

# THE COOK COUNTY NEWS-HERALD.

VOLUME XXV.

GRAND MARAIS, COOK COUNTY, MINN., OCTOBER 18, 1916

MINNESOTA  
HISTORICAL  
SOCIETY NUMBER 20

## NEWS-ETTES OF GRAND MARAIS AND VICINITY

### Jottings Heard About Town of Things of General Interest to Local Readers

Don't forget Thursday night's show at the Princess.  
Jos. Carhart, Jr., of the Kelley How Thompson Co., was in the village Saturday evening.

The Norwegian Ladies Aid will meet with Mrs. Claus Hanson Thursday afternoon, Oct. 26th.

On account of the southwest storm Monday the America did not leave here for Duluth until Tuesday evening.

R. M. Woods arrived from the northern part of the county, having made a hurry-up trip on account of the forest fire.

Mr. R. E. Denfield, of the Department of Education of the State of Minnesota, was a visitor in the village on Monday.

The Rev. Father Simon, of Cloquet, will celebrate Holy Mass in the new church next Sunday the 22nd, inst., at 10 o'clock.

G. F. Lundquist and family returned from Duluth Sunday evening. Mr. Lundquist drove a brand new Overland which he bought while in Duluth.

Services in the Congregational church Sunday October 22nd as follows: Sunday school at 12 A. M., preaching services at 11, subject "Peace". Evening service at 7:30 P. M. All are invited.

We neglected to mention last week that Mr. Geo. B. Hughes had left for International Falls, where he has been employed to check up some of the road work that has been done there. He has been granted a leave of absence by our County Board.

Victor Johnson has purchased a dynamo and gasoline engine which he is now installing near the Princess Theatre for furnishing light for the theatre. He has heretofore been furnished with electricity from the Peoples Supply Co. plant.

A survey of a line running from the mill property to connect with the survey of the Grand Marais and Northwestern right-of-way is being made by Engineer Jas. A. Kirkwood, Jr. This work is being done for the Alger Smith Co., who are considering building a logging road and saw mill in this village.

Mr. and Mrs. L. P. Hagsted, of Duluth, J. M. Hill, of Chicago and Mrs. L. M. Ellefsen, of Fargo, drove down from Duluth Monday, returning Tuesday. Messrs. Hagsted and Hill are connected with the Booth Company, and came down to call on some of the fishermen.

A commercial club meeting on last Thursday night was attended by about twenty-five enthusiastic members. An adjourned meeting was set for this evening which promises to be even more successful judging from reports of the membership committee which was appointed at the last meeting.

The fishermen will hold a meeting at the court house next Saturday for the purpose of adopting by-laws and completing the organization of a Fishermen's Association. All the fishermen of the North Shore are urged to be present. The hour when this meeting is to be held has not yet been decided upon.

## PRIZE WINNERS AT THE COOK COUNTY FAIR

### List of Awards in Dept. "A"—Live Stock.

Two horse draft team—1st F. Frederickson, 2nd C. O. Johnson  
Two-horse general purpose team—1st B. Opsahl, 2nd J. Fisher.  
Brood mare—1st P. Backlund, 2nd J. Kinney, 3rd Ole Larson.  
Cow—1st Chris Murphy, 2nd J. Zerbach, 3rd J. Brenton.  
Heifer, under one year—1st J. Brenton, 2nd Chris Murphy, 3rd J. Brenton.  
Heifer, over one year—1st Chris Murphy, 2nd J. Pederson, 3rd Ole Allen.  
Hog—1st J. Massman, 2nd Iver Johnson.  
Brood sow—1st J. Hussey.  
Sheep—1st J. Kinney.

### List of Awards in Dept. "B"—Poultry.

American—1st A. Johnson, 2nd Tom Hussey, 3rd J. Massman.  
English—1st Tom Carter, 2nd A. V. Johnson, 3rd Tom Carter.  
Mediterranean—1st Mrs. Soderberg, 2nd Tom Carter, 3rd Tom Carter.

Display of Cook County Poultry—1st Tom Carter, 2nd A. V. Johnson, 3rd A. W. Stevens.  
Ducks—1st J. W. Babb.  
Special premiums—Tom Carter, A. W. Stevens.

Boys Class—Alton Bramer, Kate Anaquat, Ruth Anderson, Edwin Nunstedt.

