

- a.* Abdomen either orange with transverse-oblique lateral black slashes (♀) or black with lateral orange slashes (♂). Palpal bulb deeply cleft at the base behind, strongly geniculate; apex very broad, slightly spiraloid, bifid; outer branch large; inner branch much smaller. Outer tibial spur very long and curved in a semicircular form, not dilated at the apex and without a spine on the inner side . . . . . *pentaloris*, E. Sim.
- b.* Abdomen unicolorous brown. Palpal bulb not deeply cleft at the base, bilobate, piriform; basal lobe compressed globular; apical lobe concave in front, attenuate at the apex, its point directed outwards and downwards. Outer tibial spur long, slightly dilated at the apex, with a long spine on the inner side (♂) . . . . . *pernix*, Auss.

1. **Hapalopus pernix.** (Tab. II. figg. 14, 14 *a-c*, ♂.)

*Crypsidromus pernix*, Auss. Verh. zool.-bot. Ges. Wien, xxv. p. 178, t. 6. figg. 22, 23, 23 *a* (1875)<sup>1</sup>.

Type, ♂, in Brit. Mus.

♂. Total length 27 millim. Carap. 11 long., 9 lat.; ceph. area 7. Legs: i. 39; ii. 37; iii. 37.5; iv. 46. Pat.+tib. i. 11; iv. 12. Prot. i. 7; iv. 11 millim.

*Hab.* MEXICO, Pic de Orizaba<sup>1</sup>.

M. Simon (Act. Soc. Linn. Bord. xlv. p. 330) also records this species from Guatemala. The Guatemalan specimen, a female, has been carefully examined by me, and its specific identity with *Crypsidromus pernix*, Auss. (the male type of which is before me), is doubtful.

2. **Hapalopus pentaloris.** (Tab. II. figg. 2, ♀; 3, ♀, young; Tab. III. figg. 2, 2 *a-c*, ♂.)

*Crypsidromus pentaloris*, E. Simon, Ann. Soc. Ent. Fr. 1888, p. 216<sup>1</sup>; Act. Soc. Linn. Bord. xlv. p. 331 (1892)<sup>2</sup>.

Type, ♀, in coll. E. Simon, Paris.

*Hapalopus ruficeps*, E. Simon, Bull. Soc. Zool. Fr. xvi. p. 109 (1891)<sup>3</sup>; Act. Soc. Linn. Bord. xlv. p. 331<sup>4</sup>.

Type, ♀, in coll. E. Simon, Paris.

♂. Total length 31 millim. Carap. 14 long., 12 lat.; ceph. area 8. Legs: i. 50; ii. 47; iii. 46.5; iv. 58. Pat.+tib. i. 15; iii. 12.5; iv. 16. Prot. i. 9.5; iv. 13 millim.

♂. Carapace, legs, and sternum uniform chocolate-brown. Abdomen black, with pale central dorsal area and a few indistinct transverse oblique lateral stripes towards the apex.

♀ (imm.). The hues of the abdomen are much more conspicuous than in the adult. Carapace, legs, and sternum uniform pale chocolate-brown. Abdomen with pale orange central dorsal area, sometimes darker towards the apex, with five conspicuous rich orange transverse oblique lateral slashes, alternating with deep black intervals, narrower and more closely adjacent towards the spinners. Ventral area orange, with a broad black dentate central band. The disposition of the bands and the coloration of the dorsal area vary with individuals.