MARKETS 3 and FINANCE

produce offered on Central Market this morning was the largest of the New Year, immense quantities of beef and Year, immense quantities of beef and other meats being on sale and the fruit and vegetable markets also made a good showing. Dressed hogs advanced 25 cents and lamb went up to \$12, or an advance of \$1.50 per hundred.

Trade on the grain market was brisk. Oats went up 1½ cents while buckwheat, was 3 cents higher.

Very few changes occurred, the tone of the market being steady.

Standard prices at 8 a. m.:

Dairy Produca.

Dairy Produca.

Good supply and demand, price		0 30
Cooking butter		0 25
Choese, new, per lb		0 00
Cheese, old, per lb		
Eggs, dozen		
Cold storage eggs	2 25 to	0 28
Poultry.		
Chickens, pair		4 85

Chickens, pair Geese, pound Turkeys, lb. Ducks, pair	0 12 to 1 00 to 0 21 to	0 14 2 00 0 25
Fruits.		
Large supply, demand good, changed.	prices	un-
Cooking	0 15 to	0 20
Snow apples	0 20 to-	0 30
Greenings	0 10 to	
Northern Spys, backet	0 20 to	
Northern Spys, bushel	0 60 to	
Pears basket		0 30

Cooking 0 15 to	0 20
Snow apples 0 20 to-	0 30
Greenings 0 10 to	
Northern Sove basket 0 20 to	0 35
Northern Spys, bushel 0 60 to	1 00
Pears basket 0 20 to	0 30
Vegetables, Etc.	
Supply and demand large, no change prices.	in
Corrots, basket 0 20 to	0 00
Lettuce, per bunch 0 03 to	0 05
Parsley, doz 25 to	0 00
Beets, basket 0 20 to	0 00
Celery, doz 30 to	0 50
Potatoes, bag 0 60 to	0 75
Potatoes. bush	0 55
Potatoes. basket 0 20 to	0 25
Cauliflower 0 05 to	0 10
Cabbage	0 01
Pumpkins 0 10 to	0 15
Hubbard se ash, each 0 10 to	0 00
Citrons, each 0 05 to	9 08

Parentps. basket J 20 to	0 20
Curley Kule, each 0 05 to	0 05
Turnips, white, basket 0 20 to	0 30
Turnips, yellow, bushel 0 30 to	0 30
Oyster Plant, bunch 0 05 to	0.05
Supply and demand fair, no change.	
Creamery butter 0 30 to	€ 33
Smoked Meats.	
(1. Table 1988) (1982) (1988) (1 Table 1988) (1982) (1984) (1984) (1984) (1984) (1984) (1984) (1984) (1984) (1984)	
Bacon, sides, 1b 0 16 to	0 17
Bacon, backs, Ib 0 17 to	0 18
Hams, lb 0 15 to	0 17
Shoulders, lb 6 11 to	
Lard 121/4 to	
Carrots, basket 0 20 to	
Pork sausage, lb 0 07 to	
Frankforts 0 08 to	
Frankforts 0 08 to	4 00

Immense supply, bi		nd.	Dr	ess	ed	ho	gs
Christmas Beef			8	00	to	9	00
Beet. No. 1; cwt			7	00	to	8	00
Beef. No. 2, cwt.			6	00	to	6	00
Beef, No. 3, cwt			3	00	to	5	00
Live hogs			6	00	to	6	2
Dressed hogs			8	50	to	9	00
Veal per cwt			8	00	to	10	OI,
Mutton per cwt			6	00	to	7	.00
Spring Lambs			11	00	to	12	00
	Fish.						

Spring Lambs			
Fish.			
Good supply and demand, no			
Pickerel, 1b	0	10 to	0 00
Salmon Trout, 2 lbs	0	25 to	0 25
Whit Fish, 2 lbs	0	25 to	0 25
Perch. 1b	0	10 to	0 00
Herring, 1b	0	10 to	0 00
Herring. doz	0	20 to	0.00
Halibut, lb	0	20 to	0 (10)
Haddock, lb	0	10 to	0 00
Pike. lb	0	10 to	0.00
Cod. 1b	0	10 to	0 00
Eels	0	10 to	0 00
Flourders	0	10 to	0 10
Mackerel, each	. 0	20 to	0 25
Snicked salmon	. 0	15 to	0 15
Lake Erie herring, lb	0	10 to	0 00
Ciscoes dozen	0	20 to	0 30
Fippap huddle, lb	0	10 to	0 00

The Hide Market.
Fair supply, demand small, prices steady.
Wool Dound, washed
Wool, pound, unwashed 0 08 to 0 06
Calf skins, No. 1, pound 0 15 to 0 00
Calf skins, No. 2, pound 0 13 to 0 00
Calf skins, flat 0 00 to 121/2
Calf skins, each 1 00 to 1 2
Horse hides, each 1 50 to 2 50
Hides. No. 1. per ID 872 10 875
Hides, No. 2, per lb 71/2 to 71/2
Hides, flat 0 07 to 75
Sheop skins 0 70 to 0 70
Grain Market.