### List of Awards in Business Men's Premiums.

Heaviest dozen of eggs—1st Mrs. Soderberg, weight of dozen 2 pounds 3 oz.; 2nd Mrs. A. Larson, weight of dozen 1 pound 14 1/2 oz.; 3rd Mrs. Elling Olson, weight of dozen 1 pound 14 oz.  
Pair of dressed spring chickens—1st Ole Allen, 2nd B. Opsahl.

### List of Awards in Dept. "I"—Indian work.

Basket, birchbark—1st Mrs. J. Collins, 2nd Mrs. D. Carribou, 3rd Mrs. Frost.  
Basket, special—1st Mrs. Frost, 2nd Mrs. L. Collins.  
Bead work—1st Mrs. Frost.  
Moccasins—1st Mrs. P. Laplante, 2nd Mrs. P. Laplante.  
Quilt—1st Mrs. J. Collins, 2nd Mrs. Newton, 3rd Mrs. Frost.  
Rug—1st Mrs. McDonough, 2nd Mrs. McDonough, 3rd Lizzie Ashawants.  
Mat—1st Mrs. F. Bramer, 2nd Mrs. Frost, 3rd Mrs. F. Bramer.  
Snowshoes—1st Mrs. D. Carribou.  
Canoe—1st

Special premium—Maple sugar—Wm. Howenstine.  
Special premium—wooden ware—Andrew Pederson.

### List of Awards in Dept. "K"—Fisheries.

Kippered fish—H. O. Engelson.  
Salt Siskos—J. G. Scott.  
Salt Trout—J. G. Scott.

Correction in Dept. "F" Vegetables and Fruit—Tomatoes, green, 2nd "J. Kinney," should read "Bud Hussey".

For Sale—Full Blood Barred Plymouth Rock cockerels. Price at farm \$1.00 each. Delivered to Hovland P. O. crated \$1.50, 3 for \$4.00.—C. F. Roberts, Grand Portage, Minn.

## FOREST FIRES THREATEN VILLAGE LAST SATURDAY

### Northwest Wind Drives Flames to Our Very Door Steps. No Damage Done.

On Saturday afternoon our village was threatened by a forest fire which swept toward the western part of the village at an alarming rate of speed, driven by the southwesterly wind which had been blowing all day and which seemed to gain in velocity as the fire neared the residences of the village. Fortunately at sundown the wind died down somewhat and changed to a more northwesterly direction. The fire burned to within about one hundred feet of the Axel Berglund, John Anderson and A. V. Johnson residences.

While the fire was quite a menace to the safety of the village for several hours on Saturday, it has proved to be more or less of a blessing in disguise as it will lessen the danger from forest fires for several years to come. It has also cleared up considerable land on the farms west of the village and next year will see a good many additional acres under cultivation which could not have been prepared without great expense in hand clearing.

The fire which threatened the village was the result of two fires meeting within our village limits one coming from the west and the other coming from farther north. There was no damage to timber except some that was only valuable as firewood.

For a time the farm residences of Ole Allen, J. N. Brenton, Mrs. Mary Method and Chris Murphy were in danger but this was before the fire had progressed to endanger the village and quite a number of our citizens had gone out there to assist in protecting the property in that settlement.

The fire along the shore road was burning on both sides of the road and the auto stage and a large number of auto tourists bound for our village were compelled to make a dash through the dense smoke and the intense heat from the fires along the road. One auto turned back a short distance west of the village and drove to Lutsen, driving through to the village on Sunday morning.

Other fires were reported on Saturday at Elbow Lake, North Lake, Island Lake and several other points in the county. While the brush and weeds and dead and down timber was quite dry, the soil was quite damp and there was very little burning in the ground as there was during the destructive fires of the past.

## DEATH OF MRS. PEPPE

Late last week news reached here of the death at Worthington, Minn., her home, of Mrs. Samuel F. Peppe, mother of Mrs. Jack Scott, Jr., of this place. Mrs. Scott, who went to Worthington several weeks ago, on account of the illness of her mother, was at her bedside when death came.

In a notice of Mrs. Peppe's death, the Worthington News pays the deceased this beautiful tribute: "The deceased was a woman of remarkable character and refinement, as is evidenced by the sons and daughters in whom she must have taken great pride. Between these and herself existed a strong attachment, which brought them to her bedside from the corners of the nation when it was thought her end was near. And in them she still lives on."

## Narrow Escape from Drowning

Mrs. Hjalmer Eliassen of Hovland, was horrified on last Friday to have her two oldest children come in and tell her that her youngest child was in the lake. She immediately ran out to find that the infant was floating in the chilly waters of Lake Superior and she immediately summoned help who carried the apparently lifeless body into the house. Resuscitation efforts were commenced immediately and continued for over an hour before the child responded by coughing and expelling some of the water that it had swallowed.

