

Body ovoid, almost globoid, high, transparent; yellowish-white, with six black spots on the back, these being widely separated by a broad longitudinal yellow stripe which at its frontal and anal end and again in its middle is itself crossed by a transverse blackish stripe, the spots placed thus—two large ones on the anterior half of the dorsum and two others on the posterior half, the latter separated from the former by a white interspace, and on each side at a little distance from the anterior ones is a small one nearer to the margin. Legs of moderate size, rather short, gradually longer from the first to the fourth pair; all bearing many spines and swimming-bristles, which are most numerous on the lower surface of the fourth pair; on the latter beneath there is also a row of short, erect spines on the third, fourth, and fifth joints, together with tufts of long swimming-hairs. Palpi rather short, their fourth joint bearing an oblique tooth. Mandibles with a narrow, falciform, non-denticulated claw. Genital plates united into a single large pentagonal piece, which only in its anterior half bears a lanceolate fissure; three large stigmata present on each side of the genital piece.

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

### Fam. BDELLIDÆ.

[Kramer, Grundzüge zur Systematik der Milben, in Archiv für Naturg. xliii. p. 244 (1877).]

#### BDELLA.

*Bdella*, Latreille, Gen. Crust. et Insect. i. p. 153 (1806).

#### 1. *Bdella splendida*, sp. n. (Tab. III. figg. 2–2 c.)

Corpus oblongum, læve; parte antica magna, trigona, in rostrum longum acutum porrectum desinens; humeri rotundati, post eos corpus paullo angustius, usque ad apicem analem gradatim attenuatum; postice late rotundatum; colore ex fusco rubro. Rostrum ad basin paullulum inflatum, ad apicem subtus piligerum, setulæ dimidio paullulum separatæ, divergentes. Palpi quam rostrum longiores, setis sparsis brevibus armati; ad apicem quinti articuli valde elongati setas duas inæquales ferentes, internam brevior, externam longior. Extremus palporum articulus secundo brevior, tertius atque quartus brevissimi. Mandibulæ elongatæ, ad basin latiores, apicem versus gradatim gracilescentes, chelis minimis instructa; chelarum dens fixus curvus, acutus; dens mobilis latus, apice truncatus. Pars antica corporis (pseudo-cephalothorax), pedes et palpi coccinei; pars postica (abdomen) ex fusco rubra, stria lata rosacea at lineis tribus transversis angustis inæquidistantibus ejusdem coloris induta. Cuticula mollis, subtilissime striatula, in dorso setas sparsas in series longitudinales dispositas gerens.

Long. 1.25 millim.

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

Body oblong, smooth, gradually narrower from the rounded shoulders towards the anal end, the latter broadly rounded; pseudo-cephalothorax triangular, ending in a long, acute rostrum. The pseudo-cephalothorax, rostrum, palpi, and legs are vivid scarlet; the rest of the dorsal surface from behind the eyes to the anus reddish-brown with darker spots, the latter varying with and depending on the intestinal contents; a