

Zunil, San Isidro, Zapote (*Champion*); COSTA RICA¹⁶; PANAMA, Bugaba, Volcan de Chiriqui¹⁶, Caldera, San Lorenzo, Tolé (*Champion*).—COLOMBIA¹⁶; VENEZUELA¹⁶.

This is another small form, some of the males measuring 5 millim. only in length, chiefly differing from the var. *severini* in the shorter head, with obtuse frontal process, and the less acute outer hind angles of the segments 1–3 of the connexivum. The abdomen has the usual transverse dark fascia, and, rarely, in the males, a few spots in addition. The insect is widely distributed in Central and South America. About thirty specimens have been seen, a good many of which are from Chiriqui. A male from Belize is figured.

Var. *carneipes*.

Phymata carneipes, Mayr, Verh. zool.-bot. Ges. Wien, xv. p. 442 (1865)¹⁷.

♀. *Phymata breviceps*, Stål, Enum. Hemipt. v. p. 133 (1876)¹⁸.

Phymata erosa, subsp. h, *carneipes*, Handl. Ann. k. k. naturhist. Hofmus. xii. p. 167, t. 5. fig. 9, t. 8. figg. 15 (pronotum), 30 (head)¹⁹.

Hab. MEXICO, Temax in N. Yucatan (*Gaumer*¹⁹); PANAMA, Volcan de Chiriqui (*Champion*).—COLOMBIA, Bogota^{18 19}; BRAZIL^{17 19}.

This form resembles the var. *parva*, but it is larger and usually has the legs more or less suffused with reddish (possibly due to discoloration after death). The Yucatan specimens (♂ ♀), named by Herr Handlirsch, have an additional dark transverse fascia in front of the usual one, and the abdomen more broadly and less angularly dilated than usual. I have seen the types of Mayr and Stål. The locality "Georgia" given by Mayr¹⁷ is stated by Handlirsch¹⁹ to be probably incorrect.

2. *Phymata handlirschi*, n. sp. (Tab. IV. fig. 6, ♀.)

Phymata handlirschi, Champ., Handl. Ann. k. k. naturhist. Hofmus. xii. p. 154, t. 8. figg. 5 (connexivum), 36 (head)¹.

♀. Moderately elongate, rather narrow; ochraceous, mottled with fuscous, the pronotum with a dark transverse fascia before the middle, widening inwards posteriorly, and extending for some distance backwards, the clavus and corium fuscous, with whitish dots, the abdomen with a broad transverse blackish fascia, occupying the fourth segment and the basal half of the fifth, the membrane smoky; the antennæ ochraceous, with the apical joint fuscous; the legs ochraceous, the anterior femora and coxæ partly fuscous, the four hinder femora and tibiæ faintly annulated with fuscous. Head moderately long, the anterior process rather prominent, with the lateral lobes obtuse at the tip; granulate, and with two prominent subangular tubercles on the disc behind the eyes; antennæ rather slender, joint 3 longer than 2, and 4 a little longer than 3. Pronotum strongly, subequally trisinuate at the sides, the anterior angles prominent but obtuse, the four marginal teeth subequal; anterior lobe finely granulated, the posterior lobe coarsely, shallowly, confluent punctured; the dorsal carinæ prominent; the base feebly emarginate in the middle. Scutellum carinate and granulate. Corium and clavus minutely punctured. Connexivum sparsely granulate, almost parallel in front, gradually widening to the subacute apex of the fourth segment, and obliquely narrowing thence to the broadly rounded apex, the outer apical angles of segments 1–3 slightly thickened.

Length $5\frac{3}{4}$; breadth of pronotum 2, of abdomen $3\frac{1}{2}$ millim.

Hab. PANAMA, Volcan de Chiriqui 3000 feet (*Champion*¹).