are today. While he thinks the board of pardons is a nice thing for the governor, relieving him of much worry and work, Judge Turner holds that the pardoning business is being overdone in Michigan.

Whittemore.

Fine! fine weather, but we fear it is only lent.

Henry Funk, of Tawas City, was in town Monday.

Thos. G. Lisle will start his shingle mill, March 1.

P. E. Shien, state trespass agent was seen on streets lately.

Dan McDonald, of Omer, was in town on business one day last week.

W. A. Sperl came down from Onaway and spent a day or so with his family.

V. VanBuren, of Idaho City, Idaho, is spending a few days visiting with his daughter, Mrs. Frank Honton.

Henry Sheppard and wife of Bay county, drove up last week and spent a few days with Mrs. S.'s parents, Mr. and Mrs. Eli Dutton. They returned Monday.

Our township treasure is hustling around among the farmers and other delinquent, as under the new law he must make his return to the county by March 4th.

The revival meetings held in the M. E. church by Rev. Beatty, have been well attended, and several people have been converted, and come out and made a stand for God. Let the good work go on.

There are unspeakable signs of spring on our streets. The frogs are not out but candidates are very much in evidence on the sunny side of the streets these pleasant afternoons. There are many aspirants for the mantle of Manard Butts.

The meetings which the Rev. H. G. Beatty, has been holding here and which were very interesting and well attended, were brought to a sudden close on Monday evening, by the sudden illness of Mrs. Beatty, much to the regrets of all concerned.

The good and law abiding people at Canfield P. O. and vicinity were greatly alarmed one day last week by what they first thought to be the hawling of a pack of hungry wolves, but on investigation it proved to be N. G. Shaw, of this village, who, as was announced last week was with a party fishing at Londo Lake. He had by his very clever and skillful maneuvering of the decoy, enticed a large fish to partake of same, but Mr. Shaw was ready for his game and with the agility that few men possess, landed his steel to throw it out upon the ice. From that moment he lost all control of himself and the boys says that the yells of Shaw were most terrifying to hear. They brought him home the next day. Shaw says he thought the fish would weigh about 30 pounds when he landed him on the ice.

Hale.

S. B. Yawger has been away on business this week.

Elmer Odell, of Siloam, was in our village on business Tuesday.

James Burchman lost his pocket book last Monday. It was a fat one.

The lack of snow has worked much damage to the wheat crop in this vicinity.

Township Treasurer Nunn is doing well with taxes this year. They are nearly all in.

S. B. Yawger took a drive last Sunday with his new team. It took two men to drive them.

C. Livingstone and wife, entertained H. Granger and wife, of the Tawas Herald, last Sunday.

Alex Ross, of East Tawas, has been in this vicinity this week, as agent for the Alpena Marble Works.

Mr. Grim lost a horse this week, by its being kicked by another so badly, that it was necessary to kill it.

Stacy Yawger has a fine pair of white owls mounted and on exhibition at his store. They were killed in this locality.

Some of our office-seekers are talking up matters already. Don't be in a hurry boys, you know the good book says the first shall be last, and the last shall be first.

The winter has been so long that a number of wild animals have been seen in this locality of late, much to the danger of the inhabitants in town. A "side hill gaugher" and a "spiked skid" almost killed one of our most popular young men last week. Ask Sam. He knows.

Kodol Dyspepsia Cure Digests what you eat.

Reno.

Clayton Keyl returned to Malthy last Monday.

Ben Corbett is expected home this week from Canada.

Mrs. George Charters is seriously ill with the Grippe.

Will Hartley, of Tawas City, lately purchased a farm in Reno.

Mr. and Mrs. F. Daugherty and Vire returned home Saturday.

Town Treasurer Nunn, of Hale, made a trip to Tawas this week.

Miss Blanche West, of Grant, visited friends of Reno the past week.

Mr. and Mrs. Hal Granger, of Tawas called at Siloam Saturday last.

Sandy Gordon, of South Branch, called on friends here last Friday.

Miss Lindsley attended the dance at Turner on Washington's birthday.

Ladies Aid Society met on Wednesday at the home of Mrs. Wm. West.

In which month do girls do the least talking? February only 28 days.

Mr. and Mrs. St. Martin and Mr. and Mrs. Odell were passengers on Friday for Tawas.

Miss Sarah Froekins has gone to Ogemaw county to spend a few days with friends.

Rev. James Gordon, of Prescott, delivered a sermon Sunday, at the Baptist church.

Mrs. Lizzie VanCamp started home Wednesday, having been the guest of Mrs. Henry Thompson.

Again the steam whistle is heard at the saw mill. Dave Cooper commenced work there on Monday.

The time for spring canvas for the HERALD subscribers will soon be here. Every reader should help the good work along.

Ambrose Wismer returned Monday from Loon Lake. He left Whitford and Ranger to capture the young whales there.

Orangemen meeting at the Hall Tuesday night. By the beating of the drum and the war whoops we should say there was more than one candidate initiated.

The Farmers' Club.

Continuing what we said of AnSable last week. We said 600 votes, because 30 per cent of its population at that time were transient people. It was only a mushroom city, as is now shown, and previous to securing its charter, and under the village system one member was sent to the board of supervisors, but now under their upper charter, they have three supervisors, a mayor and a city attorney, on the board to eat up our substance. This is \$12 extra and milage for every day that the board sets. Their mayor and city attorney come on the board and draw their pay just the same as the supervisors. The city is too poor to pay them salaries, so the county must pay them with money of our overriden taxpayers, and the townships stand the blunt of it.

Their valuation of \$800,000 has been reduced to \$50,000. Their portion of the county tax in 1900 was \$300, and their attendance on the board and milage was \$275. The farmers and tax payers were blessed with a big \$25 to aid in paying county expenses. This is to be continued. FRANK DUPLANTY, Pres.

Favorite Nearly Everywhere.

Constipation means dullness, depression, headache, general disordered health. DeWitt's Little Early Risers stimulate the liver, open the bowels and relieve this condition. Safe, speedy and thorough. They never gripe. Favorite pills Dr. C. A. Wakeman.

TAWAS CITY BANK,

Whittemore & Phinney We do a special banking business, paying special attention to collections. We have a prosperous Savings Department We pay four per cent interest upon savings account.

