

**The Neotropical genera *Oxycrepis* Reiche and *Stolonis* Motschulsky: a taxonomic review, key to the described species and description of new *Stolonis* species from Ecuador (Coleoptera: Carabidae: Loxandriini)**

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**Abstract**

Five species of *Stolonis* (Carabidae: Loxandriini) are newly described: *S. yasuni* Will, **sp. n.**, *S. spinosus* Will, **sp. n.**, *S. catenarius* Will, **sp. n.**, *S. tapiai* Will, **sp. n.** from Yasuni Scientific Station, Orellana Province (previously part of Napo Province), Ecuador and *S. scortensis* Will, **sp. n.** with its type locality Reserva Faunistica Cuyabeno, Sucumbios Province, Ecuador. A key to adults of *Stolonis* and *Oxycrepis* species is provided. Generic concepts for these taxa are briefly reviewed.

**Key words:** Neotropical ground beetles, species key, female reproductive tract

**Introduction**

Among Neotropical wetland-inhabiting carabid beetles, members of Loxandriini are prominent. The numerous species in the group, many of which are not easily recognized, offer a substantial taxonomic challenge. One assemblage of species distinctive from other loxandriines is that of *Oxycrepis* Reiche and its putative relatives.

*Stolonis* Motschulsky, including *Prostolonis* Mateu, is currently treated by most authors as a genus of Loxandriini and synonymous with *Oxycrepis* Reiche (Straneo 1979, Lorenz 1998). Many authors apparently have followed the idea of van Emden (1949:880) that these genera form a group separate from other loxandriines based on “the formation of the pronotum . . . which becomes Anchomenini-like, and the real hind angles . . . lie well in front of the base.” *Oxycrepis* and *Stolonis* were ranked as subgenera by van Emden (1949) and Allen and Ball (1980). Additionally, Allen and Ball (1980) discuss the variation in elytral setation and pronotal form and conclude that *Oxycrepis* is not well