

"Without question, judicious and intelligent feeding for the purpose of assisting invalid colonies, is advantageous, especially at a time when bees have access only to old, thick honey. To dilute such honey for the preparation of larval food, they will otherwise be forced to venture out in precarious and ruinous weather in search of a watering place. But whether we wish to feed for stimulation or merely to prevent some of the colonies starving, the fact remains that spring feeding is often unavoidable with all systems, and in the best managed apiaries."

* * *

We most cordially support Miss Robson's remarks upon the subject of advertising. Lecturing upon bees a little while ago, to an audience of townsfolk, we were able to gauge the extent of such people's knowledge, or rather, ignorance of bee matters. Spread information broadcast by means of leaflets, items in local newspapers and also by means of combined and individual exhibits at fairs. Here is work for our county associations—good work too, and a big step in the direction of co-operation.

* * *

We were conversing with an orchardist the other day and were much astonished to find that there still existed fruit growers who failed to recognize the value of the hive-bee to their industry as a pollenizing agent. Our friend seemed to bear a grudge against the bee, alleging that in past seasons much of his fruit, more especially grapes, had been damaged by that insect. We explained away this fiction to the best of our ability, and were better able, in consequence, to persuade him as to the bee's usefulness in his orchard. It would seem that whilst all due attention is being paid to the subject of the damage done by the various classes of injurious insects, the quiet and unobtrusive labors of beneficial insects—"lady birds" and parasiti-

hymenoptera, as well as the bee—are almost completely ignored. It has been stated by an authority that bees add to the resources of a country to a larger extent than the amount received by the bee-keeper from the sale of honey and wax. The importance of the honey-bee to the fruit grower cannot be exaggerated and when we are consulted on the subject, we have not the slightest hesitation in advising the introduction of several hives into an orchard. When blossoming occurs in unfavorable weather, and the flight of insects is much restricted, or following a hard winter when but few of the wild insects survive, the presence of some tens of thousands of such efficient cross-pollenizing agents as the honey bee proves of untold value in an orchard. We must, however, remind any fruit grower intending to keep bees, that like all other stock, they need attention and are subject to various ailments, and that neglect on his part may result in disastrous consequences to his neighbors' bees.

* * *

Armed with the spraying rod and a two hundred pound pressure of lime sulphur we have been waging deadly war with the countless denizens of our orchard. Our operations must have meant annihilation to myraids of tiny creatures, each of whom, in obedience to blind destiny, had been building up in their own manner, and after their own kind, for the benefit of their descendants. We bee-keepers do not all regard the members of the insect creation as mere "bugs." Rather, we are pleased to acknowledge them as our humble relations, and are forced to admire the strenuous lives they lead in marked contrast to our own. We likewise often bewail the untimely fate that overtakes them. But not always, for our hearts become hardened towards them at times. Noticing to-day how the bees were apparently deeply interested in the newly opened apple buds, we more closely examined the trees. Upon one

of the first buds we perceived a number of plump, greenish, wiggling worms. A few days after we had an ample dose of lime sulphur in a pocket glass we plainly saw glistening drops of honey on the downy surface of the buds. We intend to look to the source of the aphids and are disseminating emulsions.

* *

Ontario bee-keepers recognize that their industry is more efficiently organized, present, through local associations in affiliation with the Association at Toronto. It is apt to let other people look to Parliament for assistance of any sort is bee-keepers could get oftener, they would find helping each other—and same time.

* *

Our thanks are due the Hon. Secretary of the (land) Bee-keepers' Association for his kind remarks regarding the Bee Journal, which he sought after at the meeting. He fears that some wish to come to Canada similar to those described in the Journal. "Let 'em all friends across the water no Isle of Wight disease Wakerell, and foul brood to the same extent than Old Country."

* *

Mr. Wakerell was also send us copies of the regulations, together with the schedule of prizes for the annual show of the association is entirely indicative