

means of a small puffer or dust gun. The powder was dusted into the openings between the beam and the roof, as also into other cracks or openings nearby. The following morning the ants were not nearly so noticeable, so I went over the ground again on the evening of May 25. Since this last date, practically no ants were seen in our cottage in the places where previous to the use of the sodium fluoride they were very abundant. The result of our first test of the use of this chemical as a remedy for ants in dwellings was so satisfactory that every opportunity of further experimenting with it was taken advantage of.

On May 27, I visited another summer cottage in the outside kitchen of which the common shed-builder ant, *Cremastogaster lineolata*, was present in countless numbers, causing much anxiety from its habit of crawling over tables, shelves, etc. In this dwelling the ants also frequented the beams supporting the roof. The sodium fluoride was dusted into the cracks between the beams and the roof and also on to shelves, etc., where the ants were present in numbers. An examination was made of this kitchen during the following evening and practically all the ants had disappeared, only a few here and there being observed. Only one application was made. The owner of this dwelling recently informed me that no further annoyance was caused by the ants during the remainder of the season.

In other nearby cottages, too, the same results were obtained, and from owners of summer dwellings on the Rideau Lakes and other places in the vicinity of Ottawa, to whom recommendations were made to use the sodium fluoride, the reports received have been similar and in all cases satisfactory. In one instance in the city of Ottawa the carpenter ant, *Camponotus pennsylvanicus*, was present in annoying numbers in the kitchen of an apartment house. The insects entered through a door which opened on to a balcony. In this instance the sodium fluoride was simply dusted on the floor near the door. After its use on two occasions only no further ants entered the apartment. In this latter instance the powder was simply placed in a shell vial and dusted on to the floor through a cheese-cloth covering which had been tied over the opening.