



The larva of *Progomphus lambertoi* Novelo-Gutiérrez, 2007 (Odonata: Gomphidae)

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Abstract

The larva of *Progomphus lambertoi* is described and illustrated; it belongs to the *obscurus*-group of *Progomphus*. It appears closely related to *P. belyshevi* Belle and *P. borealis* McLachlan based on stature and size of abdominal dorsal protuberances but is easily separated from these species by abdominal color pattern.

Key words: Description, Anisoptera, *Progomphus*, Michoacán, Mexico

Resumen

Se describe e ilustra la larva de *Progomphus lambertoi* perteneciente al grupo-*obscurus* de *Progomphus*. La larva de *P. lambertoi* parece estar cercanamente relacionada con *P. belyshevi* Belle y *P. borealis* McLachlan por el tamaño del cuerpo y de las protuberancias dorsales del abdomen; se diferencia fácilmente de estas especies por el patrón de coloración del abdomen.

Palabras clave: Descripción, Anisoptera, *Progomphus*, Michoacán, México

Introduction

At present, larvae of nine of the 12 *Progomphus* species inhabiting Mexico have been described: *P. borealis* McLachlan (Kennedy 1917), *P. clendoni* Calvert, *P. longistigma* Ris, and *P. zonatus* Hagen [supposition] (Needham 1941), *P. pygmaeus* Selys (Limongi 1983), *P. anomalus* Belle, *P. belyshevi* Belle, *P. mexicanus* Belle [supposition], and *P. risi* Williamson (Belle 1991). Belle (1991) provided a key to the ultimate stadium larvae of *Progomphus* for Central America. Here we describe the larva of *P. lambertoi* Novelo-Gutiérrez based on reared material.

Progomphus lambertoi Novelo-Gutiérrez

Figs. 1–9

Material. Four exuviae (3 ♂, reared, 1 ♀), 17 F0 larvae (9 ♂, 8 ♀). MEXICO: Michoacán; Municipality of Aguililla, Aguililla, stream Tanque Verde (1020 m), 18° 43.503 N; 102° 47.687 W, 20-II-2005, 7 larvae (2 ♂ emerged on 18-IV-2005); Municipality of Tepalcatepec, Río Pinolapa (616 m), 19° 00.524 N; 103° 01.456 W, 28-III-2005, 1 ♂ emerging in field (13 h), 1 exuviae (♀); Municipality of Coalcomán, La Chichihua (1130 m), 18° 44.812 N; 103° 13.379 W, 02-IV-2005, 11 larvae; Municipality of Apatzingán, California (280 m), 19° 06.207 N; 102° 27.786 W, 1 larva, all R. Novelo, J.A. Gómez leg. Deposited at Colección Entomológica del Instituto de Ecología, A.C., Xalapa (IEXA).