CALENDAR FOR SEPTEMBER, 1893.

Last Quarter, 3rd day, 5h 23.1 m., a. m, N.
New Moon, 10th day, 2h 52.2m., a. m. N E.
First Quar 17th day, 12h 6.4 m, mid N W.
Full Moon, 25th day, 4h 10.5m., p. m. E.

Day of Week	Sun rises	Sun sets	High water
	h m	h m	after
1 Friday	5 26	6 34	1 43
2 Saturday	27	32	2 32
3 Sunday	28	30	3 38
4 Monday	30	28	5 8
5 Tuesday	31	26	6 47
6 Wednesday	32	24	8 4
7 Thursday	33	22	9 1
8 Friday	35	20	9 48
9 Saturday	36	18	10 25
10 Sunday	37	15	11 0
11 Monday	38	14	11 28
12 Tuesday	40	12	morn
13 Wednesday	41	10	0 3
14 Thursday	42	8	0 34
15 Friday	43	6	1 0
16 Saturday	45	4	1 42
17 Sunday	46	2	2 35
18 Monday	47	1	3 26
19 Tuesday	47	5 59	4 40
20 Wednesday	50	57	6 2
21 Thursday	51	55	7 19
22 Friday	52	53	8 15
23 Saturday	54	51	9 1
24 Sunday	55	49	9 41
25 Monday	56	47	10 17
26 Tuesday	58	45	10 52
27 Wednesday	59	43	11 27
28 Thursday	6 0	41	aft 5
29 Friday	1	39	0 44
30 Saturday	6 2	5 38	1 31

THE DAILY EXAMINER

THE LEADING DAILY NEWSPAPER OF P. E. ISLAND,

Is issued every afternoon, from the office of THE EXAMINER PUBLISHING COMPANY, in the London House Building, Queen Street.

RATES OF SUBSCRIPTION.
(IN ADVANCE)

ONE YEAR.....$4.00
SIX MONTHS.....2.00
THREE MONTHS.....1.00
ONE MONTH.....0.35

Sent post paid to any part of Canada or the United States.

ADVERTISING RATES.

For small advertisements which are ordered for only one or two weeks the charge is 50 cents per inch for the first insertion, and 25 cents for each continuation. Rate cards are furnished on application at the office. Special contract prices at a reduced rate are quoted for advertisements four inches in size or larger, which are to run for three months or longer.

No special notices inserted unless paid for at the rate of 10 cents per line, and under no circumstances will such paid notices appear in the local column.

Special discounts made on all advertisements connected with Church Fairs, Bazaars, Picnics, etc. No notices will be inserted with the same unless the regular rate of 10 cents per line is paid.

That THE EXAMINER is considered by our Merchants and Manufacturers to be the leading newspaper in P. E. Island, and consequently the most valuable advertising medium through which to make their announcements public, is abundantly proved by the fact that in order to accommodate our advertisers we have been compelled to enlarge the paper to its present size.

THE DAILY EXAMINER is for sale by the following agents:—
R. H. Mason, Post Office, Charlottetown
Harvie & Co. 61 George Street, "
Theo. L. Chappelle, Queen Street, "
J. McIntyre, Malpeque Road, "
C. Paul, Lower Spring Park Road, "
W. M. Coffin, Grafton Street, "
D. Chappell, Prince Street, "
Palmer Store, Queen street, "
S. Gray, News Stall, P. E. I. Railway, and on the trains.
M. & T. J. Walsh, Eclectic Bookstore, Summerside.
Harry McFarlane, Souris.
Hon. D. Gordon, Georgetown.
D. A. Egan, Mt. Stewart.
G. M. Clarke, Alberton.

The Weekly Examiner

Is issued every Friday morning from the publishers' office. It is made up of matter which has appeared in the Daily editions, and is a first-class weekly newspaper—interesting and full of the latest news.

The subscription for THE WEEKLY EXAMINER, post paid to any part of Canada or the United States, is one dollar per year.

Advertising rates on the same scale as given bove for THE DAILY EXAMINER.

Prosthetic Dentistry.

I am prepared to mount Artificial Teeth on he different kinds of plates:—Aluminum, Watt's Metal, Reese's Metal, (these metals will not oxidize or turn black in the mouth). Vulcanite, Celluloid and Zylonite.
DR. J. P. MURRAY, Dentist.
Stamper Block, Victoria Row.

