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## Checklist of Tabanidae (Insecta: Diptera) from Uruguay

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## Checklist of Tabanidae (Insecta: Diptera) from Uruguay

Lista de especies de Tabanidae (Insecta: Diptera) de Uruguay

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**Abstract:** The check list of Tabanidae fauna found in Uruguay is presented. We used data of previously identified species from the available bibliography, captures made by the authors, and revision of specimens deposited in the collection of Entomology, Facultad de Ciencias, Uruguay, and Museo de La Plata, Argentina. Actually, a total of 14 genera and 43 species are known in Uruguay. *Catachlorops muscosus* (Enderlein), *Chrysops brevifascia* Lutz, and *Dasybasis alticola* (Enderlein) are recorded for the first time in Uruguay.

**Keywords:** Distribution, Diversity, Horseflies, Neotropical region.

**Resumen:** Se actualiza la lista de especies de la familia Tabanidae citadas para el Uruguay. Se utilizaron datos previos tomados de la bibliografía, capturas hechas por los autores, y ejemplares de la colección de Entomología de la Facultad de Ciencias, Uruguay, y del Museo de La Plata, Argentina. Actualmente Tabanidae está representada en Uruguay por 43 especies y 14 géneros. *Catachlorops muscosus* (Enderlein), *Chrysops brevifascia* Lutz, y *Dasybasis alticola* (Enderlein) se registran por primera vez en Uruguay.

**Palabras clave:** Distribución, Diversidad, Región Neotropical, Tábanos.

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The family Tabanidae has approximately 4,300 described species, distributed in three subfamilies and 137 genera. Currently, 1,205 species are listed in 71 genera in the Neotropical region (Coscarón & Papavero, 2009; Henriques *et al.*, 2012). Of all known species, many are described on the basis of a single specimen (Fairchild & Burger, 1994).

The horseflies are of public health importance because the females of most species are hematophagous, so they can be vectors of disease and they produce discomfort to the man with their painful bites. Large density may prevent livestock from grazing and rest. Males feed on nectar. Adults live for a short time, about two months. They are raised in aquatic or semi-aquatic areas, being the larvae predators. The larval period can vary from almost a year to more than two. The pupal period lasts between four and fifteen days, pupating out of the water. There is little knowledge of the immature stages, because it is difficult to find in breeding sites (Coscarón, 1998).

The objective of this work is to provide a list of species of Tabanidae recorded in Uruguay until now.

A survey of Tabanidae species present in Uruguay was conducted, based on specimens deposited in the Entomological Collection of the

Facultad de Ciencias, Universidad de la República, Montevideo, Uruguay and Museo de La Plata, Argentina, in collections made by the authors, and records from the work of Brèthes (1907), Kröber (1926, 1934), Ruffinelli & Carbonell (1953), Fairchild (1961), Coscarón (1976a, b, 1978, 1979a, b, 1998), Coscarón & Fairchild (1976), Fairchild & Burger (1994), Martínez (1998), Bentancourt *et al.* (2009), Coscarón & Papavero (2009), Henriques (2016). The material examined was determined by S. Coscarón. The scientific names, at the level of subfamily, tribe, genus, subgenus and species, were listed in alphabetical order, according to Coscarón & Papavero (2009). The data regarding the provenance of the listed specimen, the place where it is deposited, additional information when it exists, and the data of the Types when they correspond to Uruguay are indicated. The distribution of the species is arranged alphabetically, for Uruguay it is organized alphabetically by department. In the distribution the question mark is placed after the country, as it appears in the catalog (Coscarón & Papavero, 2009), it indicates that there is no certainty that the species is registered in that country.

The following acronyms were used:

