

three orange-ochre costal lines; the outer two ante-apical, outwardly oblique and joining a marginal line of the same color; the inner a little less oblique, just without the middle of the wing. The marginal line only extends to the outer border of a black patch situate below the median fold and containing four or five ochre dots. Fringes silky, concolorous with the wings. Hind wings a little darker than primaries, immaculate. Beneath concolorous brownish fuscous, with the exterior margins of both wings shaded with pale. Costa of primaries above at apices narrowly yellowish, enclosing fuscous streaklets. No costal fold.

Expanse 18 mil. Illinois, Mr. Thos. E. Bean, No. 630. Seems to be rather distantly allied to the European *arcuana*.

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## NEW NOCTUAE.

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### *Agrotis Hilliana*, n. s.

♀. All the tibiae spinose. Allied to *perconflua*, but much brighter colored and with larger and distinctly annulated stigmata. Bright rusty ochre, shaded with lilac gray. A fine black basal streak reaches to the small black marginal claviform. Base of the wing ochreous, basal half line double, the inner line distinct blackish brown. Sub-basal space washed with lilac gray. Inner transverse line a little oblique, nearly straight with a slight outward curve below submedian vein on the margin, double, the outer line distinct, the inner fades out below costa. Median space rusty ochre; orbicular large, ochreous, with faint internal annulus, oblique, ringed with black; reniform similar in color, upright, very near the exterior line, which commences on the costa just above it. Exterior line lunulate, nearly straight, faintly indicated below costa. Sub-terminal space dark, washed anteriorly with lilac gray, contrasting with clear ochreous terminal space and fringes. Hind wings pale ochreous with faint lunule and double shaded lines. Abdomen above pale ochreous. Thorax rusty and dark. Head and collar pale ochreous. Palpi brown at