

The Jarvis Record
Is published every Wednesday
at its office on
MAIN ST., JARVIS, ONT.
SUBSCRIPTION RATES:
Per Year (in advance) \$1.00
To the United States, \$1.50.

The Record Printing Co., Ltd.
JARVIS, ONT.
WEDNESDAY, SEPT. 15, 1920

County Council

(Continued from page 1.)
Houser-Holland—That the Road and Bridge Committee's report be read, carried.
To the Warden and Members of the County Council:
Gentlemen—We, your Road and Bridge Committee have met, and beg leave to report as follows:
That the building of Nelson Bridge deferred to some future date and the necessary repairs be made.
That the following accounts be paid:
David May, washers for Cayuga bridge.....\$ 2 48
C. Wilkinson, work Cayuga bridge 15 50
C. Clement, " " " 15 00
Ralph Currie, " " " 5 00
Peter Doyle, " " " 28 00
C. Dolan, work on Oshwego creek bridge..... 94 39
Burlington Steel Co., Hamilton, 36 bars steel for Nelson bridge 66 87
That special instructions be given to the constable at Caledonia and Cayuga to lay information against anyone driving horses over the bridges faster than a walk.
All of which is respectfully submitted,
(Signed), N. Buckley, Chairman.
McCallum-Berry—That the report of the Road & Bridge Committee be adopted as read, carried.
McCarter-Foster—That the Warden be authorized to sign a warrant for the sale of the following lands: James McCarthy, village of Cayuga, lot 1-3, N. Mohawk, \$116.75; Chas. Henry, village of Cayuga, lots 14-16, S. Talbot, \$70.29; Temperance Hall, village of Jarvis, cor. of Peel St., 1.5 acre, \$22.78, carried.
Hudspeth-Smelser—That the sum of \$6.00 be paid to Harry Hoshal, agent for the Mercantile Fire Insurance Co., being premium on \$400 insurance on pumping plant in gaol yard, carried.
Doyle-Clark—That the report of the Finance Committee be received and read, carried.
To the Warden and Members of the County Council:
Gentlemen—We, your Finance Committee, beg to report that we have examined the following accounts and recommend the same for payment:
House of Refuge supplies.....\$ 723 67
David May, rep. Cayuga bridge..... 2 48
C. Wilkinson, " " " 15 50
C. Clement, " " " 15 00
Ralph Currie, " " " 5 00
Peter Doyle, " " " 28 00
Chas. Dolan, rep. Oshwego bridge L. Werner, postage, Sept. 30..... 15 00
Haldimand Advocate, Sept. 2..... 17 35
United Typewriter Co., J. E..... 7 25
Provincial Treasurer, removal of prisoners..... 79 52
Joseph Doust, supplies for L. W. L. M. Patterson, Court Stenographer, Aug. 30..... 44 07
Baird Bros., repairs account, Court House..... 19 61
Thomas Walsh, quarterly salary to Sept. 30..... 43 00
Burlington Steel Co., reinforcing iron..... 66 87
Harry Hoshal, fire insurance..... 6 00
County Roads Construction
M. C. Ry Co., screenings.....\$2610 50
Wabash Fuel Co., steam coal..... 630 05
Hagersville Contracting Co., stone 3534 50
C. E. Fiebig, steam coal..... 808 40
J. E. Booker, hauling screenings 924 50
Kett Bros., hauling stone..... 2509 95
Milton Young, tractor and self..... 50 00
George Shraff, operating grader..... 10 00
Chas. H. Campbell, felt..... 1 50
N. Vanderburg, auto service..... 7 00
Charles Columbus, engine..... 9 00
Lorne Bowman, oil and rental of water tank..... 66 00
John Hadley, hauling fuel..... 2 00
John Knisley, damage to fence..... 10 00
The William Shirton Co., coal..... 4 41
A. Bailey, oak plank..... 48 16
Napanea Iron Works, house and tar..... 68 85
H. McFarlane, drag scrapers..... 60 75
Wood, Alexander & James, tool steel..... 21 85
Sawyer-Massey Co., suction hose..... 22 44
E. E. French, repairs..... 1 40
Canada Ingot Iron Co., culvert..... 129 95
Canadian Explosives, Ltd, dynamite..... 653 06
John P. Kindree, new axle..... 8 00
Harvey D. Young, repair of plow Chas. W. Reynolds, stringers..... 18 00
F. E. Sheldrick, repairs..... 71 25
D. Dashwood & Son, repairs..... 9 75
Albert Schurr, rental and work..... 728 85
Nelson Dennis, boarding man..... 5 29
L. Hoffman, 1 1/2 cords wood..... 12 00
Franklin Bros., repairs..... 4 00
Albert Best, stone..... 70 10
Mrs. Helen Ingles, explosives..... 25 00
Wm. Edwards, repairs..... 71 50
Robert Hambleton, stone..... 107 10
J. J. McCutcheon, coal..... 17 78
Thos. G. Scott, hardware..... 1 00
J. H. Piper, repairs on grader..... 8 00

