## THE TRUE WITNESS AND CATHOLIC CHRONICLE

THE ROTATION OF THE EARTII RENDERED VISIBLE.
The experiment now being exbibited in Paris, by
Mich the diurnal rotation of the earth is rendered palpable to the senses, is certainly one of the most remarkable of tie molern verifications of theory. Although the demonstration by which the rotation of the earth has been established be such as to carry a conviction to the minds of all who are capable of amprehending it, to which nothinls can be imagined to add either force or clearness, nevertheless even the natural philosopher himself cannot regird the present erperinent without feelings of profound interest and salusiaction, and to the great mass, to whion the
complicated physical phenomena by which the rotatiou complicated physical phenomena by which ue rotaiou
of the earth
has been establisied, are incomprehensible, this experiment is invaluable. At the centre of ble, this experiment is invaluable. At
the dome of the Pantheon a fine wire is attached, from which a sphere of netal, four or five inclios in diameter, is suspended so as to hang near the lloor of the building. 'This ayparatus is put in vibration after the manner of a pendudum. Under, and concentrical wia ie, is placeld a circular table, some 2 fect in degrees, minutes, \&e., and the divisions numbered. Now it can be shown by the most clementary princi ples of meclanics, that, suppposing the carlli to have the diurnal motion tipon its axis which is inputed to it, and which explains the phenomena of day and night, Se., the plane in which this penculum vibrates
will not be affecten by this diurnal motion, but vill maintain strictly the sazre direction during 2t hours. In this interral, liovever, the table over which the pendulun is suspended will continually clange its position in virtue of the diurnai motion, so as to make a complete revolution round its centre. Since, then, he table thiss revoles, and the prous pibrates over it does not revolve, the consequence is, hat a lae traced apon he will cing its lipection roin the botton of the ball will change its direction reativel the to so such point were a pencil Foud that paper weere to syread woon the tales abe course formed br this pencil durine 24 hours woul form a system of lines radiating from the centre of the table, and the two lines formed after the inticrval of onc liour would always form an angle with cach other of $1 \overline{5}^{\circ}$, being the 24 th part of the circumference. Now, this is rendered actually visibile to the crowd which daily flock to the Pantheon to wituess this remarkable experinent. The practised eye of
correct observer, especially if added by a prope correct observer, especially if added by is proper ptical instrument, may actually see the motio which the table las in common wilh the carth uader
the pendulum between two succersire vibraticas. It he pendulum between two successive vibrations. is, in fact, apparent that he ball, or; rather, the point atlached to the bottom of the ball, does not retirn precisely to the same point of the circuurcerenc f the table alter two successive vibrations.
is renalered wisible the motion which the table has in conmon with the earth. It is true that, correetly speaking, the table docs not turnn round ifs own centire,
but turris round the axis of the carth; necrertheless. ene fifet of the he ellicet of the motion relatively to the pendilum sospended over the centre of the table is precisel) bours round its orn centre, for allhough the table be urned in common with the surfice of ile cardh round the carth's axis, the poiut of suspension of the peraduum is turned also the same time round the swne axis eing contiwally mintaind verticle ahove the centre of the table. The plane in which the pendulum vibrates does not, however, partake of this motion and conscruently has the appeazance of revolving mace in 24 hours orer the table, whitc, in reality, it is the table which rerolves once in 241 hours under it. Globe.