From the last reports that we have received the child is suffering no bad results from its narrow escape.

For Sale—Three second-hand sewing machines in good condition. Aug. J. Johnson.

For Sale or Rent—A four room residence on St. Paul Ave. Inquire from T. G. Sandeno.

## TITANIUM VALUABLE IN CASTING STEEL

### Ore That Was Considered Useless is Now Found to be Valuable. Large Quantities in Cook County.

By D. E. Woodbridge, M. E.

The steel industry has expanded so greatly as a result of the war in Europe that ironmasters, foundrymen and chemists have been busy for a year or two devising improvements in the use of various alloy metals during the processes of making steel. Their experiments have found uses for some of these elements and have greatly extended the efficacy of others until, under sharp demand the prices paid have put into profitable operation many properties that hereto have been of limited commercial value. Among these elements, titanium, hereto much neglected, and even regarded as a detriment in smelting iron ore, has been found useful as a deoxidizer in the preliminary casting operation, and steels treated with it have been found to possess certain valuable qualities not found in other metals. In fact, although it does not rectify all the existing evils in the steel casting operation it goes a long way toward making steel better.

The ordinary deoxidizers of iron and steel are ferrosilicon and ferromanganese, but it has become necessary to use a more active agent for cleansing and purifying steel designed for certain uses, so ferro-titanium has come into popularity and is admirably adapted for this purpose. Ferro-titanium, as made by the electrical furnace, carries in the neighborhood of 15 per cent titanium, 75 per cent iron and the balance carbon and other elements. It would be comparatively easy to make such an alloy from ores existing in northern Minnesota, especially in Cook county, many of which ores run up to 13 per cent titanium.

Titanium is called a rare metal, but is only so because it is seldom met with in nature under its own name and identity. This is because it unites with extraordinary eagerness with both the oxygen and nitrogen of the atmosphere and with other elements and metals prevalent in nature, and because it can be separated from these combinations only with great difficulty, so that it has never been found in the free state and has rarely been reduced from its compounds by artificial means. In every other respect it is far from rare, for it is one of the ten commonest elements in the earth's crust. The fact above noted, that it unites with extraordinary eagerness with other elements is the secret of its value as a cleanser of steel. It unites with the impurities and carries them away.

From the standpoint of the blast furnace, iron ores are not classed as titaniferous unless they contain more than 2 per cent or three per cent titanium, because smaller proportions give no especial difficulty in smelting. But there are mountains of iron ore in various parts of the world, including Sweden, Greece, Australia, and North and South America, that are idle because they contain from 5 per cent to 50 per cent titanium oxide. Most of these titanium bearing, or titaniferous, ores are magnetic.

The separation of titanium from iron in these titanium magnetites is usually carried out with great difficulty and high losses of iron because of the iron in the ore is contained in two different chemical combinations, one called magnetite (Fe<sub>3</sub>O<sub>4</sub>), the other called limonite (FeTiO<sub>2</sub>). Both these minerals, magnetite and limonite, contain iron in chemical combinations with oxygen, and in the case of limonite, in chemical combination with both oxygen and titanium. It is impossible to break chemical combinations by mechanical means, such as magnetic separation and the like, therefore when magnetic separation is applied to these ores, a large portion of the iron in the limonite is carried through in tailings, and the higher the percentage of titanium in the ore, the higher will these tailings assay in iron. Extensive experiments have been carried on with certain crude ores assaying 35 per cent iron, making this separation a commercial impossibility.

But there is a certain use for high titanium alloys. How limited this use may be is shown by the fact that in making steel rails, for instance, an addition of 13 pounds of ferro-titanium containing 15 pounds of titanium to the ton is sufficient (Continued on last page)

## OBITUARY

Mrs. F. R. Paine returned last Wednesday evening from Ashland, Wis., at which place on Monday last the body of her mother, Mrs. Catherine Hedican, was laid at rest in the family cemetery, following funeral services at the Catholic church at that place.

Mrs. Hedican, whose death was briefly noted in these columns last week, was born in Kerry county, Ireland, in 1827, she being 89 years old at the time of her death. At the age of nine years she emigrated with her parents to Pembroke, Canada, and at the age of nineteen she married Edward Hedican at that place. Thirty-one years ago the family moved to Ashland, Wis., where her husband died and was buried in 1891. Following the death of her husband she remained in Ashland about three years and then came to Grand Marais, having since made her home at this place with her daughter, Mrs. F. R. Paine.

