

subject to injury. They also state that it is not a serious pest in Holland. In New Jersey, it is customary for owners of bay trees to keep them out of doors during the summer, and cool, storage sheds where the temperature is around 38 and 40 degrees F. during the winter. It is during the summer months, of course, when the trees are either outside or under glass that most of the damage takes place. Sometimes nearly every leaf on a tree is curled and discoloured, but as a rule it is the young, developing leaves which are infested. Trees thus disfigured are not salable, and when one considers that bay trees sell at from \$10.00 to \$100.00 and more for single specimens it is readily seen that a considerable money loss can be laid at the door of this psyllid.

Coming to remedies, picking off and destroying the infested leaves is one method, practical only if the infestation is slight or the number of infested trees small. Eight ounces of Black Leaf 40 plus eight pounds of whale-oil soap to one hundred gallons of water has been used in New Jersey with a fair degree of success as a summer spray. It is impossible, however, to reach the nymphs protected by the tightly curled edges of the leaves. According to Dafert and Kornauth in the Report on the Work Done at the Imperial and Royal Chemical Research Station in Vienna, 1913, pp. 80-95, a review of which appears in the Review of Applied Entomology, Series A, vol. II, 1914, p. 482, cyanide fumigation was tried against *Trioza alacris* Flor., on laurel with complete success. The reviewers state that the American 1-1-3 formula was used, but nothing is said about the cubic contents, temperature, length of exposure, etc.

At one place in New Jersey, where the infestation was severe during the summer and not completely controlled by the nicotine and soap spray, many last stage nymphs and adults were found on the trees November 15, after they had been placed in a storage shed, and it seems quite probable that fumigation with hydrocyanic acid gas at this time might be effective, inasmuch as both forms were fairly active. The adults evidently hibernate on the bay trees and become active as the temperature increases. Another dealer in bay trees in New Jersey allows his trees to remain out of doors until late in the season, taking them in only shortly