Whittemore & Phinney

"A Penny saved is a Penny Earned."

\$36.00!

\$36.00!



If anyone asks you \$65.00 to \$75.00 for a Steel Range, tell them that PRESCOTT SELL ONE FOR \$36.00, that is as large, as handsome, and as serviceable as any made! Don't agree to buy any kind of a stove until you have seen our BORN STEEL RANGE.

C. H. PRESCOTT & SONS.

POCKET GOPHERS.

Handy Method of Introducing Poisoned Food into Their Runways.

Alfalfa fields have been the special theater of operations of pocket gophers in Kansas. D. E. Lentz of the state station recommends the following method of destroying them by introducing poison into their burrows: Cut potatoes or other food into pieces not more than three-fourths of an inch in diameter. Cut a slit in each piece and with a point of the knife blade insert a little sulphate of strychnine. As much as half the bulk of a grain of wheat will answer the purpose. The moisture from the potato will cause the poison to adhere to the blade.

Having prepared the bait in sufficient quantity, go to the field armed with a round, sharp pointed implement an inch or an inch and a half in diameter and of sufficient length. Of tools of this kind made by a blacksmith one is a shovel handle and the other a spade handle, and each is shod with a conical iron point. A bar is attached about fifteen inches from the point to enable the operator to use the foot in pressing it into the soil. These tools have proved to be quite serviceable. With one of them it is only necessary to find the runway of the gopher. The handle is sufficiently thick to make a hole large enough to permit one to drop the poisoned potato directly into the burrow. The operator then passes on to another place, leaving the hole open. No digging with a spade or other hard labor is necessary.

An experienced person can distribute poison to many acres of alfalfa in a day, and if proper care is taken to rightly distribute the bait it will not be necessary to go over the ground a second time. It is best to insert the food as near as possible to the freshest mounds of earth thrown up by the animals. Two or three pieces of potato at that place are worth many scattered in other parts of the runway. The operator should avoid the larger mounds and those that are not freshly made.

SENT FREE TO MEN AND WOMEN!

DR. ANDREW B. SPINNEY, Formerly of Detroit, and proprietor of Reed City Sanitarium. The old reliable Spinnery, crowned with forty years of unparalleled success in treating Nervous, Urinary, Sexual, and all forms of Chronic Diseases, has such faith in his ability to cure when other fail that he will send one month's treatment free. It has no patent medicine to boast of, but a SURE SPECIFIC. Each case is carefully studied by itself, and will receive the most careful attention. Particular attention is given to the treatment of the following long-standing diseases, viz.: Neural Gout, Polypus, Mucous and Follicular Diseases of the Throat, Foreign Growths in the Larynx, Laryngitis, Bronchitis, Bronchi, Consumption, Spitting of Blood, Loss of Voice, Enlarged Tonsils, Incipient Consumption, Asthma, Diseases of the Heart, General Debility, Diseases Peculiar to Women, Neuralgia and all forms of Nervous Diseases, Diseases of the Kidneys and Bladder, Stricture, Constipation, Piles, Fisures, Fistula, Irritation and Inflammation of the Eyes, Tumors, Hair Loss, and Skin Diseases, Surgical Diseases of all forms, Eye, Ear, Nose and Throat, including Deafness, Catarrh, Chronic Otitis, Tumor, Hair Loss, etc. Also Jaundice, Dropsy, Diarrhea, and all forms of Liver, Stomach, and Bowel Diseases. THE SIGNS OF STYPTERIS are blood and skin diseases, especially the poor. Cures guaranteed. THE SIGNS OF STYPTERIS are blood and skin diseases, especially the poor. Cures guaranteed. THE SIGNS OF STYPTERIS are blood and skin diseases, especially the poor. Cures guaranteed.

WALL PAPER REMNANTS!

We are now making a run, at a VERY LOW PRICE, on small lots of Wall Paper. If you have a small room that you are to paper this spring, come in and get your paper before the selection is broken. You Can Save Money.

KING'S FURNITURE STORE, EAST TAWAS, MICH.

A. C. LONGLEY,

PUTS IN

Wind Mills, Steam Heaters, Furnaces, Water Heaters, Bank Vaults, Pipeings, Pumps, Plumbing.

PRICES REASONABLE.

A. C. LONGLEY,

EAST TAWAS, MICHIGAN.

Sugar Beet Contracts!

We are now making Contracts with Farmers for Acreage for the Campaign of 1902-3. Being located on the D. & M. Ry. assures prompt facilities for car services, besides, we are making all contracts in the locality of Tawas contingent on the location of a factory there, two important matters to the farmers of Iosco County. We pay regular prices and offer same terms as others. Contracts may be had at the Factory, or from our Canvassers, also at the Tawas Herald office.

West Bay City Sugar Co.,

West Bay City, Mich.

To Cure a Cold in One Day.

Take Laxative Bromo Quinine Tablets. All druggists refund the money if it fails to cure. E. W. Grove's signature is on each box. 25c.

TAWAS CITY LAUNDRY,

C. H. HAMILTON, Prop.

All Work Guaranteed!

Work Called for and Delivered.

Tawas City Lodge No. 302

F. & A. M.

Regular Communications Tuesday evening on or before the full of the moon.
THOS. E. GARBER, W. M.
JNO. A. MARK, Sec'y.

NEWS OF THE WEEK

Gathered from Various Sources.

A boy and a bicycle need blowing up occasionally.

The board of supervisors will meet Tuesday, March 11.

Regular meeting of the city council next Tuesday evening.

Dr. J. D. Kerns, V. S., of Prescott, was in the city yesterday.

Read what James LaBerge has to say elsewhere in this issue.

F. H. Richards & Co., have a new advertisement in this issue.

Sheet music 10, 15, 20 and 25 cents, at E. L. King's, East Tawas.

Mrs. Henry Wilmot, of Greenbush, visited friends here this week.

G. T. Wood, the jeweler, of East Tawas, guarantees all his work.

Mrs. M. McGarry is visiting at the home of her son John, at Alpena.

Supple Brabon loaded several cars with wood for Saginaw this week.

Mr. and Mrs. Elmer Odell, of Sioam, were in the city last Friday.

