

TAXONOMIC COMMENTS ON OTHER *PSEUDOMYRMEX* SPECIES**Introduction**

The following notes are based on critical examination of type material in various (mostly European) collections, supplemented by infusions of fresh material from recent field work in Central and South America. Most of the new synonymies given here are those that I consider relatively clear and straightforward. Much additional synonymy is certain, but this cannot be documented reliably without detailed species-level revisions of the groups concerned. Despite such synonymy, it should also be pointed out that there are considerable numbers of undescribed species, especially in the *P. pallidus* group.

Twenty-two species and 64 available names are formally dealt with below. The valid species are listed alphabetically and described briefly, with related taxa discussed or cross-referenced where appropriate. I have given particular attention to species associated with ant-plants (*Acacia*, *Tachigali*, *Triplaris*, etc.) because these have received considerable ecological attention, often accompanied by taxonomic inaccuracies. Grouped according to the plants which they inhabit, the following plant-associated species of ants are discussed and diagnosed:

Acacia *P. ferrugineus*, *P. flavicornis*, *P. nigrocinctus* (under *P. ferrugineus*), *P. nigropilosus* (under *P. ferrugineus*), *P. spinicola*, *P. subtilissimus* (above, p. 432). See also note added in proof on *P. peper*i (p. 452).

Pithecellobium

P. perboscii

Tachigali *P. concolor*, *P. malignus*, *P. tachigaliae*

Triplaris *P. dendroicus*, *P. triplaridis*, *P. triplarinus* (under *P. dendroicus*), *P. viduus*

P. viduus occurs in association with additional ant-plant genera (*Ocotea*, *Cordia*, *Sapium*, etc.), displaying a catholicity not found in the other *Pseudomyrmex*.

Species accounts

Pseudomyrmex concolor (F. Smith)

(Figure 40)

Pseudomyrma concolor F. Smith, 1860:70. Syntype dealate queen (unique?), "St. Paul" [São Paulo de Olivença], Amazonas, Brazil (BMNH) [Examined].

Pseudomyrma penetrator F. Smith, 1877:66. Syntype alate queen, "St. Paul" [São Paulo de Olivença], Amazonas, Brazil (BMNH) [Examined] [Synonymy by Kempf, 1967:5; here confirmed].

Pseudomyrma latinoda Mayr, 1877:877. Holotype worker, Amazonas [probably Barreiras de Unahan, Rio Purus; see Benson & Setz, 1985], Brazil (Trail) (NHMV) [Examined]. *Syn. nov.*

Pseudomyrma damnosa Wheeler, 1921b:139. Syntype workers, queens, males, Kartabo, Guyana (W. M. Wheeler) and Penal Settlement, Guyana (W. M. Wheeler) (MCZC) [Examined] [Synonymy, under *P. latinodus* (Mayr), by Kempf, 1961:406; here confirmed].