DOCTOR DORSEY,

Physician and Surgeon.

Graduate of the Medical Department of the University of the City of New York, late Member of the Resident Staff of Bellevue Hospital and the New York Lying-in Hospital, New York City.

OFFICE: North Side Queen Square
OPPOSITE POST OFFICE
Residence—Near Corner of King and Queen Streets, Charlottetown.

Robt. Balloch & Co.,

TEA MERCHANTS,
MINCING LANE----------LONDON
REPRESENTED IN CANADA BY
J. A. MORRISON, HALIFAX

A. LEOFRED,

(Graduate of Laval and McGill)
MINING ENGINEER.
MAIN OFFICE.....QUEBEC
BRANCH OFFICE.....MONTREAL

STAMPS WANTED.

OLD Canadian, United States' and other stamps, as used 25 to 40 years ago. For many I pay $1 to $5 each.
GEORGE LOWE,
346 Spadina Avenue, Toronto,

ROBERT BEAIRSTO

COMMISSION MERCHANT AND AUCTIONEER.
GOOD REFERENCES.
Salesroom: Queen Street, Charlottetown

WINES! WINES!

FINEST QUALITY.

Port, Sherry, Claret, Champagne, &c.

THESE WINES have been imported from first-class European houses, and are pure, reliable and well matured.

BYRNE BROS.,
Great George Street.

LOCAL TIME TABLES.

P. E. I. RAILWAY.

TRAINS FOR THE WEST.

Express leaves Charlottetown.....7.00 a. m.
Accom. do do .....3.40 p. m.

TRAINS FROM THE WEST.

Express arrives at Charlottetown.7.20 p. m.
Accom. do do.....10.40 a. m.

CAPE TRAVERSE BRANCH.

Train leaves Emerald Junction...6.15 p. m.
Train leaves Cape Traverse.....7.25 a. m.

Train arrives Emerald Junction.8.15 a. m.
Train arrives Cape Traverse.....7.05 p. m.

TRAINS FOR THE EAST.

Express leaves Charlottetown.....4 p. m.
Accom. do do.....7.30 a. m.

TRAINS FROM THE EAST.

Express arrives Charlottetown..10.20 a. m.
Accom. do do.....6.35 p. m.

STEAMSHIPS.

STEAMERS CARROLL AND WORCESTER.

Leave Boston for Charlottetown, Saturday, 10 a. m.
Leave Charlottetown for Boston, Thursday, 6 p. m.

STEAMER FASTNET.

Leaves Halifax, N. S., for Charlottetown, every Monday, 6 p. m.
Arrives Charlottetown from Halifax, about 6 a. m., Wednesday.
Leaves Charlottetown for Summerside, about 10 a. m. Wednesday.
Arrives Charlottetown from Summerside, about 4. a. m. Thursday.
Leaves Charlottetown for Halifax, N. S., 4 p. m., Thursday.

STEAMER ST. LAWRENCE.

Leaves Charlottetown for Pictou, N. S., 6 a. m.
Arrives from Pictou, N. S., about 6 p. m.

SOUTHPORT AND WEST RIVER.

Steamer leaves Charlottetown for Southport, 6 a. m., and runs every half hour until 10.30 p. m.
Leaves Southport for Charlottetown, 6.15 a. m., and runs every half hour.
Monday—Steamer leaves Charlottetown for Rocky Point at 2 p. m. and 4 p. m.
Tuesday—Leaves Charlottetown for Rocky Point at 9.30, a. m., 12 a. m., and 2 p. m.
Thursday same as Monday.
Friday—Leaves Charlottetown for Rocky Point, 9.30 a. m., 12 a. m., and 2 p. m.
Saturday—Leaves Charlottetown for Rocky Point, 8.30 a. m., 9.30 a. m., 2 p. m., and 4 p. m.
Sunday—Leaves Charlottetown for Rocky Point, 9 a. m., 12 a. m., 1 p. m., and 2 p. m.
Monday—Leaves Charlottetown for West River, 4 p. m.
Tuesday and Friday—Leaves Charlottetown for New Bridge, calling at Rocky Point and Westville at 4 p. m.

