

(*Champion*); NICARAGUA, Chontales (*Janson*), Corcuera (*M<sup>c</sup>Neil, Mus. Vind. Cæs.*); COSTA RICA, Irazu, Cache (*Rogers*); PANAMA<sup>3</sup>.

Two varieties of this species are here figured. Fig. 5 represents a specimen received from Costa Rica, and is a melanic variety, whilst the Nicaraguan specimen (fig. 10) exhibits the paler and more usual form of the species, and agrees with a typical specimen, identified by Stål, in the collection of Dr. Signoret.

### 3. *Dysdercus flavo-limbatus*. (Tab. XXI. fig. 6.)

*Dysdercus flavo-limbatus*, Stål, Öfv. Vet.-Ak. Förh. 1861, p. 198. 1<sup>1</sup>; En. Hem. i. p. 121. 16<sup>2</sup>.

*Hab.* MEXICO<sup>1 2</sup> (*Bilimek, Mus. Vind. Cæs.*), Presidio (*Forrer*); GUATEMALA, Zapote (*Champion*).

### 4. *Dysdercus obscuratus*, n. sp. (Tab. XXI. figg. 8, 9.)

*Dysdercus flavo-limbatus*, Stål, var.??

Closely allied to *D. flavo-limbatus*, Stål, but differing in having the anterior lobe of the pronotum (excluding anterior and lateral margins) black, with a reddish spot on each side; beneath, the ground-colour of the sternum and abdomen is black and not red; the femora piceous.

Long. 10–15 millim.

*Hab.* GUATEMALA, San Gerónimo, San Juan (*Champion*); COSTA RICA, Cache (*Rogers*).

I have felt constrained to regard this as a distinct species, or, at all events, to separate it under a distinct name, in consequence of the constant colour differences, especially those of the underside. I have examined nine specimens, which exhibit no variation in this respect, whilst in a series of Mexican examples of *D. flavo-limbatus*, including a typical one from the Stockholm Museum, the red and not black markings are equally constant.

Two Costa-Rican specimens are here figured.

### 5. *Dysdercus incertus*, n. sp. (Tab. XXI. fig. 7.)

Head red, with a basal line, the apex, and eyes black; antennæ black, with the extreme base of the first joint red, first joint a little longer than second, third short (remainder mutilated). Pronotum with the anterior lobe red, the posterior lobe ochraceous; the first with the lateral margins ochraceous, and the anterior collar white, bordered inwardly with black; posterior lobe with a large discal black spot. Scutellum black. Corium ochraceous, with a very large and irregularly shaped black spot occupying nearly the apical third; clavus with a central longitudinal black streak. Membrane black, the apex pale fuliginous, and the apical margin whitish. Head beneath red, body beneath ochraceous, anterior and posterior margins of prosternum, posterior margins of meso- and metasternum, acetabula, and posterior segmental margins whitish; anterior margin of prosternum inwardly margined with black; basal disks of abdominal segments infuscated. Legs with the femora obscure castaneous, tibiæ and tarsi fuscous, coxæ and trochanters ochraceous. Rostrum obscure ochraceous, with the apex black, and just passing posterior coxæ.

Long. 12 millim.

*Hab.* COSTA RICA, Cache (*Rogers*).

*D. incertus* is allied to *D. obscuratus*, and is another difficult form of this protean