



FIGURE 5. Line drawings of *Tropidomyrmex elianae* gen. & sp. n. sting apparatus (paratype worker). A, sting and furcula in dorsal view; B, sting and furcula in profile; C, oblong plate; D, anal plate; E, gonostylus; F, spiracular plate; G, triangular plate; H, quadrate plate.

***Tropidomyrmex elianae* sp. n.**

(Figs. 1–11)

Holotype worker. BRAZIL: MG, Tiradentes, Serra de São José [21°05'30"S 44°10'36"], 12.iv.2007, 1267m, Canello, E.M. & Menezes, M.A. cols. No. 12. Apicotermitinae [MZSP].

Paratypes. same data as holotype (1 gyne and 1 male) [CASC]; (1 male) [CPDC]; (1 male) [BMNH]; (1 male) [ICNC]; (3 workers, 3 gynes, and 5 males) [MZSP]; (1 gyne and 1 male) [USNM].

Worker. Holotype (paratypes within brackets): HW 0.51 (0.53–0.55); HL 0.55 (0.55–0.56); ML 0.27 (0.26–0.28); EL 0.031 (0.028–0.038); SL 0.27 (0.26–0.28); PRW 0.27 (0.26–0.28); WL 0.65 (0.64–0.66); FL 0.34 (0.30–0.37); PL 0.15 (0.15); PW 0.17 (0.17); PPL 0.11 (0.09–0.11); PPW 0.21 (0.21); GL 0.78 (0.73–0.81); TL 2.51 (2.42–2.57); OI 4.28 (3.87–5.25); SI 52.4 (51.7–53.6); CI 98.3 (96.5–100). Color pale yellow, with dark punctuations at the hair insertions. Body predominantly smooth and opaque; lateral faces of mesopleuron and propodeum with short, longitudinal rugulation, better seen in SEM. Body covered by abundant, whitish, short, suberect hairs, denser on appendages and anterior portion of pronotum; long, flexuous hairs present on ventral face of head.

Basal margins of mandibles not touching the anterior margins of clypeus when mandibles are closed (intramandibular space present). Compound eyes with four minute facets at the maximum diameter. Pronotum slightly inclined anteriorly; metapropodeal groove not strongly depressed; propodeal spiracle set lower than the adjacent surface of propodeum, directed posterad. Postpetiole broader than petiole and with the anterior margin weakly concave medially, in dorsal view.