

## Scientific and Useful.

## BILLY CAKE.

Two eggs, one cup of sugar, one-half cup of sour cream, one half teacupful of soda, one cup of flour. It can be baked in round cake and jam spread between; or if rolls are wanted, take two squares to 8s to bake in, and immediately after taking from the oven turn bottom side up on a night napkin; spread the jelly evenly and use the napkin to roll with. Leave the napkin around the cake until cold.

## CRAZY CAKES.

Put one cup of water and one cup of flour on the stove to boil; when boiling stir in two cups of flour, and when cool add five well-beaten eggs; then stir on your baking tin, one spoonful at a time, and rub each with the white of an egg. Bake in a hot oven. For the cream boil one pint of milk, and when boiling stir in two eggs, one cup of sugar, and half-cup of flour beaten together, with a little cold milk, and let it boil till sufficiently thick. Flavor with lemon.

## FOR CHICKEN CHOLERA.

Have a druggist prepare the following: Equal parts of the tincture of senna, red pepper, rhubarb, peppermint, and euphorb mixed. For a foul-use from three to eight drops, in a teaspoonful of water, opening its mouth and pouring it down. Then put the patient in a quiet place where it can get neither food nor drink. Repeat the dose in thirty minutes or an hour; sometimes a third dose is necessary. After twenty-four hours the foul may be allowed to eat little sooted bread, and should for several days be fed on easily digested food.

## CHILBLAINS.

Chilblains—milder forms of freezing, caused by sudden alternations of heat and cold to toes of fingers. There is more itching than pain. Children and old persons—those who are seroful or have feeble circulation—are most subject to them. Bathing the feet in tepid salt water every night. After every washing of the hands, wipe them, and then rub them into oil, meal or Indian meal, so as to effectually dry them. This cures of treating the feet and hands tends to keep off chilblains from those who are subject to them.

## TEMPERATE, REGULAR HABITS.

Convicts kept in our State prisons in the North and in the South of our country are generally powerfully free from the outbreaks of disease. Not a few, if I am rightly informed, are cured of dyspepsia and other chronic ailments, by the discipline and regimen to which they are subjected; and thus notwithstanding the moral and mental drawbacks that necessarily attend their situation, they are made to go to rest early, rise early, work at regular hours, and eat plain, but sufficient food. We hear of epidemics, such as cholera and dysentery, prevailing in the locality of a prison, but the convict is almost certain to escape. Now all these speak volumes in favor of temperance, simplicity, regularity, and regular employment.—*Science of Health.*

## CHICKEN LICE.

A writer on poultry says: "Hen lice are among the greatest drawbacks to the pleasure and profit of the poultry yard. They are especially troublesome in small yards and coops, where the fowls cannot have free access to green food and dry earth. We have tried various remedies, and have found kerosene oil to be a very efficient and safe one. It is applied with very little trouble. Pour it from the can upon the perch where the fowls roost, and when the hens are ready to brood saturate the inside of the box before the clean hay or straw is put in with the eggs. It is very much less trouble to apply the oil than to use a wash of tobacco or to go through a pieces of whitewashing once a month."

## POTATOES PROSCRIBED.

Several German writers upon races predict that nations, far from improving, will deteriorate both in physical and mental characteristics if potatoes become a principal article of diet. The celebrated Carl Vigot says that "the nourishing potato does not restore the wasted tissues, but makes our constitution physically and mentally weak." The Holland physiologist, Mulder, gives the same judgment which he declares that the excessive use of potatoes among the poorer classes, and coffee and tea by the higher ranks, is the cause of the indecision of nations. Leidenfrost maintains that the revolutions of the last three centuries have been caused by the changed nourishment; the lowest workers in former times ate more flesh than now, while the cheap potato forming his principal subsistence, but gives him no muscular or nervous strength.

## VALUE OF DUCKS.

It is not very often that one, in riding through the country, meets ducks, compared with the frequent appearance of several other kinds of fowl. The reason, probably, is that there is a general feeling that ducks require a great deal of water and space to the house. Well, this is good if you have it. Ducks are very clever at capturing all kinds of creeping things in the mud of the streams, and turning them to cash—which flies, we may say, parenthetically, and this is the usual course of development—but a little water will do nearly as well, and they will go grubbing about on dry land. Some breeders are very successful in raising ducks with only a tub of water set in the ground. The best varieties are the Rouen or Aylesbury. The Rouen attains the greater weight of two lbs., and besides, is content with very slender accommodations in the way of swimming privileges, taking to muddy pools by preference. Do not think of the common duck when you can get these, as they will reach a living weight of twelve pounds to the pair, at but little more cost than the common duck, which weighs only two-thirds as much; and the former are, besides, more quiet and resin much less. These ducks are full as profitable, and make a pleasant variety in the farm surroundings.—*Poultry World.*

## Miscellaneous.

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