ROCKY POINT SAIL BOAT.

Monday and Thursday—Leaves Charlottetown for Rocky Point, 9 a. m., 11 a. m. 2 p. m., 4 p. m. and 6 p. m.
Tuesday, Wednesday, Friday and Saturday—11 a. m., 3 and 6 p. m.
Sunday—Leaves Charlottetown for Rocky Point, 4.30 p. m.

STEAMER JACQUES CARTIER.

Tuesday—Leaves Charlottetown for Orwell 4 a. m., and 3 p. m.
Wednesday — Leaves Charlottetown for Orwell, 3 p. m.
Thursday—Leaves Charlottetown for Orwell, 3 p. m.
Arrives from Orwell — Tuesday and Wednesday, 10 a. m.
Arrives from Orwell—Thursday, 8 p. m.
Friday—Leaves for East River, 4 a. m., and 3 p. m.
Arrives from East River, 9 a. m. and 7.30 p. m.
Saturday—Leaves for Crapaud, 3 a. m., 3 p. m.
Arrives from Crapaud, 10 a. m., and 9.30 p. m.
Calls at Vernon River every alternate Wednesday, beginning 24th May.
Leaves for Mount Stewart every alternate Friday, beginning 26th May.

STEAMER ELECTRA.

Leaves Charlottetown for Murray Harbor, Georgetown and Montague, every Thursday at 12 a. m.
Arrives at Charlottetown from Murray Harbor, Wednesday evening.

P. E. I. RAILWAY.

Until Further Notice the trains of this Railway will run daily (Sundays excepted) as follows:—

Trains will leave Charlottetown:

Express for Summerside and Tignish..6 00 a m
Accommodation for Mount Stewart, Georgetown and Souris.....6 30 "
Accommodation for Summerside.....2 40 p m
Express for Mount Stewart, Georgetown and Souris.....3 00 "

Passengers for the West can leave Charlottetown at 6 a. m., arriving at Summerside at 8.15 and Tignish at 11.55 a. m., returning same day, reaching Summerside at 4.05 and Charlottetown at 6.20 p. m. Express Trains make close connection at Summerside with Steamer to and from Point du Chene. Passengers going East can leave Charlottetown at 6.30 a. m., arriving at Souris at 10.55, or Georgetown at 10 a. m., returning to Charlottetown same day, arriving at 5.55, p. m.

Trains will arrive at Charlottetown:

Express from Georgetown, Souris and Mount Stewart.....9 20 a m
Accommodation from Summerside...9 40 "
Accommodation from Georgetown, Souris and Mount Stewart.....5 35 p m
Express from Tignish and Summerside.....6 20 "

All Trains are run by Eastern Standard Time.

J. UNSWORTH, Superintendent, Ch'town. D. POTTINGER, General Manager, Moncton.

EUREKA HOTEL,

WATER STREET.

Free Coach to meet all Trains and Steamboats. Moderate charges. Good table.

C. A. BENOIT, Proprietor.
Ch'town, July 31, 1893—3m m w f

S. R. FOSTER & SON,

Manufacturers of Wire Nails, Steel and Iron cut Nails and Spikes, Tacks, Brads, Shoe Nails, Hungarian Nails, &c.
ST. JOHN, N. B.

MARINE INSURANCE.

British and Foreign Marine of Liverpool.
Reliance Marine of Liverpool.
Nova Scotia Marine of Halifax.

Hulls, Cargoes and Freights insured at lowest rates.

Sterling Certificates, payable in any part of the world, issued on shipments.
FRED. W. HYNDMAN.
Ch'town.

THE DAILY EXAMINER.

Serate Read. Room

TERMS: Four Dollars a Year. "This is true Liberty, when Free Born Men, having to advise the Public, may speak free."—Euripides. Single Copies Two Cents

NEW SERIES. CHARLOTTETOWN, P. E. ISLAND, WEDNESDAY, SEPTEMBER 13, 1893. VOL 32.—NO. 67

Change of Business!

