

NEW RECORDS FOR MOSQUITO SPECIES (DIPTERA: CULICIDAE) IN ARGENTINA

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ABSTRACT. The geographical distributions for *Aedes fluviatilis*, *Culex acharistus*, *Culex apicinus*, *Culex coronator*, *Culex dolosus*, *Culex quinquefasciatus*, *Culex saltanensis*, *Psorophora paulli*, *Psorophora varinervis*, and *Uranotaenia apicalis* are extended. New records for 6 provinces of Argentina are given.

This contribution extends the geographical distribution of mosquitoes reported previously by Mitchell and Darsie (1985), Brewer et al. (1991), and Almiron (1993²) from Argentina and Córdoba Province, respectively.

Adult mosquitoes were collected using chicken-baited can traps, CDC light traps, or were aspirated from resting sites. Immatures were collected with ladles. Egg rafts were reared to obtain 4th-instar larvae or adults for identification. Male genitalia were mounted and used to identify them.

Locality, elevation in meters above sea level, collection date, number and stage of the collected specimens, and collector are listed as follows:

Aedes (Ochlerotatus) fluviatilis (Lutz). Cosquin, Córdoba Province (31°2'S, 64°4'W; 675 m); July 20, 1990; 45 larvae; collector: W. Almiron.

Culex (Culex) acharistus Root. Puerto Madryn, Chubut Province (42°46'S, 65°W; 30 m); February 6, 1994; 2 egg rafts, 3 females, 1 male; collector: W. Almiron.

Culex (Culex) apicinus Philippi. Bahía Blanca, Buenos Aires Province (38°7'S, 62°5'W; 80 m); February 23, 1991; 69 larvae; collector: W. Almiron.

Culex (Culex) coronator Dyar and Knab. Cosquin, Córdoba Province; July 1990 (1 larva), January, February, March, April 1991 (19 females); collector: W. Almiron.

Culex (Culex) dolosus (Lynch Arribalzaga). General Conesa, Río Negro Province (40°1'S, 64°2'W; 100 m); April 23, 1993; 3 egg rafts;

collector: W. Almiron. Puerto Madryn, Chubut Province; February 6, 1994; 1 egg raft, 2 larvae; collector: W. Almiron.

Culex (Culex) quinquefasciatus Say. La Paz, Entre Ríos Province (30°5'S, 59°5'W; 100 m); January 15, 1992; 5 males (DV/D ratio between 0.66 and 1.5); collector: S. Avalos.

Culex (Culex) salianensis Dyar. Sumampa, Santiago del Estero Province (29°3'S, 63°5'W; 300 m); December 5, 1987; 4 larvae; collector: W. Almiron.

Psorophora (Grabhamia) paulli Paterson and Shannon. La Para, Córdoba Province (30°54'S, 63°W; 85 m); December 18, 1991; 2 females; collector: F. Ludueña Almeida.

Psorophora (Grabhamia) varinervis Edwards. La Para, Córdoba Province; December 18, 1991; 2 females; collector: F. Ludueña Almeida.

Uranotaenia (Uranotaenia) apicalis Theobald. La Para, Córdoba Province; February 10, 1993; 3 females, 2 males; collector: F. Ludueña Almeida.

The geographical distribution for *Ae. fluviatilis* is extended to temperate zones; previously it was reported only from subtropical areas in Argentina. *Culex acharistus* is reported from Patagonia, now extending its southern limit to Chubut Province. The distribution of *Cx. dolosus* is extended to another province (Río Negro) of Patagonia. *Culex apicinus* was listed from subtropical, temperate, and arid zones, with Córdoba Province being the southern border of its distribution. At present Bahía Blanca is the southernmost limit for *Cx. apicinus*. *Culex coronator*, *Cx. quinquefasciatus*, *Cx. saltanensis*, *Ps. paulli*, *Ps. varinervis*, and *Ur. apicalis* distributions are extended to another province in the temperate zone.

Voucher specimens confirming these new records are deposited in the mosquito collection of Centro de Investigaciones Entomológicas de Córdoba.

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² Almiron, W. R. 1993. Bionomía y taxonomía de los principales mosquitos (Diptera, Culicidae) recolectados en Córdoba, con particular énfasis en el género *Culex* L., 1758. Thesis. Universidad Nacional de Córdoba.

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- Mitchell, C. J. and R. F. Darsie, Jr. 1985. Mosquitoes of Argentina. Part II. Geographic distribution and bibliography (Diptera, Culicidae). Mosq. Syst. 17: 279-360.