WILAT ARE BmDS GOOD FOR?
The "American $\Lambda$ griculturist," in answer to this cunuiry, relates the following ancedotes:ancedote related to us by Governor Aiken, of Soutl Carolina, of the rice birds. These little creatures gather round tie fields at harvest time in cometles myriads, and of course consume consideralle grain. Some years aro it was determined to make war upon hem, and drive them out of the country, and the measure was in some "degree sucesstul, as lar as
gettiag till of birds. "Wlat are lirds yood for?"登the ring rite planter soon "Whand out, for with yood the decreas of birds, the worms increased so mapidy, that, instead of a fow scattering grains to feed the birds, the whal crop was demanded to fill the insatiable maviv of the army which came to destroy every young shoot, a
fast as they sprung. from the ground. Most undoubt cull the birds were iuvited back again with a hearty welcome. Rice cannot be cultivatiod witiout thei assistance.
A few years ago, the blackbirls in the northern tn the farmer. Whole fields of oals wrere sometimes destroyed, and the depredations mon late corn wer greater than can be believed if told. The farmer sowed and the birds reaped. He scolled nnd they twittercd. Occasionaly a charre of shot brought twitered. Occasionaly a charge or shot brought great sea of birds than the removal of a single bucket of water from. the great salt puldle. A feer years later, eivery green thing on the land seemed destine to destruction by the army worm. Man was power
less-less-a worm anong worms. But his best. friends,
the hated blackbirds, came to his relief just in time $t$. ave when all seemed linst. No human aid could lave helped hin. How thankful slould man be that God lias given hinm for bis companions and fellow laborers "Tlie claborarer is wortly of his lire " Why sidys. "The laborer is worthy of his lire." Why should we grudge the little moiety claimed by the busy litile
fellows which followedi the plough; and snatcling tlie
form his and our sustence " "No lonest mine would cheat a bird of his spring and summer's work,'

## CHEESE vs. COMMON SHOT.

The greatest ammunition that we have heard of Monter was used by the celebrated Com. Coe, of the Admiral Brown, of the Buenos Ayrean service, fired very shot from lis locker
"What shall we do, Sir ?" asked his first lieut. we've not a single shot aboard, round, grape, canis"Pr, and double-lieaded, are all yone."
Powder gone, ch?" asked Coe.
No, Sir ; got lots of that yet."
"We had a darn'd hard cheese-a round Dutch ne, for dessert at dinner to-day-do you renember ?" said Coe.
"I ought to ; I broke the carving knife in trying to at it, Sire
Are $t$
Are there any more aboard?"
"Whout two dozen. We took them from
By thunder Commodore, but then's?" "By 'em," cried the first lufi."
Aud in a ferw minules the fire of the old Santa Maria, (Coe's ship,) which lad ceased entirely, was c-opened, and $A$ damiral Browa found more shot dying anout lis head. Directly one of them struck has mainmast,
direction.
"What the devil is that which the enemy is fring? asking Admiral Brown, but noboly could tell.
Directly another came in through a port, and killed Lwo men who were standing near him; and the striking the opposite bulwark, lurst into flinders. "By Jore, this is too much; , this is some new-
angled Paishan or other ; I don't like 'em at all," cried Brown ; and then as four or five more of the tane slap through his sails, he gare the order io fill away, and actullly backed out of the fighti, receiving parting broalside or Dutch cheeses. This is a Coe's slip.-NI. Y. Jourrall of Comenmerce.

The Enlerprise, whinh left the Sandwich Islands, in June last, in seareh of sir Jolu Frauklin, returnal fron cember, and having refreshed thepe, was on the 29 lh , omby wiiting a fair wind Io proeed too Hong Kong,
onlonce io return 10 the Arctic seits in April. A horrible accident took place at Cologne on the 1st instant. A military magazine, where eatridiges were
being prepared, exploced wlile upwaids of a hundred being prepared, exploded while upwayds of a hundred
wient were at work in it. Thinty-six sufferers, sadly corched and numutiated, were conlreyed 10 the hospital an oficct, two
The Rocks or Carvany.-In Fleming's C/mistlogy it is stited that an unbelieyer visiining the sacred patarad
of Puiestine, was slown the clefts or Mount Calvary Pailestine, was sho:rn the clef1s of Mount Calvary nuazerment to his follow trayelless:-"I hate lony bean a student of nature, and amm sure the clefis and
ronts in this rock were never dono by nature, or an ordinary earthquake; for by such a concussion, the rock nust hine split by the veins, and where , was was
weakest in the aulhesion of parts. "For this," said

