### The Latest Fatal Wreck On the Tottering New Haven



The fatal New Haven Railroad wreck. Photograph shows how the engine crashed into rear Pullman, killing

Engineer Charles J. Dougherty, in charge of the New Haven train, which crashed into the rear of a stalled train, June 12, with fatal results, testified at the inquest that the emergency and air brakes of his engine were ineffective and that he had reported the condition June 10. On Tuesday, previous to the accident, Dougherty testified, he tried the brakes to prevent running down a boy. The brakes did not work, and in trying to reverse his engine Dougherty strained his back so that he was physically unable to reverse his engine when he saw the train ahead of The Pullman into which Dougherty's engine crashed was a wooden car.

# THE NEW PUBLIC HEALTH

ne Advertiser Bureau of Public Health Information QUESTIONS. ANSWERS. COMMENTS. Conducted by Institute of Public Health, London, Ont

Quections should be addressed "The New Public Health," care The Advertiser, London, Ont." Private questions accompanied by a stamped, self-addressed envelope, will receive private answers. Medical treatment for individual cases cannot be prescribed.

T. K., Sr. Inclosed is a cutting taken from a discourse given by you, in The Advertiser, which to me is not very dis-

tinct, being a person always enjoying good health, all my life and am now

Answer.—I do not quite understand Answer.—Yes, what may be called stony ground any less than from good what you wish, so our misunderstand the military method, since it has been ground!

ing seems to be mutual. matter of fact you have never had an attack of any infectious disease, you are an exception. You are in fact an example of what the whole race will be fifty or one hundred years hence; one boiled and then cooled for them. This matter of fact you have never had an attack of any infectious disease, you are an exception. You are in fact an example of what the whole race will be fifty or one hundred years hence; one boiled and then cooled for them. This method is now used regularly on a good ground, doorkeeper?—which I could properly doorkeeper?—which I could properly attack." None the less we have the word of Lord Morley that the most impressive and pure piece of religion mitted his country the humblest office—shall I say that of doorkeeper?—which I could properly the humblest office—shall I say that of doorkeeper?—which I could properly the humblest office—shall I say that of doorkeeper?—which I could properly the humblest office—shall I say that of doorkeeper?—which I could properly the humblest office—shall I say that of doorkeeper?—which I could properly the humblest office—shall I say that of doorkeeper?—which I could properly the humblest office—shall I say that of doorkeeper?—which I could properly the humblest office—shall I say that of doorkeeper?—which I could properly the humblest office—shall I say that of doorkeeper?—which I could properly the humblest office—shall I say that of doorkeeper?—which I could properly the humblest office—shall I say that of doorkeeper?—which I could properly the humblest office—shall I say that of doorkeeper?—which I could properly the humblest office—shall I say that of doorkeeper?—which I could properly the humblest office—shall I say that of doorkeeper?—which I could properly the humblest office—shall I say that of the humblest office

Mc Health, shows that the average itself without harm to the consumer. individual of twenty-one years old has suffered at least three attacks: consisting of any three of the following: Chickenpox, German measles, scarlet mumps, pneumonia or diphtheria. Of course.

persons suffer from tuberculosis, typhoid fever, smallpox, venereal diseases and other infections, so that it is safe to say that and not readily portable; copper had at least four, often five, infectious

diseases all told. We seldom realize these things because we really do not think about them definitely. More than one parent as the result of the Health Census found that the children he or she would have said offhand "had never sick" really had had three, four, five or six of the infectious diseases; but these had been forgotten until the parents sat down and began to think up what

he real facts were. You ask how to detect an infectious person? You would have to study medicine, but especially the infectious diseases, before you could pretend to know all the ins and outs, all the different ways: and then you would have to study epidemiology as well in order to apply all these things successfully.

