

with the basal face an obtuse but distinct angle; with narrowly rounded apex, weakly convex and rather sharply marginate sides, smooth and shining on disc. Basal face of epinotum more strongly sculptured as rest of thorax, punctures denser, with vestiges of faint, short, transverse regulae. Mesopleura nearly smooth and highly shining, punctulae very sparse and superficial. Sides of epinotum with faint striae near bottom. Epinotal spiracle small, oval. Legs indistinctly punctulate, quite shining.

Petiole scalelike, broad, antero-posteriorly strongly compressed, visibly narrowed dorsad as seen in profile, anterior face transversely convex, posterior face flat. Antero-basal tooth small, spiracle minute. Subpetiolar process rounded. Integument finely punctulate, but quite shining. Gaster with the same superficial punctulae and shining integument.

Body and appendages rather densely covered with silky yellowish gray conspicuous pubescence. Aside from the usual long sensory hairs on clypeus and the conspicuous standing hairs on gaster, also the thoracic dorsum exhibits rather numerous short and evenly distributed standing hairs.

Lectotype. — 1 worker from Santa Catarina State, Brazil (NHMW).

Distribution. — In the new, restricted sense, *trigona* is widely dispersed over southeastern Brazil, occurring from Rio Grande do Sul to Guanabara and southern Goiás States.

Specimens examined. — Numerous workers collected from soil cover at the following Brazilian localities: Rio Grande do Sul State: Erechim (F. Plaumann); Santa Catarina State: Concórdia, Nova Teutônia, Passo Bormann, Seara, Xaxim (all from berlesate collections by F. Plaumann); Paraná State: Caiobá (F. Plaumann), Rio Negro (L. Schmidt); São Paulo State: Agudos (Kempf), Campos do Jordão (Kempf), Guararema (Kempf), Paranapiacaba (Kempf & V. dos Santos), Serra da Cantareira (Kempf & Santos); Guanabara State: Floresta da Tijuca (C. A. Campos Seabra); Goiás State: Goiânia, Campinas (J. S. Schwarzmaier) (WWK, CTB).

Discussion. — The piceous-black color, the well developed pubescence, the short standing hairs on thorax, the broad and compressed petiolar scale, the small eyes which are greatly removed from the clypeal border, the continuous thoracic dorsum, the vestigial mesoepinotal suture, the gable-like epinotum with a subtriangular declivous face, the rather shining and feebly sculptured integument, are the most outstanding characters for the worker of the present species.

The measurements vary considerably: head length 0.72-0.83 mm; head width 0.58-0.75 mm; thorax length 0.98-1.17 mm.