6	irain	Mar	ket.			
Receipts and		eries	fair,	oats	fir	me
Barley				0 52	10	0 1
Wheat white,	bush.			0 93	to	0 !
Do., red, bus	h			0 93	to	0
Oats				0 42	to	43
Rye				0 70	to	0
Buckwheat				9 55	to	0
Chopped corn .				1 35 to	0	1
Corn				0 75	to	0
Peas				0 80	to	0
	ay ar					

TORONTO MARKETS

----- X FARMERS' MARKET

The offerings of grain to-day were limited, there being only 600 bushels. Wheat unchanged, 100 bushels of fall selling at 94c. Barley steady, 100 bushels of maiting selling at 58c. Oats steady, 400 bushels selling at 43c per bushel.

bushel.

Hay in good supply, with prices unchanged; 40 loads sold at \$12.50 to \$13.50 for No. 1, and at \$8 to \$11 for mixed. Straw is steady, six loads selling at \$12 to \$14 a ton.

Dressed hogs are unchanged at \$8.50 for heavy, and at \$8.75 to \$9 for light. Wheat, fall, bush ... 8 0 94 \$ 0 00. Do., goose, bush ... 0 90 0 91 Oats, bush ... 0 43 0 00 Barley, bush ... 0 52 0 58 0 52 0 70 0 87 12 50 8 00 12 00 8 50 0 27 0 30 0 45 0 30 0 12 0 10 Hay, per ton 12 50 13
Do., No. 2 800 11
Straw, per ton 12 00 14
Dressed hogs 850 9
Butter, dairy 0 27 0
Do., creamery 0 30 0
Eggs, new laid 0 45 8
Do., freeh 0 30 0
Chickens, dressed, lb 0 12 0
Geese, lb 0 10 0
Turkeys, lb 0 18 0
Cabbage, per dozen 0 30 0
Onions, bag 0 80 0
Onions, bag 7 0 85 0
Do., freequarters 5 00 6
Do., choice, carcass 7 50 8
Do., meoium, carcass 5 00 6
Mutton, per ewt 8 50 10
Lamb, per cwt 9 00 10
Lamb, per cwt 9 00 10
Lamb, per cwt 9 00 10
WINNIPEG WHEAT MARKET.
Wheat January 98 34e bid, Ju

BRITISH CATTLE MARKETS. London.—London cables for cattle are steady, at 13 to 141-2c per pound, dressed weight; refrigerator beef is quoted at 91-4 to 95-8c per pound.

WALL STREET NEWS. Spot copper in London is 2s 6d lower £63, and futures 2s 6d lower at £63

at £63, and futures 2s 6d lower at £63 15s.

New York banks gained \$7,125,000 through sub-Treasury operations the past week.

The suspension of Hackley, Baxter & Seed, of 43 Exchange Place, and of C. W. Willets, for failure to meet balances due at the Clearing House, were announced on the New York Consolidated Stock Exchange this morning.

The \$1,000,000 gold withdrawn, half from the sub-Treasury and half from the assay office in New York, will be shipped to Paris to-morrow by the National City Bank.

Conservative estimate of People's Gas Co. earnings for last year shows 8 per cent, on the stock.

Directors of B, & O, are scheduled to meet for dividend purposes on Jan. 14, and there is general the stocks.

GOLD IN QUEBEC. GOLD IN QUEBEC.

The placier gold deposits on the Chaudiere, 60 miles south of Quebec, are to be worked again, after being tied up in litigation for many years. W. J. Morrison is now the owner. He says that the mines paid a royalty on \$1,600,000 to the Quebec Government before they were tied up.

TORONTO EXCHANGE.

Friday Morning Sales. Foster—1,000 at 52 1-8, 10 at 48, 1,000 at 51,1,000 at 52, 3,000 at 52, 500 at 52, 500 at 52, 450 at 52, 500 at 52 1-2.

