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OBSERVATIONS UPON *SPILOSOMA CONGRUA*, WALKER.

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On the 29th of June, 1897, I found, in the Gomin Swamp, two *Spilosomas*, females, lying side by side. One of them was much spotted, and presented the exact appearance of the insect which is figured, with closed wings, in the original edition of Dru Drury's work, and named by him *Bombyx cunea*. The other was white, but on the median nerve, at the angle of the second fork, there was a small black dot, hardly perceptible. The thorax was clothed with light down; the abdomen was white and spotless. The eyes were black, as were also the under sides of the antennæ and feet. The front of the thorax under the head was luteous.

This second moth laid eggs on the 10th of July, and the eggs produced larvæ which, in due time, pupated. The moths appeared in the following spring.

I took the mother moth to the meeting of the Entomological Society of Ontario, at London, and readily identified it with specimens marked "*Spilosoma congrua*, Walker," in the Society's collections.

Of the imagoes raised from this insect some were allowed to escape, some I gave away, and a few were crippled; but I have twenty-eight of them before me at this moment, and they present a most interesting subject for study. I will group them:—

I. AS REGARDS THE WINGS:

- (a) Two males, all but immaculate, having the faintest indication of a dot at the second fork of the median nerve.
- (b) One male having a decided black spot at the point above mentioned.
- (c) Five males and seven females having the spot and indications of an irregular transverse row of dots near the hind margin.
- (d) Seven females with the spot and a well-defined row of black dots near the hind margin.
- (e) One male and two females with the spot, and a terminal row and sub-terminal row of dots.