A New Mas.-German speculators have got hold
a new subject. It is neither more nor loss hana a
"new man.". The story-as we find it related in the "new man." The story-as we find it rellated in the
Correspondenz of Berlin-altests that a stringer was Correspondenz of Berlin-attests that a stranger was
picked up at ile endo of last year in a small village of
Tik dist it of whe cistrict of Lebas, near Frankfort-on-ihe-Oder, Such a circumstance could harily have piqued curiosit in another country; but to a people fond of speculation, and situated far away from the great highways of the
world, there was sometling strange and starting in world, there whe somelining strange and startling in
hie fact, llat the stranger spoke German imperreutly, and ladd oil the mankss of a Caucassian origin. Whethe
he man was a conmon imposir, and tricked the illage authorities, or whether these worthies began in lleii usal way to construct adisistory for him "outo od tain; it all evells they looken on him ass a great prize,
and
 by the lurgonaster of that enlightened e ity, the stranger sail his nime was Jophar Vorin, and that he came
from a country called Laxaria, situated in the portion of the world called Sakria. He muderstands, it is nust suppose, the broken German) but reads and Wvites wint he calls tie Laxarian aund Arabian tongues The later he declares to be the written language of
he clerical order in Laxaria, and the other He comhe clevical order in Laxaria, and the other ihe com-
non languane or tho people, He says his religion is
Cluisiaun in Iorm aud doctrine, and that it is called Cinistian in Jorm and actine, and that ir is called Ispatian. Laxaria ha represents to be many huadted
siles from Lurape, aud separated by vast oceans from
it. His
 to seck a long-lost brother; but he suffered shipwreck
on the voyage-where, he doos not know-nor can he race his route on shore on any map or globe. He geographical liowledge. The five great compartnenis of the earth he calls Salkria, Affrr, Aslar, Auslar,
nud Euplar. The sages of Franklort-on-the-Oder dier much examination of the tale and its bearer, have come to the conclusion that it is true. Some men be-
ieve things becouse they are incredible. However, Jophar Vorin has been carefully despatched to Berlin, and is now the subjeci of much scientific and curious
cossip in the Prussian capital. What mystificaions lides under the strory tirap will probabiy show,-Globe Bhavtiful SENTMENT:-JOM G. Whitler, he Qua Ker poet, in writing abont Irish Emigrants among us
says: IFor myself, I confess I feel gympathy for the us, warm-heartied, nud cruelly oppriesseli people That he loves his native land-that he cannot forge he claims of his mother island; that his religion, is stranger in a strange land, he is to me an object of interest. The poorest and rudest has $\varepsilon$ nromance in' his sollery. Amidst and wit Lis gaiety of heart and national

incorporaticd 1833.

## CAPITAL STOCK- $x 100,000$.

THE Public are most respectinlly infurned, that that reat St. James Street, this city, (late TEru's Hotel ASSURANCE asainst Accidents by FRE; ur he an the lowest possible rafes of Prenium, compatible will
security yo llie PUBLIC, iud the erdit and safety of security to lie PUBLL
the INSTITU'TION.
The numerous body of influcrial men, who are ERS, and the large amoun guarantee the liberal ectjoustment, and the speedy set ement of all equ
william steward
Montreal, May 8,185
ST. PATRICK'S SOCIETY.


4 SPECIAL MEETING of the SL. $\mathrm{P}_{\text {atrick }}$ 's Society, Evenius next, the 12.4 instant, at MALF-PAS'
SEVN occle SEVEN o'clock. A purictual attendance of Member

Montreal, May 7, 1851
H. J. LaRKIN, Secy.

## ATMENTION

## OWEN McGARVEY,

HOUSE AND SIGN PAINTER, GLAZIER, \&c. \&c. \& ce.
THE Advertiser returns dhanks to his friends and ance his commencement in business has received prepared to undertake Orders in the most extensive mannor, and pledyes himself that he will use his best
abilities to give saiistiaction to tlose who mayy favor lim with their Lusiness.
Gruming, Marbling, Sign Painting, Glazing, PaporHanging, buite Washiug and Coluring, done in
No. 6, St. Antoine Street, opposite Mr. A. Walsh's
Montreal, May 7 , 15 grin.

## JOHN O'FARRELL, <br> ADVOCATE,

FFICE, -GARDENSTREE
Nest door to the Ursulines Convent,
NEAR THE COURT HOUSE.
Quebec, May 1, 185 s .

## H. J. LARKIN

adVocate,
No. 27 Littile St. James streer,
THE SHIP CHANDEERY
BUSINESS herelofore carried on by Mr. Francis Musluss, will be continued by the subscriber, on
arrivals an extensive stock of every articie in the
MARINE LINE, Uirect from the best manuficlure F. F. MULLINS,

Opposite the Quebece Steamboat Wharf.
Montreal, 3001 April , 1851.

