

spinellike, and, for the most part, are smoothly rounded.

The following list summarizes the tubercles we have found in the subfamily Dolichoderinae. The structures are most conspicuous in young larvae, but since they remain the same size they become relatively smaller and therefore less conspicuous as the larva grows.

*Dorymyrmex*. A slender subconical tubercle at the posterior end.

*Iridomyrmex*. 1-5 rounded bosses (1/somite) along the middorsal line.

*Bothriomyrmex*. Prothorax with a pair of antero-ventral bosses. In the young larva of 1 species each boss is produced into a fingerlike process.

*Engramma*. Paired dorsal bosses, which are more prominent anteriorly, and a conspicuous knob at the posterior end.

*Tapinoma*. A rounded posterodorsal boss.

*Technomyrmex*. A rounded posterodorsal boss.

#### REFERENCES CITED

- Adlerz, G. 1886. Myrmekologiska studier II. Svenska myror och deras lefnadsförhållanden. Bihang K. Svenska Vet.-Akad. Handl. 11: 1-329.
- Allee, W. C., A. E. Emerson, O. Park, T. Park, and K. P. Schmidt. 1949. Principles of Animal Ecology. W. B. Saunders Co., Philadelphia. 837 p.
- Bernard, F. 1951. Super-famille des Formicoidea. In: P. P. Grassé, ed., Traité de Zoologie, Tome X, Fasc. II: 997-1104. Masson et Cie., Paris.
1958. Notes écologiques et biologiques sur une fourmi parasite nouvelle pour la France: *Bothriomyrmex gibbus* (Soudek). Bull. Soc. Zool. France 83: 401-9.
- Brown, W. L. 1963. Characters and synonymies among the genera of ants. Part III. Some members of the tribe Ponerini. Breviora Mus. Comp. Zool. Harvard Univ. no. 190. 10 p.
- Clark, J. 1951. The Formicidae of Australia. Vol. I. Subfamily Myrmeciinae. Commonwealth Sci. Indust., Res. Organ. (Melbourne, Australia). 230 p.
- Forel, A., and E. Jacobson. 1909. Ameisen aus Java und Krakatau beobachtet und gesammelt von Edward Jacobson. 1. Theil. Notes Leyden Mus. 31: 221-53.
- Marcus, H. 1953. Estudios mirmecológicos. Folia Universitaria (Cochabamba, Bolivia) no. 6: 17-68.
- Stärcke, A. 1933. Over de larven der dolichoderinen. Tijdschr. Entomol. 76: XXVI-XXXII.
- Torossian, C. 1959. Les échanges trophallactiques proctodéaux chez la fourmi *Dolichoderus quadripunctatus*. Insectes Sociaux 6: 367-74.
1960. Les échanges trophallactiques proctodéaux chez la fourmi: *Tapinoma erraticum*. Insectes Sociaux 7: 171-4.
1961. Les échanges trophallactiques proctodéaux chez la fourmi d'Argentine: *Iridomyrmex humilis*. Insectes Sociaux 8: 189-91.
- Valentini, S. 1951. Sur l'adaptation des larves de Formicoidea. Ann. Sci. Nat. (Zool.) 11: 249-76.
- Wheeler, G. C., and J. Wheeler. 1951. The ant larvae of the subfamily Dolichoderinae. Proc. Entomol. Soc. Wash. 53: 169-210.
1960. The ant larvae of the subfamily Myrmicinae. Ann. Entomol. Soc. Amer. 53: 98-110.
1964. The ant larvae of the subfamily Ponerinae: supplement. Ann. Entomol. Soc. Amer. 57: 443-62.
- Wheeler, W. M. 1915. On the presence and absence of cocoons among ants, the nest-spinning habits of the larvae and the significance of the black cocoons among certain species. Ann. Entomol. Soc. Amer. 8: 323-42.
- Wilson, E. O., T. Eisner, G. C. Wheeler, and J. Wheeler. 1956. *Aneuretus simoni* Emery, a major link in ant evolution. Bull. Mus. Comp. Zool. Harvard Univ. 115: 81-99.

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