

### The Magazines.

The *Galaxy* for November opens with the first three chapters of a new serial by Justin McCarthy, entitled "Linley Rochford," which gives good promise for the future. A second serial is "The Wetherell Affair," by J. W. De Forest, which has reached its forty-fourth chapter. Of short stories we have two: "One week an Editor," by Rebecca Harding Davis—a name with which all magazine readers are acquainted—and a charming English story, "Miss Gurney," written with all the pathos and delicacy of touch which characterize all the better class of English productions. In his second paper "Punishing Pundit," Mr. Richard Grant White completely demolishes the author of "Recent Exemplifications of False Philology," in a manner that leaves absolutely nothing to be desired—except perhaps that Dr. Hall should rise again, to be made once more the object of Mr. White's vigorous onslaught. "The Stage as it was," second paper, is an interesting, racy sketch of the dramatic world of the last, and the early part of this century, with anecdotes of the principal stars of the firmament of that time. Mr. Junius Henri Browne contributes a thoughtful, but amusing paper on women as Tacticians, and the Hon. Gleason Welles an article on Lincoln and Seward. "A Roman Note-book" is good in its way, but the ground it covers has been gone over so frequently that it has all but lost its charm.

"A Daughter of Bohemia" is the enticing title of a new novel by Christian Reid which commences in the October number of *Appleton's Journal*; and the story fully carries out the expectations raised by the title. In addition to a liberal instalment of this serial the last three weekly numbers of the *Journal* contain a vast amount of varied and interesting reading matter, the mere titles of which would be too long for recapitulation. We may, however, signalize one or two articles which have particularly taken our fancy. These are: among the tales, "Sylvestre's Fortune," by Kate Putnam Osgood; "The Dead Town," a sketch of the Pacific Slope; "Katy's Lantern;" and "A Story of Murillo." Also papers on the Ceramic Art (the third of a series), Gerald Massey, with a portrait, and the Dead Letter Office. These are only a few out of a large number of articles and selections covering a vast range of subjects, popular and scientific, in addition to Art, Literary, and Dramatic Notes. Than *Appleton's Journal* we know of no better literary paper in the United States.

The *Canadian Antiquarian* continues Mr. Kingsford's paper on the "Vexator Canadensis," giving an account of the administration of Sir James Craig, and of the political struggles of the day. Sir Duncan Gibb contributes a short paper giving the history of the "Frères du Canada" medal accompanied by a fac simile engraving; and Mr. T. S. Brown a short etymological notice of "Chagouamignon," the unwieldy names of a but little known passage or lane that runs between St. Paul and Capital Streets, Montreal. An admirable photograph of the late Stanley Bagg, one of the editorial committee of the *Antiquarian* forms the frontispiece to this number, and is accompanied by an editorial obituary and some notes by the deceased gentleman on colous. In addition to this latter paper and that on the Vexator we have no less than five more on numismatics, with sundry brief articles of interest to the Antiquary, and the man of letters. The *Canadian Antiquarian* is one of the most deserving publications in the Dominion, and we should like to see it receiving sufficient support to justify the Numismatic Society in issuing it as a monthly.

### Our Illustrations.

On our first page we give a pen and ink portrait, by our own Artist, of the Hon. Alexander Mackenzie, whilom leader of Her Majesty's loyal opposition, and now Prime Minister of the Dominion. A brief biography of the new Premier will be found on the third page of this issue.

The McDonald-Innis stabbing case which recently occurred at Ottawa was the result of one of the most incomprehensible freaks that ever entered the brain of man. The victim Innis, was going down Sussex street at about half-past nine on the evening of Thursday fortnight, when McDonald, on whom he had never set eyes before, in passing put his hand on Innis's shoulder, drew a knife and stabbed him in the shoulder. McDonald was in Highland costume at the time, and, it has been stated, was on his way to a fancy dress entertainment. What induced him thus to assault a perfect stranger is a mystery.

M. Blake addressing the House forms a companion picture to that of the Hon. Mr. Tupper in the NEWS of last week.

THE WATEROUS MACHINES AT THE LONDON PROVINCIAL EXHIBITION.—One of the most attractive portions of the fair ground, to judge from the immense crowd continually surrounding it, was the enclosure containing the display of Brantford Engine Works Machinery. C. H. Waterous & Co., the enterprising manufacturers at Brantford, are the only firm in the Dominion who build mills sufficiently portable for exhibition and operation at a Provincial Fair. For twelve years, with two or three exceptions, their Portable Saw Mill has formed one of the chief attractions at the annual exhibition. This year, they exhibited in operation a 20 H. P. Portable Saw Mill with 52 inch planer toothed saw, and sawed some thirty-five large logs into lumber.

