



Three aviculariine genera endemic to Brazil are revised. *Typhochlaena* C. L. Koch, 1850 is resurrected, including five species; *Pachistopelma* Pocock, 1901 includes two species; and *Iridopelma* Pocock, 1901, six species. Nine species are newly described: *Typhochlaena amma* **sp. n.**, *T. costae* **sp. n.**, *T. curumim* **sp. n.**, *T. paschoali* **sp. n.**, *Pachistopelma bromelicola* **sp. n.**, *Iridopelma katiae* **sp. n.**, *I. marcoi* **sp. n.**, *I. oliveirai* **sp. n.** and *I. vanini* **sp. n.** Three new synonymies are established: *Avicularia pulchra* Mello-Leitão, 1933 and *Avicularia recifiensis* Struchen & Brändle, 1996 are junior synonyms of *Pachistopelma rufonigrum* Pocock, 1901 **syn. n.**, and *Avicularia palmicola* Mello-Leitão, 1945 is a junior synonym of *Iridopelma hirsutum* Pocock, 1901 **syn. n.** *Pachistopelma concolor* Caporiacco, 1947 is transferred to *Tapinauchenius* Ausserer, 1871, making the new combination *Tapinauchenius concolor* (Caporiacco, 1947) **comb. n.** Lectotypes are newly designed for *Pachistopelma rufonigrum* Pocock, 1901, *Iridopelma hirsutum* Pocock, 1901 and *Pachistopelma concolor* Caporiacco, 1947. Cladistic analyses using both equal and implied weights were carried out with a matrix comprising 62 characters and 38 terminal taxa. The chosen cladogram found with X-Pee-Wee and concavity 6 suggests they are monophyletic. All species are keyed and mapped and information on species habitat and area cladograms are presented. Discussion on biogeography and conservation is provided.

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**REVISION, CLADISTIC ANALYSIS  
AND BIOGEOGRAPHY OF  
TYPHOCHLAENA C. L. KOCH, 1850,  
PACHISTOPELMA POCOCK, 1901 AND  
IRIDOPELMA POCOCK, 1901 (ARANEAE,  
THERAPHOSIDAE, AVICULARIINAE)**

BY **ROGÉRIO BERTANI**



*Typhochlaena paschoali* Bertani, sp. n.

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