

of many ant species that have been collected on Barro Colorado a single time, despite the very intensive collecting of its whole area by several ant specialists, as well as the long-time Resident Naturalist, James Zetek. It has been said that Barro Colorado is so well collected for ants that scarcely anything in the way of new species can be collected there. That McCluskey and I, engaged in what was primarily an ecological survey not particularly directed toward the finding of novelties, were able to find this *Amblyopone* and at least two other undescribed ant species in the square mile centered on the Laboratory Clearing, speaks for the virtual inexhaustability of the island's ant fauna and for the richness of tropical forest faunas in general.

In the key to the New World *Amblyopone* in my 1960 review (p. 191 to 192), *A. tropicalis* runs to couplet 8, where its intermediate size makes it fall ambiguously into either 8 or 9. Of the three species in these two couplets [*orizabana* Brown, *bierigi* (Santschi), *chilensis* Mayr], *A. tropicalis* is closest to *orizabana* in structure and to *chilensis* in size, but differs from these in the reduced number of teeth in the clypeal armament, in the strongly projecting, large median fusion tooth, and in the nearly obsolete dorsal members of the mandibular double teeth, rendering the tooth row apparently single as seen from dorsal view. *A. tropicalis* is larger than *orizabana*, has relatively longer and more slender mandibles and a broader head.