This Saw Mill is one of the most efficient, and at the same time the most portable mill built in the Dominion. It consists of the Patent Combined Portable and Stationary Engine, attached by direct action to the Patent Pony Iron frame Saw Mill, using a fifty-two (52) inch saw.

They have obtained, as the result of a great many experiments, the maximum of efficiency, simplicity and durability, with the minimum of weight.

The engine and boiler are so constructed, and of such a weight that they can be readily loaded on trucks, when changing the position of the mill from one part of the pinery to another, and without disconnecting either; so that it does not require a skillful machinist to put the engine in operation again. The saw-mandrel, feed and gig works, &c., &c., are arranged in a very compact form, and are placed in an iron frame, which can also be loaded and moved without taking apart; so that when resetting the mill, all that is necessary, is to frame the foundation timbers, previously used in the ground, set the mill on them—coupling the engine shaft and saw mandrel; lay the track; place carriage on it, and the mill is then ready to start; the whole operation not taking more than from one to two days. The mill is so conveniently arranged that three men can successfully work it.

The boiler is supplied with saw-dust grates, by means of which it will make plenty of steam, burning pine saw-dust alone. It is also covered with hair felting, and lagged with wood, which keeps the heat from radiating, and supplies the place of brick-work. This mill will cut practically from six to ten thousand feet of lumber per day, or one thousand feet of one-inch pine lumber in a single hour. Shipping weight of mill, 6½ tons.

This mill was specially designed for the Lower Provinces, where the timber is small, or for pinerys from which the large timber has been culled, leaving the small timber so scattered that it will not pay to erect a large stationary mill, but in which a small portable mill, that can be easily moved from place to

place, is a good investment. We need hardly say it has more than fulfilled its inventor's (Mr. Waterous) greatest expectations. So great has the demand become, that they cannot fill it promptly, though turning out a mill every week. They trust, however, with the greater facilities afforded by their new premises, to be able to fill all orders as the demands increase.

They send these mills to all parts of the Dominion. Nearly 50 being in operation in Nova Scotia and New Brunswick, several in Manitoba, and a few weeks ago they shipped one to H. You-hall, Harbor Grace, Newfoundland, where their millwright is now erecting it. One of the secrets of their unbounded success in saw mills is their determination to do nothing but first-class work, not sacrificing, as is too often the case, quality to price. Every mill is also erected by their own millwrights and left in perfect working order, so that it is an easy matter for purchaser when it is once right to keep it so.

They had also in operation Malcolm's Patent Double Block Shingle Mill, first prize.

It is a double block machine, self-setting and self-feeding. The saw, a 40 inch, runs horizontally and blocks feed to it alternately. Either carriage can be stopped, and a new block inserted without stopping the other. It will cut 30,000 to 40,000 shingles per day.

It has the following advantages over all other Shingle Machines:—

1. It saws the most perfect shingles made. The blocks are dogged, solid and set to the saw, and the networks are so arranged that there can be no variation in setting the shingle, no matter how loose the joints may become by wear or otherwise.
2. It is the only fast-sawing Shingle Mill that can be relied on for cutting even shingles.
3. It saws two blocks at once, one cutting while the other is receding from the saw; thus not only securing great rapidity, but avoiding that concussion and jar common to all self-acting Shingle Machines, and so detrimental to the nice running of the saw.
4. It being self-acting, it does not depend so much on the rapidity and skill of the operator for the quantity and quality of the work performed.
5. The feed can be varied without stopping or hindering the motion of the carriages, so that the operator has as perfect control of the feed as if operating by hand, and can increase the feed to utmost capacity of saw without any extra exertion.
6. The feed is so arranged that no chip, saw dust or other obstruction, can tilt, block and spoil the shingle, as there is nothing under the block to retain these particles, it being dogged at the end and hangs perfectly clear. Imperfect shingles from above cause condemn many double and single side cutting machines.

Also their No. 4 Rotary Fire Pump which is a favourite size for Fire Protection, and is fast being used in all parts of the country. Will throw from 300 to 500 gallons per minute, according to power or speed driven at, forcing water through a one and a half inch nozzle from 150 to 200 feet. One has been known to throw four streams at a time over 150 feet high. It is run at 240 to 350 revolutions per minute. Suction 4 inch. Made with coupling fitted ready for counter-shaft. This size and No. 5 have achieved for themselves a splendid reputation as Fire Pumps, and are to be found in mills and buildings throughout the country.

Beveled Lath Cutter, (patent applied for). They have improved their Lath Mill, of many years' standing, by making it saw beveled lath, which can be nailed on to the solid wall, and will then hold mortar better than common lath put on in usual way. The mortar forms a perfect key, so that no jar or shake can force it off, and as no mortar is needed on the back side to form a clench, a great quantity is saved. This machine is made with one, two or three saws. It is a very simple machine, easily worked, and warranted to make as many lath as a square-edged machine.

