

MALE: Length 2.74 mm, width 0.94 mm. Head length 0.22 mm; head width through eyes 0.72 mm; vertex width 0.18 mm. Length of antennal segment I, 0.24 mm; II, 0.84 mm; III, 0.74 mm; IV, 0.28 mm. Pronotal length, 0.38 mm, width, 0.82 mm. Cuneal length; 0.44 mm; width, 0.30 mm.

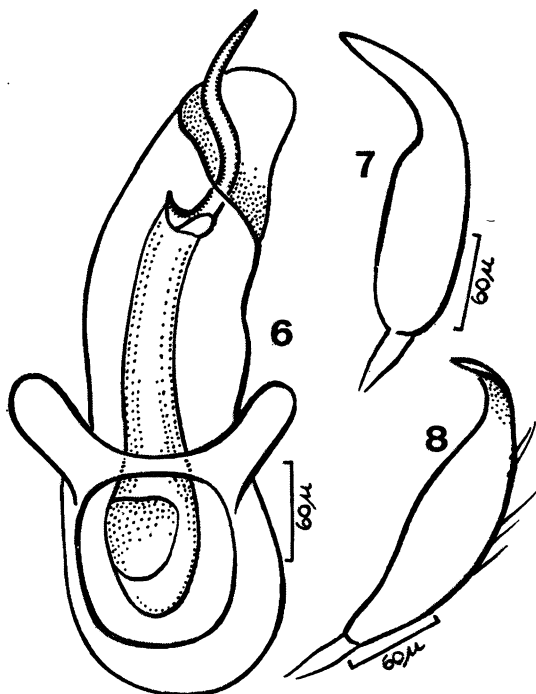
General coloration light green with yellow to lutescent areas; head lutescent to sulphurescent; eyes dark brown; antennae pale yellow becoming slightly fuscous towards apex; pronotum with area of calli somewhat lutescent, posterior half of disc greenish; mesoscutum and longitudinal fascia on scutellum pale yellow to lutescent; apex of scutellum more intensely green; hemelytra greenish yellow to green; extreme base and middle of embolium, claval commissure, internal margin of corium, line between apex of exocorium and embolium and outer portion and extreme apex of cuneus darker green; membrane light fuscous with veins light green; underside with body pale yellow; apex of rostrum and claws fuscous.

Eyes large and coarsely granulate, almost reaching gula below; erect hairs more conspicuous on head, pronotum and scutellum.

Genitalia: Penis (fig. 6) terminating in elongate slender process. Left paramere (fig. 7) widest basally, becoming elongate and pointed at apex. Right paramere (fig. 8) widest at middle, apex curved and pointed.

HOLOTYPE: male, 8 miles west of El Limon, Tamaulipas, Mexico, July 20, 1970, taken at light, Murray, Phelps, Hart, Schaffner. Deposited in the *National Museum of Natural History*, Washington, D. C.

Apachemiris minor n. sp. is the smallest of the three members of the genus and most closely resembles *A. vigilax* (Van Duzee). This species is more slender in appearance and the width of the pronotum is 1.14 times the width of the head taken through the eyes in contrast to 1.21 times in the case of *A. vigilax*. The first antennal segment of *A. minor* is more than 1/2 as long as the cuneal length whereas in *A. vigilax* it is clearly less than 1/2 the cuneal length.



Apachemiris minor n. sp. Fig. 6 — penis; fig. 7 — left paramere; fig. 8 — right paramere.

Apachemiris vigilax

(Van Duzee, 1923) n. comb.

Orthotylus vigilax Van Duzee, Proc. Cal. Acad. Sci. 12:155.

Characterized chiefly by its dimensions.

MALE (holotype): Length, 3.00 mm; width, 1.02 mm. Head length, 0.24 mm; head width through eyes, 0.76 mm; vertex width, 0.18. Length of antennal segment I, 0.22 mm; II, 0.86 mm; III and IV missing. Pronotal length, 0.42 mm; width, 0.92 mm. Cuneal length, 0.50 mm; width, 0.36 mm.

General coloration yellowish to yellowish green; green spots on areas near apex of embolium, apical margin of endo-