

Fig. 54. Thorax, dorsal view, *Trichobius galei*, new species, from *Natalus stramineus mexicanus* (no. 6731), San Lorenzo Caves (Panamá).

***Trichobius galei* Wenzel, new species. Figures 54, 57J–L.**

A small species, easily separated from the others of the group by the presence of only two rows of setae between the antescutellars and the transverse suture, the long, discal bristles on the seventh sternites of the female and on the hypopygium of the male, as well as by the short, very strongly bent male gonapophyses.

DESCRIPTION: In general, with the characters of *T. caecus* excepting as follows: *Thorax*.—Anterior margin of prescutum scarcely projecting at middle, if at all; scutum at middle with only two transverse rows of setae between antescutellars and transverse suture. *Wings*.— R_s bare on basal half or slightly less, at least twice as long as distance from fork to crossvein *r-m*. *Abdomen*.—Lateral lobes of syntergum I+II with 9–13 coarse setae and below these usually several shorter, finer setae. *Female*: Tergum VII with only a pair of macrosetae; supra-anal plate with three much longer, apical macrosetae and a pair of lateral setae (one on each side) which are about as long as those

on tergum VII; seventh sternites with all setae well developed, four or more macrosetae near apical margin; postgenital sclerite as in fig. 57K. *Male*: Hypopygium covered with long setae dorsally and apically, with shorter setae ventrally; gonapophyses as in fig. 57L.

<i>Measurements:</i>	BL	TL	WL	WW
Male	1.18–1.30	0.47–0.54	1.04–1.07	0.44–0.52
Female	1.32–1.65	0.48–0.55	1.04–1.37	0.52–0.60

TYPE MATERIAL: Holotype male and allotype female (slides) from *Natalus stramineus mexicanus* (host no. 6731), San Lorenzo Caves, Fort Sherman (Canal Zone), 15 March 1961, C. M. Keenan and V. J. Tipton. In the collection of Chicago Natural History Museum. **Paratypes.**—Approximately 107 (27 bats), same data as the holotype. From *Natalus* sp.: 2, Camp Chágres, Madden Dam (Canal Zone), 19 June 1963, GML. Paratypes to be deposited in the collections listed on p. 410.

REMARKS: This species is apparently restricted to *Natalus stramineus mexicanus*. A closely related species is known to us from the same host in Guatemala and Mexico. *T. galei* n.sp. is named in honor of Dr. Nathan Gale, Canal Zone Veterinarian.

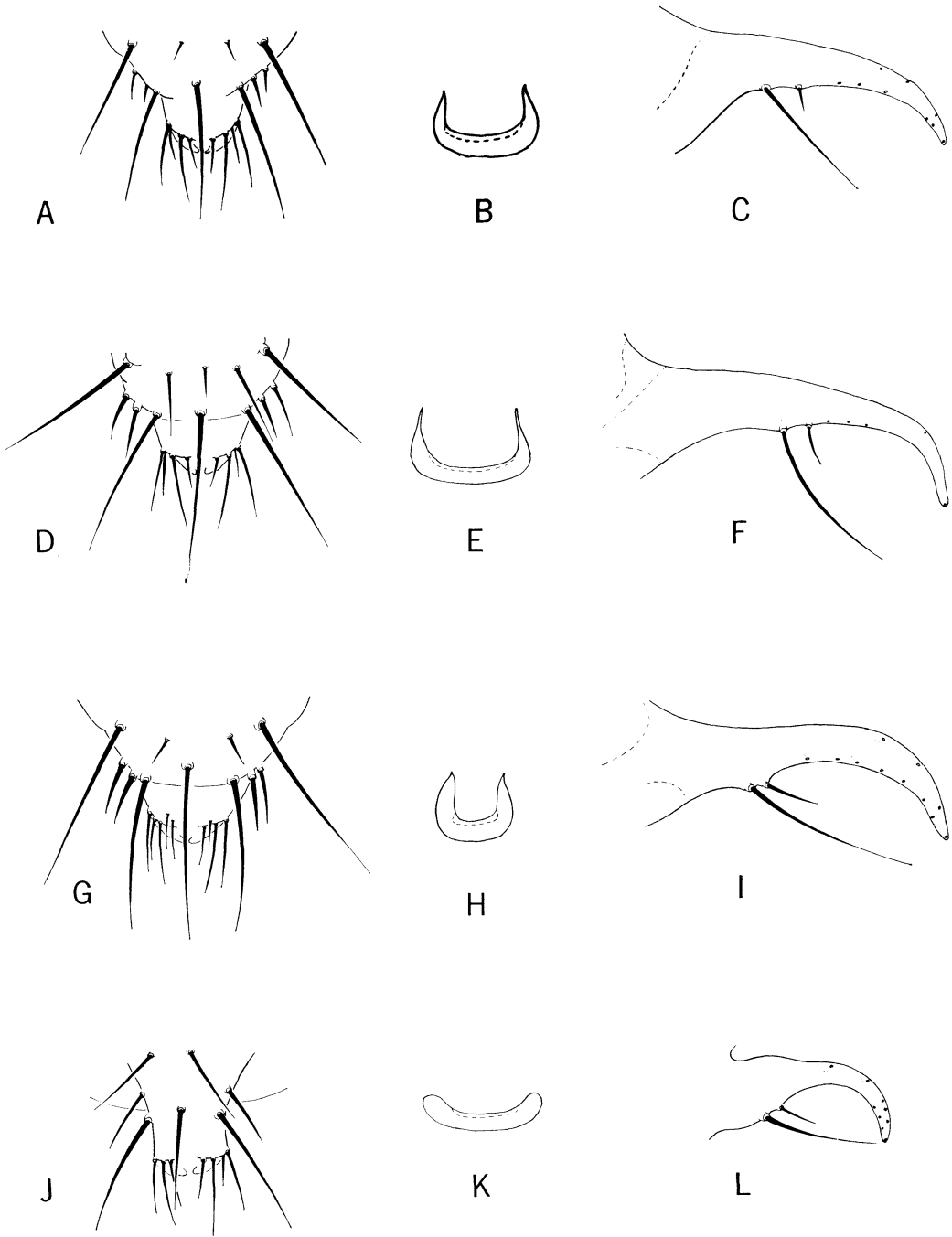


Fig. 57. Terminalia of *Trichobius caecus* group, including (from left to right) female terminal cone, female postgenital sclerite, and left male gonapophysis (lateral view). A–C, *Trichobius caecus* Edwards. D–F, *T. yunkeri* new species. G–I, *T. johnsonae*, new species. J–L, *T. galei*, new species.