

think he noticed my surprise, for indeed it was a surprise to me. Will not some live man give us some real peach blossom honey? But after all that can be said of Leamington, and indeed of all the very limited peach growing sections of Canada with the peach tree as it, is that luscious, health giving fruit must of necessity remain scarce and dear. We want a peach tree, the embryo blossoms of which will stand two or three more degrees of frost, then all the southern counties of Ontario can grow peaches. That such a tree can be bred I have no manner of doubt.

I had intended to refer to grape growing in Essex, but this is already too long.

Belmont, Ont., November, 1895

Remedies Against Mosquitoes and Flies.

DEAR SIR.—During six seasons of field-work on the Geological Survey of Canada, the writer has had a somewhat extensive experience with the mosquitoes, blackflies, sandflies, moose-flies, penflies, bull-dogs and other varieties of the Diptera, or two-winged insects, which are so numerous in some parts of our northern and north-western districts.

It may be interesting to your readers to know that there are some thirty known species of the Culicidae, or mosquitoes and gnats, in North America, that their larvae live in water, and that the adult females are very troublesome by their irritating bites.

However, by means of tents that were more or less mosquito-proof, and of one or two simple remedies, the present scribe and his companions in misery were enabled in a large measure to escape from the annoyance caused by the presence and persistent attentions of these small but powerful insects.

One of these remedies is Pyrethrum powder, which we have found an excellent thing to burn in the tent to stupefy and kill mosquitoes and black and sandflies. This powder is a vegetable product, and is known by all druggists as "Insect Powder," or as "Pyrethrum Powder," and sometimes as "Dalmatian" or "Persian Insect Powder." It may be bought by the ounce or pound, and has been extensively used for years in our towns and cities to scatter about for the benefit of house flies and other domestic insect pests.

However its value as a remedy against mosquitoes and other bush-flies is not so well known. and at this season of the year, when so many of our townspeople are preparing to quit the heated and dusty town for the cool and invigorating sea side or lake resort, or other sylvan retreat, the information may be more or less useful and acceptable. It has proved a perfect "God-send" to tired men in the field after a hard day's work, and the writer has seen it used in the houses and stores of the northern posts of the Hudson's Bay Company. When you retire to your tent, and burn about enough pyrethrum to cover a penny. Make the powder into a little pyramid or cone, on top of bark, stone, tin, or other article, and light the top with a match. It will smoulder away, and the fumes will quite stupify all the mosquitoes in the tent.

For sand flies this is the only effectual remedy known to the writer, who recalls the experience of one hot summer's night when he happened to be camped at a locality that was a favorite resort of these minute insect torments. The Indians call these flies "bite-em-no-see ems," which is a very appropriate designation, for they are so small that you are not generally aware of their presence until you feel the burning, fever-like heat caused by their sting. They will penetrate all kinds of clothing with the greatest of ease, and old voyagers say that nothing but wet blankets will exclude them. Be that as it may, on the night in question we tossed and turned, groaned and ejaculated, "blessed" (?) our little guests. But it was all of no avail, and as a last resort, I struck a light, produced the pyrethrum from my knapsack, ignited it, and awaited results. In a few minutes our tiny foes were vanquished, and with a sigh of relief we turned over and passed into the "Land of Nod."

The odor of the burning pyrethrum is not offensive, and when used in such small quantities it is harmless to the human occupants of tent or cottage. It is, of course, useless out in the open, but we have found "Hind's Black Fly Cream" (prepared by A. S. Hind, pharmacist, Portland, Maine) an excellent preparation for repelling flies, etc. It should be applied every few hours when the flies are bad, and washes off easily with cold water. Nets are sometimes useful, but we generally discarded them as uncomfortable and interfering with perfect vision.

The substance of this letter was contained in a contribution to "Insect Life," the official publication of the Division of Entomology of the U. S. Department of Agriculture, and is reproduced for the