

same as our Eastern *Leachellus* has been collected by Mr. Edwards at Vancouver and also at Mendocino.

*Crambus attenuatus* Grote.

This species has been collected about San Francisco. The Californian specimens are a little brighter tinted and slightly exceed in size the material I had before me from Vancouver.

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## ON A NEW SPECIES OF APHIS AFFECTING THE PINE.

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Among our native forest trees, none, unless it is the oak, suffer more from the depredations of insect enemies than the pine. Distributed as it is—from the Arctic to the Tropics—climatologically speaking, it becomes a prey to every conceivable form of insect life.

Already its enemies may be reckoned by hundreds; but notwithstanding this, hardly a year goes by without some careful investigator adding others to the list. It is not the intention of the writer to enter into full details or enumerate all of its foes, but to call the attention of entomologists to a new *Aphis* affecting a pine in Florida, that has evidently been overlooked by others.

For the past two years we have detected numerous large brown plant-lice upon the common pine of this region, *Pinus australis*, which for want of time we have left unmolested. They cluster together upon the new and tender branches, which they puncture with their remarkably long beaks, causing the sap to exude and the branch upon which they exist to become gummy and sticky. In their habits they are surprisingly shy and timid. On disturbing them they invariably seek safety by hiding between the needles of the pine; indeed, even on hearing approaching footsteps, we have observed them cling closer to the limb, while a few skelter off where the needles are denser.

In looking up literature on the subject, we find several species of Aphides described and mentioned as existing upon pines, but none on *Pinus australis*, nor will any of the descriptions agree with the species under consideration. It belongs to the section *Lachnini* as defined by