C. D. Bennett, of East Tawas, was in Bay City on business last Saturday.

Mr. and Mrs. James H. Sheldon have returned from their wedding tour.

N. C. Hartingh, has been at Bay City and other points on business this week.

Iasco county reported 13 deaths to the secretary of state for the month of January.

Smith Williams, of Chicago, was the guest of his brother, Spencer C., of this city over Sunday.

Miss Marie McDonald returned to Midland last Saturday, where she has again been engaged to teach.

Mrs. A. G. VanWey is visiting relatives and friends at Bay City and Saginaw for a couple of weeks.

Mrs. M. D. Hurlbert left yesterday for Detroit and Cleveland to purchase her stock of spring millinery.

The celebrated Harrison wagon, the best made. For sale by.

WHITTEMORE & PHINNEY.

Mr. and Mrs. B. F. Oakes, of East Tawas, entertained a party of their friends most enjoyably last evening.

Milton Sherman and Miss Mae Sly, of Oscoda, were married Feb. 17th, in this city, Rev. D. Q. Barry officiating.

Capt F. F. W. Gersel, of Co. A. M. N. G., died at his home in Saginaw last Friday evening. He served in the Spanish war.

Miss Margaret J. Edmunds, of Bay City, leaves soon for Seoul, Korea, where she goes to take charge of a mission hospital.

About twenty members of the Eastern Star, of East Tawas, gave the lodge of this city a fraternal visit last Tuesday evening.

The Ladies' Aid of the M. E. church, will serve their usual 10 cent supper in the Bagger building, Wednesday evening, March 5.

Candidates are beginning to hustle. It would be a good plan to allow the people to do the hustling and give the office-seekers a rest.

Tawas City Lodge, No. 302, F. & A. M., have issued invitations to their fourth annual banquet, which will be held next Tuesday evening.

Word received from Hancock announces the arrival of a fine son at the home of Mr. and Mrs. Willard VanPatten, on Saturday last.

Yes, we have been enjoying genuine spring weather for the past week, but we would not advise the planting of garden truck for a few days yet.

We desire to urge our correspondents to send in their communications so that they will reach us not later than Thursday morning of each week.

All members are requested to attend the regular review of Grip Tent No. 455, K. O. T. M., next Monday evening. Business of importance is to be considered.

Theme at the Baptist church next Sunday morning, "That Which Satisfies" in the evening, "The Cost of Principle." The pastor will preach at both services.

The young people's societies of the various churches of this city will hold their monthly union meeting at the Baptist church next Sunday evening, at 6.30.

The East Tawas W. C. T. U. will meet at the home of Miss Mack, Friday afternoon, March 7, at 2.30. On March 21, the organization will hold a medel contest.

Christ. Graeler, father of Mrs. A. Steinhurst, died on Monday last, age 76 years. The funeral was held from the Em. Lutheran church Wednesday afternoon.

John A. Mark, Collie Johnson, Will Davidson and Rev. King were hunting Tuesday. A rabbit a piece or a piece of a rabbit a piece, and it is not certain which.

If you wish to reach the people of Ioseo county with your advertisement, use the columns of the HERALD. It has a good list of subscribers at every postoffice in the county.

Mr. and Mrs. William Wendt, are the parents of a fine 8 1/2 pound daughter, who arrived at their home at 1.23 a. m. Tuesday. "Billy" bears the title of papa with dignity.

A number of our farmers are about to purchase a German Coach horse of A. D. Spaulding, who has been in this locality for several weeks past for the purpose of effecting a sale.

Mrs. H. T. Thomas, of East Tawas, gave a very pleasant afternoon party last Monday to a number of her lady friends. Pedro and refreshments aided in the enjoyment of the occasion.

The ice harvest has been a bountiful one here this season, many of our neighboring villages and a large number of our farmers having secured their supply for the coming summer at this place.

When you want a policy for Fire, Life or Accidental Insurance, call on H. F. Barbour, in the Bank Block, East Tawas. Only reliable companies represented and rates as low as consistent with reliable insurance.

The 12 year old daughter of Mr. and Mrs. Robert Southgate, of Harrisville, was fatally burned Monday by her clothes catching on fire from the stove. Mrs. Southgate was severely burned in attempting to save the child.

C. H. Hamilton, of Marlette, has taken charge of the Tawas City Laundry, and is prepared to give prompt attention to the business. Mr. H. is an experienced laundryman and guarantees satisfaction. See his card in this issue.

The Michigan Chemical Co., of Bay City, which manufactures alcohol from refuse molasses of beet sugar, has closed a contract to supply the United States government with 75,000 gallons of beet alcohol for use in making smokeless powder.

Lost, between P. E. Shien's residence and the school house in this city, on Friday, Feb. 21, a shoestring shopping bag, lined with pink silk. There was about \$20 in same. A liberal reward will be paid for the return of same to the Tawas City postoffice.

Editor Keyes, of the Lexington News, says: "Don't be a sneak. If you are dry, step into the beverage parlor through the front door like a man, wet your whistle and go about your business, if you have any, and if you haven't look up something."

Every postoffice in the country is being flooded with catalogues from the department stores in the larger cities. Much of the goods they offer is only trash, and whatever they have that is good can be purchased in your home town for the same or less money.

"The Longest Power-Transmission in the World,"—the one recently installed in California,—is described in the Review of Reviews for March by Mr. Thomas C. Martin, the well-known writer on electrical subjects. The article is illustrated from photographs.

A number of counterfeit \$5 silver certificates, so well executed as to escape detection by the unpractised eye, have been in circulation in Bay City during the past week. Several of these bills have fallen into the hands of Deputy United States Marshal Tobias, who is endeavoring to locate the source of distribution.

From the Hot Springs Sentinel-Record we learn of the narrow escape of engineer John Ryan, in a railroad wreck near that place, in which his train ran into the rear of another train, which had broken down on the main line and failed to send out a flagman. While both were passenger trains no one was fatally injured. Many of our citizens will remember Mr. Ryan and family from their visit here during the summer of 1900, when they stopped at the home of W. F. Whittenmore.

James H. Nisbet has begun repairs on his residence, which was recently injured by fire.

