

black; the abdomen yellow, a little infusate in the middle, and the apical ventral segment usually black.

The species of *Colyphus* are very closely allied and very difficult to separate. I had formerly united the few specimens of this from Zapote with *C. distinctus*, and it is, no doubt, extremely difficult to draw a line here between species and local varieties. The elytra, however, in *C. bilineatus* are flatter above; the stripes are narrower and rather further apart, so that the black sutural band appears always wider, and they curve inwards at the apex when they are united; and the whole insect is rather bulkier. I have seen about a dozen examples which I refer to this species.

6 (B). *Colyphus nigriventris*.

Nigro-fuscus, nitidus; elytris opacis, plerumque tenuiter flavo marginatis; ore, prothoracis lateribus pedibusque flavis; geniculis, tibiis tarsisque nigris. Long. 6-7 millim.

Hab. GUATEMALA, Zapote, San Gerónimo, Telemán in Vera Paz (*Champion*); PANAMA, Caldera in Chiriqui, Bugaba (*Champion*).

This species is so closely allied to *C. bilineatus* that I feel much hesitation in giving it a separate name; the abdomen is always black and shining, in combination with elytra without any trace of a vitta, and often without the margin even being yellow. From *C. limbatus*, or, more properly speaking, from those specimens referred in the present volume, with some doubt, to that type, the close punctuation of the head and thorax, the rather shorter body, and the pale femora clearly distinguish it. *C. lateralis* has no yellow limb to the elytra.

Colyphus limbatus (p. 144).

To the localities given, add:—GUATEMALA, Purula (*Champion*). One specimen agreeing very closely with the type.

10 (A). *Colyphus relucens*. (Tab. XII. fig. 22.)

Rufus, supra sanguineus, subtus ferrugineus, nitidus; antennis pedibusque nigris; elytris basi nigro-cæruleis, sublævibus, obsoletius subseriatim punctatis. Long. 7 millim.

Var. Pedibus rufis, antennis piceis basi rufis.

Hab. PANAMA, Volcan de Chiriqui 4000 to 6000 feet (*Champion*).

Head and thorax entirely brick-red, without spots; very smooth, a very few scattered small punctures on the front portion of the latter being all that are to be observed; the head in two examples has a double impression, in the others it is smooth. Antennæ very slightly serrate, and with the terminal joints scarcely wider than the rest, the apical one usually pitchy red, and the basal one red; black, however, in one specimen. Elytra smoother than usual; entirely red, excepting the base, which is blue, leaving, however, the scutellum and the suture narrowly red. Allied to the blue variety of *C. signaticollis* figured in the earlier part of this volume.

Five specimens.