

AMBLYOMMA.

Amblyomma, C. L. Koch, System. Uebers. über die Ordn. der Zecken, in Arch. f. Naturg. x. Jahrg. Bd. 1, p. 223 (1844).

1. ***Amblyomma mixtum***. (Tab. XII. figg. 1-1 *i*, ♀; 2-2 *b*, ♂.)

Amblyomma mixtum, C. L. Koch, loc. cit. p. 227; Uebers. d. Arachnidensyst. Heft iv. pp. 74, 75, t. 13. figg. 47 (♂), 48 (♀).

♂. Corpus ovatum, valde depressum, subtus concavum, colore ex rufo brunneo. Superficies dorsualis punctis numerosis impressis atque lineolis arcuatis irregularibus, interruptis, undulatis, flavo-albescentibus ornata, quæ ex dorsi centro, radiorum instar, ad peripheriam corporis petunt. Earum duæ maximæ angulum humeralem cujusque lateris capessunt inter quas area triangularis fere unicolor et lineolis albidis fere carens interest. Foveæ frontales nullæ. In abdominis parte posteriore lineolæ obscure fuscae ex intestinis translucentibus natæ, albidis se admiscunt. Inter sulculos marginis posterioris lineolæ albidæ et fuscae, breves, radiatim per pares alternantes dispositæ, adsunt. Scutum frontale, rostrum et palpi rufo-brunnei. Orificium genitale rimam angustam transversalem formans. Lamina analis in utroque latere marginis posterioris setis duabus longis armata. Pedes rufo-brunnei, setulis paucis sericeis armati.

Long. 4.5 millim.; lat. 3.5 millim.

♀. Corpus ovatum, in jejunis valde depressum, in satiatis depresso-globosum. Scutum occipitale magnum, triangulare angulis rotundatis, centrum dorsi angulo postico fere attingens, læve, colore rufo-brunneo, marginibus lateralibus fuscis, maculis albido-flavis irregularibus, disjunctis, e margine postico in ramos duo ramificatos discedentibus. Foveolæ punctiformes scuto impressæ numerosæ, nigræ. Abdomen colore fusco-olivaceo, margine clarius brunneo, haud nitidum, setulis albidis raris ornatum, punctis, sulcis et foveis impressis iniquum. In jejunis intestina colore fusco translucent, in satiatis abdomen colorem uniformem obscure purpureum seu rubidum exhibet. Lamina stigmatica triangularis, angulis late rotundatis, lateribus arcuatis. Rima stigmatica claviformis. Area genitalis triangularis; orificium genitale transversale angustum, margine anteriore subtilissime denticulato. Area analis rectangulata angulis rotundis, valvulis analibus semilunatis; quæque valvula in apice anteriore setis duabus, in posteriore setis tribus armata. Scutum frontale foveis duabus rotundis ornatum. Palpi, rostrum et pedes in ambobus sexibus æqualiter constructi. Palpi rostrum haud superantes, compressi, articulo quarto brevi, in apice tertii inserto, colore corporis, ad apicem secundi et ad basin tertii articuli macula fusca interne ornati. Apex rostri albido-flavus. Basis rostri et anguli posteriores scuti frontalis fusci. Arca maxillaris colore succineo, dentibus conoideis, sat erectis, inter se sat distantibus armata. Arca mandibularis in utroque latere hamulis quinque armata: eorum primus longissimus, secundum velut appendiculam brevem insertam ferens; tertius, quartus et quintus in ramo segregato dispositi. Pedes rufo-brunnei, setulis paucis armati. Pedes antici longiores, externe denticulati, ceterorum parium articulus quintus in apice dentibus duabus armatus. Variant fœminæ hujus species in singulis individuis colore plus minusve clariore scutorum occipitalis et frontalis, nec non rostri et pedum. Accedit ad hoc quod maculæ albidæ scuti occipitalis ramificatæ extensione multum variant.

Long. 4.5 millim., lat. 3.5 millim. in jejunis, ad long. 12 millim. et lat. 8 millim. in satiatis.

Hab. MEXICO (*Koch*); GUATEMALA, Retalhuleu, Antigua (*Stoll*); NICARAGUA, Chontales (*Janson*); COSTA RICA, Cache (*Rogers*).

♂. Body oval, much depressed, concave on its lower surface, testaceous, the dorsal surface with numerous punctiform black and testaceous dimples and several irregularly shaped, arcuate, narrow whitish stripes, which radiate from the centre of the dorsum and are sometimes interrupted so as to form a mere series of spots; a triangular area behind the anterior margin of the collar is comparatively free from these spots. On each side-margin and parallel to it there runs a narrow longitudinal stripe, which