I could not tell you in this column all that you would have to learn. Briefly, the chief subdivisions may be summarized thus: the "frank" cases, i. e., the well-developed cases, of tuberculosis, measles, scarlet fever, typhoid fever, etc., show very definite characteristics, many of which non-medical persons know. But unfortunately the bulk of the infectious diseases do not run this "frank," well-develop-ed course. They take on disguises of various kinds, through

which the trained experts sees detect false teeth or a hair-dresser false hair, yet disguises that utterly mislead the inexperienced or the beginner. Sometimes these disguises will puzzle even experts and then reliance under the miscroscope or by means of cultures: a search for peculiar ocin others. This is the most quickly, or accidental germs from the recent, most intricate and most fascinating part of the whole proceeding, very simple in principle, often very difficult in practice.

often very difficult in practice, but A level teaspoonful of chloride of wonderfully accurate in skilful hands. lime should be rubbed up in a teacup

successfully to the non-medical man; in the water are destroyed. although some non-medical men have done excellent pioneer work in epi-demiology, notably Sedgwick, of Bos-tablets or capsules containing exactly ton; Winslow, of New York; and Jor- the amount necessary for a pint, quart dan, of Chicago.

work has yet been done in Canada and in one or more tablets to correspond it is only beginning to be recognized and wait ten minutes.

as important here, although the ulti"Hypochlorite," or chloride of lime mate abolition of infectious diseases to use the ordinary term, is a regular rests upon it. Epidemiologists are now drug of the British Pharmacopeia. The attached to the leading state and city amount which the Pharmacopeia gives boards of health in the United as a reasonable dose is sufficient to States, and in time will be considered disinfect fifty gallons of water, so only an indispensable part of the staff of a very thirsty man, thirsty enough to givery board which pretents to reduce drink one hundred gallons (!) at a sit-who lost his first wife to the "Cowboy Poet," Harry Kemp.

garbage or cleaning streets.

H. W. HILL.

GRATEFUL.

It is not always convenient when ood health, all my life and am now away from home to boil the water for eventy-two.

Kindly state what way one could drinking. I would like you to tell me NEW THOUGHT. detect a person having a contagious if there is any quicker way of killing disease.

T. K., Sr. the germs? GRATEFUL.

used in emergency purification of large

fifty or one hundred years hence; one which does not know by personal experience what the infectious diseases are like!

As a matter of fact the recent Health census made by the Institute of Public Health, shows that the average like like health average like like like and pure piece of the probably follow; and pure piece of the probably follow; being the had ever witnesseptible or non-susceptible person; or a person who is only her had ever witnessed or the product of the dever witnessed or the product of the susceptible or non-susceptible person; or a person who is only her had ever witnessed or the product of the susceptible or non-susceptible person; or a person who is only her had ever witnessed or the product of the susceptible or non-susceptible person; or a person who is only the head ever witnessed in the dever witnessed or the product of the susceptible or non-susceptible person; or a person who is only the head ever witnessed or the product of the susceptible or non-susceptible person; or a person; or a person who is only the head ever witnessed or the product of the susceptible or non-susceptible person; or a person who is only the head ever witnessed or the product of the susceptible person; or a person who is only the head ever witnessed or the product of the head ever witnesses.

before twenty-one) many was thus used with more or less success, but was rather weak and slow: czone is very successful but when the average person of your age has too slow although very effective, and is dangerous in large quantities.

Finally some one (a German, of ourse!) suggested and sused ozone obtained from ordinary bleaching pow-ier, or "chloride of lime." This is apid, cheap, portable; its one disdvantage that being cheap and comnon, people in general think it can ot be any good, although as a matte fact, chloride of lime is quite the cheapest, most powerful, most readily andled and most harmless disinfec tant we have, not excepting even sun light, when the whole truth is told.

Chloride, of lime "has such a nasty smell!" But this "nasty smell" simply the smell of concentrated ozone exactly the same thing to which people are fond of attributing the superiority of the air in their favorite places of

Chemically, chloride of lime acts by producing ozone from the water in which it is dissolved. The ozone atacks and decomposing matter, literally "burning it up." It incidentally destroys germ life also, depending on the strength in which the ozone is present for its effectiveness. The ozone uses itself up in these very activities and disappears with the

In order to secure disinfection of water for drinking purposes by ozone chemically set free, all that is necessary is to add the proper amount of good bleaching powder (33 per cent. available chlorine) to the water, wait a few minutes for its action to occur

and then drink the water. As compared with boiling water gation, a search for the guilty germ this method is cheaper (it uses up no fuel to boil the water, nor ice to cool it); it is quicker; it does not re cult changes in the blood; or for other move the oxygen from the water, as signs that could never be detected at boiling does, leaving it flat and tasteall by the ordinary senses. Finally the less: if anything it adds oxygen: epidemiologist can often detect persons finally it does not make the water a who, although well themselves, are infected and can produce the disease