The term of County Road Commissioner James Quinn expires this spring, and a successor will be elected. It is time the county conventions were called.

Services as usual at the Presbyterian church next Sabbath, Rev. E. O. Sutherland, pastor. Morning subject, "Simon of Cyrene." Continuing the historical talks the evening subject is, "John Knox." Strangers and those without a church home are especially invited.

During the past two weeks State Trespass Agent Shien has had three of his deputies at work along the Rifle river in Ogemaw county, where they have seized over 10,000 ties and about a million feet of logs which had been cut from state tax lands. Mr. Shien informs us that for several years past thousands of dollars worth of timber has been stolen from the state in this locality.

This has been one of the most remarkable winters ever known in this locality. Today is the last one of February, and as yet there has practically not been a day of sleighing, and not to exceed six inches of snow has fallen in the entire winter. Notwithstanding this fact, the roads have been excellent and the farmers and others have experienced but little difficulty in getting out their forest products, many claiming that the lack of snow has been a benefit.

The question of candidates for the various city offices is now being discussed to considerable extent. There appears to be a desire to select progressive men for the council during the coming year. Men who, while not extravagant, are in favor of making an effort to improve our city both in general appearance and commercial importance. There is no doubt that much can be accomplished if progressive, conservative men are chosen as aldermen from the different wards. That some effort should be made along these lines all will agree.

ESTRAY NOTICE.—There came into my enclosure, in Tawas City, on Feb. 27, 1902, a small brindle cow. Owner can have same by proving property paying charges.

MRT. JAS. CHAMBERS.

Read Dr. Spinney's advertisement in this issue.

Mrs. Henry Grabow, of Wilber, died on Saturday last. The funeral was held from the Em. Lutheran church in this city Monday.

Maggie daughter of Mr. and Mrs. Robert A. Brooks, of Wilber, died Wednesday morning, after long and patent suffering. The funeral will be conducted from the Wilber M. E. church today, Rev. E. King officiating. The bereaved parents have the sympathy of all in their sad affliction.

Conundrum Social.

The Epworth League will have a conundrum social at the home of Mrs. Osborne on the Meadow Road tonight. Teams will start from Mr. Hamilton's store between seven and eight o'clock. Supper will be served any time after 5:30.

MENU.

Witch of the Desert.....	3 cts
Crushed Cereals.....	3 "
Boston Fare.....	3 "
Slices of Ireland.....	3 "
Cuts of Germany.....	2 "
Cordial Cheer.....	3 "
Boston Overthrow.....	3 "
Cold Cuts.....	3 "
Cooled Commotion.....	1 "
Coagulated Card.....	1 "
Constitution Cerranters.....	1 "
Causing Crystals.....	1 "
Great American Desert.....	3 "
Cavernous Cooking.....	3 "
Ivory Manipulators.....	1 "
Ice Cream and Cake.....	10 "

Going To Harrisville.

W. D. Sanders

With the latest process for Feather Steam Washing is about to leave East Tawas. Mr. Sanders who for the past 8 months has conducted a feather renovating establishment in East Tawas will move to Harrisville about April 1st.

During his stay here Mr. Sanders has done an enormous business, having renovated feathers for over eleven hundred families, all of whom speak in the very highest praise of his honest business methods and excellent work.

The apparatus used is the best known—the steam blast method, and makes the feathers as light and downy as when first plucked. It also exterminates all disease germs moths, etc., which are sure to be lurking within feathers which have been used any length of time. We can heartily recommend Mr. Sanders as a trust worthy and reliable gentleman.

If you have anything in this line, do so at once as it may be a long time before you have a chance to have the work done satisfactory.

TAWAS BAY INSURANCE AGENCY.

Fire, Life, Accident, Liability and Plate Glass.

Representing the following OLD AND ONLY RELIABLE companies:

- NORTH BRITISH AND MERCANTILE,
- COMMERCIAL UNION,
- NORTHERN,
- LONDON & LANCASHIRE,
- PHENIX,
- ETNA,
- NIAGARA, of N. Y.,
- FIRE ASSOCIATION, of PHILADELPHIA,
- PALATINE, of LONDON,
- FIDELITY AND CASUALTY, of N. Y.
- FIDELITY AND DEPOSIT, of BALTIMORE, MD.,
- NATIONAL LIFE, of VERMONT,

Office: BANK BUILDING, East Tawas, Mich.

A FULL LINE.

Shelf and Heavy Hardware,
Sash and Doors,
Sherwin and Williams' Paints.
Etc., Etc.

Our COOK and HEATING STOVES are still going at a REDUCTION!

Agents for the Halladay Wind Mill!

F. H. RICHARDS & CO.,
East Tawas, Mich.

SAVING MONEY, is making Money, and that is what I am doing for all who buy their Dry Goods, Clothing, Furnishing Goods Shoes, Etc., at the Big Store. I have the largest and best selected stock of up-to-date goods to be found in this section of the state, and my regular prices are from 15 to 25 per cent lower than the same goods can be purchased for of any other house. If you are not now a customer of ours we invite you to become one, and guarantee to save you money on every purchase made at our store.

Just now we are offering some Exceptionally Low Bargains in Winter Goods and Shoes. We have a large line of these good which we must close out to make room for new spring goods.

This is your opportunity for a profitable investment, that pays big dividends. Don't allow it to pass you.

M. E. FRIEDMAN,

"Leader of Low Prices"

TAWAS CITY.

MICHIGAN.

The Michigan Sugar Co.,

OF BAY CITY,

Is Writing Contracts for Acreage for the Campaign of 1902-1903. These Contracts Provide for the Same Price for Beets as was Paid this Season, and upon the Same Terms. Contracts may be Secured at the Factory, or from their Agents who are now Canvassing.

JAMES LABERGE,

THE SHOE DEALER, has the most complete assortment of Splendid Goods in BOOTS, SHOES, GENT'S FURNISHING GOODS, ETC.

We guarantee to all who purchase goods from us that our Styles are the Latest and our Goods the Best for the Money. We are able to fit you properly, too. Style, Comfort, Price, Wear!