For nearly fourteen years we have conducted business in this city in the lines of SEEDS and GROCERIES to the satisfaction of our patrons, as is evidenced by the fact that a large proportion of our present customers have dealt with us regularly from the start. For several years past we have foreseen that the development of our Seed business—now the largest in that line in the Maritime Provinces—would eventually make it advisable to give up the sale of Groceries altogether. That time has arrived, and we now RETIRE FROM THE GROCERY BUSINESS, not because of any want of success in that line or want of confidence in our ability to continue to compete for a fair share of patronage, but for the reason that we have plans for the future which, properly carried out, will, apart from the Grocery business, take up all our time and employ all our capital.

We propose to further develop and extend our Seed trade, improve wherever possible the quality of the Seeds we sell, and increase our facilities for conducting that business; to enter more largely into the growing of Seeds for our own trade in such lines as this can be profitably done, and in connection with the Seed business conduct

A COMPLETE BOOK STORE,

in which the sale of Agricultural Literature will be made a specialty.

Our former Store in MONAGHAN'S BRICK BUILDING, on QUEEN STREET, is now being completely refitted and prepared for the proper carrying out of the above named plans. This Store will be open for business as soon as possible, and due notice will be given of the date. In the meantime our office remains where it is at present and we respectfully request prompt payment of all due and overdue accounts.

We have now to cordially tender our sincere thanks to our many friends and customers in both the city and country for their liberal patronage, and beg to inform them that we have sold out our STOCK OF GROCERIES and the good will of our Grocery business to MESSRS. BEER & GOFF of this city, and we bespeak for them the patronage of our customers in the Grocery line, and we feel confident that MESSRS. BEER & GOFF will endeavor to please all our old customers by giving them GOOD GROCERIES AT LOW PRICES and prompt attention, such as we have ever tried to do.

GEO. CARTER & CO.

Referring to the above, we shall make every effort to give Messrs. Geo. Carter & Co's. former Grocery customers, who may favor us with their patronage, the attention and satisfaction which we are sure they have received in the past, and thus prove that we merited their confidence in recommending their customers to deal with us.

BEER & GOFF.

Charlottetown, August 31, 1893.

KING'S COUNTY

Exhibition & Races

—AT—

GEORGETOWN, P. E. ISLAND,

WILL BE HELD AT THE EXHIBITION GROUNDS,

On Thursday, 21st of September, 1893.

All Horses for the Exhibition must be entered on or before the 16th of September Articles for Exhibition will be received at the Drill Shed from 3 o'clock, p. m., on Tuesday, 19th of September, until 6 o'clock, p. m., on Wednesday, September 20th Live Stock must be on the Cattle Show Ground at 11 o'clock, a. m., on Thursday, September 21st. The Exhibition Ground and Buildings will be open to the public from 9 o'clock, a. m., until 5 o'clock, p. m., on September 21st.

PRIZE LIST containing full information can be had from the Secretary and from Malcolm McDonald, Esq., Georgetown.

THE RACES

will be called at 2 o'clock, p. m., on THURSDAY, 21st SEPTEMBER, and will include the following:

THREE MINUTE CLASS (Trotters).....Purse $100 0
FREE FOR ALL CLASS (Trotters and Pacers)..... " 100 0

Entries for Races close on 13th of September.

The King's County Exhibition Association offer a premium of $25 for a Match Race between the Stallions BILLY McKIE and ALMONT M.

For conditions of Races see advertisement in Prize List of the King's County Exhibition, page 39.

Arrangements have been made with the P. E. Island Railway for the usual favorable rates, both for exhibitors and passengers.

D. GORDON, President.
GEORGE F. OWEN, Secretary.

Georgetown, Sept. 6, 1893—dy 2aw & wky pat guar wat 2i

RINGS!

in 10 carat, 14 carat and 18 carat, heavy and light weight; Engraved Band Rings, Diamond Set Rings, Ruby and Garnet Rings, Solid Gold and Real Stones.

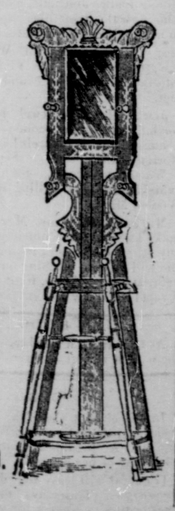
A LARGE STOCK AT

G. H. TAYLOR'S,

Ch'town, Sept. 8, 1893—tu fri NORTH SIDE QUEEN SQUARE.

HOW IS BUSINESS?

