

glandula dorsualis lutea, antice lata, quadrifurcata, postice ramulos duos angustos laterales emittens. Pedum par primum ceteris haud crassius, par ultimum ceteris longius. Laminæ genitales parvæ, se invicem angulis internis tangentes, obtuse pentagonæ; stigmatibus majoribus quinis, minoribus binis instructæ.

Long. 0.5 millim.

*Hab.* GUATEMALA, near the city (*Stoll*).

Body ovoid, convex, transparent; brownish-white, like the legs and palpi; the dorsal patch large, blackish-brown, separated into seven single spots by the orange-coloured dorsal gland; the latter divided in its anterior half into two bifurcate branches, whilst at its posterior end it emits two small and narrow lateral branches. The first and second pairs of legs bear on their lower surface a few pairs of long, squarrose spines, which are indistinctly serrate at the end and inserted behind tooth-like elevations of the epidermis; the third pair with a pinnate bristle at the apical end of the fifth joint, and also with several swimming-hairs beneath; the fourth pair with a few short spines beneath, the spines gradually becoming longer towards the apex of the joints, and the apical end of the third, fourth, and fifth joints with a short, pinnate bristle, and towards the apices of the same joints some tufts of long swimming-hairs. The genital plates are small, situated in the middle between the epimera of the fourth pair of legs and the abdominal margin, and touch each other at their inner angles; each plate bearing five large and two small stigmata.

Found in ponds in the vicinity of the city of Guatemala.

**Var. ypsilon.** (Tab. IX. figg. 1-1 c.)

Corpus ovatum, pellucidum; macula dorsuali magna nigro-fusca, granulosa; glandula dorsualis lutea, Y-formis, integra. Laminæ genitales pentagonæ, parvulæ, angulis internis se invicem tangentes, stigmatibus quinis vel senis instructæ. Pedes atque palpi sicut in typo.

Long. 0.25 millim.

*Hab.* GUATEMALA, near the city (*Stoll*).

Body ovoid, transparent, with a large brown dorsal patch, which is divided by an orange-coloured Y-shaped dorsal gland into three distinct spots. Genital plates pentagonal, touching each other at their anterior angles, each bearing five or six large and two small stigmata. Legs and palpi as in the type.

Found in the same pond with the type in the vicinity of the city of Guatemala.

I cannot consider this little *Atax* specifically distinct from *A. septem-maculatus*, with which it agrees in the colouring, in the shape of the legs and palpi, and in the character and size of the genital laminæ. It differs from typical *A. septem-maculatus* in being a trifle smaller, and in the form of the sharply marked, non-ramified dorsal gland.

**3. *Atax dentipalpis*, sp. n.** (Tab. X. figg. 1-1 d.)

Corpus ovatum, fere rotundum, depressulum, pellucidum, flavo-albescens, postice tuberculis duobus setigeris; macula dorsualis nigra, lata, per glandulam dorsualem brunneam, albo-marginatam, longam, antice bifur-