GOOD STYLE is essential. A reasonable compliance with the prevailing fashion is absolutely necessary. It is not wise though to follow every modish will-o'-the-wisp. OUR SHOES CONFORM TO THE STYLE! Comfort is an important consideration. Our shoes touch the foot all over, with a steady, even pressure. They fit without binding. Our stock of Gent's Furnishing Goods is most complete. Our new Spring and Summer samples of Ryan Tailoring Co. are now on hand. Give us your order for a Spring Suit and save about \$5. A perfect fit or no sale. Also Shirts made to order. Give us a call!

JAMES LABERGE, East Tawas.

WHITE SATIN FLOUR,

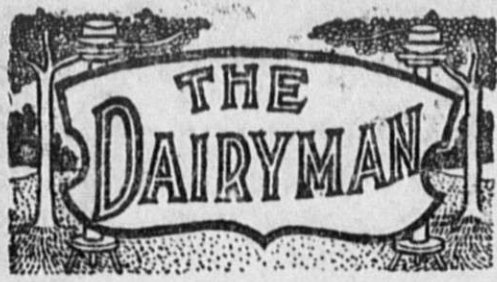
NONE BETTER.
TRY IT!!

Manufactured by

F. W. SCHLECHTE & SONS.

Daisy Roller Mills.

TAWAS CITY, MICH



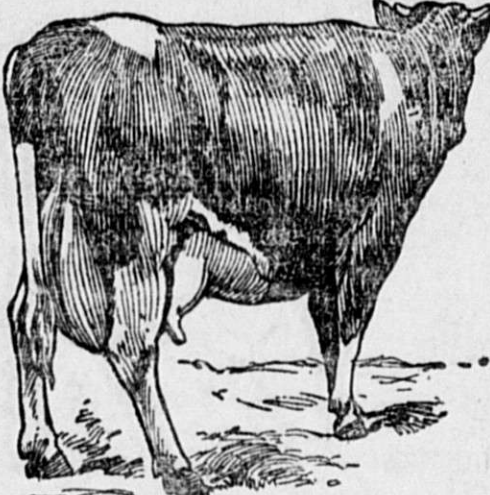
A GREAT RECORD.

A Holstein-Friesian Cow in the Lead as a Milk Producer.

It gives us much pleasure, says Hoard's Dairyman, to present a picture of the cow Mercedes Julip's Pieterje, H. F. H. B. 39480, albeit the picture itself is very far from being a work of art or in any sense worthy of its subject. It will, however, serve the main purpose of its publication, which is to set before the student of dairy form the outlines and conformation of a cow that has recently made a new record as a producer of butter fat.

This cow is the property of T. S. Tompkins, White Bear Lake, Minn.

We are indebted to Mr. S. Hoxie, superintendent of the Holstein-Friesian Advanced Registry, for a copy of the detailed record made by this cow from Dec. 17 to 23, 1901, inclusive. For the first three days of this period she was milked four times daily and for the other four days three times. Each of these twenty-four milkings was separately weighed and the milk tested under the personal supervision of Mr. H. C. McKinstry, whose competency, integrity and disinterestedness are vouch-



MERCEDES-JULIP'S PIETERJE.

ed for by Professor Haecker of the Minnesota experiment station and who is also well known to be entirely reliable by the editors of this paper. It is not so stated in the report, but we believe the fact to be that Mr. McKinstry was selected by Professor Haecker to conduct this test. To make assurance doubly sure and forestall every doubt as to the accuracy of the record two other representatives of the Minnesota station were detailed to keep constant watch of the cow during the last three days of the test.

Instead of presenting all the figures of these successive milkings and tests, which would tend more to confusion than clearness for the majority of readers, we give the aggregates and averages by days as follows:

Table with columns: Date, Pounds milk, Average per cent. fat, Pounds fat, No. milkings per day. Rows include Dec. 17, 18, 19, 20, 21, 22, 23, and Total.

Lowest test, 10 a. m. Dec. 17, 2.7 per cent. Lowest yield milk, 10 a. m. Dec. 18, 13.5 lb. Highest test, 10 a. m. Dec. 19, 4.7 per cent. Largest yield milk, 4 p. m. Dec. 21 and 23, 29.3 lb. Average daily yield, 83.4 lb. milk; 3.3679 lb. fat, equivalent to 3.92 lb. butter.

In an earlier test, Nov. 23 to Dec. 2, this cow gave 540.8 lb. milk, containing 21,103.2 lb. fat, equivalent to 24,62 lb. butter when an exact account of the feed eaten was kept. In these seven days she consumed 360 lb. beet pulp, 32 lb. oats, 25 1/2 lb. brewers' grains, 28 lb. bran, 17 lb. corn, 8 lb. oilmeal, 37 1/2 lb. timothy hay.



We have often referred to the very satisfactory yield of dairy products from the herd at the Minnesota state farm and cited records as a justification for persuading farmers to give more heed to the balanced ration. Not only could we refer to that herd as strongly favoring the adoption of the methods of feeding there, but ample testimony from other herds could be cited with similar results. Now and then came reports from readers that no beneficial results followed the feeding of a balanced ration. To such it was always explained that improved methods of feeding must begin with a cow fresh in milk and that when she had shrunk in her flow she could not be made to increase its supply of protein unless she had access to succulent feed, like new pasture. If there is provided an ample amount of protein during the winter, the flow of milk would not materially increase, but when cows are turned to pasture in the spring the succulent, palatable and easily digested young grass invariably brings an increased yield of milk, writes Professor T. L. Haecker in Farm, Stock and Home.

Buckwheat Hulls. C. H. G. Mauston, Wis., deferring to an article published in Hoard's Dairyman wherein we commented somewhat on buckwheat shorts and buckwheat bran and middlings, wants to know whether in our judgment the hulls of buckwheat are of any considerable feeding value. He says they are reported to contain from 4 to 4 1/2 per cent crude protein, 40 to 44 per cent carbohydrates and 1 per cent ether extract, being in this respect equal to mixed hay. This may be true from the chemist's standpoint, but these pure buckwheat hulls are some like cottonseed hulls, very difficult to digest, and cases have been reported where animals, especially swine, have been very much injured by eating them because of their sharp edges and corners. For our part we should hesitate to feed them at all, much preferring to sift out the hulls from the middlings and use them for bedding.

AN OBSERVATORY HIVE.

