nfanticio by Edwin Morris COPYRIGHT BY PEARSON FUB. CO. VERY ten seconds, somewhere in the world, a baby dies. A blinking red light made this statement to those who attended the convention of the American Association for the Study and Prevention of Infant Mortality at Baltimore, last November. In one corner of the room was an electric light, encased in a red bulb. Six times a minute-7,640 times a day-the light went out; and, every time the light faded from the bulb, somewhere in the world, the light faded from a mother's eyes. So fast do our children die. Sometimes they die faster. They died faster

last summer. If babies kept diaries, last summer would go down in the annals of the survivors as the "black summer of 1910." In the single city of New York, 873 died in a single week. Every little poor street had its little white hearse. Worse still, durin gthe course of the summer, 8,000 children died that ought to have lived; that is to say, they died from preventable causes.

Children die from two kinds of causes; those that are preventable and those that are not. This is news. Your grandmother and, possibly, your mother believed that every child that died could not have been saved. Everybody thought so. Preventable causes of deaths were not recognized. It was taken as a matter of course that women should bear twice as many children as were required to maintain the population, because half of them were bound to die.

We still let half of the children die, but we better. We know they need not die. We know they were born to live. We know that they do not have a chance to live. We have even exploded the old supposition that the children of the physically weak must of necessity be physically weak. We now know that the children of the physically weak are born almost as strong as the child of the strongest.

Every intelligent physician knows this statement to be true. However, let some eminent physician stand for it. Caleb W. Saleeby, one of the most eminent physicians in England, is such an an authority. Read what he says on the subject in "Parenthood and Race Cuiture":

"Most of the babies born in the clums are splendid little specimens of humanity-so far as physique is concerned-bearing no marks of degeneration to correspond with the deterioration of their parents. In a word, hereditory works so that each generation gets a fresh

In another part of the same book, Dr. Saleeby estimated that the number of children who are born so weak that they have little chance for life does not exceed ten per cent.; and he attributed the weakness of these to the effects of alcohol and certain impolite diseases upon one or both of their parents.

Having now some fundamental facts that meet with general acceptance among the enlightened. we may proceed to seek an answer to the question, "Why are children permitted to die from preventable causes and what are those preventable causes?"

We need not go far. Millions of children that are born strong enough to live under favorable circumstances are killed by their mothers. The rest that die from preventable causes are killed by the community-by you and by me, if we help to keep things as they are, and by everybody else who helps to keep things as they are.

We will first consider the mothers who kill their children. Every mother kills or tends to kill her children who does not take the trouble to inform herself concerning the proper methods of child rearing. It is not that such mothers are lazy. It is not that they are indifferent to their children's welfare. They are simply ignorant. Some of them are steeped in ignorance. Some of them are half-steeped. But they are all ignorant. They don't know that flies, by carrying the germs of diseases, kill more children than all the elephants, tigers, lions, automobiles and street cars in the world. Therefore, files are considered mere inconveniences. They are regarded as unornamental in the soup, but as not detrimental to the health. They swarm in the kitchen, the pantry and the dining room, painstakingly depositing their filth upon every particle of food that the family, including the children, eat. Some of this filth is not deadly; some of it is. But no such ignorant mother ever connects in her mind the going of her baby with the coming of the flies.

Nor does any such ignorant mother have any conception of the care with which she should feed, not only her baby, but her half-grown children. If she doesn't nurse her baby' she doesn't realize that any milk she is likely to find for sale is more likely to be poison than food. Nor, does she realize that such milk will be precisely as poisonous for her baby after it has been weaned. Such mothers usually buy their milk from the nearest grocery store. The number of pacteria in milk, when it exceeds 500,000 to the cubic centimeter, makes the milk untit for use. Yet, some analyses of New York store milk, the other day, showed bacteria as high as 38,000,000. What wonder that every summer is a "black summer" for the bables of New York's poor?

