Railway Engineers as Heroes.

No man eludes death oftener or more narrowly than the locomotive engineer, says Mr. Thaddens S. Day. ton, writing in Harper's Weelky. On a fast train the danger threatens and is gone in a fraction of a second. He goes on to tell of some of those "close calls" which every engineer must reckon as part of the day's work. There are a few cascs, we are told, when Providence steps in a fast train the danger threatens.

"I was taken ill with kidney trouble, and became so weak I could scarcely get around. I took medicine without benefit, and finally decided to try Hood's Sarsaparilla time first bottle I felt so much better that footinued its use, and six bottles made me and woman. When my little girl was a baby, she could not keep anything on her stomach, and we gave her Hood's Sarsaparilla which cured her." Mrs. Thomas Insurance told, when Providence steps in and averts a disaster which seems Hood's Sarsaparilla inevitable

The most remarkable instance of this sort happened many years ago on a railway in eastern Missouri. The story was told recently in the shock half threw the engineer from Conductors.

One summer morning a twelve- Then he worked himself down along car train containing the members of the uninjured side of the swaying a Sunday school was bound for a locomotive to where he could open pionic at a point about fifty miles one of the principal steam valves. distant. Although the sky was A cloud of vapor rushed forth with cloudless when the excursion started, a tremendous roar. Although robthe train had not proceeded more bed of its power, the locomotive did than half way when a thunderstorm not elacken speed until it reached broke. The rain fell in torrents. the bottom of the grade. Then little The engineer was worried for fear by little the threshing of the great the terrific downpour might cause a driving rod, which was pounding washout or a spreading of the rails, the upper part of the engine to and he slowed down to about 35 pieces, grew slower, and finally it As the train swung around a curve jured, and not a passenger in the

meant a terrible disaster. He closed railroading might have resulted." his throttle and put on the brakes in an instant.

"Better stick to it," he shouted to his fireman.

"God belp us all !" His last words were drowned by a simultaneously with a flash of light main line rails.

the switch.

QUICK WITTED HEROISM.

More often the story of a close call is "a tale of quick-thinking heroism." We are told of an engineer whose presence of mind saved scores of lives in Newark, N. J., one December day a few years ago:

" A freight train was going up a steep grade about half a mile from the station when the couplings broke between the third and fourth cars from the end, and they began to roll down hill at a terrific speed. A long passenger train had just arrived and was standing directly in the path of the runsway cars. The engineer of the passenger train saw the approaching danger and realized in a flash that the on-rushing cars must be stopped at all hazards before they reached the station, otherwise there would be a terrible loss of life. He uncoupled the engine, sprang into the cab and opened the throttle. The big engine bounded forward like a spirited borse struck with a whip. At the last moment before the collision the engineer shut off the steam and jumped. He landed unburt in a beap of cinders. The engine crashed into the runaway cars, and an instant later there was nothing left of the locomotive or the cars but a mass of wreckage. At least a hundred lives were saved by the engineer's prompt action."

THE BROKEN DRIVING ROD. "Occasionally a fastening of one of the great driving rode will break. Then at every revolution of the wheel to which the other end is come, "swinging like a Titan's flail," beating three hundred strokes

· No disaster comes so unexpectedly and is so much dreaded as this. Almost invariably it bappens when the engine is running at high speed. When a driver breaks it is a miracle if the men in the cab escape with their lives. If they do survive, and by their heroism succeed in stopping the train and avoiding a wreck, despite the rain of blows from this huge flail of steel, their acts bring forth a greater measure of praise than almost any other form of bravery that the railroad knows.

"Only the other day one of the driving rods of a fast passenger locomotive broke while the train was running more than sixty miles an hour down the steep grades of Pick. erel Mountain In an instant the whirling bar of steel had smashed the cab and broken the controlling mass of wreckage almost dammed mechanism, so that it was impossible the stream. In its indescribable to bring the train to a stop by ordinary means. The great locomotive lunged forward like a runaway horse that had thrown its rider. In some way, bowever, Lu'z, the engineer, had escaped injury. He crept to the opposite side of the cab and climbed out through the window upon the boiler to try to reach some of the controlling apparatus from Contto Emulcion the outside. He was working him-self astride he scorobing boiler when endderly the engine struck a curve, which it took at terrific speed. The

