

MICRO-LEPIDOPTERA.

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LITHOCOLLETIS.

The following species, which have been described by Drs. Clemens, Packard and Fitch, I have not met with. But for the convenience of those who may not have access to the writings of these gentlemen, I condense the following account:—

1. *L. Argentifimbriella* Clem. has been already mentioned at p. 57. It mines the under surface of leaves of the Chestnut Oak, and must resemble *L. caryac-albella* or *L. lucidicostella*. At p. 57, *ante*, it is suggested that *L. querci-albella* Fitch may be the same insect. Dr. Fitch states that it mines the leaves of the White Oak; and other species of the genus mine both the leaves of the White and Chestnut Oaks indifferently. But Dr. Clemens says that *Argentifimbriella* makes a tent mine on the under side, has a cylindrical larva, and pupates suspended in a thin web in the mine like *L. lucidicostella*. Dr. Fitch describes the larva of his *querci-albella* as being flat, mining the underside (which no known flat *Lithocolletis* larva does except *L. ornatella*, which makes a flat mine), and as making a tent mine (as I understand Dr. Fitch's description), which no known flat larva of the genus does. He also states that it pupates in an oval cocoon (like that of *L. basistrigella*, as I understand his description), and no known flat larva makes such a cocoon.

L. basistrigella Clem. makes just such a mine and cocoon as Dr. Fitch describes, and in the same kind of leaves, but the larva is cylindrical, and the imago is not at all like Dr. Fitch's description of his *querci-albella*. Again no known flat larva produces an imago at all akin to the group to which *querci-albella* belongs, according to Dr. Fitch's description. All flat larvae known—at least in this country—produce imagines of some shade of yellow (*Sec. B.*, *ante*), except *Hamadryadella*, which is of a very distinct group from *Lucidicostella*, &c., to which *querci-albella* would belong, as described by Dr. Fitch. He also says that it resembles the European *L. clerckella*, but *L. clerckella* is not now recognised as a *Lithocolletis* at all, but is known as *Cuniostoma scitella*. It seems to me, therefore, that we must await the rediscovery of the species before we can assign it a place among the American species of *Lithocolletis*.