

of Beaver Meadow.

MACRACANTHA Lodd. Glebe; Ottawa South; S. of Dow's Swamp.

PRAECOX Sarg. S. of Dow's Swamp.

MACROSPERMA Ashe. x ROTUNDIFOLIA Moench. Billing's Bridge.

MACRACANTHA Lodd. x MACROSPERMA Ashe. S. of Dow's Swamp.

MACRACANTHA Lodd. x CRUS-GALLI L. S. of Dow's Swamp.

MACRACANTHA Lodd. x PUNCTATA Jacq. Ottawa South; E. of Dow's Swamp.

MACRACANTHA Lodd. x. W. of Dow's Swamp; Hog's Back; Billings' Bridge; W. of Beaver Meadow.

NOTE.

PLANTS INJURED BY CREOSOTE.—For some time past considerable speculation has been indulged in regarding the curious and somewhat mysterious malady which has affected many varieties of plants in this city, the leaves turning black and falling before maturity. Roses, delphiniums, laurels, maples, ferns and some other plants, were the principal sufferers. The gardens in the vicinity, to the northward and eastward of the city creosoting plant, were amongst the first to suffer, last season being bad and the present season worse. Then last season the leaves of the eastern maples in front of the Union Club and the Presbyterian Church turned black and fell, and on examination I thought the infection to be of a fungous nature; this season they are only slightly affected, the streets in the vicinity having been paved last year with creosoted blocks.

A few days ago I was asked to look at the plants on the southern boundary of the Empress Hotel grounds. These I found to be in a very bad state and the suspicions I had entertained as to the cause seemed to be amply confirmed, viz., the exhalations from the creosoted blocks in Belleville Street. The plants on the northern boundary next to Humboldt Street, which street was also paved with creosote blocks, are not affected whilst those on the other or northern side, being the southern side of the Macdonald property, are badly affected. Our prevailing winds during the summer are from the south and southwest, and this fact seems to indicate that the creosote exhalations are directly responsible for all the injury. How plants can be protected adjoining newly paved streets I cannot say, but it is certain that much injury to gardens seems likely to result in the future from the cause mentioned.

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J. R. ANDERSON.