Pains in the Back Are symptoms of a weak, torpid or stagnant condition of the kidneys or iver, and are a warning it is extremely hazardous to neglect, so important is a healthy action of these organs They are commonly attended by loss

of energy, lack of courage, and some-times by gloomy foreboding and de-

Cures kidney and liver troubles, re-lieves the back, and builds up the

official organ of the Order of Railway his perilous position, but he saved bimself by grasping the bell rope. stopped. No one was killed or inand approached a small station long train knew until it was over of which it was to pass without stop- the danger that had been avoided so ping, the engineer, peering through narrowly. If it had not been for the broken curtain of rain, saw that the bravery of the engineer one of the switch just ahead was open. It the worst wrecks in the history of

AN EXTRAORDINARILY CLOSE CALL. One of the most extraordinarily close calls that an engineer ever had "I mean to," was the answer, occurred on a Western Railroad last year, says Mr. Dayton:

"A heavily loaded 'flier' was sailterrific crash of thunder which came ing along one night at between sixty and seventy miles an hour, approaching that seemed to strike the ground ing a broad river that was spanned just shead of the engine. The next by a drawbridge, which was something they knew they were past the times open and sometimes closed. station, still riding safely on the The train was supposed to come to a halt and the engineer to find out. The train came to a stop, and the If all was well he would sound the engineer and conductor hurried back whistle and proceed slowly. On to discover what had happened and this night, however, the long train how the train had passed the open rushed on the bridge with undiminswitch. They found that the lightn- ished speed. Fortunately, the draw ing had struck squarely between the had just been closed and nothing

"The engineer's failure to stop at the bridge was the first intimation that the fireman had of anything wrong. He ran around to the engineer's side of the cab, shut off the steam and applied the brakes. He found the engineer fallen forward. senseless, with an ugly gash in his head. Beside him lay the stone which had inflicted the wound. It was afterwards established beyond

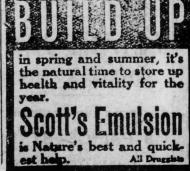
question that in some inexplicable way this stone had been picked up by the engine itself while moving at its great speed and hurled into the cab. If the draw had not been closed that night when the 'flier' rushed across the bridge there would have been another accident which would have added to the story of railroading a mystery almost as deep as any connected with the navigation of the

Such things as these make the engineers fatalists. According to Mr. Dayton, all of them believe that they will die when their time comes. and there isn't much use of worrying about it. Mr. Dayton concludes with the story of an engineer on a Southwestern railroad who firmly believes that he bears a charmed

SAVED BY A CYCLONE.

"Several years ago he was hauling a long train of refrigerator cars loaded with fruit from California and running on express time. It was toward the close of a bot midsummer day. The track stretched for miles straight away over a level plain. In the distance a storm attached, the great steel bar, weigh- seemed to have broken, and the ening several thousand pounds, will gineer observed that it seemed to be moving diagonally toward bim, In a few minutes he dashed into a torrent of rain, and then, preceded by an ominous husb, he heard the roar of the cyclone. A broad, shallow river spanned by a wooden bridge lay ahead. Peering through the darkness, the engineer fancied that he eaw the funnel-shaped cloud embrace and obliterate the bridge. The next thing that he knew was that he was sailing through the air, and his last thought was that he would land in the river and could not swim.

"When he recovered consciousness he was lying in a wheat field five hundrdd feet from the track amid the debris of the woodwork of the engine. Much to his surprise, he was still alive. He struggled to his knees and saw his fireman crawl. ing toward him. When the storm fulled they made their way to the track and thence to the river. A



escaped .- Star.

Gather.

Every cloud has an open secret written upon its face, which may be read by any one who will give bimself a little trouble. There are two distinct types of clouds, Strates and Cumulus. The first is of sheet-like condensation, a certain proportion of formation, the second possesses a heap the moisture becomes visible in the ed up appearance. When these two form of a cloud. Then clouds are

There is no term more misused in general than cyclone. Such a storm s associated with destruction of life and property, with a general leveling of buildings, and is considered de cidedly out of the ordinary. As a matter of fact the ordinary storms which move over the United States are cyclones. They come from the northwest and from the southwest. usually passing off toward the Gulf of St. Lawrence.

