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SAN JOSÉ AND OTHER SCALE INSECTS.

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The Scales discussed in this Pamphlet are :

1. The San José Scale.
2. The Ostreæform or Curtis Scale.
3. The Cherry or Forbes Scale.
4. The Putnam Scale.
5. The English Walnut Scale.
6. The Oyster-shell Bark-Louse.
7. The Scurfy Bark-Louse.
8. The New York Plum Scale.

INTRODUCTION.

The purpose of this pamphlet is to place before the fruit-growers, and all interested in the preservation of their orchards, the main facts regarding the life-history, habits, and appearance of the San José Scale, and of those Scales which are often mistaken for it. It is hoped that the descriptions and drawings of the various scales may enable the orchardist and inspector to identify any form which may be living on trees and shrubs, so that its presence may be reported to the authorities at Toronto, Guelph, or Ottawa. It is quite possible that the Scales are more widely spread through the Province than is generally believed, and only by the co-operation of the intelligent, observant fruit-growers is it possible for the Department of Agriculture to prevent their further spread, without a great expenditure of money for inspection. To many people, the presence of Scale insects in such alarming numbers within recent years is quite unaccountable, and the entomologists of Canada and the United States have been blamed by some for introducing the pests. It is true that very few scale insects were found in our orchards a generation ago, but it must be remembered that conditions as regards scale insects have altered very much during the last few years. The wonderful development of commerce, through the introduction of steam ships and railways, has brought us into close touch with many distant countries, whose