AUGUST 20, 1884. CHRISTIAN MESSENGEK. SCIENCE. miles, her axial velocity at the equa- superior advantages of wearing wool **BAPTIST HEAD-QUARTERS.** CHRISTIAN MESSENCER IT IS TRUE! tor is about 1,000 miles an hour, or next the skin are easily apparent on SETTING A CAPTIVE FREE.-" Let 16 miles a minute. Jupiter rotates reflection. They do not depend Printing Office, ns go into Martin's 'box' and see on his axis, with a volume nearly merely on its texture and in virtue KIND WORDS. WHAT OTHERS THINK OF BAPTIST BOOK BUDS AND BLOSSOMS -The following is 1,400 times as great as that of the of its composition, of better adapwhat he is doing this morning." 69 & 71 GRANVILLE ST., from The Christian at Work, a first-class resaid Nellie Morton to her friend earth, in a few minutes less than tation in respect of temperature to ligious weekly, published in New York : AND " In the City of Halifax, Nova Scotia, is Ruby McCahen. the needs of various climates and ten hours. HALIFAX, N. S. published a monthly magazine called Bubs Matters must be rather mixed the changes of seasons than any Ruby was well pleased with the TRACT SOCIETY. AND BLOSSOMS and edited by J. F. Avery. invitation, and Nellie knocked at the there, according to our ideas, with other dress material. Moreover, Each number contains forty pages. plentifully and handsomely illustrated, and at 75 cents a All kinds of a day not half as long, only five whether it be fine or rough, dense door of her brother's amateur labor-104 Granville St., year is certainly one of the cheapest publica-tions extant. But better still, it is one of the JOB PRINTING hours from sun-rise to sunset, and or light, woolen clothing, it is eviatory. best. Its pages are full of the gospel spirit, "I could show you some beauti- with a year nearly twelve times as dent, exhibits a special facility for HALIFAX, N. S. excellent temperance sketches, missionary intelli-gence, short stories, household hints and suggesful experiments with chlorine, but long; for these are the conditions absorbing and distributing moisture. Executed with neatness and despatch tions, all entertaining clean and wholesome BOOKS, Nellie says the gas suffocates her. that hold sway in the domain of our It is this property especially which literature, suitable for the home and family distant neighbour. We like better | renders it the natural covering of Suppose I set this marble on fire Arrived Ex. S. S. "Caspian," and circle, and calculated to promote purity and PAMPHLETS, the more dignified length of the the constantly perspiring skin. If for you." knowledge among its readers. We do not "Nova Scotian," from London, a large know what the circulation of this excellent The girls looked amazed, but not | earthly day, the more stately axial one be engaged, for example, in acvariety of publication may be, but of this we are sure, it ought to be double whatever it is, for it is just CIRCULARS incredulous, for they had visited this rotation of our little planet, and tive exercise of limb, a linen fabric conjuror and beheld his magic on the quicker return of the revolv- will absorb what products of tranthe right kind of reading to be put into the BILL-HEADS, PULPIT, FAMILY hands of young folks; bright, cheery, hopeful ing seasons. No man of science sudation it can till it is wet but will previous occasions. and strong, without cant or sickly sentimen-POSTERS Martin struck a piece of marble has yet been able to explain, in all leave much moisture unabsorbed tality. We hold it as an indisputable truism that when an opportunity offers to promote AND its bearings, the law which ruled in upon the clammy surface, whereas which he was drawing out of a tow **Business Cards** the circulation of such literature among the bag in a corner of the room while the arrangement of the sun and the a flannel, from its more spongy young it becomes a religious duty to do so. Send to the publisher for a specimen copy, TEACHERS' BIBLES. speaking, and hammered it into worlds that round him roll, to tell nature, will rest upon a skin which Of all kinds. and you'll find that we have not said onenumerous small pieces. Then he where the fuel comes from that keeps | it has nearly dried, and be but damp half the good things we might concerning it." WEDDING CARDS, up the sun's fire, to show the reason itself. It is obvious, then, that in set on the table a rather tall glass SPECIAL OFFERIII vessel. Into this he poured hydrowhy four giant spheres still holding the event of an after-chill, and this LADIES VISITING CARDS' portions of their primeval fires were occurs in summer as in winter, the chloric acid until the liquid was an CRAMP'S TICKETS & LABELS inch deep. Then he dropped into established on the outposts of the body is, in the latter case, most fav-We will send back numbers till the end of 1884 for 50 cents, or for \$1,00 will take system, or why four small planets orably disposed to resist it. Flannel the jar the bits of marble. Instant-**Baptist** History ! At reasonable prices. new names from date until end of 1885. ly began a violet commotion, a foamroll on in their swifter course nearer is not less cleanly then linen, though So confident are we you will like it, we offer it for 25 cents remainder of the year. to the great central orb. Theories it may appear less white; and, if ing and bubbling surprising to see. Send 6 cents for specimen and opinions SERMONS BY HALIFAX STEAM DYE WORKS, as the marble slowly wasted away. are plenty on all these points, but the wearer bathe daily, it is surprisof the press. When all was over, Martin lighted conclusions are not convincing. We ing now long it will retain its purity. SPURGEON, Buds & Blossoms, 566 Upper Water Street, a taper and placed it in the glass. are prone to think that the earth The disadvantage of skin irritation, REV. J. F. AVERY, Editor, Mizpah Cottage, Kempt Road, Halifax, N. S. (Opposite H. M. Naval Yard), Scarcely had he done so before the holds a favored place among the to which it sometimes gives rise, is TALMAGE, planetary brotherhood. It is well usually associated with coarseness of flame *expired. AND And McLAREN. Aug. 6. "Why did it go out ?" asked Nellie. to think so, and the position will quality or freshness of manufacture. and is, with nearly all who have ex-