Booming, said the lumberman.
Out of sight—coal miner.
Quiet—undertaker.
Waking up—hotel porter.
All cut up—butcher.
I'm holding my own—banker.
Spreading considerably—gold beater.
Fair—restaurant keeper.
Forging ahead—blacksmith.
All in your eye—oculist.
Spanking—school teacher.
Improving—doctor.
Brightening up—painter.
Promising—politician.
All write—reporter.
I'm loafing—baker.
Looming up—carpet weaver.
Rocky—stone mason.



BEST IN OUR HISTORY---MARK WRIGHT & CO.
WHOLESALE AND RETAIL FURNITURE.
Charlottetown, July 7, 1893—tu fri

INDIAN BATHS.

The Red Men's Knowledge of the Laws of Health.

"Turkish" and "Russian" Bath of Civilization Known to the Indians.—How They Do It.—A Lesson From Nature which the Wise will Heed—Kickapoo Indian Sagwa a Grand Remedy.

INDIANS TAKING VAPOR BATHS.

In this way an Indian takes a "Turkish" or a "Russian" bath; They dig a hole in the earth, in which they lay stones, and upon which they build a fire, heating the stones to a red heat; they then carefully remove the coals; cutting a number of saplings they stick one end in the ground, bend them over and place the other end also in the ground, these extend over the hot stones in the shape of a half loop. Over these poles or hoops the Indians place skins of animals or blankets. If the "Russian" or vapor bath is desired, they then throw water upon the hot rocks, thus generating steam. Those desiring the vapor bath crawl underneath. After the pores of the skin are opened and they profusely perspire they crawl out and another Indian dashes buckets of cold water over them, or they plunge into a near by stream. They are then rubbed thoroughly with Kickapoo Indian Oil, and are given copious drafts of Kickapoo Indian Sagwa, after which they roll up in blankets and have a sound sleep.

Who can teach the Indians anything about health? His own physique answers for his superior knowledge.

His preparations of roots, barks and herbs, now given to the world for the first time in the Kickapoo Indian Remedies are unequalled by any discoveries of the medical world of the whites.

When you feel twinges of pain in your joints, look out, a slight cold might develop Rheumatic Fever. If you have pains in your back or sides your liver is congested or your kidneys are not performing their work and poison is gathering in your body.

Exposure to cold or contagious diseases would be fatal to you.

Pimples, blotches, and other humors indicate that the poison is working in your blood. You feel languid, heavy, dull; you awake in the morning unrested. Beware! Drive these symptoms away at once!

Take Kickapoo Indian Sagwa. It will cleanse your system, heal your diseased organs, purify and enrich the blood, and drive every taint of poison from your body. Then you will feel strong, bright, alert and active as the Indian does.

Kickapoo Indian Sagwa is composed of nature's remedies, gathered and prepared by nature's children, who depend not upon book knowledge for their cures, but upon the leaves, the flowers, the roots and the herbs that are placed in the earth by an all-wise Providence for the benefit of every living creature.

Why, look at the animals!

If your horse lacks his accustomed vigor you are taught to turn him out to pasture. You do so. The horse gets well.

Why?

Because there grows in every field the tender leaves of some medicinal plant which instinct tells the animals to eat, and does for the poor old horse precisely what some other, or perhaps the same plant will do for a human being. Restores the wasted energies! Renews the lost strength! Revives the drooping spirits.

Kickapoo Indian Sagwa.
Sold by All Druggists and Dealers.
$1.00 per Bottle, 6 Bottles for $5.00.

REMEMBER

that the latest triumph in pharmacy for the cure of all the symptoms indicating KIDNEY AND LIVER Complaint. If you are troubled with Costiveness, Dizziness, Sour Stomach

MEMBRAY'S

Headache Indigestion, POOR APPETITE, TIRED FEELING, RHEUMATIC PAINS, Sleepless Nights, Melancholy Feeling, BACK ACHE, Membray's Kidney and Liver Cure

KIDNEY AND

will give immediate relief and EFFECT A Cure Sold at all Drug Stores.

Membray Medicine Company of Peterborough, (Limited),
PETERBOROUGH, . . ONT

LIVER CURE

TOOTHACHE! HEADACHE! NEURALGIA!

