

Barro Colorado Island, a worker from Dpto. Cundinamarca, Colombia (see Kempf, 1975), a worker from Dpto. Magdalena, Colombia (Longino #763-S), the type of *T. manni* from Bolivia, and the one specimen from Dpto. Huanuco, Peru.

The diagnostic characters used to differentiate *T. zeteki* from *T. atrox* were smaller size, stouter antennae, shorter mandibles, and a more quadrate head. *T. manni*, on the other hand, was distinguished from *T. atrox* by its larger size, and relatively wider head and longer mandibles. As discussed above, these allometric characters are not adequate to distinguish *Thaumatomyrmex* species.

Discussion

No cases of sympatry of *Thaumatomyrmex* species are known, including the *T. mutilatus* group and *T. cochlearis*. In areas where multiple collections have been made - *T. ferox* in Costa Rica, *T. atrox* on Barro Colorado Island, and *T. mutilatus* in Brazil - the morphology is fairly uniform. Various possibilities present themselves. The genus *Thaumatomyrmex* could be composed of a single geographically variable species with a continuous distribution, in which case the oldest name, *T. mutilatus*, would best represent the entire group. Alternatively, a set of morphologically differentiated allopatric populations might exist, in which case species distinctions are arbitrary and the utility of separate names for them is questionable. A third possibility is that there is a patchwork of parapatric species or species with narrow regions of sympatry, in which case some nomenclatural resurrection would be required. Further collections, both across regions and intensively within regions, will clarify which of the above, or which combination of the above, best represents the genus *Thaumatomyrmex*.

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