In many other ways, the ignorant mother kills her children with the food she gives them. Many a baby six months old is nibbling crackers, bananas and pickies, while putting in the rest of its time at an "all-day sucker" or a stick of candy. Mothers who want their children to live should know that the premature giving of any kind of solid food to a baby is exceedingly dangerous; that after a child is weaned it should be given solid food only in accordance with the instructions of an intelligent physician; that meat and fruit (except orange juice) are like so much poison, even if they do not produce death as quickly as strychnine would; and that all during childhood, the food should be simple, with cereals, milk and yegetables as a basis and a little meat not oftener than once a week.

But, as a child-killer, the community exceeds in destructiveness even the ignorant mother. By this is meant that the community maintains conditions that sometimes prevent even intelligent persons from taking proper care of their children. The community maintains conditions that create poverty and slums. The community even main-

tains conditions that foster ignorance. What chance has the poor mother anywhere in this country to inform herself with regard to the rearing of children? What chance has the poor mother in New York? She has no money with which to pay a physician for consultation. Ie she went to a physician paid by the city, she would hardly know what to do with her children while she was away. She might leave them at a day nursery, it is true; but did you ever think now day nurseries and how many more city physicians we should have to have if every mother who needs to know how to rear her children were to adopt this plan? We should have to have thousands and tens of thousands more of each. And, if the community were intelligent enough to demand such conveniences, it would be intelligent enough not to need most of them. Therefore, we who know enough not to need them are responsible for the slaughter of the children of those who won't. And, is not that a pleasant thought?

How can intelligence prevail against the neglect of communities to keep their water supplies pure? Almost every city claims to have pure water. Almost every city is a liar. So long as we have typhoid fever, we shall know that we have not pure water. The water supply of nearly every city is bad part of the year. One city drinks the sewage of another. The contamination could be prevented, of course, but it isn't. Detroit, for instance, will have another outbreak of typhoid fever next fall. Scores, if not hundreds will die, and, the following autumn, there will be another outbreak. Careful parents, of course, can give their children only boiled water to drink at home, but they cannot be sure what their children drink at school. They can only hope for the best and be thankful if they get it.

The most deadly disease that threatens children this summer is infantile paralysis. In June, reports came from the south that the disease had broken out in several widely separated places. Dr. Simon Flexner, director of the Rockefeller Institute for Medical Research, says it does not follow that the disease will again be epidemic in the east and the middle west, but he cautions physicians and parents to be on the look-out.

Infantile paralysis is caused by a living organism so small that it readily passes through a germ-filter of the finest porcelain. It is believed that this germ enters and finds lodgment in the nose, and that children whose noses are not clean are most likely to become infected.

From experiments made upon monkeys at Rockefeller Institute, it is known that the average period of incubation is a little less than ten days: that is to say, definite symptoms of the disease appear ten days after the germ enters the system, though illness has sometimes followed in The first symptoms of the disease appear to

vary somewhat with the individual. Also, no individual has all of the symptoms. Restlessness and irritability sometimes mark the approach. At other times there is apathy. Also there may be a low fever for a few days.

Dr. William Paimer Lucas of the Harvard Medical School, who is one of the leading investigators of the disease, offers this general advice: "Headache, general or frontal, is not infrequent-

ly met with in children old enough to locate the pain, and this is often accompanied with rigidity of the neck. If with any of these nervous manifestations, there should be trouble in the upper air passages, such as bronchitis or sore throat, suspicion should be aroused."

But even if the dwisease, early in its progress, be correctly diagnosed, the best physician cannot stop it. Like scarlet fever, measles and all other germ diseases, this ailment must run its course.

A physician can only put the patient in a condition to weather the storm as well as possible. But while little can be done after the disease has developed, careful parents can do much to prevent their children from taking the malady. The children's noses can be kept clean. Dr. Flexner regards this as most important. Also, certain disinfectants, if used as a mouth and nose wash during the summer danger period, are effective.

upon the authority of Dr. Flexner. Yet the germ that causes infatnile paralysis is more virulent than the germ of rables. Dr. Flexner discovered that the even be weakend by drying it for weeks over caustic potash, nor by keeping it frozen for weeks. But hydrogen peroxide and menthol kill it.