McKinley-100 at 99, 100 at 99. Little Nipissing-100 at 41, 1,000 at Peterson-400 at 35, 100 at 35, 100 at

Silver Leaf—100 at 14.

Kerr Lake—100 at 8, 100 at 7.99, 100 at 8, 100 at 7.99 1-2, 200 at 8, 200 (30

Otisse-1,000 at 44, 500 at 44, 400 at 44, 100 at 44, 500 at 44, 500 at 44, 500 at

44, 100 at 49, 500 at 48, 500 at 48, 500 at 44, 500 at 44, 500 at 44, 500 at 45, 500 at 50.

Scotia—500 at 62, 500 at 62.

Chambers—100 at 79 1-2.

Rochester—1,000 at 24, 500 at 25, 500 at 24, 2,000 (60 days) at 26, 1,000 (30 days) at 25 7-8c.

Silver Gueen—100 at 98.

ays) at 25 7-6c.
Silver Queen—100 at 98.
Trethewey—500 at 1.47.
Friday Afternoon Sales.
Foster—500 at 50, 500 at 51, 200 at 52, .000 at 53, 1,500 at 53.

Scotia—200 at 62, 1,000 at 61 1-2, 1,000 at 61 1-2, 500 at 61 1-2, 1,000 at 61, 500 at 61. tt 61.
Peterson—200 at 34 1-2, 100 at 35, 100 at 35, 500 at 34.
Rochester—100 at 24, 1,400 at 24 1-4.
Silver Leaf—100 at 14.
Silver Queen—100 at 18.
Priday 'Morning Sales.
Beaver Consolidated—150 at 24½, 500 at 24½.

Beaver Consolidated—150 at 24¾, 500 at 24¾, 500 at 24½. Chambers Ferland—100 at 80, 100 at 80. Buyers 60 days, 250 at 88. City of Cobalt—100 at 2.50. Cobalt Lake—500 at 17.4, 500 at 17.1-2, 500 at 18.1-2, 500 at 18.3-4, 500 at 18.3-4, 500 at 18.2, 500 at 18.2, 1000 at 20.1-2. Foster—1 at 50, 1000 at 50, 500 at 50, 50 a

0 12 8.40. 0 20 Little Nipissing—100 at 41, 200 at 41, 0 50 300 at 41, 1000 at 41, 500 at 41 1-2, 400

00 at 55, 1,450 at 54. Buyers 60 days

1,000 at 61.

Silver Leaf—500 at 14 1-4, 5,000 at 14 1-8, 1,200 at 14, 500 at 14, 1,000 at 14, 500 at 14, 1,000 at 14, 500 at 1.6, 100 at 1.6, 100 at 1.6, 100 at 1.60, 500 at 1.67, 100 at 1.63, 50 at 1.68, 100 at 1.60, 500 at 1.67, 500 at 1.63, 50 at 1.68. Buyers 60 days, 1,000 at 1.83.

Trethewey—100 at 1.47, 1-2, 100 at 1.47, 100 at 1.47, 100 at 1.47, 1-2. Watts—100 at 3.

Arethewey—100 at 1.47 1.2, 100 at 1.47, 100 at 1.47, 100 at 1.47, 100 at 1.47 1.2, 100 at 1.47, 100 at 52, 500 at 51 1.2, 1,000 at 52, 200 at 51 1.2, 500 at 51, 500 at 51, 1,000 at 50 1.2, 500 at 51, 500 at 51, 1,000 at 51, 500 at 51, 2, 500 at 50, 500 at 51, 1,000 at 51, 500 at 52, 500 at 52, 500 at 52, 500 at 52, 100 at 52, 100 at 52, 100 at 52, 100 at 51, 500 at 52, 500 at 52, 500 at 51, 500 at 52, 500 at 51, 500 at 52, 1,000 at 52, 200 at 51, 500 at 51, 500 at 51, 500 at 41, 500 at 41,

For at 41 1-2.

Peterson Lake—200 at 34, 1,000 at 33-1-2, 500 at 34, 500 at 33 1-2, 500 at 33

1-2.

La Rose—7 at 6.25, 25 at 6.40.

Chambers-Ferland—250 at 80.

Temiskaming—500 at 1.67, 500 at 1.-67, 1,000 at 1.67, 1,000 at 1.67, 500 at 1.66, 500 at 1.66.

Otisse—11,000 at 42 cash.

Amalgamated—100 at 12.

