

internal angle. Costal black points mark the inception of the lines, which are partially expressed, fine and dentate or uneven. Hind wings iridescent with smoky borders. Collar edged with black. Expanse 26 mil. Indian River.

LYGRANTHOECIA TENUESCENS, n. s.

♂. I should refer this species to *Eulencyptera* had I described it before Mr. Smith's valuable paper appeared. The fore tibiae are abbreviate, on the inside with a long terminal claw, followed or preceded by two thin spinules; on the inside there is a much shorter claw opposite the long one at the extremity of the joint on the outside, followed by a still shorter claw. The primaries are like *Cumatilis*, but the white band is very narrow, shaped like *Hulstia*; here the colors are pale olive and silvery white. Base olive, then the white median band, broadest on costa; the outer portion pale olive cut by the rather broad white subterminal shade. Tibiae spinose; clypeus bulging. Differs structurally from *Antaplaga Dimidiata*. Exp. 22 mil. Arizona.

PYRRHIA ILLITERATA Gr.

This is described by myself before Mr. Morrison or Prof. French named it. Unfortunately I have not my type; if I recollect rightly, Mr. Thaxter has the species. It may be known at once by its brilliant orange red color, both wings alike, the markings of primaries black. It seemed to me to be Guenee's *aurantiago*, though the figure in the Species General hardly resembles it except in color (pl. 7, fig. 1). My *Heliothis Lupatus* is founded on a specimen given me by Meske from Bastrop Co., Texas. The types of both are now in B. Mus. *Lupatus* is very different in color (even from faded *Illiterata*) and apparently in markings, reminding one of *Heliothis dipsaceus*. The color is a saturated ochre, somewhat intense, and the insect was concolorous. To the best of my recollection, I determined this species in Mr. Neumoege's collection correctly. I have no recollection of naming it for Prof. Riley; if so, I did it in Washington, away from my collection. I regret I have no notes on tibial structure of either of these species; I recollect examining the tibiae of *Lupatus* and finding them armed, hence my reference. Of the tibiae of *Illiterata*, I have no recollection. It was described many years ago, but I should quickly identify the species, which I had no doubt was Prof. French's (as I compared them). Mr. Smith's remarks reveal an unexpected similarity between these insects, which can readily be cleared up the moment I get a specimen of *Illiterata* again in my hands.