It might be thought, in view of he fact that we are becoming more and more familiar with what may be termed weather knowledge, that such popular errors would correct them selves, but just as the cloud is more or less of a mystery to most persons, at least so far as its significance is concerned, so the proper way to describe a storm seems almost wholly misunderstood. Storms are divided into three

classes, cyclone, hurricanes and tornadoes. Hurricanes enter the United States from the south or south-east, usually occurring from July to October in this part of the world. They originate in the eastern parts of the Darribean Sea, travel by a curved y changing more to the north and northeast ward in the Gulf and Atstores are shattered, that here and sion very had weather. there a tree falls before its fury, we may set it down as a hurricane. Cyclones, ordinary storms, may be thousand miles in diameter. Hurricanes are somewhat less, say six hun-

dred or eight hundred miles. The tornado is the most dangerous of all, although there is no severe storm unaccompanied by a degree of peril. In the United States tornadoes occur most frequently in the Mississippl and Ohio Valleys, although there are few States east of the Rocky Mountains which do not receive occasional visits from them. They zones under different aspects being known at sea as water spouts, and in deserts as sand storms.

pen in fair weather on the lake or on per cent. land under suitable conditions. In a dry atmosphere they are known as white squalls, because a small white Department of Agriculture at Wash. cloud at a great height is all that is ington weighed 170 pounds. A visible. A family of tornadoes may specimen weighing a ton and measbe produced from the same cloud, as uring nine feet high and three feet many as fifteen tubes having been in diameter was once received at observed at once at such a time.

The most characteristic feature of a tornado is a funnel or spout. The diameter of the actual spout rarely exceeds a few yards, and the total area of the destructive wind is rarely more than three or four hundred yards across. The beight of the spout is that of the lowest layer of clouds, never very high at such time, and as in thunderstorms, the upper air currents are not in the least affected by the storm raging below. The general appearance of the cloud over the spout is peculiarly smoky, or like the fumes of a burning haystack. always accompany a tornado.

Usually, threatening clouds, the merging of the cumulus and stratus, give warning of the storm, This cloud merger then discharges hailstones of considerable size, the storm continuing anywhere from ten to thirty minutes. Then the tornado may be seen forming, and almost any one can graspe what is about to happen. The tube of a tornado is most uncertain in its journey. Guided by currents, it sometimes turns at almost right angles, leaving what seemed to be its objective point unharmed. every one is able to read, is the ap

One cloud feature which almost proach of a thunderstorm. The simplest kind of a thunderstorm may be more properly described as a squall, accompanied by thunder and this pulp. Then taking it up hand. lightning, instead of only by wind and rain. On a wild, stormy day, with common squalls, one or two of these which are exceptionally violent, will be accompanied by one or to

claps of thunder, with lightning. There is no difference between common squall and a thunderstorm, except that the clouds are more in- ies. Our trade during 1909 tunity offers, can planily see. In fort during the present year what takes place in all other kinds of digan.

confusion they recognized what had thunderstorm. So much is this the been their train. The elycone had case that in Iceland there are no torn the cab free and carried it and summer thunderstorms, but only itg occupants to safety. They were winter ones, of this simple, small type, the only ones of the train crew who In Norway both types occur, the winter ones being much more de structive, because the clouds sink When the Storm Clouds lower, and, therefore, the lightning is nuch more likely to strike buildings. Aside from the question of direct

storm clouds, the study of clouds. as a whole, is one of the most interesting pleasures that can be enjoyed. In the beginning, one must understand that clouds, owe existence to two causes. Through the passing o warm, moist air into colder, owing to

types merge, a storm is brewing. also formed by air that rises to a The union of these two forms the height where there is a decrease in both pressure and expansion. The result in this instance is also condensation. Here is the origin of the cloud. Now the thing to do is to trace the cloud into the various regions where it drifts or is propelled. and learn what the alliances it may form bring, and just what are the bits of cloud we see floating about.

> Take, for iustances, the mackerel sky. Ever so many persons believe that sky of this description, or, rather such a cloud effect, indicates, fair weather. On the contrary, it is a strong indication that the weather is to change for the worst. Soft sunset clouds, or colors, indicate fine, settled weather, fiery or brilliant hues denote a change to stormy or wet weather.