The method on a small scale for

It is a part of the many duties of of water. Three cupfuls of water the Institute to teach all these sub- should be added and a teaspoonful of divisions; but only the very simplest this last will disinfect two gallons of them—the recognition of "frank" of water. In ten minutes typhoid bafull-blossomed cases, could he taught cilli or dysentery-producing organisms

An even simpler method for travelor other small quantity. All you have Very little of this epidemiological to do is to measure the water, throw

NEW THOUGHT. Is it necessary for the very mild

"non-virulent") may produce a fairly severe attack in a very susceptible

There are some exceptions, however: at all events, it would appear that comparatively weak germs, transferred rapidly from patient to patient may increase in virulence: this is the explanation-offered why epidemics are sometimes very mild when they begin but become more severe and fatal as they progress. Bacteriologists take advantage of this fact at times, and by transferring a weak germ from one animal to another increase its virutry began in the early forties, when a unable to resist the temptation of tractry began in the early forties, when a unable to resist the temptation of tracter's prophecy there is matter for ence very decidedly.

limmediate ancestors.

ture does not produce sufficient re-action to secure the manufacture by than any other form. the body of a strong antitoxin or antidote to the poison. Weak germs, like
some other weak things in this world,
do harm from their very weakness!
So do mild cases of infectious dissome of the same, disease running at large for weeks or months
beforehand.

H. W. HILL. eases. Because the attack is mild,

of a very mild germ is too uncertain people think the sufferers are harm-and time consuming; but a much less and let them run round freely more important reason is this: in with other children. A severe case preparing curative sera or vaccines, would be kept in bed or at least at non-virulent or slightly virulent cul- home. Hence in the long run it is the

"Mr. Cobden called upon me as his friend and addressed me, as you

might suppose, with words of condolence. After a time he looked up

and said, 'There are thousands of

homes in England at this moment where wives, mothers and children are dying of hunger. Now,' he said,

when the first paroxym of your

grief is passed, I would advise you

to come with me, and we will never

rest till the Corn Law is repealed. I accepted his invitation. I felt in

my conscience that there was work

which somebody must do, and from that time we never ceased to labor

hard on behalf of the resolution

The effect we know, not only from

nistory, but because the whole fabric

of our social and economic life, all

which we had made."

#### JOHN BRIGHT

[Manchester Guardian.].

"My life is in my speeches," John to condole with him on his loss induced Bright used to say when consulted him to dedicate himself to the prosecution of the great missionary enterprise. The story has been told once for all about his own biography, and perhaps that is the reason why, though there have been four or five monographs in Bright's own words: written about him more or less unofficial in character, there has, till Mr. Trevelyan's Life, \*published last month, been no authorized record of his career. Mr. Trevelyan has been fortunate in having much new material, mostly in the nature of personal reminiscences, to handle, and having also the active assistance of the family and relations of Mr. John Bright himself. In addition, has the advantage of the recollection which his father, George Trevelyan, who entered Parliament close on a quarter of a century before Bright's death, was able to give him of the statesman's later career. The result is a piece of work which will not have to be done again. It definitely takes its rank with Lord Morley's "Life of Cobden," and ogether they give a complete picture of the greatest and most successful of the greatest and most successful our wealth and prosperity, and the democratic movement of the nineteenth mere bulk of our population are foundentury.

Bright's political career was single of purpose, and his life simple and straightforward and absolutely of a piece with it. He had none of the vast dissipation of energy which makes the life, for instance, of Gladstone a record Malthus and Ricardo as the mouthnieses of orthodox economic science. ed on what these two men accomplishnot only of politics but of activities in literature, religion, and philosophy. Though he was all his days a quietly pious member of the Society of Friends, and though to the end of his friends, and though to use the quaint School of the society life he continued to use the quaint Stockport,' and having put a girdle phraseology of the Society with its round the commercial globe, came phraseology of the Society With his round the commercial globe, came thees' and "thous" in his letters, he back with gathered treasures of obwas hardly an active member of the community as it was understood in his while to Bright Free Trade was a youth. When he was first about to enter religious passion sustained by pity Parliament the conflict between the and wrath which he had the gift to warring ideals of politics and religion communicate in their purest form to was strong. "It was a conflict," says thousands of hearers at the time." Mr. Mr. Trevelyan, "between two religious Trevelyan treats the start of the subdisease instead of merely collecting it.

