

NEW SPECIES AND GENERA OF NORTH AMERICAN
LEPIDOPTERA.

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*Family Noctuidæ.**Heliothis ætheria*, sp. nov.

Head and thorax clothed with olivaceous hairs; primaries dark olive green, in most cases entirely suffused with rich purplish as far as the subterminal line; a blue spot on costa near base, often extending along costa to t. a. line; this latter pale blue, rather broad, strongly and evenly convex; t. p. line narrower, slightly defined by blue, especially on costal and inner margins, perpendicular to costa and well beyond reniform to a point opposite base of same, then strongly incurved to below reniform and again straight to inner margin; median area largely filled with pale yellowish, leaving a narrow costal border and a larger patch on inner margin of the ground colour, and containing a large dark quadrate reniform more or less scaled with purplish, the upper portion of which tends to suffuse with costal border; s. t. line marked by the difference in shade between the purplish subterminal area and the narrow olive terminal portion, slightly waved, on the whole parallel to outer margin; fringes concolorous. Secondaries black, with an irregular pale yellow median band not reaching inner margin, and much constricted in central portion, or even broken into two spots; fringes whitish. Beneath, primaries black, with a broad, sharply defined pale yellow median band containing a large black discal spot corresponding to reniform, terminal area at costa suffused with whitish; secondaries as above, but costal area pale yellowish and median band broader, entirely enclosing black discal spot; costal half of terminal area suffused with whitish; fringes pale, darker at apex of primaries. Expanse, 25 mm.

Habitat: Redington, Ariz, 10 ♂s, 14 ♀s. Types, collection Barnes.

The species is closely related to *sueta* Grt., which, however, lacks the blue shading of the Arizona form; the ground colour is quite variable, at times all traces of the pink suffusion being lost.

Schinia velutina, sp. nov.

Head, thorax, abdomen and wings white, very slightly suffused with a pale ochreous. At first glance apparently immaculate, by holding in certain lights the maculation of primaries is distinctly visible as satiny white lines; t. a. line strongly outwardly oblique to just below cubital