Coronas are broader rings, seen quite close to the sun or moon, and ter!" are due to the shining of light through the edges of loose clouds. They happy!' have red on the outside and blue on the inside of the ring. Now and then one may notice these same effects not in circles, but they are of the same formation, drifting about unattached,

because of the very lack of form. Cirrus, or tufted, clouds are reliable weather guides, as a rule. They form rack, northwest ward at first, gradual. in parallel threads. Should the threads appear on and parallel to the western horizon, and moving from a northerly lantic Ststes, until they, too, join the point, what the weather bureau calls great path in New England by which a depression is approaching from the storms leave this country. In the west. This, while likely to cause bad central portion of the hurricane the weather, will probably pass to the wind usually blows from sixty to eigh. north of the observer. Should the ty miles an hour. It is in cities and lines appear parallel to the southwest towns they work their chief destruc- horizon, and be moving from a north- family for years, and consider it the westerly point, the depression will like, best liniment on the market. I have severe that plate glass windows of ly pass over the observer, and occa-

A Drink in the Desert.

Strangers left alone in the desert often die; native animals and native races do not. For the natives know that there is water in all deserts and that the receptacles for this water are plants which by means of their roots absorb water from the soil when the rains come and atore it up like reservoirs for use in time of drouth. An examination with the microscope shows how this is done. form in all parts of the temperate The interior of a plant that holds water consists of myriads of water storage cells, and according to the Strand a determination of the water Small tornadoes are called fair in a sample of the storage tissue of weather whirlwinds, when they hap- the barrel cactus has shown over 96

One specimen recently kept in the conservatory of the United States Kew, but soon died owing to injuries

Some years ago when Frederick V Colville of the Department of Agriculture at Washington in company with D. T. McDougal of the New York Botanical Garden, was in Mexico seeking a location for a desert botanical laboratory for the Carnegie Institution of Washington, he made a special study of the barrel cactus. Happily for the investigation

there was at hand in the person of Mr. Coville's guide an intelligent Papago Indian-one who, from old time practice, was able to show how deftly and quickly the traveller in the desert may quench his thirst He first picked out a eactus a little over three feet high and twenty inches in diameter. He then sliced off the top and exposed the white interior, raising the top from the plant as if it were a lid on binges. Inside could be seen a pulpy structure, evidently saturated with water. although it was noticeable that the

water did not exude from the pulp when the out was made. The guide then out a stake about three inches in diameter at the blunt end and began to mash the flesh of the cactus By this means he made in the top

of the cactus a sort of bowl and soon had collected a suitable quantity of ful by handful he squeezed out the water into the bowl and tossed the useless pulp away. The flavor of the water was slightly salt.

Our store has gaineda reputation for reliable Grocer tense, as any one who cares to look has been very satisfactory. closely and compare, when oppor- We shall put forth every ef-

NEARLY MAD WITH SICK HEADACHE

There are few people who have never experienced a sick headache, and those who have not may be considered very lucky, as it is one of the most aggravating headaches a person can have. There is only one way to prevent these horrible adaches and that is, to get rid of the

MILBURN'S LAXA-LIVER PILLS

Miss M. Denney, Edmonton, Alta., writes: "I wish to write you of your splendid remedy, Milburn's Laxa-Liver Pills as a cure for Sick Headache. I have been nearly mad with headaches for nights together, and have not been able to close my eyes. I was working at a lady's house and she told me of your Laxa-Liver Pills. I took four vials of them and I have not been troubled with a Milburn's Laxa-Liver Pills are 25c vial or 5 vials for \$1.00, at all dealers, or will be mailed direct by The T. Milburn Co., Limited, Toronto, Ont.

A miner in a western mining camp decided to open a saloon and restaurant. He wanted a high-toned name So he called a conference of friends and well-wishers. They deliberated for a long time.

Finally when the name was decided upon it was painted on a box cover and gailed over the front door. The sign read :- "Puss Cafay.

Minard's Liniment cures Distemper.

"Sir I want to marry your daugh-

"Take her, my boy, and let me be There is nothing barsh about Lax-

Liver Pills. They cure Constipation, Dispepsia, Sick Headache, and Bilious Spells without griping, purging or sickness. Price 25 cts.

"What form of a summer amusement pleases you most?" "Staying at home and writing to people at summer resorts about how cool it is in the city.

This is to certify that I have used MINARD'S LINIMEN'T in my found it excellent for horse flesh

W. S. PINEO. "Woodlands," Middleton, N. S.

Nell-Miss Antique says all men Belle-Yes, I suppose all men do

ook alike to Miss Antique. Minard's Liniment cures

Diphtheria Little Fish- "What are your

summer plans?" Big Fish " I shall get away as us-

Muscular Rheumatism.

