

### 6. *Hyperaspis coronata*. (Tab. X. fig. 26.)

Ovata, nigra; capite, prothoracis lateribus, margine antico et macula basali coronam simulante, elytrorumque humero, maculis quatuor apiceque, flavis; pedibus rufis. Long. 3 millim.

*Mas* capite toto flavo.

*Femina* capite nigro, puncto flavo coroniformi.

*Hab.* PANAMA, Volcan de Chiriqui 8000 feet (*Champion*).

Punctuation very thick. Head yellow in the male, black in the female, with a spot on the crown similar to that on the thorax, *i. e.* with a projecting point in the middle and narrowed at its base. Thorax with the sides widely yellow; the lateral spot hardly indicated by a faint stain; the front margin very narrowly yellow; a crown-like spot on the middle at the base. Elytra with the shoulder and a pair of spots placed a little before the middle, the marginal one of which is joined with the shoulder-stripe, yellow; there is also a pair of subapical spots, joined together, and also with the yellow apex along the margin; these spots are sometimes suffused, so as to form a heart-shaped yellow apical patch enclosing an angular black marking.

### 7. *Hyperaspis billoti*.

*Cleothera billoti*, Muls. Spec. Col. Trim. sécur. p. 619<sup>1</sup>.

*Hyperaspis billoti*, Crotch, Rev. Coccin. p. 221<sup>2</sup>.

*Hab.* MEXICO, Teapa in Tabasco (*H. H. Smith*), Frontera in Tabasco (*Höge*); GUATEMALA, Chiacam, Teleman, Mirandilla, Pantaleon, El Reposo, Zapote (*Champion*); NICARAGUA, Chontales (*Janson*); COSTA RICA, Volcan de Irazu (*Rogers*).—SOUTH AMERICA, Brazil<sup>1 2</sup>.

This insect so closely resembles *Brachyacantha decempustulata* that it is difficult to separate the two species unless the generic characters are observed; nevertheless, most specimens of *H. billoti* are very much smaller than any of the allied forms. The males have the shoulder-spot clearly defined, and it seems to be present sometimes in the female, though obscure and very much reduced in size, being, in fact, a mere point.

A very large, and on the whole uniform, series of specimens were taken by Mr. H. H. Smith at Teapa; some of these scarcely exceed one millimetre in length.

ii. *Elytra black, with four yellow spots.*

### 8. *Hyperaspis undulata*.

*Coccinella undulata*, Say, Journ. Acad. Phil. iv. p. 92 (1824)<sup>1</sup>.

*Hyperaspis undulata*, Crotch, Trans. Am. Ent. Soc. iv. p. 381<sup>2</sup>.

Var. *Exochomus 4-oculatus*, Motsch. Bull. Mosc. 1845, 2, p. 383<sup>3</sup>.

*Hyperaspis quadri-oculata*, Crotch, Rev. Coccin. p. 231<sup>4</sup>; Trans. Am. Ent. Soc. iv. p. 381<sup>5</sup>.

*Hab.* NORTH AMERICA<sup>1</sup>, California<sup>3 4 5</sup>.—MEXICO, Northern Sonora (*Morrison*).

This insect does not accord with *H. elegans*, Muls. (which is sunk by Crotch as syno-