

A NEW TORTRICID FROM TEXAS.

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Cydia grindeliana, sp. nov.—Antennæ blackish brown, with short greenish cilia. Labial palpi light greenish yellow, tipped with black. Head and thorax light greenish yellow. Fore wings light straw-coloured, overlaid and streaked with light greenish yellow, and in some specimens with light olive. Costal edge from base to apex with short black and silvery-white strigulae. Ocellus light shining yellow, edged anteriorly and posteriorly by narrow perpendicular silvery metallic lines, and containing three short black dashes, two on the anterior margin and one on the apical margin; above this is a small area, thickly mottled with dark brown scales, and the whole is surrounded by a narrow silvery line. Termen edged with dark brown; cilia yellow, with white base, and with dark brown scales, forming a more or less complete marginal line. Hind wings light silvery fuscous. Abdomen silvery fuscous. Legs yellowish, tarsi annulated with black.

Alar expanse: 17-19 mm.

Habitat: *Clarendon, Texas* (October).

Food-plant: *Grindelia squarrosa*, var. *nuda*. U. S. Nat. Museum. Type No. 9804.

The species is nearest *C. olivaceana*, Riley, and *C. griseocapitana*, Walsingham, but lighter, more bright yellow than either. From both it also differs in the dark-tipped labial palpi. From *C. olivaceana*, which it most resembles in general colour, it differs by the continuous series of small costal strigulae, and in the absence of the oblique olive costal streak at apical third. The strigulae it has in common with *C. griseocapitana*, but that species has a more dingy whitish colour, irrorated with olive; that species, type of which I took careful notes on last spring in the British Museum, also has the oblique costal streak at apical third, and has the cilia irregularly dusted with brown. The type of Riley's species is: U. S. National Museum, besides several other specimens. That species feeds on *Solidago*.

The types of the present species were bred by Mr. W. Dwight Fierce, of the U. S. Dept. of Agriculture. The larva feeds in the flower-heads of *Grindelia*, and pupates in a loose cocoon in the same place.