INSTANTLY CURED BY ONE APPLICATION OF

NERVOL.

25 cents per Bottle, at all Druggists.

Why you take Cold and Cough.

Generally caused by exposure to cold, wet feet, sitting in a draught, coming from hot and crowded places, in thin dress, or wearing damp clothes, stockings, or any other cause tending to check suddenly the perspiration. The result produces inflammation of the lining membrane of the lungs or throat, and this causes phlegm or matter which nature tries to throw off by expectoration. In many cases she is unable to do so without assistance, and this is

Why you use Allen's Lung Balsam.

Three Size Bottles, 25c., 50c., $1.00

SCIENTIFIC MISCELLANY.

The annual consumption of platinum is about 215,000 ounces. It is used in incandescent electric lamps, in sulphuric acid for stills, for wire for dental use, and for chemists crucibles, jewelry, etc. The source of supply has long been the Ural region of Russia. Platinum, is also found, however, in the United States of Colombia, British Columbia, and the United States. Native washings in the United States of Colombia produce 9000 ounces, and the efforts of American capitalists are expected soon to bring the mines into importance. British Columbia yields about 4500 ounces. The metal has been much sought in the United States, but it is not yet known to exist in paying quantities, and is obtained only as an incidental product of some gold mines.

From the work of two French engineers, Messrs. Hugo and Lallemand, it is calculated that the ocean will reach Paris without artificial aid in somewhat less than 3000 years. They find that the surface of Southern France, especially in the Pyrenees region, is steadily rising, but that Northern France, particularly in the vicinity of Lille, is slowly sinking. In Paris itself the subsistence is about a third of an inch a year. It is pointed out that these views would appear to confirm the theory that England and France were once joined at the Straits of Dover.

The method of preserving timber by immersion in a bath of naphthaline is reported to have been remarkably successful. The naphthaline is contained in a tank, heated by steam pipes to about 200° F., and the timber is soaked from 2 to 12 hours. The naphthaline takes the place of the sap and water it expels, and a peculiar advantage of the process is the susceptibility to polish thus given the wood.

Ammonia vapor is proposed as a disinfectant by Herr Rigler, whose numerous experiments have shown that most of the microbes which are supposed to be the cause of various diseases are killed after being subjected to this substance for a few hours.

Some interesting experiments are being made in London in the commercial development of the new Hawkite process of manufacturing hydrogen gas. Clippings and scraps of iron, which have been hitherto practically useless, are roughly pressed into porous blocks, and these are used with sulphuric acid, in suitable generators, for preparing the gas. The residual ferrous sulphate is crystallized and sold. It is believed that the hydrogen can compete in many cases with coal gas, and under favorable conditions it is claimed the cost is actually covered by the value of the residual product. The process seems especially adapted to the running of small boats. The gas bricks occupy only one-fifth of the space required for an equal weight of coal, and the yield is 12,500 cubic feet per ton, against 9000 or 10,000 from coal. For power purposes no gas-holder is needed, as the gas can be conducted directly from the generating chamber to the engine. An 18-foot launch, fitted with a ½ horse-power gas engine, has been run 8½ miles an hour at a cost of about 10 cents per hour.

Various attempts, with results not altogether satisfactory, have been made to ensure absolute accurate shooting when the soldier is able to estimate the distance correctly. The Austrian Mannlicher rifle has been fitted with an automatic attachment which permits of firing the gun only when pointed at the predetermined angle with the horizon. The same object is sought by a German colonel in an electric attachment, which has the disadvantage of being complicated. In yet another arrangement a Hungarian watchmaker causes the trigger to be pressed by a clockwork movement when the right inclination is reached.

The soil is, of course, free from organic life at a depth of a few feet. In soil from the surface, Dr. A. Houston, of Edinburgh, found an average number of 1,687,700 bacteria; from a depth of three feet, 173,807; and from a depth of six feet, only 410.

About thirty electric locomotives are now in use in the mines of the United States.

