

Habitat.—So. Arizona. (Poling.) Described from 1 ♀.

Type.—Coll. Barnes.

This species can easily be separated from *E. egle*, its nearest relative, by its large size and scarlet abdomen.

*Euchaetias castalla*, n. sp.

♂.—Palpi porrect, projecting slightly beyond front, grayish-brown, darker towards tip, with a few reddish hairs at base. Antennæ bipectinate, shaft white on upper side, pectinations and under side of shaft blackish. Collar edged anteriorly with red, which extends downward, forming a small patch behind the eyes. Front, thorax, patagia and wings pure white; on primaries at apex of cell a very slight gray spot. Abdomen red, with a dorsal and two lateral rows of black spots, fading towards posterior end.

Underneath, wings as above, with traces of gray along costal margin and in cell. Pectus and abdomen white, with reddish traces at base of wings and on fore coxæ. Legs grayish-white.

Expanse, 31 mm.

♀.—Very similar to ♂; black markings of abdomen much more prominent; anal tuft white.

Expanse, 40 mm.

This species bears a superficial resemblance to *Pygarctia roseicapitis* N. & D., but lacks the spur of fore tibia, characteristic of the genus *Pygarctia*. It may further be distinguished from the above species by the white shaft of the antennæ, the lack of the characteristic red collar, and the white anal tuft of the ♀, the abdomen of which corresponds very closely with that of *E. Bolteri* Stretch.

Several specimens show traces of gray sprinkling on primaries, and one ♂, for which we propose the name ab. *griseopunctata*, possesses, in addition to this sprinkling of gray scales, a distinct irregular gray band beyond the cell, bent outward from costal margin to vein  $M_1$  and thence, nearly parallel to outer margin, to a point about midway between anal angle and base.

Habitat.—Santa Catalina Mts., Babaquivara Mts., Ariz.; So. Arizona. (Poling.) Redington, Ariz. Described from 14 ♂'s and 3 ♀'s.

Types in coll. Barnes.

*Halesidota indistincta*, n. sp.

♂.—General colour dark ochreous; palpi, front and shaft of antennæ light yellow; thorax with some indistinct darker shades. Markings on primaries very obscure; three spots along costa of a light yellowish colour,