

**SYSTEMATIC STUDIES ON PSEUDOMYRMECINE ANTS: REVISION OF
THE PSEUDOMYRMEX OCULATUS AND *P. SUBTILISSIMUS* SPECIES
GROUPS, WITH TAXONOMIC COMMENTS ON OTHER SPECIES**

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ABSTRACT

*The first part of this paper contains a synopsis of the major species groups and revisions of two such groups (*P. oculatus* group, *P. subtilissimus* group) in the large Neotropical ant genus *Pseudomyrmex*. Eleven species are recognized in the *P. oculatus* group, of which three are new: *P. alustratus* Ward (from Peru), *P. cretus* Ward (Costa Rica), and *P. pisinus* Ward (Brazil). *P. caeciliae* (Forel) is raised to species (stat. nov.), and the following new synonymy is proposed: *P. elongatus* (Mayr) = *P. alliodorae* (Wheeler); *P. oculatus* (F. Smith) = *P. altinodus* (Mann) = *P. tuberculatus* (Enzmann) = *P. wessoni* (Enzmann); *P. urbanus* (F. Smith) = *P. chodati* (Forel) = *P. ogloblini* (Santschi). Four species are recognized in the *P. subtilissimus* group of which two are new: *P. spiculus* Ward (Costa Rica), and *P. villosus* Ward (Brazil). *P. culmicola* (Forel) is proposed as a junior synonym of *P. tenuissimus* (Emery). A final section of the paper contains taxonomic comments, including new synonymy and lectotype designations, on 22 other species of *Pseudomyrmex*, in various species groups, with emphasis on taxa which are associated with ant-plants. No new species are described but three taxa [*P. pazosi* (Santschi), *P. rufiventris* (Forel), and *P. tachigaliae* (Forel)] are raised to species (stat. nov.); two species [*P. dendroicus* (Forel), *P. osurus* (Forel)] are removed from synonymy (stat. revol.); a replacement name (*P. laevifrons* Ward, nom. nov.) is provided for *P. laeviceps* (F. Smith), 1877 (nec F. Smith, 1859); and 32 new synonymies are proposed. Identities of some of the *Pseudomyrmex* species inhabiting Acacia, Tachigali, and Triplaris are clarified.*

RÉSUMÉ

*La première partie de cet travail contient un sommaire des groupes principaux d'espèces et révisions de deux tels groupes (groupe *P. oculatus*, groupe *P. subtilissimus*) dans le grand genre Neotropicaux, *Pseudomyrmex*. Onze espèces sont reconnues dans le groupe *P. oculatus*, desquelles trois sont nouvelles: *P. alustratus* Ward (de Pérou), *P. cretus* Ward (Costa Rica), et *P. pisinus* Ward (Brésil). *P. caeciliae* (Forel) est élevé à l'étage d'espèce (stat. nov.) et le nouveau synonymie suivant est proposé: *P. elongatus* (Mayr) = *P. elongatus* (Wheeler); *P. oculatus* (F. Smith) = *P. altinodus* (Mann) = *P. tuberculatus* (Enzmann) = *P. wessoni* (Enzmann); *P. urbanus* (F. Smith) = *P. chodati* (Forel) = *P. ogloblini* (Santschi). Quatre espèces*