

came from a nursery in Pennsylvania. Judging from the appearance of the infested twigs sent, they must be quite destructive. It has also been destructive to oaks at Niagara Falls, Ontario. The species is common at Washington, D. C., and is found at New York, Conn., and Mass., also on oak. I have some from Germany, on oak, sent Prof. Cockerell. *Mytilaspis ulmi*, L., are on the same twigs.

LECANIINÆ.

Lecanium, Illig.

Lecanium hesperidum, L., 1758. (Introduced.) This occurs as a greenhouse species in Canada, in all the Provinces where greenhouse plants are grown. It is a very common pest in Europe and the U. S.

Lecanium pyri, Schr., 1781. (Introduced.) Found on apple on Prince Edward Island in 1894. It is not as yet a very common species. I have found it once in Mass. on pignut hickory.

Bib.—CAN. ENT., xxvi. (1894), 35.

Lecanium antennatum, Sign. var. (Native.) Recorded from Jubilee Point, Rice Lake, Ontario, on red oak, *Quercus rubra*.

Bib.—CAN. ENT., xxvii. (1895), 36.

Lecanium juglandis, Bouché. (Perhaps introduced.) This was received from Prof. Cockerell last year, marked on the label "on plum at Queenston, Ontario." There is a scale infesting the plum trees in New York, called *L. cerasifex*, Fitch. The one from Queenston is not that species.

Lecanium quercitronis, Fitch, 1856. (Native.) Found on *Quercus coccinea* at Ottawa, Canada. This is a common species throughout North America.

Bib.—CAN. ENT., xxv. (1893), 221.

Lecanium Fitchi, Sign., 1873. (Native.) Recorded from St. David's, Ontario, on Lawton blackberry. This seems to be a species not well defined, and will need further study when found on blackberry again.

Bib.—Insect Life, vii. (1894), 30.

Lecanium Fletcheri, Ckll., 1893. (Native.) Originally described from specimens found by Dr. Fletcher at Ottawa, abundant on a hedge of *Thuja occidentalis* and on trees of the same species at Stittsville, Ont., 15 miles from Ottawa. It was next found at New York by Mr. Pettit, and next by the present writer in 1898 on *Arbor vite*, at Lawrence, Mass. Last year, in February, I received some scales on *Thuja occidentalis* from Vienna, marked n. sp., which proved to be *L. Fletcheri*. It