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swim. friend, of June beetle can lift ninety-nine nly go times its weight. Were the strength eret of is that the beetle, he could play with weights blood equal to ten times the weight of a so long horse. organ ecomes sinks. know how their slate-pencils are made. Broken slate from the quar-ries is put into a mortar run by Methsteam, ground fine, and bolted like otion of flour. It is then mixed with the evalent flour of soapstone prepared in the ease of same way. The mixture is made ring at into a stiff dough and kneaded benerally tween two rollers. It is then put orning into a strong iron vessel with a nozed by zle, through which the dough is on, reforced, coming out in slender strings. vening These are laid on a table and cut ch an into pencil lengths, dried, placed on it are sheets of zinc and baked in a kiln. on the Finally they are sharpened and o'clock. packed for sale. ervices e, and patient.

"Because the marble contains a gas which our experiment set free. The name of the captive of the marble is Carbonic Dioxide."

a piece of marble that has been star, and observers who wish to

it."

like a very large and deep soup-plate. He put the marble on the plate and poured some water on it,

alteration in the nature of the marble. You see it looks like other 11 o'clock in the evening, he reaches marble upon which you might have poured water. Now watch it."

All looked intently at the plate and its contents. Presently the marble began to swell, then it cracked in many places, and then it crumbled to a fine white powder, while cloud after cloud of steam ascended.

"That just looks like lime," remarked Ruby.

"You are quite correct; Miss Ruby this powder is slacked lime; the marble after it was burnt was simply quicklime."-N. Y. Examiner.

The strength of insects is simply prodigious. M. Plateau has been testing their powers; and announces as the result of his experiments that the smallest insects are the strongest, proportioned to their size, and that all are enormously strong when compared bulk for bulk with vertebrates.

not be disputed in the present attainments of astronomical science. Venus is morning star during the month, and is a charming object in Nellie and Ruby were about leav- the eastern sky during its course. ing the room with thanks-" Wait On the 17th she reaches her period a moment," said Martin. "Here is of greatest brilliancy as morning

heated in a furnace of great power." behold the most lovely star that "It looks very white," said Ruby. gilds the morn will find our celestial "Yes, it is whiter than before it neighbor worth getting up early to was subjected to the heat. But that see. She makes her appearance on is the only evident change. It has the 17th, soon after 2 o'clock in the not lost any of its bulk, but I can morning, nearly three hours before now easily reduce it to powder. Let sunrise, casts shadows on objects us see if I can do anything else with illumined by her rays, and holds her visible presence in the sky, even

Martin then removed the jar, and in the noon-day radiance of the King placed a plate on the table. It was of Day, to those who know where to look for her.

