

**GYNE**

Measurements and associated statistics as presented in Appendix Table 12. Key statistics are presented herein: TL ( $4.05 \pm 0.217$ , 2), FL ( $0.83 \pm 0.008$ , 2), HW ( $0.73 \pm 0.008$ , 2), CI ( $88.35 \pm 0.113$ , 2), SL ( $0.6 \pm 0.024$ , 2), SI ( $86.79 \pm 2.343$ , 2), AL ( $1.19 \pm 0.113$ , 2), PRW ( $0.63 \pm 0.01$ , 2), PL ( $0.44 \pm 0.008$ , 2), PH ( $0.27 \pm 0.008$ , 2).

As described for worker except as follows: mandible with 7 - 9 teeth (apical 2 prominent); anterior clypeal margin in full face view with median lobe emarginate (with one prominent carina and one weak carina on each side of emargination); apex in lateral view convex to flagellum (near mandible). Compound eye with 15 - 17 ommatidia in greatest diameter. Scape reaching but not exceeding occipital vertex (by amount less than length of second funicular segment). Propodeal spines of moderate length, approximately  $\frac{1}{3}$  -  $\frac{1}{4}$  length of declivitous face of propodeum. Metanotal impression obscured by thoracic modification associated with flight. Propodeal plates almost as long as propodeal spines. Pit at base of procoxae not as prominent as in worker or in gynode of other species of *Stenamma*. Anterior subpetiolar process reduced to a small bump. Petiole pedunculate; stalk less than  $\frac{1}{2}$  length of petiolar thick, node rising gradually. Anterior and posterior subpostpetiolar processes are obscured by glue on one gyne and postpetiole is missing on the other. Thoracic pleura carinate, almost rugose, with decided longitudinal orientation. Neck of pronotum punctulate. Mesopleura with weakly scrobiculate median area. Propodeal dorsum with faint traces of transverse carinae between spines, declivitous face glassy smooth. Petiolar node dorsum rugulose, leading to a foveolate appearance; anterior and posterior surfaces of node and side rugose; venter rugulose. Postpetiolar node dorsum faintly rugose; side rugose; venter obscured by glue. First gastral tergite base carinate with numerous carinae diverging towards posterior (longest carinae located near midline of tergite, length 0.20 to 0.25 length of postpetiole). First gastral sternite base obscured by glue [presumably similar to worker]. Color similar to worker, but darker brown throughout.

**MALE**

Measurements as listed in Appendix Table 12 for the sole male examined.

As described for worker except as follows: mandible with 3 teeth; anterior clypeal margin in full face view with median lobe evenly convex (with a slight emargination with no trace of carinae on either side of emargination); apex in lateral view convex. Compound eye with 2 ommatidia in greatest diameter. Scape not reaching occipital vertex (does not reach level of anterior ocellus). Propodeal spines reduced to