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STUDIES ON ARIZONA ANTS (4)
CAMPONOTUS (COLOBOPSIS) PAPAGO, A NEW
SPECIES FROM SOUTHERN ARIZONA¹

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This paper deals with ten colonies of *Colobopsis* taken by the writer in southern Arizona during the summers of 1950 and 1951. The work done during the second summer was made possible by a fellowship from the John Simon Guggenheim Memorial Foundation. Most of the observations on habits carried in this paper were made during the first months of a fifteen month survey of the ants of the southwestern United States and northern Mexico. I am happy to take this opportunity to express my sincere appreciation for this fellowship. I wish to thank Mr. Harry Stevens, the United States Agent in charge of the Papago Indian Reservation at Sells, Arizona, for his kindness in permitting us to use the Forestry Cabin on the western slope of the Baboquivari Mountains. We are also grateful to Mr. and Mrs. Forrest Perkins, who generously turned over their ranch house to us during our stay on the eastern slope of the Baboquivaris. The comfortable surroundings provided in each case greatly facilitated the work with the ants.

The older records for the species described in this paper were regarded by W. M. Wheeler as representatives of *C. (Colobopsis) cerberulus* Emery. For reasons which will be given later, I feel that it is a much sounder procedure to treat this ant as a new species. To do so involves the risk that it may subsequently prove to be *cerberulus*, as Wheeler supposed. But this risk must be taken if we are ever to get out of the fog which has obscured *cerberulus* from the time of its original recognition. In 1920 Emery described *cerberulus* from a single, winged female taken in the state

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