A one per cent. solution of hydrogen peroxide will

kill the germ of infantile paralysis. So will

plain menthol. Each of these statements is made

Dr. Flexner is now, and has been for some time conducting experiments to learn whether files carry the germs and spread the disease. He has already definitely learned that files do carry the germs, but he has not demonstrated that the germs, when carried, get into the system and produce the disease.

Infantile paralysis came to this country from Scandinavia. Prior to 1907 it had seldom occurred here. Since then it has been epidemic from the Atlantic to the Pacific. New York and Boston, where so many immigrants gather, have suffered most, Minnesota, to which so many Scandinavians remove, comes next. The disease flourishes during hot, dry summers. It is sort of a sister disease of cerebrospinal meningitis and, years ago, was probably often mistaken for that disease. A conspicuous point of difference is that the former malady comes in late winter or early spring, while infantile paralysis comes in summer. Infantile paralysis is most likely to attack children less than four years old, though adults are not immune. But one attack most likely makes the subject immune for life. Dr. Flexner's experiments upon monkeys indicate as much.

But, harking back to the causes of preventable deaths of children, this much more may be said: Mothers are too prone to buy medicine from doctors and not enough given to buying information from them. Mothers who do not know how to care for their children should not wait until a child is sick and then call the doctor to dose the child. They should call the doctor when the child is well, and pay him his regulation fee for sitting down half an hour and instructing them with regard to the care of the child. Most mothers need information more than their children need medicine. Doctors, when called, often give harmless medicine, when none is needed, simply because the public feels that it must have something for its money. The public is not wise enough to know that it can spend its money in no better way than to buy certain information that tends toward the maintenance of health. Diarrhea, for instance, which kills more babies, perhaps, than any other single cause, is solely a disturbance of the digestive tract due to wrong feeding. Milk containing thirty-seven million bacteria to the cubic centimeter-or even a million-will cause it. Cow's milk not properly modified is certain to upset the stomachs of infants. A half-hour with a good physician will enable a mother to get information that may prevent her child from sickening and dying.

In the meantime, the responsibility for the avoidable deaths of children must largely rest with the few who, knowing how to take care of their own, do not, for one reason or another, take effective measures to pass on this knowledge to others. A few men control every governmentnational, state and municipal. These men, if they wanted to, could compel government to dissemi nate the vast amount of information concerning the prevention of infant mortality. France moved when her birth-rate became so low that she had to move. When children become scarce, govern ments are sometimes as careful of their health a they are at other times of the health of hogs

## A Psalm of Deliverance

Sanday School Losson for Oct. 29, 1911 Specially Arranged for This Paper

LESSON TEXT-Psaim 85.
MEMORY VERSES-10-11.
GOLDEN TEXT-"The Lord hath done great things for us; whereof we are glad."

-Psa. 126:3. PLACE IN HISTORY—Just when this Psalm was written is unknown, but in its spirit it belongs to the return from the exile, the times of our last two lessons. Psalms 121, 122, 126, 130 are among the Pilgrim Psalms.

"Psalms of Deliverance" came as vivifying power into the hearts of the returned exiles, who in the midst of their joy were overwhelmed with difficulties, and hardships and discouragements. The reality was far different from the ideal pictures in their minds. They had seen Victory glorious in the distance, but were not plunged into the turmoil and smoke of battle. They were tempted to say to the prophets that Pliable in the Slough of Despond, angrily said to Christian who had urged him to go on the pilgrimage to the Celestial City: "Is this the happiness you have told me all this while of?" But songs of deliverance keep the celestial hope ever in view. They point out the way to the things hoped for, and show "the evidence of things not seen."

"Thou has been favorable unto thy land," shown by bringing back the captivity of Jacob. This was a most marvelous event and not even to be hoped for in the natural course of

"When the Lord turned again the captivity of Zion," caused the stream of captives that flowed to Babylon to turn back and flow to Zion; "like the streams in the south," in suddenness and overflowing fullness.

