

smallest workers of populous nests of several species rarely or never forage outside the nest. This fact, once appreciated, leads to a reopening of the whole question of possible trophallaxis in *Myrmecia*; the Haskins team has undertaken a new investigation of this question and has come up with results that will force a modification of their views of 1951. With publication of their results, it is hoped that a new review of myrmeciine biology, correcting previous errors and providing an accurate summary of knowledge of the tribe, will be forthcoming.

REFERENCES

- BROWN, W. L., JR. 1953. Characters and synonymies among the genera of ants. *Breviora, Mus. Comp. Zool.*, **11**: 1-13.
- CLARK, J. 1934. Notes on Australian ants, with descriptions of new species and a new genus. *Mem. Nat. Mus. Vict., Melbourne*, **12**: 71-94.
- 1952. (1951) The Formicidae of Australia, Vol. I: Subfamily Myrmeciinae. Commonwealth Sci. Industr. Res. Org. Australia, Melbourne. 230 pp., 193 figs.
- CRAWLEY, W. C. 1926. A revision of some old types of Formicidae. *Trans. Ent. Soc. London for 1925*: 373-393, 13 figs.
- HASKINS, C. P. and E. F. HASKINS. 1951. (1950). Notes on the biology and social behavior of the archaic ponerine ants of the genera *Myrmecia* and *Promyrmecia*. *Ann. Ent. Soc. Amer.* **43**: 461-491, 5 figs.
- WHEELER, W. M. 1933. Colony-founding among ants. Harvard University Press, Cambridge, Mass. x + 179 pp., 29 figs.