D. M. Metcalf, inspecting boilers 27 65
Cougdon & Marshall, repairs..... 125 75
R. L. Melick, gasoline and oil..... 3 81
James Sheldrick Estate, repairs..... 43 80
Imperial Oil, Ltd., gasoline..... 454 13
W. S. Hudspeth, auto service..... 15 00
W. G. Clark, inspecting..... 8 00
Donald McCullum, auto service..... 15 00
MacConnell & Hicklin, advance on contract..... 4000 00
All of which is respectfully submitted,
(Signed), W. A. Houser, Chairman
Berry-Bradford—That the report of the Finance Committee be adopted as read, carried.
Berry-McCallum—That this council resolve itself into a committee of the whole, with Mr. Hudspeth in the chair, Carried.
Pyle-McCarters—That this committee of the whole do now adjourn, and the Warden take the chair, Carried.
Pyle-Holland—That the County Council of Haldimand desire to express their appreciation of the kindness of the members of the Shriners Club of Dunnville, and their wives, in entertaining the inmates of the House of Refuge, and giving them such an enjoyable outing on Sept. 1, and the clerk forward a copy of the same to the Shriners' Club, Carried.
Smelser-Buckley—That the report of the Committee of the Whole be received and read, Carried.
To the Warden and Members of the County Council:
Gentlemen—Your Committee of the Whole beg leave to report as follows:
1. Regarding fire escapes for the House of Refuge, Dunnville, that two iron stairways two feet wide be installed to comply with government regulations.
2. That the letter from MacConnell & Hicklin regarding the reinforcing of Cayuga bridge be filed with the clerk.
3. Re the Mother's Pensions Act; that the following names be submitted to the Commission, with the first two as the County Council's choice:
Mr. H. Arrell.....Caledonia
Mr. J. W. Sheppard.....Cayuga
Mr. J. L. Mitchener.....Cayuga
Mr. G. E. Parkes.....Dunnville
Mr. Geo. Duff.....Lowbanks
Mrs. R. N. Berry.....Caledonia
Mrs. Wm Thompson.....Canfield
Mrs. E. Kelly.....Dunnville
Mrs. W. R. Jackson.....Dunnville
Mrs. L. Werner.....Dunnville
Mrs. S. E. Lindsay.....Hagersville
Mrs. Wm. Simpson.....Jarvis
All of which is respectfully submitted,
(Signed), W. S. Hudspeth, Chairman
Buckley-Smelser—That the report of the Committee of the Whole be adopted as read, Carried.
Clark-Berry—That we do now adjourn to meet on October 14 at 10 a.m. Carried.

GREEDY WHITE GRUBS
Larvae of the Big May Beetle or "June Bug."
Wireworms Come From the Click Beetle—Rotation of Crops Best Remedies for These Insect Pests—Cider Making.
(Contributed by Ontario Department of Agriculture, Toronto.)
WHITE grubs are the larvae of the large dark brown May beetles, or "June Bugs," as they are commonly called, which are familiar to everyone. The grubs breed for the most part in old pastures where the sod has not been broken up for some years. When fully grown they are thick, fat creatures, white in color, with the body partially curled up and the last segments of a darker hue from the food showing through the skin. They feed on the roots of the grass, and when this has been ploughed up they attack whatever plant may be grown. Three years are spent underground, then the beetles appear, often in great swarms, in the early summer and devour the tender foliage of trees and shrubs. After buzzing about in the early evening they settle down to feed and when daylight comes they hide away underground where the soil is loose and under grass or rubbish about fences and buildings.
The grubs, being underground feeders, are very difficult to control. A great variety of experiments have been made with chemicals of many sorts, but none has proved successful. The only method of control is the adoption of a system of rotation of crops. No field should be left in grass for more than three years. An old pasture, when broken up, is often found to be full of these grubs and they will attack the roots of any plants that are sown in place of their ordinary food, which has been removed. Corn and potatoes will suffer severely, but clover is least affected by them and may be seeded down with rye. After the second year any crop will usually be safe. Deep ploughing in October before the weather becomes cold will expose the grubs and destroy many. Pigs and poultry, crows and other birds and skunks greedily devour them. Where an old field is large it would be well to confine them with hurdles to a small portion at a time, and when that is cleared move them on to a fresh feeding ground.
Wireworms are the larvae of Click beetles, so called from their curious habit of springing up in the air with a "click" when laid upon their backs. The beetles are long and narrow, rounded above, with very short legs, and usually dull gray or black in color. The grubs are long and round, with a very hard skin, from which they get their name of Wireworms, and yellow or whitish in color. Their life history is very similar to that of the White Grubs, as they thrive in old pastures and take two or three years to mature. They feed upon the roots of any plants that may be grown where they are, and are especially injurious to corn and potatoes, in the latter of which they often burrow great holes. As in the case of the White Grubs, no treatment of the soil with poisons of any kind has been found effective. There is a prevalent idea that salt will kill them, but this is an entire mistake. The only remedy is a short rotation of crops, as in the case of White Grubs. Ploughing in August and cross-ploughing in September will destroy great numbers. Clean cultivation, leaving no weeds or other shelter for the beetles, in fence corners and elsewhere is also of importance.
Break up the old pastures to the advantage of farmers should follow.—Dr. C. J. S. Bethune, O. A. College, Guelph.
Cider Making.
Sweet cider is fermented apple juice and hard cider is fermented apple juice. To get the juice the apples are either crushed or ground in a cider mill and the juice expressed from the pulp.
The fermentation of apple juice, or any other fruit juice, is brought about by the development in it of yeast. Yeast cells are microscopic plants invisible to the naked eye and are always present on the surface of fruit. When the fruit is crushed to get the juice many of these cells get into the juice, and if these are not destroyed they will induce fermentation.
Consequently, in the manufacture of sweet cider we must destroy the yeast cells that are present and prevent others from getting in. The sure way of doing this is to pasteurize the juice immediately after it is obtained from the fruit and store away in well-sealed containers. In the case of cider the pasteurization process means heating the juice to 170 degrees F. for ten minutes and then filling into containers that have been scalded and can be tightly corked. Care should be taken not to let the temperature get above 170 degrees F. during pasteurization or the character of the juice will be injured. The juice is then stored away at a low temperature to allow it to clear.
Hard cider is produced by allowing the fresh apple juice to ferment in the cask. The fermentation is naturally induced by the activities of the yeast cells that get into the juice from the surface of the apples. As, however, there are various kinds of yeast cells and also many molds, it is better to be on the fruit which may injure the quality of the cider, spoiling the flavor, it is a good plan to control the fermentation either by first pasteurizing the juice and then adding a good yeast to the raw juice as soon as obtained from the apples. The addition of this good yeast will hasten the desired fermentation and check the mold development.
The best temperature for fermentation is 75 degrees F.—Prof. D. H. Jones, O. A. College, Guelph.

