

with a slight rose tint to the long hairs on the basal segments, and a slight ochre tint on the posterior part of each segment, the terminal brush a dark brownish ochre. Under side of the body the same as the upper, the long hairs having the rosy tint. *Primaries* the same color as the thorax, marked with darker shades of brown, with a few lighter scales on the veins and a few black scales scattered over different parts of the surface. Basal, t. a. and t. p. lines moderately distinct, double, composed of brown and black scales, in which the black predominates, the included space a little lighter than the ground color; the t. p. line strongly arcuated beyond the reniform. Transverse shade prominent below the median vein and near the costa. Subterminal line light, running nearly parallel with the outer margin, bordered on its inner side with a dark brown that shades out towards the t. p. line. Between the subterminal line and the outer border is the lightest part of the wing. Orbicular and reniform annulated with slightly lighter brown than the ground color, the first somewhat kidney-shaped, the last with a prominent black spot in its lower part. *Secondaries* blackish brown, not very dark, scarcely lighter at the base. Fringes dark reddish brown with a narrow ochreous stripe at the base. Under side a little lighter than above, with a distinct black arcuated line marking the outer third of both wings.

Described from one ♀.

*Heliothis Illinoensis*, n. s.

Length .45 of an inch. Expanse of wings 1.10 inches. Color of head and thorax reddish brown, the dorsal portion of each having a yellowish cast. The abdomen rather dark nankeen yellow. Under side of body a mixture of yellow and reddish brown. *Primaries* reddish brown, being rather more of a red than a brown, with patches of dark ochre scales between the stigmata, the reniform and the t. p. line, and below the median vein. Basal, t. a. and t. p. lines black, single, the t. a. line with a strong outward angle just before reaching the hind margin, the t. p. line angulated about the same as in other species of the genus. Transverse shade distinct only near the costa and hind margin. Subterminal line broken into about nine black spots without shading. The annulations of the stigmata indistinct, these spots chiefly marked by a few enclosed black scales, portions of the black annulus being seen in places. At the base of the wing, on the hind margin, is a small patch of yellow scales similar