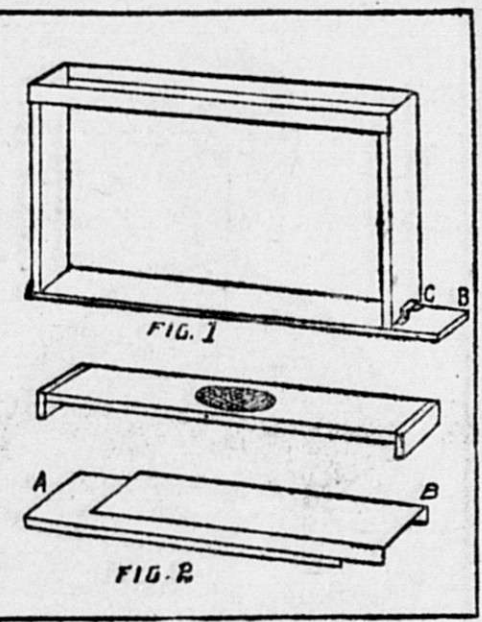
The Quickest and Best Way to Learn the Bee Business.

F. G. Herman, who is an authority on apian matters, considers that there is no way in which so much practical knowledge can be obtained about bees as by observing them working in a normal way through the glass sides of an observatory hive. You will see the field bees coming in with their loads of nectar and pollen and depositing them in the cells, the nurse bees feeding the larvae and the comb builders making comb. You may also observe the queen in her arduous duty of laying two and even three eggs per minute. Mr. Herman therefore tells in The Farm Journal how to make such a hive:

If you are using in your yard a movable frame hive, the matter is simple enough. Make the two end pieces, the bottom and cover the same length and height as the hives in your yard, but only wide enough for three frames of comb. Five inches inside measurement is about right. The sides should be made out of good, clear window glass. This constitutes the body of the live See Fig. 1.

The lower cut in Fig. 2 is a tube which is connected to the body at B, which will be explained a little further on. C in the first figure is a piece of tin that holds the tube in place. The bees enter the tube at A and crawl through the tube into the hive. The tube is made two and a half inches wide and half an inch high, inside measurement, and about twenty inches long, or longer if necessary. The upper cut in Fig. 2 is the hive cover, which has a hole in the center two and a half inches in diameter covered on the underside with wire netting. This hole is for two purposes. If the bees need feeding, a pint fruit jar can be filled with syrup, then covered with one thickness of cheese cloth and inverted right on the wire, and the bees will do the rest. The other purpose is to ventilate the hive in very warm weather. This hole should at other times be covered with a small block.

Of course it would be useless to put a swarm of bees into a glass hive, for a



FRAME AND ENTRANCE TUBE.

dark hive suits them better. About six days after you have had a swarm go to the parent hive you will find a number of ripe queen cells from which queens will emerge in a day or two. Take three frames of hatching brood, with one or more queen cells, covered with adhering bees, and place them in the hive. Put on the cover and carry to the porch of your dwelling or other suitable place and adjust your hive in position. Some of the old bees will leave, but those that are hatching will make it their home.

For best results it is necessary to have on the porch a vine of some sort for a screen. Honey-suckle trained on chicken wire makes a splendid network of foliage that can hardly be improved upon.

Nitrates in the Soil.

The continuous growing of wheat or other grain or of a cultivated crop not only rapidly depletes the soil of organic matter, but causes the rapid formation of nitrates, which are likely to be washed down in the soil below the reach of the roots of plants. In experiments by Professor Ladd of North Dakota the largest amount of nitrates was found at a depth of three feet in bare fallow, while at a depth of seven feet the amount of nitrates was larger than at a depth of one foot. It is evident that the nitrates found were leached down from above. The importance of a proper rotation and of catch crops to take up and hold the nitrates is thus shown.

Good Absorbents For Hen Manure.

Hen manure quickly ferments and will lose much of its nitrogen if not preserved with absorbents. Lime and wood ashes should not be used for this purpose. Dry loam or muck, moss litter from peat bogs, road dust, are all useful absorbents for the floor of the poultry house.

News and Notes.

The receipts of flaxseed at the principal markets up to Jan. 1, 1902, are estimated by the Duluth Record at 21,459,000 bushels.

The cotton crop of central Asia is reported to have turned out unfavorably.

The United States is one of the leading vegetable oil producers of the world. These in the order of their quantitative importance are cottonseed, linseed and corn oils.

According to a trade journal, the total consumption of sugar of all kinds in the United States in the calendar year 1901 was 2,372,316 long tons against 2,219,847 long tons in 1900.

The production of potatoes in the United States is on an average not quite equal to the consumptive demand.

The headquarters for the Khiva winter melons in this country are in Utah in the great desert.

Cured beet leaves is a new departure in stock feed reported from Germany.



I bought a flock of thirty-seven goats, common ones, not Angoras, writes W. H. Winters of Arkansas to Wool Markets and Sheep. I must confess that I was somewhat prejudiced against them, but after an experience of eight months with them I find them to be the most pleasant and easily handled animals that I ever owned. A fence three feet high, if it stands erect, will hold them in lot or pasture. If it leans from them they will climb upon it and jump down on the other side. If you will lean a board against the fence, barn or house, they will climb to the top of it. They delight to climb a leaning board and slide down like boys sliding on cellar doors. They soon take up with their home and will come up to the house or barn two or three times a day, and every time it rains they lose no time getting home to shelter, while a sheep will remain out in the rain all day. The goats live and fatten on what other stock will not eat. They live principally on leaves, weeds and briars. They will more than pay their way in clearing brush land, weeds and briars. Green briars are especially bad in this country. Goats are very prolific, usually bringing twins and often triplets. Their flesh is said to resemble venison in taste. I have butchered and sold quite a number of goats the past summer. I can sell three or four goats to one sheep on this market. Almost every one who has eaten goat meat prefers it to mutton and, in fact, to almost any other meat. Goats do not seem to be subject to many of the diseases of the sheep or other animals.