Mrs. Hedican was the mother of eleven children, eight of whom are still living, the surviving children being five sons, Michael, Thomas, John, Daniel and Patrick; and three daughters, Mrs. Patrick Maney, Mrs. John Hanlon and Mrs. F. R. Paine. Through the ravages of age Mrs. Hedican was bed ridden during the last three years of her life. She was a patient sufferer, and with her pious thoughts ever turned to heaven, death came to her as to one passing into pleasant dreams. Having outlived the allotted span of life, the bereaved ones may well find much to console them in the beauty and peacefulness of her departure.

## MAPLE HILL NOTES

The Ladies Aid Society met at Mrs. Chris Nelsons Wednesday afternoon.

The Literary Society will meet at the church Monday evening. Everybody welcome.

Mr. and Mrs. And. Haugen and two sons motored from Two Harbors Sunday. They were the guests of Mr. and Mrs. And. Hedstrom.

The M. H. C. C. will meet at the town hall Saturday evening.

Superintendent Clinch is accompanying former Supt. Denfield, of Duluth, on a tour of inspection of the schools in the county.

The supper which was to be given Saturday evening at the town hall by the Ladies Aid Society was postponed until Sunday evening on account of the forest fire. The proceeds of the supper went to Rev. and Mrs. T. G. Sandeno as a farewell remembrance from the community.

Work has been commenced on the new Gunfint road.

The I. O. G. T. made candy at their meeting Friday evening. L. A. Simonson, of Duluth, was a visitor on the hill Sunday and Monday.

## FAIR NOTES.

With over 1,000 entries in the several departments and gate receipts of \$70.35, the fair showed a most promising advance over that of the previous year. Owing, either to a misunderstanding

## ALFALFA VERY HARD TO SUPPLY

### Turkestan Seed to Make up For Short Domestic Supply—Undesirable for Humid Sections.

During the fiscal years ending June 30, 1913, 1914, and 1915, approximately six million, five million, and seven million pounds, respectively, of alfalfa seed were imported, while during the fiscal year ending June 30, 1916, less than three and one-fourth million pounds were imported.

For several years Russian Turkestan has been the only country having a large surplus of seed available for international trade, but the supply of seed from this source has been practically shut off since the beginning of the European war, until the past winter, when shipments were begun by the way of the trans-Siberian railway, Vladivostok, and the Pacific ocean. Of the seed imported into the United States since July 1, 1915, more than half has been from Russian Turkestan, and no doubt more of this seed will be brought in as transportation can be arranged.

The short domestic supply of last year, together with the decreased imports, have resulted in a marked increase in the price of seed over that of a year ago. The lack of alfalfa seed in this country this year must be made up by importation, and this will necessarily be Turkestan seed. It is known that Turkestan seed is not well adapted for general use in the United States and that it is particularly undesirable for use in the eastern humid section (Continued on last page)

ing of the conditions, or to the expectation of an unusually severe winter, there were no entries for the Business Men's premiums for socks and mitts.

The annual meeting of the society, for the election of five members of the Board of Managers, and for the transaction of other business, will be held on Saturday, October the 21st, at the Court house at 1:30 P. M. It is hoped that as many as can possibly do so will be present.

A contribution of \$50.00 has been received from the town of Grand Marais.

## RURAL SCHOOL WEEK

October 16 to 20th is Rural School Week throughout Minnesota. The State Department of Education has sent to certain selected counties of the state, men connected with the Department of Education, the State University, and the State Normal Schools. These men visit the rural schools of the county in company with the county Superintendent of Schools, for the purpose of learning the actual conditions in the rural schools of the county and to secure information that will enable the Department of Education to be of greater service to such schools.

Supt. R. E. Denfield, of Duluth, has been detailed by the State Department of Education to co-operate with County Supt. Clinch in an inspection of the rural schools of this county.

## His Recommendation

A young man found it difficult to meet the request for a recommendation when he sought a new position in a strange city.

Finally he thought of his bank book and at the next interview produced the same as a recommendation of his thrift and industry.

The novelty of the idea linked with the continuity of deposits shown by the book, secured the position for him without further inquiry.

Have you a recommendation of this kind to back you, should you lose your present position? If not, get a pass book today and deposit your money with

## COOK COUNTY STATE BANK

Capital and Surplus, \$27,500.00

Have you tried it?



For Sale—Three second-hand sewing machines in good condition. Aug. J. Johnson.

For Sale or Rent—A four room residence on St. Paul Ave. Inquire from T. G. Sandeno.