

NOTE

New Host Record for the Social Parasite *Pogonomyrmex anergismus*
(Hymenoptera: Formicidae)

Pogonomyrmex anergismus Cole was previously known only from the type locality, 15 miles east of Silver City, New Mexico, as a social parasite of *P. rugosus* Emery (Cole, 1968. *Pogonomyrmex* harvester ants, University of Tennessee Press, Knoxville, 222 pp.). We collected *P. anergismus* on 7 October, 1984, along Pinery Canyon Road, 2 k SE Route 181, 24 k (straight line distance) W of Portal, Chiricahua Mts., Cochise Co., Arizona (1600 m) in a nest of *P. barbatus* (F. Smith). The collection was made in a black-gamma grassland (*Bouteloua eriopoda* (Torr.) Torr.). *P. anergismus* was present in only one of six nests which we partially excavated.

We suggest that *P. anergismus* is widely distributed as both *P. rugosus* and *P. barbatus* have large ranges. This new record is a range extension of over 130 k to the southeast. *Pogonomyrmex anergismus* has a spotty local distribution wherever it occurs, being found only in one nest in an area with large numbers of nests of the host. As all specimens have been collected during excavation of host nests, we suggest this is the best method to collect them. Although this is a new host record, it is not surprising that it occurred in a nest of *P. barbatus* as *P. barbatus* is closely related to *P. rugosus*.

Our specimens differ from paratypes of *P. anergismus* in the following: 1, the males have longer, more flexuous hairs on the dorsum of the thorax, and the hairs are also more dense; 2, males and females have longer propodial spines; and 3, females are darker. Until the variability of *P. anergismus* can be evaluated with specimens from other localities, we do not feel that the above differences justify the description of a new species.

Most of the specimens will be deposited in the National Museum of Natural History, Washington, D.C.

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