The Angora's Fleeces. The most important product of the Angora goat is the long, silky, wavy fleece, used either pure or in connection with wool, silk or linen in a variety of fabrics for house furnishings and women's goods, brilliantings, linings, braids, plushes, astrakhan cloth, furniture coverings and a variety of other materials. The fine fabric called camel's hair is also of the best mohair and not from the camel, as would be supposed from the name. "Chamaal" is the Arabic word for camel, and the Arabs also call the Angora goat the chamaal.

There is a market for all the mohair produced in the country and, in fact, a greater demand from the mills than can be supplied. Two mills in Maine used 840,000 pounds of domestic mohair in 1899 and had to go abroad for 400,000 pounds more.

Home of the Angora.

The Angora goat derives its name from the province of Angora, in Asia Minor, where the species is said to have been evolved. Angora is also the name of the chief town in the province, being distant about 200 miles east from Constantinople and connected with same by train. The area of the province is 29,000 square miles and the population under 1,000,000. The annual export of mohair is valued at \$200,000.

Our Queer Language. When the English tongue we speak. Why is "break" not rhymed with "freak?" Will you tell me why it's true? We say "saw," but likewise "few." And the maker of a verse Cannot cap his "horse" with "worst?" "Beard" sounds not the same as "heard;" "Cord" is different from "word;" "Cow" is cow, but "low" is low; "Shoe" is never rhymed with "foe;" Think of "hose" and "dose" and "lose" And of "goose"—and yet of "chose." Think of "comb" and "tomb" and "bomb;" "Doll" and "roll" and "home" and "some."

Peat as Fuel.

The Visland-Bolmen railway in Sweden has made a satisfactory test of dried peat as fuel for locomotives without changing the fire bed.

Kodol Dyspepsia Cure

Digests what you eat.

Schley; Santiago

BY GEORGE EDWARD GRAHAM.

The Intrepid Associated Press war correspondent, who was aboard the U. S. S. Brooklyn during the entire six months of the campaign. Illustrated with photographs taken by the Author during the fight.

The true story of the famous cruise of the Flying Squadron under Commodore Winfield Scott Schley, including the blockade and destruction of the Spanish fleet, TOLD FOR THE FIRST TIME.

Contains an autograph endorsement and personal account of the battle by Rear-Admiral Schley.

"The facts of the story of the movements and operations of the Flying Squadron as the author tells them in this book are correct."

—W. S. SCHLEY.

An interesting narrative of facts. Explains the so-called "Retrospective Movement" of the "Loop" the "Cooling Problem," and settles conclusively every adverse ruling of the Court of Inquiry.

PRESIDENT ROOSEVELT, when Governor of New York, said:—"Mr. Graham's story is the best account I have heard or read of the naval fighting during the war. It needs just as much courage to go about taking photographs as it did to work the guns."

THE NEW YORK HERALD says:—"Mr. Graham, in the telling of facts, leaves the reader free to make the deduction that several naval officers need a Court of Inquiry to re-establish their reputations, if they can be re-established."

No subject has ever been before the public that has interested everybody as the manner in which Admiral Schley has been treated, and the American people demand the full recognition of the Hero of Santiago. This book tells the story as it occurred, and as the eyewitnesses saw it. Book is selling like wildfire. Liberal commissions. Outfit agents. Send seven 2-cent stamps for canvassing outfit. ACT QUICK. Now is the time to MAKE MONEY.

Price \$1.50, \$1.75, \$2.25, \$2.75, according to style of binding desired.

AGENTS | W. B. CONKEY COMPANY

WANTED | Sole Publishers, CHICAGO.

Grass Seeding on Irrigated Lands.

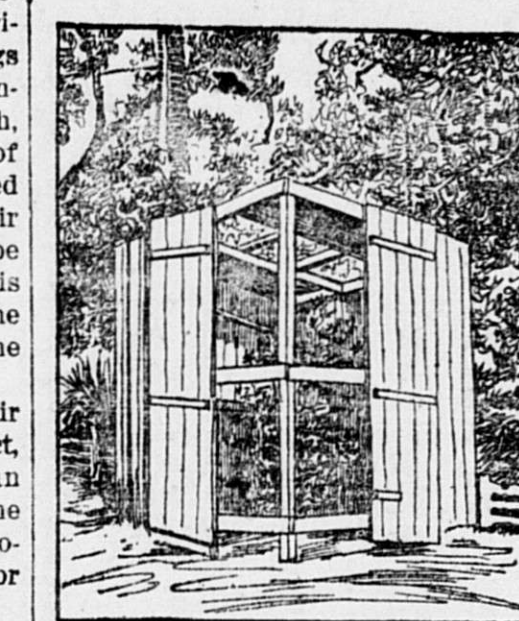
I prefer drilling alfalfa seed with small grain for the reason that it can be put into the ground about two inches deep and thus find sufficient moisture to bring it up. So far I have had much better results than from broadcasting. For timothy, redtop and brome grass I prefer broadcasting, as I know of no drill that will handle these seeds properly. I use a wheelbarrow seeder, costing about \$8, with which I can sow twenty acres a day. I always sow these grasses in early spring, writes a correspondent to Orange Judd Farmer.

For alfalfa I plow the ground in summer or fall, grade it well and irrigate before seeding. The seeding is delayed until all danger from frost is past, say from May 10 to June 1. I always see that every inch of land has been irrigated. Then when the ground has dried just enough to work well I go on the land with a hoe drill. I put the alfalfa seed in the grainbox and let it run down through the pipes. Set the drill to cover about two inches. Use sixteen to twenty pounds of seed per acre. When the ground is dry enough not to pack, go over the land with a roller or a planker. Seeded in this manner every alfalfa seed will come up. I get better results from ten pounds of this mode of drilling than those who put in twenty pounds of seed broadcast.

I consider broadcasting very wasteful in this country, whether it be grass seed, grain or peas. This is an arid section, and all seeds lying on or near the surface of the ground either sprout and then die for want of moisture or do not sprout at all.

A Shelter From Frost.

An interesting illustration in Meehan's Monthly shows how individual orange trees or a few trees only are sometimes protected from frost in Florida. The board removed from the



ORANGE TREE PROTECTED FROM FROST.

top and the doors on the side allow circulation of air and some light. The young plant in the inclosure is just coming into bearing and is one of the farthest north in Florida at the present time.

Bavarian Hops.