Rochester—2,000 at 22 1-2, 1,000 at 23-

Amagamarea—100 at 12.

Rochester—2,000 at 22 1-2, r,000 at 23-1-2, 400 at 23 1-2, 1,000 at 23 1-4, 1,000 at 23 1-4, 2,000 at 23 1-4, 1,000 at 23 1-4, 2,000 at 23 1-4.

Cebalt Central—500 at 54, 1,000 at 54.

Hudson Bay—1 at 2.90.

BRADSTREET'S TRADE REVIEW

Conservative estimate of People's Gas
Co. carnings for last year shows a per
cent, on the viscol.

Directors of B. & O. are scheduled to
Directors of B. & D. are scheduled to
Directors

some activity is looked for in the course of the next few weeks. Collections are now fairly good. Wholesalers are ex-pecting a brisk sorting trade in general winter lines.

NEW YORK MARKETS

Reported by A. E. Carpenter & Co., 102 King street east: RAHLROADS

1	Open, I	ligh.	Low. (Close.
	Atchison	100.1	99.4	99.6
1	At. Coast 109.4	109.4	109.4	109.4
	Brooklyn 68.6	69	67	68
0	Balt. & Ohio 110.5	110.5	109.7	110
3	Can. Pacific 176.6	176.6	175.7	175.7
3	Brooklyn	57.6	56.5	57.2
	Col. Southern 66 Del. & Hudson 180.2	66	64.4	65.6
ė	Del. & Hudson 180.2	180.2	178	178
S	Erie	48	47.6	47.6
	Grt. Nor. pref 145.5	145.5	145	145.5
	Grt. West 8.5	8.5	8	8.4
	Ills. Central 145.4	145.4	144.6	144.6
d				
	M., K. & T 44	44	41.7	42.3
	Nor. Pacific 141.4	141.4	140.1	140.5
i	N. Y. C 128 Norfolk & W 86.7	128.1	126	126.6
	Norfolk & W 86.7	86.7	85.7	- 86
	Penna	133.3	132.4	132.7
	Penna 133 Reading 141 Rock Island 25.6	141	137.6	138.5
	Rock Island 25.6	25.6	24.4	24.6
	Sou. Pacific118.6	118.6	116.7	117.3
g	Southarn Ry 26.4	26.4	25.4	25.4
1	St. Paul 140 9	140 3	147 2	148 5
,	Texas 36 Third Ave 38.7 Twin City 98.6	36	35.2	35.4
	Third Ave 38.7	38.7	37.4	37.5
)	Twin City 98.6	98.6	98.4	98.4
	Union Pac 179.6	180.1	177.5	178.3
	Wabash 19.2	19.2	18.6	18.6
	INDUSTRI	ALS.		

Twin City 98.6	98.6	98.4	98.4
Union Pac 179.6	180.1	177.5	178.3
Wabash 19.2	19.2	18.6	18.6
INDUSTRI	ALS.		
Amal. Copper 83.4			
Anaconda Cop 48.4			
Am. Car Fdy 49.6			
Am. Loco 57.2	57.2	56.2	56.2
Am. Smelter 87.2	87.2	84.4	85.2
Col. Fuel 43	43	40.4	41.1
Distillers 37.2	37.2	37.2	37.2
Con. Gas 126.4	126.4	125.2	126.2
Lead 78	78	76.6	76.6
Utah Cop 46.1			
Rep. Steel 25.6			
Sugar	127.5	127	127.5
U. S. Steel 52.6	52.7	51.6	52.2
U. S. Steel pref. 113.2	113.2	112.6	112.6
Vir. Chem 44.6			
Am. Cot. Oil 43.6			

A. E. CARPENTER & CO.

STOCK BROKERS, 102 King Street East.

0 20 | Little Nipissing—100 at 41, 200 at 41, 200 at 41, 300 at 41, 1000 at 41, 500 at 41 -2, 400 at 41, 60 at 41, 60 at 41. We advise the purchase of Hargrave Silver Mines. We will send prospectures on application.

The History of Niagara.

Dr. J. W. Spencer, who has made a specialty of the study of the geological history of the Study of the Study of the geological history of the Study of the geological

Apples, bbl. 2 00 3 50

Beef, hinuarters 8 00 9 00

Do., forequarters 5 00 6 50

Do., choice, carcasa 7 50 8 00

Do., choice, carcasa 7 50 8 00

Mutton, per cwt 6 50 8 00

Veal, prime, per cwt 8 50 10 00

Lamb, per cwt 9 00 10 50

Minnipeg Wheat Market.