The mean density of the earth has been studied by a French physicist, M. Berget, by means of a new instrument—the gravimeter of M. Mascart. This apparatus consists of a U shaped glass tube, containing a column of mercury balanced against a small quantity of hydrogen gas in such a way that slightly varying effects of gravitation will cause the mercury to move in the tube, as in the thermometer or barometer. By this delicate device M. Mascart believes he has obtained some evidence of a variation in the gravity of the earth. M. Berget made his computations of the mean density from the difference in effect upon the apparatus of the earth's attraction with the attraction of a lake and when the lake had been emptied of its 320,000 tons of water. A number of trials have led the experimenter to place the mean density of the earth at 5.4, the estimate of M. Cornu by the method of Cavendish being 5.5.

As a possible source of danger that may have been overlooked hitherto, a writer in Science mentions the formation of explosive gas in the hot water apparatus used in heating houses. Several quarts of gas each week were produced last winter in the radiators of two neighboring houses, the quantity being greater over a fire of anthracite than one of bituminous coal. The tests applied gave the impression that the gas was nearly pure hydrogen. It was evidently due to the decomposition of the water by the rusting of the pipes, which might be expected to take place most rapidly over an intensely hot fire of anthracite.

The most interesting solar eclipse yet to come during the present century will occur on Aug. 8, 9, 1896. It will be visible in Lapland, Novaya Zembla, Siberia and Japan. On the river Amur the period of totality will be 2¼ minutes.

For a considerable time cats have been held guilty of conveying diphtheria. It is now reported on the authority of a London surgeon, that an outbreak of scarlet fever has been traced to a cat from an infected family, while even a case of smallpox has been noticed in which infection had been brought in the same way.

PROGRESS.

It is very important in this age of vast material progress that a remedy be pleasing to the taste and to the eye, easily taken, acceptable to the stomach and healthy in its nature and effects. Possessing these qualities, Syrup of Figs is the one perfect laxative and most gentle diuretic known.

HAWKER'S LIVER PILLS contain no mercury, are purely vegetable, safe, sure and effective. Do not gripe, small, easy to take. Sold everywhere. .....

THE CATALEPTIC STATE.

A Peculiar Physical Condition About Which Doctors Know Little.

The proposition of Alexander McIvor Tyndall to Major Moses P. Handy to be buried alive for thirty days at the World's Fair has created a great deal of interest owing to Tyndall's phenomenal record as a cataleptic. Medical men are loath to say what a man in a trance, ecstatic sleep or catalepsia might or might not do, for the annals of medical history are full of the utmost incredible doings of strangely constituted beings who thus defy the laws which apply to ordinary mortals.

Dr. Charles E. Hughes, President of the neurological section of the American Congress of Physicians, was seen yesterday at his office relative to Tyndall and other remarkable cataleptics.

"Nothing in the wildest work of fiction ever written," said he, "is more thrillingly wonderful than the history of trance, somnambulism and catalepsia as revealed in medical annals. In fact, neurotics have made history."

"What do you think of Tyndall's case?"

"The condition frequent with him seems to be trance rather than catalepsy, for catalepsy is an apparent suspension of all the functions of life, including consciousness, while trance is an apparent suspension of physical life and an altered consciousness, in which the person entranced has beatific visions and often beatific expression, talking in such condition with unseen and angelic intelligences. We know very little about the cause of either condition, and the treatment is wholly symptomatic."

Dr. Hughes related the remarkable case of a young German patient who once came under his care while in a cataleptic state, and who remained thus continuously for five years, at the end of which time he died of a prevailing epidemic and not from the effects of the long sleep.

"This patient awoke for about an hour every day," said the doctor, "during which he would eat and talk, then relapse into his strange condition. He was intelligent, but his experiences for twenty-three out of every twenty-four hours were wholly a blank to him."—St. Louis Exchange.

ARC AND INCANDESCENT LAMPS.

How the Two Illuminants Differ in Principle.

A great number of people have but a very obscure idea of the principle of the arc and incandescent lamp respectively. It may be stated that in the arc lamp electric discharge takes place between two pieces of hard conducting carbon separated from each other by an interval which is kept as nearly as possible constant by automatic devices. An arc of light of intense brilliance, called the voltaic arc, is thus obtained. The carbons, being raised to an exceedingly high temperature and exposed to the air, suffer waste by combustion, and hence require renewal. There is also a transference of particles in the direction of the current, the negative carbon increasing at the expense of the positive one. With a view of obviating inconveniences arising from this cause, arrangements are often made for alternating the direction of the current. It is desirable, both for the diffusion of light and for the lessening of its otherwise painful and injurious intensity, that a globe or ground glass should be used. In the glow, or incandescent lamp, a filament of carbon inclosed in a globe exhausted of air by a mercury pump, serves as a path along which the current passes. The resistance the electricity meets with in passing through this filament is sufficient to raise the latter to incandescence, and a light is thus obtained more suitable for domestic purposes and the illuminations of interiors generally than that afforded by the arc lamp.

