

NEW ODONATE RECORDS FROM ARGENTINA AND URUGUAY*

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Abstract – *Cyanallagma nigrinuchale* (Sel.) and *Oxyagrion brevistigma* Sel. are recorded for the first time from Argentina, and *Hetaerina rosea* Sel. from Uruguay. New Argentinian records of *H. rosea* Sel., *H. sanguinea* Sel. and *Castoraeschna decurvata* Dunkle & Cook, and some corrective notes on the previously published lists are also provided.

Introduction

The odonate checklists of Argentina and Uruguay have been provided by RODRIGUES CAPITULO (1992) and DE ABENANTE (1982), respectively. From the list of Rodrigues Capitulo (224 spp.), *Erythrodiplax minuscula* (Ramb.) should be excluded (cf. RODRIGUES CAPITULO & MUZÓN, 1990), and from that of De Abenante (51 spp.) *Argia forsteri* Calv., a junior synonym of *A. albistigma* Hag., is to be deleted.

Recently, several additions to these lists have been made, viz. *Phyllopetalia stictica* Hag. for Argentina (MUZÓN & DEBANDI, 1992); *Lestes spatula* Fraser for Uruguay (MUZÓN, 1993); *Antiagrion grinbergi* Jurzitza, *Phenes raptor* Ramb., *Gomphomacromia etcheverryi* Fraser and *Neopetalia punctata* Hag. for Argentina (MUZÓN, 1995); *Lestes auritus* Hag. for Argentina and *Lestes paulistus* Calv. for Uruguay (MUZÓN, in press).

In this paper *Cyanallagma nigrinuchale* (Sel.) and *Oxyagrion brevistigma* Sel. are recorded for the first time for Argentina, as well as *Hetaerina rosea* Sel. for Uruguay. In addition, new records for Argentina of *Hetaerina rosea*, *H. sanguinea* Sel. and *Castoraeschna decurvata* Dunkle & Cook are provided.

The specimens are deposited in the following collections: Departamento Científico de Entomología, Museo de La Plata (MLP), Instituto Miguel Lillo, Tucumán (IML) and Laboratorio de Entomología, Facultad de Ciencias Exactas y Naturales, UBA (FCEN).

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***Cyanallagma nigrinuchale* (Selys)**

Argentina: Misiones prov., Iguazú National Park, 13-IV-1991, Muzón leg., 3 ♀, 1 ♂ (MLP); – Misiones prov., San Pedro, 12-IV-1991, Muzón leg., 1 ♂ (MLP).

From the 9 species currently known for *Cyanallagma* only *C. interruptum* (Sel.) and *C. bonariense* (Ris) were previously recorded for Argentina. None of these species shares the distribution area of *C. nigrinuchale*.

***Oxyagrion brevistigma* Selys**

Argentina: Misiones prov., San Pedro, 15-XI-1973, Claps & Escobar leg., 1 ♂ (IML).

The genus *Oxyagrion* includes approximately 20 species, 6 of them are present in Argentina, mostly represented in the province of Misiones.

***Hetaerina rosea* Selys**

Argentina: Buenos Aires prov., Pergamino, Dulce stream at national road No.188, Flint & Suarez leg., 13-XII-1979, 2 ♀, 4 ♂ (MLP); – Córdoba prov., Villa General Belgrano, 7-III-1983, Mola leg., 1 ♂ (MLP); – Entre Ríos prov., El Palmar National Park, El Palmar stream, La Glorieta, IX-1988, 1 ♀, 1 ♂ (MLP).

Uruguay: Tacuarembó, 9-I-1960, Morey leg., 1 ♂ (MLP); same data except 13-I-1960, 1 ♂ (MLP).

This is the first record of Calopterygidae for Uruguay. The record for Pergamino, Buenos Aires province, is the southernmost for the family in South America.

***Hetaerina sanguinea* Selys**

Argentina: Salta prov., Salvador Mazza, XI-1986, R. Capitulo leg., 1 ♂ (MLP).

This species was listed for the first time for Argentina by FRASER (1947); nevertheless, this record should not be incorporated into the Odonata Argentinian list because, as FRASER pointed out in his second paper on Argentinian Odonata (1948), the specimen of *H. sanguinea* studied, has no collection data. Previously,

RODRIGUES CAPITULO (1992) included in his list this record without comments. GARRISON (1990) mentioned *H. sanguinea* only for Colombia, Venezuela, Brazil and Bolivia. The present record is the first available information about the presence of this species in Argentina.

***Castoraeschna decurvata* Dunkle & Cook**

Argentina: Entre Ríos prov., El Palmar National Park, XI-1982, I-1983, Angrisano leg., 1 ♀, 1 ♂, Malaise trap (FCEN).

This species was known only from a small area of 25 km radius around the type locality of Alta Gracia, Córdoba province (DUNKLE, 1988). The present record is 600 km E of the type locality. All the three localities presently known for this species (Alta Gracia, Córdoba city and El Palmar) are included in the Espinal biogeographical province (CABRERA & WILLINK, 1980), which is semicircular in shape and comprises areas within the following Argentine provinces: S of Corrientes, N of Entre Ríos, center of Santa Fe and Córdoba, center and S of San Luis, E of La Pampa and the southern portion of Buenos Aires.

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