

- i. Transverse sulcus, at least on anterior fourth of body, conspicuously pitted at least as high up as the pore.
- k. Transverse sulcus obsolescent above the pores; only pitted up to the pores in the anterior fourth of the body; olive-black . *smithi*, sp. n.
- k<sup>1</sup>. Transverse sulcus strong and complete dorsally, pitted throughout in the anterior half of the body; segments transversely banded with red or yellow . . . . . *aurocinctus*, sp. n.
- i<sup>1</sup>. Transverse sulci not pitted.
  - l. Elliptical area of scobinae small, narrower than striate area, and separated from the anterior edge of the segments by a space exceeding their transverse diameter in length; median and posterior area of segments smooth and polished . . . . . *stolli*, sp. n.
  - l<sup>1</sup>. Elliptical area of scobinae large, as wide as the striate area and close to the anterior border of the terga; at least the median area of the terga coriaceous.
  - m. First tergal plate encircled with yellow; tergal plate and valves of anal segment bordered behind with yellow . . . *atoyacus*, sp. n.
  - m<sup>1</sup>. First tergal plate, and tergal plate and valves, not bordered with yellow . . . . . *salleanus*, sp. n.

### 1. *Rhinocricus rogersi*, sp. n. (Tab. V. figg. 12, 12 a, b.)

*Colour* (in alcohol) rich olive-green, obscurely banded transversely, the segments ferruginous or yellowish-red beneath; legs yellowish; antennae pale olive-green banded with yellow.

*Head* smooth, shining; sulcus mesially obsolete; eyes consisting of five transverse rows of about thirty ocelli, separated by a space equalling at least four diameters. *Antennae* slightly shorter than the uncovered portion of the head, distally attenuate; sixth segment nearly as long as wide, narrower than the fifth but not longer; seventh much narrower than fifth or sixth. *Segments* smooth, shining, feebly striolate; the first with a short inferior lateral groove, its anterior border projecting just below the level of the eyes, obliquely cut away inferiorly, so that its lateral border is not so evenly and widely rounded as in the other species. Second segment not striate laterally below; posterior portion of its infero-lateral edge projecting convexly below the level of the anterior portion, striolate; posterior portion longitudinally grooved for a short distance inferiorly. Transverse sulcus strong laterally, extending over the dorsum as a shallow groove on all the segments except the anterior and posterior four or five, on which it is obsolete. Longitudinal groove behind pore very weak. *Scobinae* feebly developed, visible from the seventh or eighth to the fifteenth or sixteenth segments; the two transversely oval, quite close to the anterior edge of the segments, separated by a space equalling at least six times their transverse diameter, the striate area triangular. *Anal segment*: tergite scarcely covering summit of valves, the process rectangular.

Valves with margins compressed, prominently convex; sternite triangular, its angle obtusely rounded.

*Copulatory feet* and *phallopods* of male as in figures (Tab. V. figg. 12 a, b). Number of segments 43-44.

Length about 80 millim.; greatest width 8; width at anterior end 7, width at posterior end of penultimate segment 6.5 millim.

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

This species is remarkable for the feeble development of the scobina and for the more angular shape of the lateral portion of the first tergal plate.