Neptune is morning star, and recent issue : leads the planetary choir in being "I am going to show you another the first to make his appearance the half-way house between conjunction and opposition, being then in last he met the fate of most cranks, was quadrature, or 90 ° west of the sun. Saturn is morning star, and is growing brighter and more conspicu-

ous as he approaches the earth. It about 30 ° northwest of the fairest of the stars.

was full on the 6th. On the 17th was a crank; any man who doesn't she makes a close conjunction with think as you do, my son, is a crank. Venus, at 4h. 37 m, in the afternoon. Although the nearest approach is invisible, the waning crescent and the radiant morning star will make a beautiful celestial picture on the morning of the 17th.

passes very near Venus on the 17th, crankier than others, but do you be Mercury on the 22d, and Mars on very slow to sneer at a man because he the 24th. She will occult these A horse can scarcely bear two-thirds three planets to observers whose of its weight, while one small species places of observation are in line with her geocentric position; that is as seen from the earth's center. These of a man in proportion to that of fortunate observers will see the moon, if the hour be favorable, hide The thing that goes in for variety, ver-Venus, Mercury, and Mars from view on the dates mentioned, the three occultations occurring within Our boys and girls may like to the limit of seven days.-Sc. American.

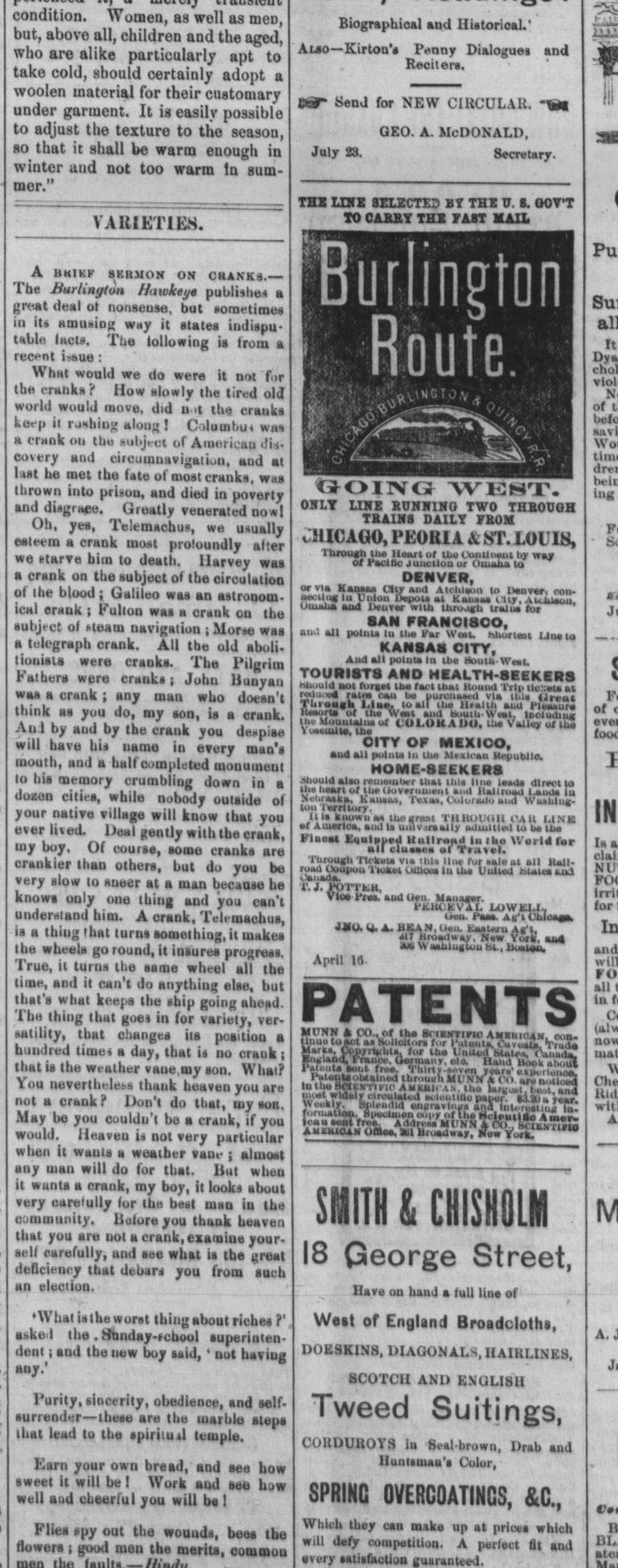
perienced it, a merely transient condition. Women, as well as men, but, above all, children and the aged, who are alike particularly apt to take cold, should certainly adopt a woolen material for their customary under garment. It is easily possible to adjust the texture to the season, so that it shall be warm enough in winter and not too warm in summer."

