

13. *Eurypelma seemanni*, sp. n. (Tab. III. fig. 1, ♀.)

Type, ♀, in coll. Brit. Mus., London.

♀. Total length 57 millim. Carap. 23×18 ; abd. 26; sternum 11×9 ; coxa of pedip. 9.5×5 ; mandible 10. Legs: i. 70; ii. 64; iii. 59; iv. 73—i. coxa 10, troch. 5, femur 16, pat. 10, tib. 12, prot. 11, tars. 8—ii. coxa 8.5, troch. 5, femur 16, pat. 9, tib. 10.5, prot. 10, tars. 8—iii. coxa 7, troch. 4, fem. 13.5, pat. 8, tib. 8.5, prot. 10, tars. 5—iv. coxa 8, troch. 4.25, fem. 17, pat. 9, tib. 12.5, prot. 15, tars. 8. Ocular tumulus 2.75, ant. marg. 13, ant. marg. to fovea 15, fovea to post. marg. 7. Mam. sup. 9.5; seg. i. 3.5; ii. 2.75; iii. 2.75 millim.

♀. Carapace rich mahogany-brown, clothed with sandy-yellow pubescence; anterior margin fringed with short rufous hairs; lateral and posterior margins fringed with rufous hairs. Abdomen chocolate-brown, clothed with numerous sandy hairs, ferruginous along the sides. Ventral surface and mamillæ ferruginous. Sternum, mouth-parts, and the coxæ of the legs ferruginous. Coxæ of pedipalp and margins of fang-groove fringed with rufous hairs. Mandibles grey, clothed with mingled ferruginous and sandy-grey hairs. Femora of legs and pedipalp brown, with two narrow indistinct pale longitudinal lines above. Femora i., ii., and iii. and of pedipalp having on the outer side a long, lanceolate, pale mark extending over the basal two-thirds. Patella of pedipalp and of i., ii., iii., iv. brown, with a pair of pale sandy lanceolate bars on each, extending from the base to the apex, those on iii. and iv. twisted posteriorly at the apex. Tibiæ of pedipalp and of i., ii., iii., iv. brown, with a pair of thin, longitudinal, sandy bars extending from the base to the apex. Protarsi i., ii., iii., iv. with a single short, narrow, central, basal sandy line. Tarsus of pedipalp with a single short, narrow, central, basal sandy line. Tarsi of i., ii., iii., and iv. unicolorous brown. Legs sandy-brown, clothed with ferruginous hairs below. Anterior margin of each segment fringed with short sandy hairs. Patellæ of all five appendages with a small sandy mark on the posterior side towards the base below.

Carapace about one-third longer than broad; cephalic area two-thirds the length of the carapace. Clypeus equal to half the length (longitudinal) of the eye-tumulus. Eye-tumulus slightly broader than long, ovate. Anterior row of eyes slightly procurved; eyes subequal, centrals one diameter apart, two-thirds from the laterals. Central posteriors contiguous with the lateral posteriors, the latter one-half a transverse diameter from the lateral anteriors. Cephalic striæ broad and shallow; cephalic area slightly, but not abruptly, raised from the fovea forwards, again inclined to the frontal margin. Fovea deep, straight, transverse, at bottom; upper margin broad-oval; posterior margin slightly emarginate in the centre. Inner margin of fang-groove with eight teeth, the base of the groove studded with minute cuspules. Coxa of pedipalp nearly twice as long as broad; inner distal angle produced into a short blunt spur; inner basal angle studded with numerous spinules. Labial plate slightly longer than broad, oval-quadrate, its apical fourth studded with numerous spinules. Sternum longer than broad, the anterior margin concave, the posterior margin terminating in a point, reaching the centre of the base of coxæ iv. Legs i. and ii. stouter than iii. and iv. Tibia i. = 4.5 millim. wide; tibia iv. = 3.75 millim. wide. Tibiæ and protarsi i., ii., iii., and iv. more or less spinose. Protarsi and tarsi i. and ii. clothed beneath with a thick scopula. Protarsus iii. with the apical half and the whole of tarsus iii. scopulate. Protarsus iv. with the apical third and the whole of tarsus iv. scopulate. Protarsi iii. and iv. very spinose beneath, including several spines at the apex. Coxæ of the legs subsimilar in width, those of iv. wider in proportion to length. Tarsal claws 2.

Hab. N.W. COSTA RICA, Puerto Culebra (*Seemann*).

Of this species I have examined an adult female, and also a young example of the same sex.

14. *Eurypelma sabulosum*, sp. n.

Type, ♀, in coll. Godman & Salvin.

♀. Total length 65 millim. Carap. 26×24 ; ceph. area 18; oc. tum. 3.25×2.5 . Legs: i. 73; ii. 68; iii. 62; iv. 75. Pat.+tib. i. 23; iv. 22. Prot. iv. 16 millim.

♀. Entirely clothed with chocolate-brown hairs, inclining to rufous. Abdomen with long scattered fiery-red