

inch long, of an oblong oval form, black, with a wide band across the wings at their base, of a dull, pale buff colour, dotted with black. Its legs are short, and it is rather timid and slow in its movements, feigning death for a time when disturbed.

Collections of insects and birds need to have a constant watch kept on them to keep out these intruders. Camphor, which seems to be offensive to these beetles, is frequently used to deter them from entering; but where they have entered and begun their devastating work, they cannot be dispossessed by such mild measures; in such instances purified benzine applied freely to the saturation of the bodies of the insects occupied will destroy the *dermestes* larvæ without injuring the collector's specimens.

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## NOTES ON APHIDES.

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The following notes were suggested by "Observations," &c., on Aphides in THE CANADIAN ENTOMOLOGIST for July, 1873. The species noticed on *Rumex crispus* seems to have very much resemblance to *A. rumicis* in Europe; some other species of N. America do not differ from those of Europe, but have been probably introduced by means of shipping. With regard to European Aphides it is well known that the winged female of many species appears in the spring, that the wingless female is more fertile than the winged one, that the winged state is, partly at least, by means of the diminution of quantity or alteration of quality in the food, and that the winged state enables the species to have a change of habitation and thus to continue its race till the autumn. It is also well known that the male and the oviparous female do not appear till the autumn, and W. Curtis in the last century remarked that this appearance was owing to the change in the atmosphere and to the consequent difference in the food. The male is, in a few instances, wingless, but is very generally winged, and the oviparous female wingless, but in some few species the oviparous female is always winged.