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References

- Baroni Urbani, C. (1977). Katalog der Typen von Formicidae (Hymenoptera) der Sammlung des Naturhistorischen Museums Basel (2. Teil). *Mitteilungen aus der Entomologischen Gesellschaft, Basel* (n.s.) 27, 61–102.
- Brophy, J. J., Cavill, G. W. K., Davies, N. W., Gilbert, T. D., Philp, R. P., and Plant, W. D. (1983). Hydrocarbon constituents of three species of dolichoderine ants. *Insect Biochemistry* 13, 381–90.
- Brown, W. L., Jr (1958). A review of the ants of New Zealand. *Acta Hymenopterologica* 1, 1–50.
- Brown, W. L., Jr (1977). *Ctenobethylus* (Bethylidae) a new synonym of *Iridomyrmex* (Formicidae, Hymenoptera). *Psyche* 83, 213–15.
- Cavill, G. W. K., Robertson, P. L., Brophy, J. J., Duke, R. K., McDonald, J., and Plant, W. D. (1984). Chemical ecology of the meat ant, *Iridomyrmex purpureus* sens. strict. *Insect Biochemistry* 14, 505–13.
- Clark, J. (1930). New Formicidae, with notes on some little-known species. *Proceedings of the Royal Society of Victoria* (n.s.) 43, 2–25.
- Crozier, R. H. (1968a). Cytotaxonomic studies on some Australian dolichoderine ants (Hymenoptera: Formicidae). *Caryologia* 21, 241–59.
- Crozier, R. H. (1968b). Interpopulation karyotype differences in Australian *Iridomyrmex* of the 'detectus' group (Hymenoptera: Formicidae: Dolichoderinae). *Journal of the Australian Entomological Society* 7, 25–7.
- Dalla Torre, K. W. von (1893). 'Catalogus Hymenopterorum hucusque descriptorum systematicus et synonymicus. Vol. 7. Formicidae (Heterogyna).' (W. Engelmann: Leipzig.) 289 pp.
- Doube, B. M. (1967). The foraging behaviour of the meat ant *Iridomyrmex detectus* (Smith). Thesis, University of Adelaide.
- Emery, C. (1888). Über den sogenannten Kaumagen einiger Ameisen. *Zeitschrift für Wissenschaftliche Zoologie* 46, 378–412.
- Emery, C. (1912). Fam. Formicidae. Subfam. Dolichoderinae. In 'Genera Insectorum. Fasc. 137'. (Ed. P. Wytsman.) pp. 1–50. (V. Verteneuil and L. Desmet: Bruxelles.)
- Ettershank, G. (1968). The three-dimensional gallery structure of the nest of the meat ant *Iridomyrmex purpureus* (Sm.) (Hymenoptera: Formicidae). *Australian Journal of Zoology* 16, 715–23.
- Ettershank, G. (1971). Some aspects of the ecology and nest microclimatology of the meat ant, *Iridomyrmex purpureus* (Sm.). *Proceedings of the Royal Society of Victoria* 84, 137–51.
- Ettershank, G. (1978). Acquisition of water from soil by the meat-ant, *Iridomyrmex purpureus* (Smith) (Hymenoptera: Formicidae). *Insectes Sociaux* 25, 31–8.
- Ettershank, G., and Ettershank, J. A. (1982). Ritualised fighting in the meat ant *Iridomyrmex purpureus* (Smith) (Hymenoptera: Formicidae). *Journal of the Australian Entomological Society* 21, 97–102.
- Forel, A. (1878). Études myrmécologiques en 1878 (première partie) avec l'anatomie du gésier des fourmis. *Bulletin de la Société Vaudoise des Sciences Naturelles* 15, 337–92.
- Forel, A. (1910). Formicides australiens reçus de MM. Froggatt et Rowland Turner. *Revue Suisse de Zoologie* 18, 1–94.
- Forel, A. (1915). Results of Dr. E. Mjöberg's Swedish Scientific Expeditions to Australia 1910–13. 2. Ameisen. *Arkiv för Zoologi* 9(16), 1–119.
- Greaves, T. (1971). The distribution of the three forms of the meat ant *Iridomyrmex purpureus* (Hymenoptera: Formicidae) in Australia. *Journal of the Australian Entomological Society* 10, 15–21.
- Greaves, T. (1973). Biological problems in the control of the meat ant, *Iridomyrmex purpureus* (Hymenoptera: Formicidae). *Journal of the Australian Entomological Society* 12, 284–8.
- Greaves, T., and Hughes, R. D. (1974). The population biology of the meat ant. *Journal of the Australian Entomological Society* 13, 329–51.
- Greenaway, P. (1981). Temperature limits to trailing activity in the Australian arid-zone meat ant *Iridomyrmex purpureus* form *viridiaeneus*. *Australian Journal of Zoology* 29, 621–30.
- Greenslade, P. J. M. (1970). Observations on the inland variety (v. *viridiaeneus* Viehmeyer) of the meat ant *Iridomyrmex purpureus* (Fredrick Smith) (Hymenoptera: Formicidae). *Journal of the Australian Entomological Society* 9, 227–31.
- Greenslade, P. J. M. (1974a). The identity of *Iridomyrmex purpureus* form *viridiaeneus* Viehmeyer (Hymenoptera: Formicidae). *Journal of the Australian Entomological Society* 13, 247–8.