What-January 98 3-4c bid, July \$1.02 1-8 bid.

Oats-January 36 3-4c bid, May 40 7-8c

bid.

TORONTO SUGAR MARKET.

St. Lawrence sugars are quoted as follows: Granulated, \$4.50 per cwt., in barrels, and No. 1 golden, \$4.10 per cwt., in barrels, and No. 1 golden, \$4.10 per cwt., in barrels, and No. 1 golden, \$4.10 per cwt., in barrels, and No. 1 golden, \$4.10 per cwt., in barrels, and No. 1 golden, \$4.10 per cwt., in barrels, and No. 1 golden, \$4.10 per cwt., in barrels, and No. 1 golden, \$4.10 per cwt., in barrels, and No. 1 golden, \$4.10 per cwt., in barrels, and No. 1 golden, \$4.10 per cwt., in barrels, and No. 1 golden, \$4.10 per cwt., in barrels, and No. 1 golden, \$4.10 per cwt., in barrels, and No. 1 golden, \$4.10 per cwt., in barrels, and No. 1 golden, \$4.10 per cwt., in barrels, and No. 1 golden, \$4.10 per cwt., in barrels, and No. 1 golden, \$4.10 per cwt., in barrels, and No. 1 golden, \$4.10 per cwt., in barrels, and No. 1 golden, \$4.10 per cwt., in barrels, and No. 1 golden, \$4.10 per cwt., in barrels, and No. 1 golden, \$4.10 per cwt., in barrels, and No. 1 golden, \$4.10 per cwt., in barrels, and No. 1 golden, \$4.10 per cwt., in barrels, and No. 1 golden, \$4.10 per cwt., in barrels, and No. 1 golden, \$4.10 per cwt., in barrels, and No. 1 golden, \$4.10 per cwt., in barrels, and No. 1 golden, \$4.10 per cwt., in barrels, and No. 1 golden, \$4.10 per cwt., in barrels, and No. 2 golden, \$4.10 per cwt., in barrels, and No. 2 golden, \$4.10 per cwt., in barrels, and No. 2 golden, \$4.10 per cwt., in barrels, and No. 2 golden, \$4.10 per cwt., in barrels, and No. 2 golden, \$4.10 per cwt., in barrels, and No. 2 golden, \$4.10 per cwt., in barrels, and No. 2 golden, \$4.10 per cwt., in barrels, and No. 2 golden, \$4.10 per cwt., in barrels, and No. 2 golden, \$4.10 per c

By Special Arrangement THE TIMES

New York and Stocks each day

BOYS AND GIRLS IN PERSIA. The Boys Have Beautiful Manners and Are Very Precocious.

Persian children, generally speaking, are very precocious, and their education is looked after at an early age. Among the well to do class there is always a private tutor.

In order that their children should not be alone in learning these parents take also the children of poor families and offer them the same advantages and opportunities.

portunities.

These children often excel, as they are

These children often excel, as they are more ambitious, and some of the greatest poets and philisophers have come from the poorer classes. There are schools in every street where the poor can go and where the charges are a mere pittance—40 or 50 cents a month.

Among the wealthy families each boy has what is termed a governor. He is a man of education, and it is his care to train the young man with regard to his manners, the care of his clothes and see that he is kept clean. If he goes out for a call this person accompanies him, stands by him and instructs him what to do, sits by him at table and is his constant companion, looking not only after his material welfare, but spiritual as well.

but when you are kept out of the garden and have only a single rose brought to you you will inhale its perfume and appreciate its beauty.

So it is with the young: when they

seldon see one of the opposite sex they value them more and make better wives and husbands. From 12 to 16 is the marriageable age for boys, and girls even

marriageable age for boys, and girls even younger.

The children are so precocious that they will learn in two hours what will require an American boy two days. As an instance, I have personally studied many young children of 5 or 6 who were high up in classes of the public schools. To see a child of 7 recite scenes from ancient history and solve arithmetical problems is more than astonishing, especially when one remembers that the same child, being one of many children of the same family, has had hardly any but nature and the elements to mature him.

There are of course many exceptions and the rich and well to do families have unusual numbers of servants and nurses to bring up their children, but as a whole on account of the very large families the parent cannot but leave the children largely to nature, and that is why they are so strong and hardy.