Although hops have been grown in this country for a great many years, they have always been inferior as compared with the best European hops, and, as they bring a lower price in the market and are not so desirable as the Bavarian hops, cuttings of the best of the latter were imported last year. These cuttings have been placed in the hop growing districts of the United States and, according to the report of the secretary of agriculture, promise to be far superior to the ordinary varieties grown, in addition to maturing earlier and extending the picking season.

The Last Heard Of It.

"My little boy took the croup one night and soon grew so bad you could hear him breathe all over the house," says F. D. Reynolds, Mansfield, O. "We feared he would die, but a few doses of One Minute Cough Cure quickly relieved him and he went to sleep. That's the last we heard of the croup. Now isn't a cough cure like that valuable? "One Minute Cough Cure is absolutely safe and acts immediately. For coughs, colds, croup, grip, bronchitis and all other throat and lung troubles it is a certain cure. Very pleasant to take. The little ones like it. Dr. C. A. Wakeman.

E. W. Grover. This signature is on every box of the genuine Laxative Bromo-Quinine Tablets the remedy that cures a cold in one day.

D. & M. TIME TABLE NO. 49.

Taking Effect Jan. 12, 1902.

TRAINS GOING SOUTH.

Table with columns: Station, Det. Mail, Det. Ex., Daily, No. 10, No. 11, No. 12, No. 13, No. 14, No. 15, No. 16, No. 17, No. 18, No. 19, No. 20, No. 21, No. 22, No. 23, No. 24, No. 25, No. 26, No. 27, No. 28, No. 29, No. 30, No. 31, No. 32, No. 33, No. 34, No. 35, No. 36, No. 37, No. 38, No. 39, No. 40, No. 41, No. 42, No. 43, No. 44, No. 45, No. 46, No. 47, No. 48, No. 49, No. 50, No. 51, No. 52, No. 53, No. 54, No. 55, No. 56, No. 57, No. 58, No. 59, No. 60, No. 61, No. 62, No. 63, No. 64, No. 65, No. 66, No. 67, No. 68, No. 69, No. 70, No. 71, No. 72, No. 73, No. 74, No. 75, No. 76, No. 77, No. 78, No. 79, No. 80, No. 81, No. 82, No. 83, No. 84, No. 85, No. 86, No. 87, No. 88, No. 89, No. 90, No. 91, No. 92, No. 93, No. 94, No. 95, No. 96, No. 97, No. 98, No. 99, No. 100.

TRAINS GOING NORTH.

Table with columns: Station, Det. Mail, Det. Ex., Daily, No. 1, No. 2, No. 3, No. 4, No. 5, No. 6, No. 7, No. 8, No. 9, No. 10, No. 11, No. 12, No. 13, No. 14, No. 15, No. 16, No. 17, No. 18, No. 19, No. 20, No. 21, No. 22, No. 23, No. 24, No. 25, No. 26, No. 27, No. 28, No. 29, No. 30, No. 31, No. 32, No. 33, No. 34, No. 35, No. 36, No. 37, No. 38, No. 39, No. 40, No. 41, No. 42, No. 43, No. 44, No. 45, No. 46, No. 47, No. 48, No. 49, No. 50, No. 51, No. 52, No. 53, No. 54, No. 55, No. 56, No. 57, No. 58, No. 59, No. 60, No. 61, No. 62, No. 63, No. 64, No. 65, No. 66, No. 67, No. 68, No. 69, No. 70, No. 71, No. 72, No. 73, No. 74, No. 75, No. 76, No. 77, No. 78, No. 79, No. 80, No. 81, No. 82, No. 83, No. 84, No. 85, No. 86, No. 87, No. 88, No. 89, No. 90, No. 91, No. 92, No. 93, No. 94, No. 95, No. 96, No. 97, No. 98, No. 99, No. 100.

TRAIN SERVICE VIA P. M. R. R.

No. 3-Daily except Sunday. Has Parlor Car Alpena to Bay City extra charge 25c.

No. 4-Daily. Has parlor car Detroit to Bay City and Pullman Sleeping Car Bay City to Alpena, Birth \$1.50.

No. 4-Daily except Sunday. Has Parlor Car Alpena to Bay City, extra charge 25c.

No. 10-Daily. Has Pullman Sleeping Car Alpena to Detroit, Birth \$2.00.

T. G. Winnett, H. A. Clough Agent, G. P. A. Tawas City.

Low Rates to the Northwest VIA THE PERE MARQUETTE RAILROAD.

During the months of March and April very low rates for Settlers will be made by the Pere Marquette R. R. from all stations to points in Montana, Idaho, Oregon and Washington.

For full particulars and information as to routes, rates, etc. call on any agent, or address W. C. BRITTON, District Passenger Agent, Saginaw, Mich.

CHICHESTER'S ENGLISH PENNYROYAL PILLS. Beware of Counterfeits. Refuse an Substitute. Safe. Always reliable. Ladies, ask Druggist for CHICHESTER'S ENGLISH in Red and Gold metallic boxes sealed with blue ribbon. Take no other. Refuse dangerous substitutions and imitations. Buy of your Druggist, or send 5c. in stamps for Particulars, Testimonials and "Relief" in all newspapers, by return Mail, 10,000 Testimonials. Sold by all Druggists. CHICHESTER CHEMICAL CO. 2100 Madison Square, PHILA., Pa. Mention this paper.

60 YEARS' EXPERIENCE PATENTS TRADE MARKS DESIGNS COPYRIGHTS &c. Anyone sending a sketch and description may quickly ascertain our opinion free whether an invention is probably patentable. Communications strictly confidential. Handbook on Patents sent free. Oldest agency for securing patents. Patents taken through Munn & Co. receive special notice, without charge, in the Scientific American. A handsomely illustrated weekly. Largest circulation of any scientific journal. Terms, \$3 a year; four months, \$1.00. Address: MUNN & Co. 361 Broadway, New York Branch Office, 625 F St., Washington, D. C.

Kodol Dyspepsia Cure Digests what you eat.

Kodol Dyspepsia Cure Digests what you eat.

Kodol Dyspepsia Cure Digests what you eat.

Kodol Dyspepsia Cure Digests what you eat.

Kodol Dyspepsia Cure Digests what you eat.