Mr H. Wilkinson, Stratford, Ont., says:-It affords me much pleasure o say that I experienced great relief from Muscular Rheumatism by using two boxes of Milburn's Rheumatic Pills. Price a box soc.

Irate Father-I will give you one nore chance to redeem yourself, sir. Wortless Son-I'm too flat broken ven to do that, governor.

Beware Of Worms.

Don't let worms gnaw at the vitals of your children. Give them Dr. Low's Pleasant Worm Syrup and they'll soon be rid of these parasites. Price 50c.

"How did Tom manage to get so much of his uncle's estate?' "He married his lawyer's only

Her Baby Nearly Died. WAS TAKEN SICK WITH Dysentery.

Mrs. Chas. Farrell, Oakland, Man. writes:- "My dear baby was taken sich last fall, and we got the doctor and he said she had dysentery. She nearly died completely cured her.

"My two little boys got a bad case of diarrhoea and two doses made a wonderful change and they were completely eured also. I would not be without such a grand medicine as Dr. Fowler's Extract of Wild Strawberry if it were twice the price, as I consider it a wonder-ful medicine, and I cannot recommend

Dr. Fowler's Extract of Wild Straw berry has been on the market for over sixty-five years, so you are not experi-

Do not accept any of the many sub-Western Europe this class of thunder to give our customers the best storm is much more common in winter than in summer, the reverse of possible service.—R. F. Mad-Manufactured only by The T. Milburn Co., Limited, Toronto, Ont.

School Books

AND-

A FULL SUPPLY OF ALL THE Authorized School and College Text Books for the School Term of 1910-1911.

ALSO A BIG SUPPLY OF

Scribblers, Writing Pads, Exercise Books, Slates, Pens, Pencils, Inks, Erasers, Rulers, Note Paper, Envelopes, Microscopes, &c., &c.

Our prices will be found the lowest.

All SCHOOL and COLLEGE BOOKS sold at PUBLISHERS PRICES,

CARTER & CO., Ltd.,

BOOKSELLERS AND STATIONERS, Queen Square, Charlottetown.

HARDWARE!

Largest Assortment, Lowest Prices.

WHOLESALE and RETAIL

Fennel and Chandler

STOCK.

For the Summer Trade a fine selection of

TEMPERANCE DRINKS

FRUIT, CONFECTIONERY, etc.

If you need anything in Pipes, Tobacco, Cigars or Cigarettes, we can supply you.

DROP IN AND INSPECT.

JAMES KELLY & CO. June 23, 1909-3m

with it, but two or three doses of Dr. Spring & Summer Weather

Spring and Summer weather calls for prompt attention

Repairing, Cleaning and Making of Clothing We are still at the old stand,

menting when you use this old and tried PRINCE STREET, CHARLOTTETOWN

Giving all orders strict attention.

H. McMILLAN



Amherst

Are the Farmer's friends.

Boots

Made from Solid Leather throughout, counters, insoles and heels They stand up and stand the strain of hard wear through all kinds of mud. slush and wet.

Men's Amherst Boots, \$1.60 to \$2.75 1.50 to 2.00 1.10 to 1.35

Alley & Co.

W. J. P. MCMILLAN, M. D., PHYSICIAN & SURGEON.

OFFICE AND RESIDENCE: 148 PRINCE STREET.

CHARLOTTETOWN. June 15, 1910-tf MARITIME

Intercolonial Railway

THE

Halifax -AND-

> Montreal. Meal Table d'hote

Breakfast 75c. Luncheon 75c. Dinner \$1.00 Direct connection at Bonaventure

Union Depot with Grand Trunk

I. A. McLean, K. C. 全类 Donald McKinnon McLean & McKinnon

Barristers, Attorneys-at-Law. Charlottetown, P. E. Island.

Morson & Duffy

Barristers & Attorneys Brown's Block, Charlottetown, P.E.I. MONEY TO LOAN. Solicitors for Royal Bank of Canada 260 Miles in 52 days.

JOB WORK

Executed with Neatness and Despatch at the HERALD Office,

Charlottetown, P. E. Island Tickets

Dodgers

Posters Check Books

Receipt Books

Note Heads Note Books of Hand

Letter Heads