The country tribes are very similar to our American Indians, Persia is very

parents may become prominent if he is

They are waking up in a most surprising way. Where two years ago there were only six newspapers in all Persia, there are now 150, and they are read by all classes.

Classes.

Fair and Colder.

When the days are short and dreary, and the birds have left the branches of the birds have left the branches of the trees across the way;

When the confields are all blackened by the frost king's magic wand, And the skater's laugn is imging from some nearby frozen pond;

Then our hearts are beating gladly to the tune the north wind plays As he blows his clarion (rumpet all along the roadside ways.

Where, alnon, the merry sleigh bells will be junging as they go

With the steeds that bear the sleighers over miles of sparkling snow.

Summer has her unmatched pleasures in her wealth of fragrant flowers, Bird notes, and the south wind crooning through the long, bright, sunny hours;
But were life one endless summer lapped in days of dreamless ease,
We should miss the martial music of that song in many keys.

We should miss the martial music of that song in many keys, Which arouses us to action as the north wind fares away Over hill and ever valley with his rous-ing roundelay.

Premature Set of Teeth.

Premature Set of Teeth.

A month-old baby with a full set of small but perfectly "developed teeth caused a sensation at a recent meeting of the Vienna Medical Society. The premature appearance of teeth has been known before, but in this case the child is normal in the development of bones and hair and in nutrition, a healthy boy of normal parentage, and the doctors are at a loss to explain the twenty fine teeth.

Some women are such slaves to dress that they are willing to work for their clothes.—Dallas News.



This rich, delicious, creamy beverage will greatly help to keep a well woman really well-and to bring a sick woman quickly back to health. This is the

dublin stout

made of selected Irish barley malt the most nourishing, easiest-digested of all products of grain. digested of all products of grain. Even a very weak digestion can realize speedy and great good from the regular use of this honestly brewed, body - building, nerve-soothing malt beverage. It surely will do you good if you drink it regularly. But do get the name straight when you order it — Grant's Dublin Stout — notice the label, please. the label, please.



INSECT A MASTER BUILDER.

TRAPDOOR SPIDER, ARCHITECT AND ENGINEER.

in a Cement House Constructed in the Adobe-It is Snug, Warm and Perfectly Waterproof-Won-derful Lid That Closes With a Spring Hinge.

Point Loma, San Diego, Cal.—If slightly acquainted with the ways of a trapdoor spider, you are minded of that little insect every time you watch the men at work building caissons for a new steel ribbed sky scraper. You think how much better the spider engineer would do that work with his home made tools than the men with shovels and hoists and buckets and all the rest.

The trapdoor spider, curiously you say at first thought, selects the hardest and firmest adobe, almost as hard as sandstone itself, into which to sink his caisson home, for his castle is built in the ground six or eight inches below the surface.

caison home, for his castle is built in the ground six or eight inches below the surface.

With infinite patience, grain by grain, he removes the sun-baked adobe, making an opening in the surface about the size of a silver dollar, and burrowing almost straight downward until at six, seven or eight inches down he ceases his work. The main excavating work is done. The hole is beautifully rounded and ends in a smooth cul-de-sac at the bottom.

The opening made in the earth the next thing is to insure it against dampness, for when the rain comes even the dry adobe tries to drink in the water that all the surrounding land thirsts for. What kind of cement and how it is mixed the writer does not essay to explain, but from top to bottom of that caisson is laid on a coating of cement quite as impervious to moisture as any cement ever laid by the hand of man. This is plastered on with the greatest care, and more smoothly than if laid on with a brush.

And when the job is done his house is

are, and more smoothly than if laid on with a brush.

And when the job is done his house is waterproofed beyond question. When the cement dries expansion and contraction are proved to have been well considered, for not a crack shows anywhere in the walls. There is no settling, no swelling, no receding of the structure. The plastering done, the house walls are now to be tapestried, to be made snug and warm. So from top to bottom a coating of downy substance is laid on, something similar to the material that makes up the hornet's nest but of a much finer, smoother texture. This is laid on with the greatest care and precision and when done it is a job well done, so much so that one might well-envy-the spider family in its fresh, snug home.

dren largely to nature, and that is why they are so strong and hardy.

The country tribes are very similar to our American Indians. Persia is very democratic. The child of very poor parents may become prominent if he is ambitions.

