

THE COCCIDÆ OF BRITISH NORTH AMERICA.

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(Continued from page 200.)

Since writing my first paper on the *Coccidæ* of British North America, a very large amount of new and interesting scale insects have been sent to me for study by Dr. Fletcher and Mr. John Dearness. In nearly every instance the twigs sent showed beyond question that the insects occurred upon the food-plants infested in injurious numbers; especially so of those found on blackberry, hazel-nut, spiræa, viburnum and oak. The following are new to the Canadian list:

Pulvinaria tilie, King and Ckll., 1898. (Native.) Mr. John Dearness sent these from Thedford, Ont., on *Cephalanthus occidentalis*. It was first recorded from Mass., found on *Tilia Americana*, *Quercus* and *Ulmus*, and described as a sub-sp. of *P. innumerabilis*, but further study proves it to be quite different from that species, and it should stand as *P. tilie*.

Eulecanium capree, L., 1758. (Introduced.) Found on a peach tree growing in a conservatory at Dartmouth, Nova Scotia, June 20, 1901, by Dr. A. H. Mackay, of Halifax, N. S. Dr. L. Reh, of Hamburg, Germany, has sent me this species infesting the following food-plants: *Pyrus malus*, *P. communis*, *Alnus* sp., *Cratægus coccinea*, *Prunus domestica*, *Tilia* sp., and *Aesculus hippocastaneum*. The species was originally described as *Coccus capree*, and has been recorded as *Coccus cypræola*, Dalm.; *Coccus gibber*, Dalm., and *Lecanium salicis*, Bouché. Linnè described his from *Salix* sp.; it has since been found on *Salix alba* and rose in England.

Eulecanium corylifex*, Fitch, 1856. (Native.) Sent by Dr. Fletcher, infesting in a serious manner *Corylus rostrata* and *Viburnum pubescens*, growing intermingled at Aylmer, Prov. Quebec, 1901. Originally described from N. Y.

Eulecanium quercifex, Fitch, 1856. (Native.) Found on oak at Knowlton, Prov. Quebec, by Miss A. Wood. The species is a common one in the U. S., and was described from N. Y.

Eulecanium vini, Bouché, 1851. (Perhaps introduced.) Last spring I received a scale from Dr. Reh, of Hamburg, Germany, infesting *Vitis vinifera*, *Pyrus communis*, *P. malus*, *Prunus armenica*, *P.*

*The species of *Eulecanium* have hitherto been placed in *Lecanium*; it is here proposed to regard the genus as a valid one.