

(ML). 10. Mandibulocephalic index (MCI), $ML \times 100/HL$. *11. Maximum mandible width (MMW). 12. Mandibular index (MI), $MMW \times 100/ML$. *13. Head depth (HD), longest distance between occipital margin and anterior margin of head in lateral view. *14. Alitrunk length (AL), in lateral view. *15. Pronotum width. *16. Propodeum width, at and including protuberances of the propodeal spiracles. *17. Distance between the posterior borders of the pronotum and the propodeum measured along the midsagittal line. *18. Procoxa length. 19. Profemur length. *20. Protibia length. *21. Mesocoxa length. *22. Mesofemur length. *23. Mesotibia length. *24. Metacoxa length. *25. Metafemur length. *26. Metatibia length. *27. Petiole width. *28. Petiolar node length (PL). 29. Petiolar index (PI), $PW \times 100/PL$. *30. Petiole height (PH), between dorsum and lateral margin of tergum in lateral view. *31. Length of petiole sternite along midsagittal line. *32. Maximum width of first gastral segment. *33. Length of first gastral segment sternite along midsagittal line. 34. Shape of posterior border of pygidium. 35. Shape of hypopygium in dorsal view. 36. Shape of hypopygium in lateral view. 37. Shape of distal margin of labrum.

References

- Barr, D. & Gotwald, W.H., Jr (1982) Phenetic affinities of males of the army ant genus *Dorylus* (Hymenoptera: Formicidae: Dorylinae). *Canadian Journal of Zoology*, **60**, 2652–2658.
- Emery, C. (1910) Subfamily Dorylinae. *Genera Insectorum* (ed. by P. Wytsman), Fasc. 102, pp. 1–34. V. Verteneuil & L. Desmet, Brussels.
- Gotwald, W.H., Jr (1979) Phylogenetic implications of army ant zoogeography (Hymenoptera: Formicidae). *Annals of the Entomological Society of America*, **72**, 462–467.
- Gotwald, W.H., Jr (1982) Army ants. *Social Insects*, Vol. IV (ed. by H. R. Hermann), pp. 157–254. Academic Press, New York.
- Gotwald, W.H., Jr & Barr, D. (1980) Quantitative studies on major workers of the ant genus *Dorylus* (Hymenoptera: Formicidae: Dorylinae). *Annals of the Entomological Society of America*, **73**, 231–238.
- Rohlf, F.J., Kishpaugh, J. & Kirk, D. (1972) NT-SYS. Numerical taxonomy system of multivariate statistical programs. State University of New York, Stony Brook, New York.
- Sneath, P.H.A. & Sokal, R.R. (1973) *Numerical Taxonomy. The Principles and Practice of Numerical Classification*. W. H. Freeman, San Francisco.
- Wilson, E.O. (1964) The true army ants of the Indo-Australian area. *Pacific Insects*, **6**, 427–483.

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