It is a wonderful land and people. They are waking up in a most surprising way. Where two years ago there were only six newspapers in all Persia, there of the spider tamily in the Island, and we have a manifer tamily in the Island, and we have a manifer tamily in the Island, and the main structure completed and turnished, now comes not the least important part, the building of the trap-door. Here is displayed the trap-door, Here is displayed the trap-door. Here is displayed the trap-door, Here is displayed to the trap-door. Here is displayed the trap-door. Here is displayed the trap-door. Here is displayed to the trap-door spider. Water, air and dust must be kept out, and as the door is even with the ground surface and to all intents and purposes an undisturbed part of it the faculties.

surface and to all intents and purposes an undisturbed part of it the faculties of the spider are taxed to the utmöst.

The fit of the door much be so perfect as to exclude the air quite as perfectly as a preserved can of fruit a housewife has put up. The shoulder of the caisson is so perfectly rounded that when the trap door fits in and rests upon the curved shoulder the naked eye fails to detect the joint except upon the closest inspection. The sharpest pointed knife-blade finds no lodgment in the crevice.

No bill of a road runner or a sickle-bill thrush can make and headway in prying open that vault cover, even if the spider home is detected, which is not often the case. The trapdoor must be strong enough to resist the tapping of an inquisitive road runner, who at times tests the engineering of the spider ao the utmost.

Again the trapdoor is even with and a part of the earth and must bear the weight of anything, animal or human, passing over. The heel of a heavy man makes no impression upon this entrance to the spider's domain. The inside of the door is rounded like the end of an egg, the strongest construction known.

The query now comes up as to how the spider gets in and out. The door is hinged, and it is a bit of nature's hardware work hard to equal, for it is a spring hinged door working as smoothly and as rapidly as a shutter on a camera. The spring tension, while amply strong to secure the door in place, quickly and

The spring tension, while amply strong to secure the door in place, quickly and easily responds to any outward pressure from inside.

easily responds to any outward pressure from inside.

The care with which the door is made to counterfeit the surrounding surface is wonderful. The door is undoubtedly made up as to the outside surface and not heven from a solid disk of adobe. Bit by bit it must have been put together, held by the underlying cement, and when all done the finishing touches upon the surface so adroitly arranged as te rival the art of any copysits who ever forged a Rembrandt or a Van Dyke. If the adobe adjacent, shows small deposits of moss the ever of the caisas of the case of

would seem that the feeling of safety prompted the spider to exert his utmost ingenuity when simulating the surface of his trapdoor to the earthy surround-

of his trapdoor to the earthy surroundings.

As a copyist of nature, the trapdoor spider is a master hand, for even the texture of the surrounding sun baked earth is simulated. And when this last finishing touch is put on the job is done and well done.

One thing more. The door has a hinge and it is a spring type of hinge. When the spider sallies forth to forage he opens the door of his house wide open, and it remains open. The spring hinge in some manner is set with a hair trigger. And there is a reason.

The spider while preying upon flies and small insects knows only too well that he is ardently sought for by scorpion, centipede, road runner, sicklebill thrush and other enemies. Vigilance of the most eternal kind is the price of his life.

He must therefore keep his avenue of

his life.

He must therefore keep his avenue of retreat open and his bridges in good order for a quick escape if the enemy presses too closely. It's a run for his life where every fraction of a second counts. When a long-legged, fleet foot-droad runner espies him he must not tarry on the way. Through the thickest of the chaparral he takes his flight, the better to impede or delay pursuit, and when the goal is reached like the flash of an electric spark he has descended into his caisson, the door instantly closing snugly upon him.

Now is the time that tries his soul. The road runner has seen his retreat and at once sounds the ground with his sharp bill to break in and seize his prey. But it is of no use. The firm, tough adobe resists the repeated blows of the horny bill of the bird and he goes to other pastures, giving the spider a rear leave of life. He must therefore keep his avenue of

tough adobe resists the repeated blows of the horny bill. of the bird and he goes to other pastures, giving the spider a new lease of life.

Not content with all his provisions for safety, the spider must, like the hero of old, thrust his arm through the door fastening in lieu of a bar and hold his castle entrance against intrusion. Nests discovered and pried open with difficulty by a knife blade have disclosed the fact that the spider has thrust his arm or leg through slots in the door and wall and that the leg has actually been torn loose from his body in the forcible opening of the door.

It is impossible in a short sketch to do justice to this most wonderful of nature's engineers. Could one spare the time it would well repay a day spent with camera watching the egress and ingress of the little insect and studying its habits of life. As a caisson builder, on engineer of the first class, let the trapdoor spider be commended.

A Deadly Offence.

A Deadly Offence.

