

The colony of tropical insects at the southern extremity of the Floridian Peninsula is one of exceeding interest. The more muscular insects such as Sphingidæ and Noctuidæ seem to be often the same species as the West Indian. There is probably a constant accession of fresh blood. I do not separate the Florida *Edwardsii* of Butler from Cuban *Alope*. But the feebler winged Bombyces and Geometrids seem to differ slightly and seem to have undergone a local modification. My notes on the fauna of the Peninsula are not yet ready for publication, but they show some remarkable results parallel with my already published studies of the distribution of the Lepidoptera.

SCOLECOCAMPA OBSCURA, n. s.

Fore wings ochrey fuscous with an interrupted black terminal line, two dots on the cell and indications of a rounded, bent, single outer median line. Thorax like primaries. Hind wings dark fuscous. Beneath paler, without markings on either wing. Palpi obliquely ascending, fuscous. Antennæ pale. One specimen. Coll. B. Neumoegen, Esq. Arizona. Allied to *Bipuncta*, but darker and stouter.

PHASIANE IRRORATA Pack.

A large specimen of this species, which may be known by the broad pale yellowish median bands, is contained in Mr. Neumoegen's collection from Arizona.

SEMIOTHISA S-SIGNATA Pack.

Arizona specimens vary by the wings being pale ochrey without marks except the black, curved inferior portion of the outer line. Again all marked with dark blotches. The S-shaped black line is more even than in Packard's figure, but I do not think there is room to suspect a different species.

SEMIOTHISA COLORATA, n. s.

This is smaller but in form like *Ocellinata*. No discal mark on fore wings, which show three dark costal spots, the lines obsolete. The wing is washed with faint reddish ochrey. Subterminal line cloudy, blackish continuous, upright, followed by a paler shade. Hind wings light gray, with but little of the warmer tint of primaries: a discal point. Beneath with discal marks on both wings, and with a well marked subterminal band on the whitish secondaries. On fore wings above the terminal space shows an irregular blackish shading. External margin even. Wings sparsely