The Lines in the Hand.

Square or spatulated fingers, in the science of palmistry, denote the philosophical and practical temperment. Taper fingers signify an artistic temperament, and very pointed digits are a sure sign of the dreamy, psychical nature. Much is learned by the general quality and configuration of the hand and palm, as well as by the lines that cross the latter. The life line running around the base of the thumb denotes long or short life, good or ill health, according as it is long or short, clear and unbroken or otherwise. The "heart line," running across the palm nearest the base of the fingers, signifies the quality of the possessor's emotional nature, also the kind of love she will give and receive. This will be enduring or temporary according to whether the line be long and clear, forked or crossed and chained. Below this is the head line, which indicates the mental and moral qualities and achievements and deficiencies. The line of fate runs perpendicularly across the middle of the palm and is a very important factor in the happiness or unhappiness of its owner. It should be clear and narrow, unchained and uncrossed by the fine wrinkles which score so many palms, and it should never come to an end on the end on the line of the heart, since this signifies disappointment in love. A cross on the "mount of Mercury," which is just at the base of the fore or index finger, is an unfailing sign of a happy marriage.—Cleveland Leader.

Carp Peeling the Bark off Trees.

For some months past farmers whose fields touch the Darby creek, near Ardmore, Pa., have noticed that the bushes and small trees along the water's edge were dying. An investigation showed that the bark had been peeled off the trunks near the ground. Only bushes and trees that overhang the creek are affected. The farmers thought it must be the work of rabbits, and, as the depredations extended for three miles, a wholesale raid upon the bunnies was planned. Herbert A. Enochs says that a timely and startling discovery thwarted the farmers in their crusade. With loaded gun a farmer sat by the stream to watch for the shrub destroyers, when he beheld a large carp leap from the water and catch at the bushes. It was after a fly that had lighted there, but in its endeavor to get it tore off a considerable chunk of bark. Then other carp were seen doing the same thing. They had actually girdled all the bushes on the banks for miles in catching flies.—Philadelphia Record.

Anything in This?

A preventive of colds is said to have been discovered in the new paper stockings now made in Germany. The material they are formed of is especially prepared paper, impregnated with some substance which apparently sucks up all perspiration as quickly as it is formed keeping the feet warm and dry.

They Do Not Despair.

An utter loss of hope is no not characteristic of consumptives, though no other form of disease is so fatal, unless its progress is arrested by use of Scott's Emulsion, which is Cod Liver Oil made as palatable as cream.

Days of Agony

is the experience of thousands of sufferers from piles. Hawker's Pile Cure is a positive and painless cure. Sold everywhere. Price 50 cents. If afflicted, try it. .....

R. Bryce-Gemmel, M. D., F. C. S., Consulting and Analyticul Chemist, 288 Boylston St., Boston, Mass.,

J. F. Raymore, 17 Holborn St., Roxbury Mass. says:

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Skoda's German Soap,

I find it composed of ingredients of a chemically pure and healing nature. It cannot be too highly recommended, both for medicinal and toilet use. I also find

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perfectly pure and possessing high medicinal qualities. It can be used with perfect safety on the most delicate skin, and is an excellent ointment for general every-day use.

Mr. Raymore, whose picture appears above, and who for many years, was engaged in the manufacture of toilet soap, writes, under date of Feb. 4, 93: "I am surprised at its soft and purifying qualities. It is pure, unadulterated, and free from alkali, which most soaps contain."

Miss Alice L. Welton, a graduate of the Victoria General Hospital Training School for Nurses, Halifax, N. S., says: "Truly Skoda's Soap is soft as velvet and pure as gold. It makes the skin soft, white and beautiful."

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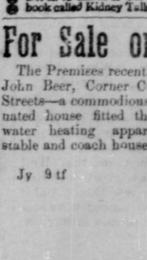

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