"Well, sir," remarked the somewhat garrulous landlord of the Puxico tavern.
"Thogmorton, the constable, arrested a feller, day before yesterday, for walking down Main street here, in the middle of the afternoon in his stockin' feet.
He's in jail now, and—"

dle of the afternoon in his stockin' feet. He's in jail now, and—"
"But—great Scott!—ejaculated the washing machine agent, "it's not a crime, is it, for a person to walk in his stocking feet. Why, my dear sir, personal liberty—"
"Aw, personal liberty is proper enough as long as it don't interfere with the rights of other people. Anything that tends to add to the silence of our promisin' little city is an offense against the general weal. We're public-spirited here, even if we ain't exactly metropolitan."—Puck.

Light on Moonless Nights.

The light intensity of the moonless night sky is estimated by L. J. Lewinsor at 0.001 candle-foot; of moonlight, 0.014 candle-foot; and of daylight, between 8 a. m. and 4 p. m., from 2,000 to 8,000 candle-feet. Some clouds increase, others greatly decrease, the intensity of illumination.

NOTICE

HAMILTON, GRIMSBY & BRAMSVILLE ELECTRIC RAILWAY COMPANY. ELECTRIC RAILWAY COMPANY.
The general annual meeting of the share-holders of the Hamilton, Ottmoor & Beama-ville Elsectic Railway Company will be held on Monday, the 25th day of January, 1309, at 3 o'clock in the strenoon at the company's office, Hamilton, for the purposes following, namely: To receive and consider the sinual statement and accounts, and balance sheet, reports of the officer of the company of the company of the company of the company.

By order, GEORGE E. WALLER. Dated at Hamilton this 23rd day of Decemer, 1908.

NOTICE TO CREDITORS

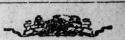
Pursuant to R. S. O., 1897, chapter 129, all creditors of George Mark Binkley, tare of the Township of Barton, in the County of Wentworth, yeoman, deceased, who died on or about the 28th day of September, 1906, are recuired on or before the 1st day of February, 1806, to send to the undersigned full preventions of their claims, after which date the county of the co

LET THE TEST BE THE PROOF

pare "GOLD MEDAL" Flour w her; your verdict will be IT IS MUCH THE BEST

"GOLD MEDAL," always pure, strong, nutritious. All dealers sell and guar-

WOOD MILLING CO.



Department of Railways and Canals DOMINION CANALS

NOTICE TO DEALERS IN CEMENT

SEALED TENDERS, endorsed "Tender for Cement." will be received by the understanced up to 16 o'clock on Friday, the understanced up to 16 o'clock on Friday, the 160 o'clock on Friday, the 160 o'clock on Friday, the 160 o'clock on 160 o'clock o

Department of Railways and Canals, Ottawa, 24th December, 1908. Newspapers inserting this advertisement without authority from the Commissioners will not be paid for it.

WELLAND CANAL

Tenders for Supplies for the year 1909 S EALED TENDERS for supplies addressed to the Superintending Engineer, Welland Canal, St. Catharines, Ont., will be received until 16 o'clock on Saturales, or Saturales,

Department of Railways and Canals. Ottawa, December 22, 1908.

L. K. JONES.

Newspapers inserting this advertisement without authority from the Department will not be paid for it.

Synopsis of Canadian North-

west Land Regulations. West Land Regulations.

A Ny person who is the sole head of a family, or any male over 18 years old, may homestead a quarter-section of available Dominion land in Manitoba, Saskatchewan or Alberta. The applicant must appear in person at the Dominion Lands Agency or Subagency for the Agency or the Agen



While You Wait

GLOBE OPTICAL CO. III King East HAMILTON

I. B. ROUSE, Proprietor. Opp. Waldorf. Phone 684

FOR SALE CHEAP Plasterers' Salamanders, Garbage Tanks, Metal Hode for mortar and brick, Slating, Tiling, All kinds of Roofing, Vallies and Flashings. JOHN E. RIDDELL



Electric Ferryboat

The new ferryboat at Guilleboeuf, near the mouth of the Seine, has two paddle wheels, which are driven at 30 revolu-tions per minute by two electric motors making 540 revolutions. Current for each motor is supplied by a De Dion gas-oline engine and dynamo of 70 horse-nower.

power.

Bacon—Did you see that autom drama at the theatre last night? Eq.—Yes. "Was it realistic?" "I assay so. Why, the machine broke before they got it on the stage."—I ers Statesmen.