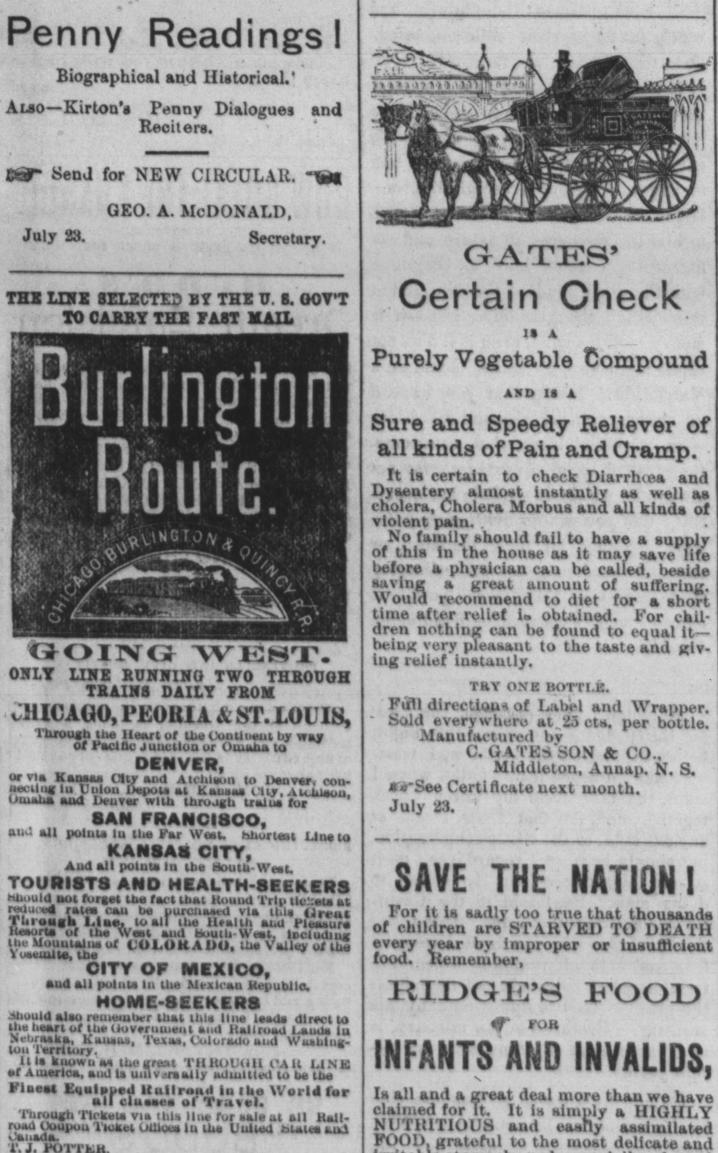
VARIETIES.