HW HILL.

Mr. Trevelyan, between the quietist ject with proper fulness, and his chapter of the older Friends who sought ter on the "condition of England question" displays in a peculiarly control of the older from the evil world, and on question" displays in a peculiarly control of the older from the evil world, and on the older from the evil world. the other the new type of Quakerism happy way his capacity, which those that thought it a religious duty to mix actively with the world and to for the assimilation of a mass of countries of peace.

The fact that you have enjoyed good health all your life to the age of seventy-two is a matter of congratuation; and if you mean that as a boiled and then cooled for them. This boiled and then cooled for them. This which may be derived from it. the year 1875, "have taken me out of but something of what he says about

Rochdale-from first to last his per- debater, meeting his opponent's every the source of all his private ties, and scribed the difference between them miserable world? I do not say that when he died in 1889 it was in a thus: "When I speak I strike across this is so, but I say that there is some simple cemetery at Rochdale that he from headland to headland. Mr. Glad-difficulty in accepting the lengthening was buried. The most precious years stone follows the coast-line, and when of life as necessarily synonymous with of his life for himself and for his coun- he comes to a navigable river he is the destruction of sorrow. one shoul dever wish to increase the virulence of a disease germ! One was in 1841, on the morrow of his reason is that the study of the conditions of the Cobdon colling and some at leisure, for in the most active part of his life he was in 1841, on the morrow of his reason is that the study of the conditions of the conditions of the past the brain keeps wisdom of the old" is always valuable wisdom of the old" is always valuable wisdom of the old" is always valuable wisdom of the old are conditions of the past the brain keeps wisdom of the old are conditions of the virulence of a disease germ! One was in 1841, on the morrow of his in the most active part of his life he was in 1841, on the morrow of his in the most active part of his life he wisdom of the old' is always valuable wisdom of the old' is always valuable and none of the executive duties which burdened his contemporaries or site. UPTON SINCLAIR'S NEW WIFE

Mrs. Upton Sinclair, who was Mary Craigh before she wedded the writer,

#### Pretty June Bride Will Join Cabinet Set



Miss Ethel McCormick of the "Baltimore Emersons," who is to be married to Francis M. McAdoo, son of the Secretary of the Treasury, on June 21st.

## Nietzschi In English

Attack on Christianity.

Sir Ray Lankester, expounding the gospel according to Metchnikoff, will nave nothing to do with the theory of Johnson, who feared nothing is life. the preacher that "he who increaseth stood in constant terror of death-not knowledge increaseth sorrow." "Greater knowledge," he says. "will, we can tion, but of the "great Perhaps" in clearly see, destroy sorrow and bring itself—we cannot but rejoice to feel mix actively with the world and to win it over to the principles of peace, humanity and justice." In the event the latter principle won, and the State latter principle won, and the State latter principle what the community never to follow the following the following the following the latter principle what the community never to follow the following t

> human life beyond its present natural limit, which make it the regular and easy thing for everyone to reach that age, and to be healthy and useful (since the experience and wisdom of the old is

Of course the latter is an essential point, for anyone knows that some disinfectants that will kill germs in water, infectants that will kill germs in water, with a gentle twister, creep in the married again, but in Gladstone and Bright on the platform death, with a gentle twister, creep in before the clock strikes a bundled. of any three of the following:

pox, German measles, scarlet
whooping cough, measles,
pox, German measles, scarlet
who tried to drink the water afterpox, German measles, scarlet
who tried to drink the water afterpox, German measles, scarlet
who tried to drink the water afterpox, German measles, scarlet
who tried to drink the water afterpox, German measles, scarlet
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who tried to drink the water afterpox, German measles, scarlet
who tried to drink the water afterpox, German measles, scarlet
who tried to drink the water afterpox (Plastical Claims pressed
the interval political claims pressed
the was fert of the following:

AN APT ILLUSTRATION.