## SEALED TENDERS

WILL' be received until THURSDAY, the 15 th CATHEDRAL in the City of King the CATHOLI lans and specifications to be seen at the Bishop's alace in eaid City, after the 27 th instant, betwee
the hours of 12 and 5 oclock, P.M. Tenders to b addressed to the Rev. P. DolLARn, Kingastor, an "Tonder for Plaster and Ornamental Work:"
One Contract for the whole work would be preferred
nd salisfactory security ompletionior the samie.
Kidgston, April 24, 1851.

INSPECTION OF BEEE AND PORK.
THE Subscriber, in returning his sincere thanks for 1 past favors, begs to inform his friends that he hoids himself in readiness to onsPECT BLEEF and Pond
for the OWNEIS thereof conformable to the amended for the OWNERS thereot, conformable to the amended
Act of the Provincial Parliament of last Session. Monireni, 2aih April, 1851 .

LARD FOR SAJIE
100 KEGS FRESH LEAF LARD, averaging 112
Montreal, 23rd April, 1851.
INFORMATION WANTED
Of ELIZA DINNING, duaghter of Timothy Dinning and Ellen Coleman, who left Queboc in autumn
1st1. When last hard or, she resided in Thoy, N.Y. Any information respeciins her, addressed to her



MONTREAL CLOTHING HOUSE,
No. 233, St. Paul Strect.
C. Gallaghern, merchant Tailor, has for C. Sile some of the rery BETT of CIOTHNG;
warrante to be of the SOUNDEST WORKMANSHI aud no humbugging.
N. B. Genlenel wishing to FUnNISH their OWN
CIOTH, can have thicir CLOTHES made in he Style wilh punctuality and tare.
Montreal, Oct., 19 th 1850.

## DR, TAVERNIER

HAS the houor of informing the Citizens of MontII real, and the Inlabiliats of its vicinity, that, having returned from Europe, ha will begin anew to
antend to practice, on the first of March next. Surgery-in his
rence main strect.
ence man stiect.
Montrcal, Feb. 12, 1851.
THOMAS BELL,
Auctioneer and Commission Agent, 179 Notre dame strest,

MONTREAL
SALES OF DRY GOODS, BOOKS, \&ic., EVERY tuesday, thursidi, \& fridiy evening.

## L. P. BOIVIN,

Corncr of Notre Dume and St. Vinceint Strects, opposite the old Court-House,
HAS constantly on haula LARGE ASSORTMENT
of RNGIISH and FRENCH JEWELRY WATCHIS, \&e.

JOHN PHELAN'S
CHOICE TEA, SUGAR, AND COFFEE STORE No. 1 St. PAUL STREET,

## R. TRUDEAU,

APOTHECARY AND DRUGGIST
No. 111 SAINT PAUL STREET,
 August 15, 1850 .

## JOHN IMCLOSKY

Silk and Woollon Dyer, and Clothes Clcaner, No. 33 St. Lewris Street, in rear of Donegana's Hotel, ALL kinds of STAINS, sueh as Tar, Paint, Oil, MULY EXTRACTED,

## RYAN'SHOTEL, (late fellers,)

## No. 231, S'r. PAUL STREET MONTREAL

THE Subscriber takes this opportunity of returnity o him, and takes pleasure in inforning his friends and the public, that ho has made extensive allerations and improvements in his house. He has fitted up his
establishment emtirely newt this spring, aud every atestablishment entirely newt this spring, aud every at-
ention will be given to the comfort and convenience ention will be given 10 the comiort ainc convenience
of those who may favor him by stoppping at his hionise, the hotel is in the immediate vicinity OF MERCANTILE BUSINESS;
Within a feiv minutes walk of the various Steamboat Wharves, and will be found advantageously biluated
for Merchauts from the Country, visiting Montreal ori būiness.

## THETABLE

Will be furnished with the best the Markett can providie, and the delicaccies
be found wanting.
THE STABLES ARE WELL KNOWN TO THE PUBBLC,
And attentive and careful persons will always be kep in attendance:

THE CHARGES WIEL BETOUND REAASONABLE. And the Subscriber triusta, by constint perisonal autien
tion to the wahts and a continuance of that patronage which has hitherto
beer given to tim:
Montreal, 5th September, 1850:
M. P. RYAN.