A BRIEF SERMON ON CRANKS .--The Burlington Hawkeye publishes a great deal of nonsense, but sometimes in its amusing way it states indisputable facts. The following is from a

What would we do were it not for the cranks? How slowly the tired old world would move, did not the cranks above the horizon. On the 14th, at keep it rushing along ! Columbus was a crank ou the subject of American discovery and circumnavigation, and at thrown into prison, and died in poverty and disgrace. Greatly venerated now!

Oh, yes, Telemachus, we usually esteem a crank most profoundly after we starve him to death. Harvey was is however the day of small things a crank on the subject of the circulation in his history. On the 17th, when of the blood; Galileo was an astronom-Venus is brightest, he may be found | ical crank ; Fulton was a crank on the subject of steam navigation ; Morse was a telegraph crank. All the old abolitionists were cranks. The Pilgrim The Moon,-The August Moon Fathers were cranks; John Bunyan And by and by the crank you despise will have his name in every man's mouth, and a half completed monument to his memory crumbling down in a dozen cities, while nobody outside of your native village will know that you ever lived. Deal gently with the crank, It will be noticed that the moon my boy. Of course, some cranks are knows only one thing and you can't understand him. A crank, Telemachus,





irritable stomach, and especially adapted for the INFANT and GROWING CHILD. Invalids, Nursing Mothers,

BRANCH-No. 25 Barrington St. Established 1871.

JOHN HUBELEY, Proprietor.

COATS, Pants, Vests, Shawls, Sacques Dresses, Clouds, Curtains, Table Cloths, Cashmere Shawls, &c., Cleansed and Dyed to look like new.

Silk Ribbons, Scarves, Crape Shawls, Satan Neckties, &c., Dyed all Colours.

FEATHERS DYED AND CURLED.

Gents Garments cleansed and pressed, Goods damaged by fire or water, faded or soiled, Coats Dyed to look like new.

Mourning Dyed at the shortest notice. Gents Garments and Ladies Dresses, all wool, Dyed and Pressed whole, without ripping.

JOHN HUBELEY, 566 Upper Water Street, Cheapest Place in the city for Dyeing. Oct. 12.

UNFERMENTED WINE,

Prepared for Sacramental and Dietetic

By F. WRIGHT, Maunfacturing Chemist Kensington High Street, London, W.

"This WINE is guaranteed to be the uice of the finest grapes of the Cote d'or, Andalusia, and the Medoc. It is perfectly free from Alcohol, and is guaranteed to be Pure Grape Juice. It has stood the test of 22 years' continuous sale in every climate. and is now used in upwards of 1500 Churches of all denominations. The mode of manufacture is a slight modification of a wellknown ancient practice, and effectually pre serves the grateful flavor and the rich nutri tious qualities unimpaired. It is therefore admirably adapted in cases of debility and fever, in which the stomach is too weak to digest other food. Children suffering from febrile ailments drink it with avidity, even when all other food has been refused.

JOHN M. HODGES, ESQ., M. D., F. C.S., Public Analyst for Antrim County and Belfast Borough.

"I have chemically examined the bottle of Wright's Unfermented Wine (taken by my son from the stock held by Mr. Wright's Belfast Agent), and find that it is free from alcohol, and contains the constitutents of grape juice. When mixed with water it will prove an agreeable beverage."

FROM R.V. JOHN BURWASH, Formerly Professor at Mount Allison, Wesleyan College, Sackville, N. B.

Sackville, May 23rd, 1882.

"I have just finished the analysis of the Wine sent. It is necessarily a slow process, some of the steeps taking two days. This

THE PLANETS FOR AUGUST .--- Jupiter,-is an evening star until the 7th. and morning star the rest of the moath.

HEALTH HINTS.

