

blossoms of peach, pear, apple and cherry are attacked and the settings of fruit totally destroyed. Those trees in the orchard immediately adjoining rough land suffer most, it would appear, for in such uncultivated places the nests of the species may be found. It is particularly interesting to note that no aphids exist on the trees at the time the fruit is in bloom, consequently the nectar remains the sole attraction. Later in the summer the ants attend the aphids of the Cottonwood poplars. Certain *Tischeria* Leaf-miners of the apple are noticeably worse in orchards near the timber line, and certain Bud Weevils are adopting fruit trees as hosts following the destruction of their own food plants. Slugs, while not insects, are animals very commonly found in the moist alluvial soil of the Lower Fraser Valley, and may frequently be observed under decaying leaves and vegetation in the "bush." Injury has been observed to young corn (maize) plantations in the spring by these animals and their presence is indicated by the peculiar slimy remains about the plants and the "shredding" of the young tender leaf shoots.

Most of these insects mentioned, it will be seen, are especially related to the forest or virgin lands of the Province, and this relation constitutes a remarkably interesting phase of the study of economic entomology in the West. The majority of the more important orchards pests of British Columbia are identical with those in other Provinces of the Dominion, and their life histories are very similar only in some cases slight variations occur owing to differences in climatic conditions. But as these variations take place within the Province itself, specific insects will, it is hoped, be dealt with on subsequent occasions.

## LIFE HISTORIES OF NORTH AMERICAN TINEINA.

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### **Choreutis inflatella** Clemens.

*Brenthia inflatella* Clem., Proc. Ent. Soc. Phil., II, 5, 1863;  
Tin. No. Am., 209, 1872.

Var. *virginiella* Clem., Proc. Ent. Soc. Phil., III, 505, 1864;  
Tin. No. Am., 257, 1872.

*Choreutis inflatella*, var. *virginiella*, Dyar, List N. A. Lep.,  
April, 1915