

considerable friction between the fruit growers and bee-keepers of Central California; the bees there are charged with being largely responsible for distributing the germs of the blight, carrying it from infected trees and orchards. Professor Waite's paper shows that bees are certainly very active agents in this, that the infection is brought through the nectar, and that infected nectar has been found in the mouth parts of bees caught on infected blossoms. He said, however that from a biological standpoint the bees are doing their normal natural work in the fertilization of blossoms through the dissemination of pollen; and to the question whether their beneficial effect counterbalances their injuries, would say that "the fruitgrower cannot dispense with the honey bee." "Spraying of Fruit Trees", was treated upon by Prof. S. A. Beach, Geneva, N. Y., he spoke of the interests of the fruit grower and the bee-keeper as being identical and stated that "bees are natural nurses, nurses to baby fruit" and that spraying fruit trees when in bloom hinders or prevents pollen dissemination. The address by Mr. W. Collingwood, Editor of the *New Yorker*, on the "Pomology and the Bee-Keeper," was the highest number of the session and drew forth rounds of applause. We are indebted to Mr. Collingwood for a copy and have much pleasure in putting it in full in this issue.

#### Prepare for Winter.

Arthur C. Miller, writing in the *American Bee-Keeper* on "Preparing

bees for winter" says that "given abundant stores and time to fix things to their liking a good colony will winter under all manner of conditions." Perhaps this is putting it a trifle strong, but certainly the abundance of stores—good stores—go a long way in the solution of the wintering problem. An abundance of honey dew or fermented fruit juice will not do, as many of our Canadian bee-keepers found to their loss last winter and spring. A thousand times better to take out the stuff, give them empty combs and feed up with sugar syrup. Honey dew may serve as food when the bees have a chance to fly, but it certainly won't do in confinement.

#### Keep More Bees.

Editor W. Z. Hutchinson, reviewing his visit among the bee-keepers of southern Ontario. says:

"For years bee-keepers have been asking how to do things, and the matter of manipulation, hiving, supering, extracting, etc., has been brought to a high degree of perfection. Specialists can better afford to turn their efforts in some other direction than that of petty details. Great success must be looked for in some radical change. As I bring before my mind man after man whom I have met on this Canadian trip, I ask myself "which ones have been the most successful?" Invariably the answer is forced upon me, "the ones that have the most bees." It is a simple thing, isn't it? But isn't it just what we ought to expect? I fear some of