FOR EARACHE.-Keep on hand for this a phial of camphor. Camphor one, laudanum one, and sweet oil that you are not a crank, examine yourtwo parts. Warm a teaspoonful, self carefully, and see what is the great and pour it in the ear. Lay on the deficiency that debars you from such affected part a bag of bran well an election. heated; cover up with something warm to the feet, and drop to sleep.

FOR SORE THROAT .- Take a tea- any.' spoontul of black currant jam or jelly; put it in a tumbler, and fill up the tumbler with boiling water. Take this several times in, the day, and drink whilst hot.

WOOLEN UNDERCLOTHING .- With Our staid planet, the earth, rotates | regard to the sanitary importance | on her axis once in 24 hours. As of wearing woolen underclothing, flowers; good men the merits, common her circumference is about 24,000 the London Lancet says: "The men the faults.-Hindu.

the wheels go round, it insures progress. True, it turns the same wheel all the time, and it can't do anything else, but that's what keeps the ship going ahead. satility, that changes its position a hundred times a day, that is no crank ; that is the weather vane, my son. What? You nevertheless thank heaven you are not a crank? Don't do that, my son. May be you couldn't be a crank, if you would. Heaven is not very particular when it wants a weather vane ; almost any man will do for that. But when it wants a crank, my boy, it looks about very carefully for the best man in the community. Before you thank heaven

"What is the worst thing about riches ?" asked the . Sunday-school superintendent ; and the new boy said, ' not having

Purity, sincerity, obedience, and selfsurrender-these are the marble steps that lead to the spiritual temple.

Earn your own bread, and see how sweet it will be ! Work and see how well and cheerful you will be !

Flies spy out the wounds, bees the

May 28.

and those suffering from INDIGESTION will find on trial that RIDGE'S FOOD FOR INFANTS AND INVALIDS, is all they can desire. It is carefully put up in four sizes.

Constant users will find our No. 4 size (always the most economical size to buy) now much larger than formerly, thus materially lessening the expense.

WOOLRICH, Dispensing and Family Chemist, Upper Water St., Depot for Ridges Food, Pick-me-up Bitters, &c., with a well-assorted stock of Pure Drugs. April 17

TRURO AND KENTVILLE Marble, Freestone **GRANITE WORKS**, A. J. WALKER, Prince Street, Truro. A. J. WALKER & Co., Church Street, Kentville. to Dec. 81. Jan. 9.

Nova Scotia Book Bindery, C. & T. PHILLIPS, Cor er Granville & Sachville Streets.

BOOK BINDERS, PAPERS RULERS. BLANK BOOKS, Manufacturers, Perfor-aters, Steam Machine PAPER BAG Manufacturers. Cheapest in the Market. | Canning. Jan. 31.

Wine contains No ALCOHOL, nor any dele terious ingredient. * * * It can be relied on as wholesome, not having any intoxicating properties. * * *

FOR SALE AT MEDICAL HALL, AMHERST, N. S. C. A. BLACK, M. D. Dec. 5.



MANUFACTURED IN TORONTO.

A Permanent, sure cure for Diseases, Disorders and Ailments of the Kidneys, Bladder and Urinary Secretive System, or Attendant Complaints- causing Pain in Small of Back, Sides, etc., producing Urinary Disorders, such as too frequent, Scanty, Difficult, Painful or Copious Mensuration, Inability of Retention and Sedimentary Urine, Dropsical Symptoms, etc., denoting the presence in the system of Diseases common to the Urinary Secretive Organs, known as Gravel, Catarrh of the Bladder and Passages; Bright's Disease, Diabetes, Dropsy, Piles, Nervous Debility, etc., etc.,

Pamphlets and Testimonials can be obtained from Druggists free.

PRICES-Child's Pad, \$1.50, (cures Bedwetting.) Regular Pad, \$2.00. Special Pad for Chronic Diseases, \$3.00. Sold by

A. B. Cunningham, M. D., Annapolis; William A. Piggott, Granville ; Geo. V. Rand, Wolfville; J. B. North, Hantsport; W. H. Stevens, Dartmouth; Chas. F. Cochrane, Kentville; C. E. Borden,

May 31.