

inner margin. T. p. line geminate, very even, well out-curved over the cell, but only a little indrawn below; inner portion blackish, narrow, interrupted; the outer punctiform and sometimes obsolete. S. t. line paler, broken, very vague, with a w reaching the outer margin, preceded by a series of blackish spots or shadings, which may be in part or altogether obsolete. A series of smoky terminal lunules. Ordinary spots concolorous. Claviform well defined by a narrow black line, extending across the median space to the t. p. line, or connected with it by a black shade. Orbicular moderate or large, varying somewhat in form, with a smoky, often incomplete, outline. Reniform large, upright, well defined at the sides only. Secondaries evenly mouse gray, the fringes paler. Beneath smoky, powdery, with a common outer line and discal spots on all wings.

Expands 1.40-1.60 inches = 35-40 mm.

*Habitat*: Volga, South Dakota (Truman).

This is the species which I called *idonea*, Grt., in my revision of the species of *Xylophasia*, Proc. U. S. N. M., XIII., 438, 1890, and credited from Mr. Grote's original description to Texas, Arizona, and Wisconsin. The species resembles *cariosa* in general type of maculation, but is entirely even in ground colour, and, as I pointed out, unquestionably good. I found when studying the genus originally that there were three allied forms generally mixed under *cariosa*. I separated the most intensely marked species, resembling *verbascoides* as much as it did *cariosa*, under the name *nigrior*; from specimens named by Mr. Grote I identified the form here described as *idonea*. Later I had an opportunity of comparing the Guenée and Grote types directly in the British Museum, and found, to my surprise, that both names were applied to one species. Comparing the two original descriptions, it will be seen that Guenée had a specimen distinctly shaded with reddish, while Mr. Grote had one in which this was replaced by a dirty luteous gray.

The present name is based on four males in rather bad shape, received from Mr. P. C. Truman; but I have seen others sufficient to indicate that there is very little variation.

*Hadena (Luperina) virguncula*, n. sp.

Ground colour dull reddish gray. Thoracic vestiture interspersed with gray hairs, giving it a hoary appearance; no markings. Primaries without contrasts, median space a little darker above the middle, terminal space evenly dusky, s. t. space dusky on the costa. Basal line