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MICRO-LEPIDOPTERA.

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LITHOCOLLETIS.

27. *Lithocolletis? Ornatella*. N. sp.

This is the insect previously mentioned in these papers as *Leucanthiza Ornatella*. At first I was inclined to place it in *Lithocolletis*, but a consideration of some of its peculiarities induced me to place it provisionally in Dr. Clemens' genus, *Leucanthiza*. On examination of the neuration of the wings, however, and of some other points in its structure and habits, it seems to me to belong more properly to *Lithocolletis*, though it differs from it in some respects and approaches *Leucanthiza*, and more remotely, *Phyllocnistis* and *Lyonetia*. The tuft is small, resembling that of *Leucanthiza* more than *Lithocolletis*. The palpi, ascending in the living insect as in both of those genera, are, after death, usually, not simply drooping as in *Lithocolletis*, but laid side by side upon the coxæ as in *Lyonetia*. Sometimes, however, they are simply drooping. (Where the "Micro" is killed by the fumes of chloroform—as I usually kill them—the positions of the palpi, tongue and wings are variable, and do not afford good generic characters.) The larva, perhaps, resembles that of *Leucanthiza* most nearly, having the head too much rounded and the sides of the segments more distinctly mammillated than the flat larva of *Lithocolletis*. It also usually leaves the mine and pupates in a yellowish silken *nidus*, in which it resembles *Leucanthiza* and *Lyonetia* more than it does *Lithocolletis*. The wings, however, have fewer veins than those of either *Leucanthiza* or *Lyonetia*, and approach very nearly in their neuration to some species of *Lithocolletis*, though also differing slightly from it. *Lyonetia* has a smooth head, longer palpi, and the basal joint of the antennæ expanded so as to form an eye-cap, and there are *four marginal nervules emitted from the sub-coxal vein*. The mine is a long narrow winding track like that of *Phyllocnistis*, and in all of these respects it differs from this