The loving kindness of God proves that he has forgiven their past transgressions. "Thou hast forgiven the iniquity of thy people." Canceled it, as an account of debt is canceled, or taken away as a heavy, crushing burden. Covered all their sin. Blotted out of sight, covered it with a mantle, so that they were in God's sight as those who had never sinned. We need forgiveness as wide as the sin. And we find in the Bible as many terms expressing forgiveness as we found for expresing sin-Forgive, Remit, Send away, Cover up, Blot out, Destroy, Wash away, Cleanse.

The returned exiles gained a new knowledge of God's Word, a new world experience, they lost the independent nation, but gained the inde-pendent church, from which blossomed the Messiah, the Saviour of the world. The old, eternal law of sin and death was irrevocable, never ceased; but the changed character permits a new law to override the consequences. In the words of Dr. John Thomas of Liverpool: "Every man who knows anything knows that one law can be neutralized by another. There is a law of gravitation which keeps this Bible here upon the desk. That law cannot be altered, it annot be stopped; it will draw, and draw, and draw, whatever you may say or do, but it can be neutralized by the law of my will. I can lift the book and make the law of gravitation to appear as though it were not. That is exactly what we say about the par- Nebraska Directory don of sin and the arrest of its conse quences."

God has done much for them, but they longed for more. So many evils remained, the nation was yet so imperfect, so far from what it might be. Illustration from Dr. Chapman's address to the Harvard students. "Remember, friends, that it is God's standard your life and mine must come up against. A friend of mine went to see an old washerwoman, and as he entered the house the sheets hanging on the line in front of the HEART DISEASES house impressed him as especially white, spotlessly white. He went into the house, and was there for some time. It had commenced to snow in the meantime. When he came out, he noticed that the snowflakes had been falling on the clothes, and that the sheets did not seem white at all, but yellow rather. He spoke to the old washerwoman. Why, what's the matter? They looked so very white when I came in, and now they don't look white at all.' The old woman said: 'What can stand against God Almighty's white."

There is a charming little booklet called "Expectation Corner," an allegory on prayer almost as good as "Pilgrim's Progress." A poor man in Redeemed Land mourned over his poverty, and was taken at last to see the Lord's treasure houses. There he found a room called the Missed Blessings Office, full of blessings marked for him which his weak faith would not expect, so that his door was closed when they were brought. He saw another storehouse, called the Delayed Blessings Office, full of good things for which the receivers were not prepared, or which were not fully ripened for their best use. They were growing and would be sent in fullness of time.

Truth shall spring out of the earth, from men on earth, as plants grow from the ground. They seek God "in sincerity and in truth," and such prayers receive the answer of righteousness from heaven, a right heart, a right life, inspiration to righteousnes and guidance in the right way. "They that sow in tears" of sincere repent

ance and toll, "shall reap in joy."

As Haggai told them that drought, and mildew, and meager crops were the punishment for their sins and irre-ligion, so now the blessings of proeperity are promised as the visible reward and sign of God's favor.

REBUILT BEING TOWN Has Not Taken Black Flood of Waters . From the Map. River Faile, Wie., .

More than a million dellars ly disappearing in the short be two hours was the toll collected by to. waters at Black River Falls, Wisconsin. Even the residents of the town could not realize what it meant until the lake formed by the Hatfield dam was dry, and the rush of waters had passed on to the Mississippi.

Just out of reach of the flood the business men and residents of the place watched the waters carry away the buildings that represented the homes of business enterprises which it had taken years of effort to build. Among the larger industries seemingly wiped out within a few minutes was the plant of Coles Carbolisaive. This plant, along with others that suffered a like fate, is today being rebuilt, and the business men of Black River Falls promise that a better town shall replace the one destroyed by the raging floods, and that just as rapidly as men and material can put it torether. It is catastrophies like the breaking of the Hatfield dam that demonstrate the American spirit.

Not In Vain. Noah sighted Mount Ararat. "At last," he cried, "the mountain esort with an ocean view!" Herewith he felt the voyage was not

The noblest work of God is man, but you can't make some married women believe it.

n vain.-Puck.

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