

**Fam. IXODIDÆ.**

[C. L. Koch, System. Uebers. über die Ordn. der Zecken, in Arch. f. Naturg. x. Jahrg. Bd. 1, p. 220 (1844).]

**IXODES.**

*Ixodes*, C. L. Koch, loc. cit. p. 231.

1. ***Ixodes boarum***, sp. n. (Tab. XIII. figg. 1-1e; and Tab. XIV. fig. 4, ♀.)

♂ latet.

♀. Corpus ovatum, depressum, glabrum, in superficie dorsuali et ventrali abdominis tam sulcis longitudinalibus quam punctis impressis instructum; colore, animalculo vivente, ex cæruleo sericeo (in animalculo alcoholo præservato sordide ochraceo). Laminæ stigmaticæ obtuse triangulares, stigmate excentrico, rimam simplicem oblongam formante. Scutum occipitale latum, parvum, angulis obtusis, nitidum, punctis et foveolis raris impressis indutum, colore castaneo uniformi. Oculi nulli. Scutum frontale parvum, glabrum, foveis frontalibus carens, colore castaneo. Rostrum parvum, breve, colore læte castaneo. Arca mandibularis hamulis senis in utroque latere armata, quarto latissimo, quinto longissimo. Arca maxillaris subtus dentibus squamiformibus, rotundatis instructa. Palpi breves, rostrum longitudine haud superantes. Pedes graciles, breves, setulis raris armati.

Long. secundum satietatem varians: 2·5 millim. in jejunis, 5 millim. in satiatis animalculis; lat. 3·5 millim.

*Hab.* GUATEMALA, Retalhuleu (*Stoll*).

Male unknown. Body of the female ovoid, depressed, hairless. The dorsal surface of the abdomen shows several linear furrows, arranged in two or three concentric series which radiate from an imaginary centre in the occipital plate. The whole skin of the abdomen perforated by a multitude of extremely small punctiform dimples. Stigmatic plates very simply built, triangular, with rounded angles, the stigma forming a simple excentric fissure. The occipital plate is small, comparatively broad, with obtuse angles, shining, of a uniform chestnut-brown colour, with some punctiform dimples, principally on the sides. No eyes visible. The frontal plate small, chestnut-brown, devoid of the two frontal grooves or foveæ common to the females of *Amblyomma*. Rostrum small, short. Mandibles bearing six hooks on each side, only five of which are distinctly visible; the fourth is the broadest, the fifth the longest of all. The maxillary teeth are scaly, rounded. The palpi are rather short; the legs comparatively short and slender. The total length of the body varies according to the state of digestion; from 2·5 millim. in the empty specimens up to 5 millim. in the satiated ones. Breadth 3·5 millim.

I found about sixty individuals of this species, all of them females, adhering to the skin of a *Boa imperator*, near Retalhuleu. The rudimentary state of the genital orifice renders it possible that the specimens are not adult.