Another advantage is that it only requires bolts one inch thick, being cut on a bevel gives a full width lath, therefore board edgings require no bolting. With slabs it will make as many lath with no more expense than a square lath machine.

They also call attention to the fact that the feeding rollers are drawn by cut gearing, instead of belts and cast gearing as heretofore. There is therefore no slip to feed roller, or trouble in belts slipping off driving pulleys. The gearing being cut out of solid turned wheels, runs perfectly true, free from noise or jar.

Also a No. 1 Trimmer's Grain Scourer which as a smut-mill cannot be excelled and as a scourer has no equal. They manufacture four sizes—No. 1, 2, 3, 4, suitable for mills of all capacities. We learn that prominent merchant millers who have them in operation state it improves their flour from ten to twenty-five cents per barrel. This firm also had a very large and fine assortment of saws on exhibition in the Crystal Palace, consisting of, planer tooth, flange tooth, and original inserted tooth saws, solid, perforated and ready gummed. Also an assortment of saw gummers, saw swages, and general assortment of saw mill furnishings.

Over three-score reporters from all parts of Europe are in attendance at the Bazaar trial. The competition between the members of this formidable brigade is of course very great, and at times some very ludicrous scenes take place. The stampede of these gentlemen of the pen on the close of a day's session is something once seen never to be forgotten.

The two middle pages are taken up with a reproduction of a steel engraving of Van Dyck's celebrated "St. Martin," representing the Saint in the act of dividing his mantle with the naked beggar at the gate of Tours.

During his visit to Berlin in September last Victor Emmanuel had an opportunity of witnessing the splendid drill and perfect manoeuvres of the Prussian troops. A special review of the Guards—the old Guard in which Frederick the Man Stealer took such pride, took place in his honour at Potsdam, and the effect of the scene may be judged by the *coup d'œil* given in our illustration.

### Chess.

TO CORRESPONDENTS.

G. E. C., Montreal.—In our last number you will find the correct solution of Enigma No. 32.  
J. W. B., Toronto.—Your last Problem will appear in due course. We shall be most happy to publish any problem you may send us.

#### SOLUTION OF ENIGMA No. 33.

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|--------------------------|----------------|
| <b>Black.</b>            | <b>White.</b>  |
| 1. R. to K. R. 8th ch.   | 1. K. takes R. |
| 2. Q. to Q. 5th ch.      | 2. K. moves.   |
| 3. Q. to Q. 3rd ch.      | 3. K. moves.   |
| 4. Q. takes R. and wins. |                |

#### SOLUTION OF PROBLEM No. 104.

(First Stipulation.)

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|-------------------------|------------------|
| <b>White.</b>           | <b>Black.</b>    |
| 1. Kt. to R. 4th ch.    | 1. K. to Kt. 5th |
| 2. R. to K. Kt. sq. ch. | 2. K. takes Kt.  |
| 3. R. to Kt. 4th ch.    | 3. K. takes R.   |
| Stale mate.             |                  |

(Second Stipulation.)

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|-------------------------|------------------|
| 1. Kt. to Q. 4th ch.    | 1. K. to Kt. 5th |
| 2. R. to K. Kt. sq. ch. | 2. K. to R. 5th. |
| 3. Kt. to B. 3rd mate.  |                  |

### Art and Literature.

James Parton has written a brief memoir of Fanny Fern, which will be published.

The story of the Christmas number of the *Graphic* will be from the pen of Mr. Anthony Trollope.

A weekly newspaper called the *Free Speaker*, with some novel and special features, is shortly to be published.

Mrs. Pender Cudlip has arranged to write a novel in *All the Year Round*, and will afterwards republish it in America.

Theresa Yelverton, who styles herself the Countess of Avonmore, is about to publish a book of her travels around the world.

The collection of antiquities made by Mr. George Smith during his late expedition to Assyria has been presented to the nation by the proprietors of the *Daily Telegraph*.

Gustave Doré has set himself the task of illustrating Shakespeare. The plays in which he makes a commencement are to be the "Midsummer Night's Dream" and "Macbeth."

An earnest appeal has been published for the erection of a slab, monument, or memorial of some sort, over the still unmarked resting place of Father Prout, in Shandon Churchyard.

Thomas Powers James, the Brattleboro spiritualist, through whom Charles Dickens was to complete his "Mystery of Edwin Drood," announces its completion. He says he had been offered \$2,000 for it.

There is a proposal on foot to erect a memorial to the late Sir Edwin Landseer. There is also a proposition that a memorial should be placed in St. Paul's to the memory of all the great artists who have been buried there.