There is at Princeton an instructor in
mathematics who was country bread, and So also a weak germ (relatively family and live in lodgings in London 'non-virulent') may produce a fairly while they remained at One Ash at debut while they remained at One Ash at On our centenarian posterity, we may homely saying of his. perhaps do well to consider whether, electrically produced is very expensive and not readily portable; copper is non-susceptible person. So also when this weak germ is transferred to an- dining once with Lord John Russell financial or legislative matter. Bright, "destroy sorrow and bring man to an this weak germ is transferred to another person, it remains weak like its
immediate ancestors.

dining once with Lord John Russell mandal or legislative matter. Bright, "destroy sorrow and bring man to an problem, when the instructor said:
other person, it remains weak like its
brought a storm of criticism of the weer-growing happiness?" Is Sir Ray
immediate ancestors.

Minister, and consequently there is save the rein to his passions, never Lankester's psychology as strong as by an old friend of mine down East. This Minister, and consequently there is save the rein to his passions, never little material in the way of social reminiscence for his biographer to draw upon. The centre of his political life became from the forties onward in their moral and poetic force, a speaker less instructive but even more moving the House of Commons. But Rochdale less instructive but even more moving than Gladstone. He has himself dermanded, as it had been in his youth. Scribed the difference between them

> On the very face of Sir Ray Lankeschance meeting with Cobden set him ing it to its source."
>
> ter's prophecy there is matter for the chiefly towards the future on which track of the Corn Law and laid No doubt circumstances favored reflection. The nonagenarian of the chiefly towards the future on which

ous habit of complaining that "the day was cold" when he came down to breakfast on the morning before decide to do so." Possibly; but these results, and the more positive triumphs a battle in Italy last century. At the

What finally differentiated Bright, of intestinal "gardening," ean select approval of the House of Com- eliminated in advance. No doubt tenmons, but as one who had begun as der youth and the heyday of the blood sc'odsness is one with another? in a local fight for liberty, had gone ject to illusions; but when once a on to be the hero of the masters and man has reached maturity, it is hard

the same be said. John Bright fighting the vicar over the church rate at
Rochdale, John Bright fighting for
lative to an imperfect state, and cease
lative to an imp free food for the cotton workers of Lancashire, and then finally for the our imperfections away. Wisdom, hap-what point might we now have piness fortitude, benevolence most of the intellectual and all of the dramatic interest of life, are products of the which the vitalists were even now evils and dangers with which we are entering upon. Medicine might have began—it is the very abstract of de-mocracy. Its permanent vitality as we shall achieve by the complete main basis. And if in some undisan example to Englishmen is made the suppression of these evils and dangers covered America psychical science had may be real, but is for the present unthinkable. That is no reason why we cursion into our world of a steamship

Lancashire, and then finally for the

right to work for the working classes all over the country, all the time pre-

serving the simplicities in which he

began-it is the very abstract of de-

more certain by Mr. Trevelyan's book

TRICK WITH PENCIL.

touching his fingers.

G. H. M.

should desist from the fight against evil, or let our ardor cool. There is Here is a little trick to try on your riends.

Ask one of them to close his eyes Ask one of them to close his eyes Ask one of them to close his eyes as the next again, that will wax scientists today.

There is a little trick to try on your still ample margin for effort; it will ample margin for effort; it will dignant skepticism which psychical phenomena rouse in some of our physical contents. and cross his fingers. When he has s errowful for excess of well-being done this take a pencil and touch the But do not let us ferget that, when ips of the crossed fingers with it. our lot is perfected, we may perhaps cal research! Then ask him how many pencils he find that very perfection a harder trial

Levy's Complete Translation- euthanasia. In whatever proportions we may find the good and evil of life meted out to us, the elimination of the fear of death can only be clear gain. Perhaps our nearer approach to this

Answer.—This question is something like asking if weeds will spread from stony ground any less than from good ground!

The severity or non-severity of a "The labors of my life," he wrote in the labors of my life," he wrote in the community never a short review to follow him in his realize "the ideal of human life," acstime."

It is impossible within the limits of a short review to follow him in his realize "the ideal of human life," acstime."

