Scientific and Albeful.

PURIFY THE BLOOD.

To oure pimples and flesh-worm, you must purify your blood. This is not done by awallowing the miserable swill known gs patent medicines. It is done by living as patent medicines. It is done by living on plain nutritous food. breathing a pure air day and right, sleeping enough, exercising freely, and keeping your skin thoroughly open by frequent baths in soap and water. There is no other way to purify your system but this. These will cure you, and you will stay cured as long as you employ them.—Dr. Dio Lewis.

PRECAUTIONS AGAINST TRICHINA.

The Medical Society of Kalmazoo, gives the following advice: Eat no uncooked or half-cooked hog's flesh. The raw flesh of a hog, whatever its shape or condition, whether ham, bacon or pork, salt or fresh, smoked or unsmoked, is liable to contain this parasite, full of life and activity that many work a remedilesse mischief in the may work a remediless mischief in the human body. Bologna sausage, if pork be in it uncooked, is as dangerous as any form of this meat. The heat that cooks meat ntterly desiroys the life and mischievous power of these vermins, and no one need fear any harm if this fact is observed.

APPLES GOOD FOR DIGESTION.

The frequent use of apples, 'either before or after meals, has a most healthful effect upon the digestion. Better eat less meat and more fruit. An eminent French physician thinks that the decrease of dyspepsia and billous affections in Paris is owing to the increased consumption of apples, which fruit, he maintains, is an admirable profruit, he maintains, is an admirable pro-phylactic and tonic, as well as a very neurishing and easily digested article of food. The Parisians are said to devour one hundred millions of apples every winter— that is, they did before the war. Whether this estimate is true or not, the French are extravagantly fond of apples and other

GIVE THEM COLD WATER.

It is very doubtful if there is a single possible disease in which the patient should not have cold water ad libitum. Oh how babies often suffer for cold water! A thirsty, nothing but milk. The little lips are dry and cracked, and the little tongue so parched it can scarcely nurse, and yet it so parched it can scarcely nurse, and yet it has nothing but milk to assuage its craving thirst. Try it yourself, mother, when you have a fever, and we are sure that ever after, when your durling is dying with thirst, the tenspoon and tumbler of cold water will be in constant use. Dony it milk and give it plenty of cold water, and it has a chance of a steady recovery.

COMPARATIVE FEGUNDITY OF DUCKS AND HENS.

Some interesting experiments have re-cently been made upon the comparative focundity of ducks and hens, so as to determine from which of the two the larger number of eggs can be obtained in the same time. For this purpose three hens and three ducks were selected, all hatched in three ducks were selected, all hatched in February, and nourished with suitable food. In the following autumn the ducks laid 225 eggs, while the hens laid none. In tise next February the laying season began again with the ducks and continued uninterruptedly until August. They showed no inclination to set, but became very thin, although they afterward fattened up somewhat. The total number of eggs laid by the hens amounted to 257, or 86 eggs each; and 892; or 181 each, for the ducks. Although the eggs of the ducks were rather smaller than those of the hens, yet they proved to be decidedly superior in nutritive material, so that the supercirity in productiveness appears to be decidedly with the ducks.

TREATMENT FOR CONSUMPTION.

The late Dr. Marshall, of England, said: "If I were seriously ill of consumption, I would live out of doors day and night, except in rainy weather or mid-winter; then I would sleep in an unplastered log bouse. Physic has no nutriment; gasping for air cannot cure you; monkey capers in gymnasium cannot cure you. What consumptives want is air, not physic; pure air, not medicated air; plenty of meat and

TO AVOID GREASY BUTTER.

Churn with pressure instead of friction. The dash churn brings butter by pressure, and makes better butter than most other kinds of churns. Butter should also be worked by pressure instead of friction. The ladle or worker should not be drawn across the butter but pressure days. the butter, but pressed down upon it.—Rural New Yorker.

THE PERFORATING POWER OF ROOTS.

It is indeed wonderful how easily the roots of plants and trees bore through hard, impacted soils in search of nourishment. They use for this purpose a sort of awl, of immense power, situated at the end of the root, and capable, with the aid of the other root machinery, of thrusting aside heavy weights, and getting through almost any obstructions. Yet the awl consists only of a mass of miscroscope or coussis only of a mass of miscroscope or absorbent cells formed by prosoplasm or vegetable mucus—the fluid in which vital action is first set up. The roots of the elm and the maple will bore through the hardest soil of walks or streets, onter drains, twine about water pipes, and penetrate through the seams of stone structures. The roots of some plants have been known to pass through eighteen inches of solid brick-work, and made their appearance in a wine-cellar below. Plants have a yest power in overcoming obstacles when foracing for food. Their and like a hungry foraging for food. They are like a hungry animal which no fences can restrain when there is food beyond. The movements of roots in soils proceed on certain principles of utility in connection with the welfare of the plant. Some need much more moisting the plant. the plant. Some need much more most-ture than others, and the roots will drive through rocks to obtain it; others need si-licious food, and will penetrate through a clay bank to reach the desired foreging ground. The urgency with which nature drives plants and animals in pursuit of food is almost irresistible.—Journal of Chemitery. Yew Advertigements.

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Dated, 16th Sopt., 1874. Dated, 16th Sopt., 1874.

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CANADA PRESBYTERIAN CHURCH.

The half yearly meeting of the liome Mission Committee will be held in Knex College,

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At this meeting the revised list of all supplemented congregations and Mission Stations (self-supporting or otherwise), will be considered; also the grants asked for by Presbyteres for the year beginning October 1st, and the usual claims for the past six months. These should be in the hands of the Convener a week prior to the meeting.

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