A most interesting discovery has recently been made in Paris, viz., an unfinished manuscript by De Foe, the author of *Robinson Crusoe*. It is entitled *Six Months in the Air*, and describes the supposed wanderings and experience of a soul after its separation from the body. The narrative is said to be in the most graphic style of the celebrated author, and has been purchased by a wealthy American for \$2,000.

It is stated that a picture entitled "Martillo Fallero," by Eugene Delacroix, which he tried in vain to sell for one thousand francs on its finish, was sold ten years after for twelve thousand francs. After passing through two other hands it was ultimately bought by Sir Richard Wallace for eighty thousand francs, or eighty times the price originally asked. This is cited as the most remarkable rise in the value of a picture thus far recorded.

Mrs. Henry Wood's new book, "The Master of Greylands," is in press and will be published in a few days by T. B. Peterson & Brothers, Philadelphia, from the author's manuscript and advanced proof-sheets, purchased by them from Mrs. Wood, and will be in uniform style with "Done Hollow," "Bessy Rans," "Roland York," "The Channings," "Within the Maze," and all the previous works by this favourite and popular author. For some months past, a new serial, entitled "The Master of Greylands," has been published in *The Argosy*, a London magazine edited by Mrs. Wood. It will be completed for English readers in the December number; but, in consequence of a special arrangement with the authoress, who has supplied the Petersons with her manuscript in advance, they will publish the whole story complete in one large octavo volume long before its publication in England. The plot is entirely original, and is said to be equal if not superior in interest to her other famous books. It will be issued in a large octavo volume, and sold by all booksellers at the low price of \$1.75 in cloth, or \$1.00 in paper cover; or copies will be sent by mail, to any place, post-paid, by the Publishers, on receipt of the price.

### Music and the Drama.

Aimée has gone to Havana.

Wachtel next year—Carl Rosa, manager.

Patti is adding Gounod's "Mireille" to her repertoire.

Miss Braddon is writing three plays for as many theatres.

A burlesque on "Tannhauser" was the latest Viennese event. Carlotta LeClereq has been playing an engagement in California.

Edwin Booth has added the rôle of "King John" to his repertoire for this winter.

A new "History of Music," by Mr. William Chappell, is said to appear in London.

A new drama by Miss Braddon is about to be brought out at the Princess's, London.

The Grand Opera House, New York, goes under the hammer on a foreclosed mortgage.

Lydia Thompson announces her intention of retiring from the stage at the close of the present season.

Richard Wagner says in a circular to his friends, that his great theatre at Bayreuth will open early in 1879.

Dr. Ferdinand Hiller, of Cologne, the well-known composer, has in the press a work on Mendelssohn, entitled "Recollections and Letters."

Gevaert intends making his "Quentin Durward" a grand opera by adding recitatives. It will be performed with these additions in Brussels and in Paris.

A version of "Orphée aux Enfers," which has been brought out at the National Theatre, Holborn, is a most curious mixture of excerpts from the opera bouffe and even from "Ernani."

The Imperial Italian Opera at St. Petersburg, opened for the season on the 16th inst. with Meyerbeer's "L'Africain." The singers were Mdle. Urbain and Mdle. Selig; Signors Gazarte, Baggiolo, Capponi, and Cotogni.

Other items of musical and dramatic gossip from the Continent are as follows: A new prima donna—Mdle. Bolocca—has appeared at the Italian Opera, Paris, as Rosina, in the "Barber of Seville," with decided success. She belongs, it is stated, to a family of high consideration enjoying an income of over £10,000 a year, and her father is one of the most distinguished savants in the empire.

M. Strakoski and M. Merelli have, it is reported, entered into an important partnership. At present the two managers wait together the opera houses of St. Petersburg, Moscow, and the Paris Italians. The San Carlo, Naples, is shortly to be added to their list of houses, and others will follow. They propose to absorb the principal opera-houses of the Continent, in order, by coalition, to do away with the high salaries now demanded by *prime donne*.

The Bristol Musical Festival has been held the week ending October 14. It commenced on Tuesday with Haydn's "Creation," on Wednesday, Elijah was given, and on Thursday Macfarren's new oratorio "John the Baptist." In the evening concerts of secular music have been given, at which, among other pieces, Beethoven's Symphony in C minor and one of Mozart's symphonies have been performed. The principal vocalists were Mdme. Lemmens-Sherrington, Mdme. Otto Aylesleben, Miss Julia Wigton, Mdme. Patey, and Miss Enriquez; Mr. Sims Reeves, Mr. Vernon Rigby, Mr. Edward Lloyd, Mr. Stanley and Mr. Lewis Thomas. Mr. A. Stone was choral-master, and Mr. Charles Hallé conductor. The festival closed to-day (Friday) with a performance of the "Messiah."