The completion by all me seem more than from good by natural death as by a sleep."

It is impossible within the limits of a short review to follow him in his realize "the ideal of human life," acstime."

The completion by all me seem more than from good by a pure malady of the follow him in his days.

War, and the great struggles over from the process of dying, has come from the process of dying, has come to seem more terrible than sleep. It was the morbid, unbalanced, youthful Our object and our expectation Hamlet, who speculated on the posshould be not to extend the term of sibility of evil dreams; the wise Pros-

One day an udergraduate had performed

Continued From Page Seventeen ..

but one of the executive duties which burdened his contemporaries or successors, and he was able to give larger portions of his energy than they to the mere perfection of eloquence. He had the artistic conscience, and the artistic temperament was not wanting. For two or three days before a speech, Mr. Trevelyan says, he would be uneasy and preoccupied. He had a curious habit of complaining that "the" the world of that day, as we are forced to conceive it, wisdom will be a drug in the market. Mankind, or even a particular nation, will have to be very wise indeed before with such scraps as come through unasked for. But in a crisis, as with a drowning man or one in battle, when the properties of the present together with such scraps as come through unasked for. But in a crisis, as with a drowning man or one in battle, when the properties of the present together with such scraps as come through unasked for. But in a crisis, as with a drowning man or one in battle, when the properties of the present together with such scraps as come through unasked for. But in a crisis, as with a drowning man or one in battle, when the properties of the present together with such scraps as come through unasked for. But in a crisis, as with a drowning man or one in battle, when the properties of the present together with such scraps as come through unasked for. But in a crisis, as with a drowning man or one in battle, when the properties of the present together with such scraps as come through unasked for. But in a crisis, as with a drowning man or one in battle, when the properties of the present together with such scraps as come through unasked for. But in a crisis, as with a drowning to the present together with such scraps as come through unasked for. But in the world of the advance of the present together with such scraps as come through unasked for. But in the world of the present together with such scraps as come through unasked for. But in the world of the present together with such scraps as come through unasked for. But in be crisis he had an integral vision of his whom men still think of as a man a achieved only in a community which pas: life down to the smallest detail. little apart from the run of politics and politicians, from his contemporaries and successors? Mr. Trevelyan seems to us to give the clue. The especies of Bright's pre-eminence was seen and that being so, will the accumuseems to us to give the clue. The essence of Bright's pre-eminence was that he enjoyed the trust of the people, not as a man victorious in Parliamentary arena and decending as it were tary arena and decending as it were tary arena and decending as it were accumulated experience any value expension against the terpenetration which is found in an accumulated expension against the terpenetration which is found in an accumulated expension against the terpenetration which is found in an accumulated expension against the terpenetration which is found in an accumulated expension against the terpenetration which is found in an accumulated expension against the terpenetration which is found in an accumulated expension against the terpenetration which is found in an accumulated expension against the terpenetration which is found in an accumulated expension against the terpenetration which is found in an accumulated expension against the terpenetration which is found in an accumulated expension against the terpenetration which is found in an accumulated expension accumulated expension against the terpenetration which is found in an accumulated expension accum form from the concentrated and dangers of unwisdom, which are here realities is true here also, and that mind closes the mind, and all conthe hero and leader of his own town will, even in that wise world, be sub- Bergsen was here on obscure and difon to be the hero of the masters and man has reached maturity, it is hard men of his industry, and at last of to see how further experience should his fellow-countrymen at large. Think he of any service cither to the head of the head of psychical research to men of his industry, and at last of to see how further experience should the tasis of it, and from a conception his fellow-countrymen at large. Think be of any service either to himself or of it, and from a conception of it, and then say of what modern his fellows. of it, and then say of what modern politician, what man, indeed, since Cromwell or Hampden, could quite difficulties that confront us well as a philosopher, and he ended

or an aeroplane might have raised the same kind of astonished and inhave been a society founded for physi-

On this amusing inversion M. Bergfeels, and nine times out of ten he than all the rest.

Will insist that there are two pencils touching his fingers.

Ind that very perfection a harder trial son ended, and a few grateful and spread touching his fingers.

On this amusing inversion and approach of the inherent value of the ideal of brought the meeting to a close.