

moved with the *Formicas*, or had found and entered the nest later. *Tapinoma* does not harbor *Hetærius* as a rule. The very long hairs covering the dorsal surface of *Hetærius californicus* give the little beetle a distinctive appearance and it is undoubtedly a true symphile. When disturbed, it either feigns death or walks awkwardly away.

Formica cinerea* var. *neocinerea Wheeler. Not common. I have myself found no myrmecophilous insects with this ant, but have before me *Hetærius tristriatus* Horn, taken at Lake Merced, Cal., March 6, 1910, by Mr. F. X. Williams.

Formica rufa* var. near *coloradensis. Several mounds along Corte Madera Creek were examined, but nothing taken except *Myrmecophila formicarum*, which was abundant. On March 13, in a colony under a board were two specimens of *Batrissus zephyrinus* Casey. They were walking about among the ants, which paid no attention to them.

Formica fusca* var. *argentata Wheeler. Common. Generally in damp locations in the hills. I have taken four specimens of *Hetærius tristriatus*, one each from four nests of this ant on April 17, 1910.

Prenolepis imparis Say. Common in damp places. This is our local honey ant, but the workers away from the nest are as often seen on carrion or dung as on anything from which they might obtain honey. It harbors *Myrmecophila formicarum*, and often the thief-ant, *Solenopsis molesta* Say.

Tapinoma sessile Say. Abundant everywhere. *Myrmecophila formicarum* occurs in most of the nests, and colonies of *Solenopsis molesta* are common. The nest of one little colony of *Tapinoma* contained a colony of *Solenopsis* approximately five times as numerous in individuals as the host colony.

On December 22, in a nest containing colonies of both *Tapinoma* and *Solenopsis* was a little wingless Proctotrypid, *Isobrachium myrmecophilum* Ashmead. A second specimen was taken from another nest on February 13. Ashmead¹ states that this genus is parasitic upon the ants or upon myrmecophilous Coleoptera. The latter being so rare in the nests of *Tapinoma* it is probable that *Isobrachium* is a parasite of the ant itself.

¹Bull. 45, U. S. Nat. Mus.