UNRESERVED AUCTION SALE
Farm Stock, Implements, Etc.

Owing to illhealth the undersigned will offer for sale by public auction on Lot 3, Con. 11, Walpole, on
Thursday, Sept. 23rd
At 1 o'clock p.m.,
28 Head of Cattle, Poultry, Implements, &c.
TERMS—Over \$10, 12 months credit; 5 per cent. off for cash.
JOHN HARVEY, Proprietor
BEN HURST, J. O. SLACK, Auctioneers, Clerk

Choice Line of **Fresh and Cured Meats** on hand at all times.
We also carry Fresh Sausage, Cooked Ham, Bologna and Weiners, Lard, Margarine and Mince Meat.
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We Refund Car Fare from Jarvis on a purchase of \$6.00 and over, Hagersville \$9.00 and over, and from Nelles Corners on \$10.00 and over.

Murdoch's
Simcoe's Favorite Shopping Place

CIDER

A new Hydraulic Press has been installed on the property of Mr. Bert Ionsen, Sandusk, and will begin operations on Sept. 20th. Your patronage is respectfully solicited.
No grinding taken in Saturday.
BERT IONSON, SANDUSK

Trout Fishing in Canada



Fishing near St. Marguerite, P.Q.

More benefit is derived from recreation in the open country than from any other form of amusement, and fishing is one of the happiest and most health giving of pastimes. Summer is fishing time, and Canada has numerous lakes and rivers where there is abundance of fish of all varieties to tempt the angler. Trout fishing is amongst the most popular forms of this sport.
To fish successfully for trout his habits must be known. His habits in one part of the country will be different from the habits of his brothers in the lakes and streams of other different sections of the country. The trout loves clear swift running streams, whether large or small, the bottoms of which are filled with boulders and gravel. He is wont to hide under the overhanging banks of the streams and under and along fallen trees in deep holes made by these obstructions of the current. It is particularly advantageous to look for trout among the fast moving rapids, or in the eddies along the banks. The trout feeds largely on insects. He is a keenly forager for food, and he is often seen chasing the small minnows during the middle of the day, and then leaping in the air for black flies and moths. He takes plenty of oxygen, and delights

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Visiting Brethren Welcome.

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Canada Can



Trout Fishing at Banff

in the white-capped foaming waters below a fall in the stream.
Kaslo, B.C., is the headquarters for trout fishers on the upper Kootenay lake. Holiday makers who are visiting beautiful Banff may catch excellent trout in the Bow river. Splendid trout fishing may be had at Ingon, Ontario, and in the rivers and lakes among the Laurentian Mountains, Quebec; in fact there is trout fishing to be had in nearly all Canadian waters of any great extent. But those who are seeking a big haul should go to places that are not too much frequented.

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