**AMNH** – American Museum of Natural History, New York

**BMNH** – The Natural History Museum, London

**DES** - Departamento de Entomología Sanitaria, Instituto Malbrán, Buenos Aires

**FCE** – Colección de Entomología, Facultad de Ciencias, Montevideo

**FSCA** – Florida State Collection of Arthropods, Gainesville, Florida

**IOC** – Instituto Oswaldo Cruz, Rio de Janeiro

**ISTH** – Institut für Schiffs- und Tropenkrankheiten, Hamburg

**MLP** – Museo de La Plata, La Plata.

**MLUH** – Wissenschaftlich Zoologie, Bereits Biowissenschaften, Martin Luther Universität, Halle am den Saale.

**MNHNP** – Muséum National d'Histoire Naturelle, Paris.

**MNHUB** – Nuseum für Naturkunde der Humboldt-Universität, Berlin.

**NMW** – Naturhistorisches Museum, Wien.

**USNM** – National Museum of Natural History, Smithsonian Institution, Washington, D.C.

So far, 43 species of Tabanidae belonging to 14 genera, six tribes and three subfamilies have been determined in Uruguay. In 19 cases the specimens were collected in the XIX or early XX century, in trips of naturalists to South America, in 12 of them the type locality of the species is Uruguay, finding the types, in general, in European collections. The greatest number of species belongs to the genera *Tabanus* (n = 13) and *Chrysops* (n = 10). Montevideo is the department with the most registered species (n = 21). *Catachlorops muscosus* (Enderlein), *Chrysops brevifascia* Lutz, and *Dasybasis alticola* (Enderlein) are recorded for the first time in Uruguay.

## Family Tabanidae Latreille, 1802

### Subfamily Chrysopsinae Blanchard, 1840

#### Tribe Chrysopsini Blanchard, 1840

#### Genus *Chrysops* Meigen, 1803

#### *Chrysops berta* Pechuman, 1940

**Records from Uruguay.** Henriques (2016: 163) (Río Negro, ♀, AMNH).

**Distribution.** Argentina, Brazil, Uruguay (Río Negro).

#### *Chrysops brevifascia* Lutz, 1909

**Records from Uruguay.** New record

**Material Examined.** Artigas, Arrocería Conti, 13-I-1978, leg. Franca, 1 ♀, FCE-Dip.0370. Idem except 4-III-1984, 1 ♀, FCE-Dip.0371.

**Distribution.** Argentina, Bolivia, Brazil, Paraguay, Uruguay (Artigas).

#### *Chrysops flinti* Coscarón, 1979

**Records from Uruguay.** Coscarón (1979b: 376) (Montevideo, Carrasco, II-1976, leg. Trujillo-Cenoz, 5 ♀, paratypes, MLP).

**Distribution.** Argentina, Uruguay (Montevideo).

#### *Chrysops nigricorpus* Lutz, 1911

**Records from Uruguay.** Kröber (1926: 326-327) and Ruffinelli & Carbonell (1953: 64) as *Chrysops helleri* Kröber, 1926 (synonymous) (Montevideo).

**Distribution.** Argentina, Brazil, Paraguay, Uruguay (Montevideo).

#### *Chrysops patricia* Pechuman, 1954

**Records from Uruguay.** Henriques (2016: 165) (Tacuarembó, 1 ♀, AMNH).

**Distribution.** Argentina, Bolivia, Brazil, Paraguay, Uruguay (Tacuarembó).

*Chrysops trisignatus* Kröber, 1926

**Records from Uruguay.** *C. trisignatus* Kröber, 1926: 336. Type-locality. Uruguay, Montevideo. Holotype ♂ [MNHUB]. Henriques (2016: 166) (20 Km SE Melo, Tacuari river, Det. Fairchild, 1977, 1 ♀, AMNH).

**Distribution.** Uruguay (Cerro Largo, Montevideo).

*Chrysops uruguayensis* Lutz, 1909

**Records from Uruguay.** *C. uruguayensis* Lutz, 1909: 687. Type-locality. Uruguay, Tacuarembó. Lectotype ♀ [IOC]. Fairchild (1961: 210) labeled the specimens observed by Lutz as lectotype (♀, T-1361, IOC) and paratype (♀, T-1360, IOC). Bentancourt et al. (2009: 412) (without data).

**Distribution.** Argentina, Paraguay?, Uruguay (Tacuarembó).

*Chrysops varians* Wiedemann, 1828

**Records from Uruguay.** Kröber (1926: 342) as *C. laetus* var. (Montevideo). Ruffinelli & Carbonell (1953: 64) as *C. laeta* (in error). Coscarón (1979b: 385) (Rivera, Sierra de la Aurora, 12-26-III-1971, leg. Lab. Ent. Fac. Agron., 2 ♀, MLP). Henriques (2016: 166) (Treinta y Tres, ♀, AMNH).

**Material Examined.** Treinta y Tres, Olimar Chico river, 19-IV-1963, leg. J.K. Bouseman, 1 ♀, MLP.

**Distribution.** Argentina, Brazil, Colombia, Ecuador, Guyana, Panama, Paraguay, Perú, Trinidad, Uruguay (Montevideo, Rivera, Treinta y Tres), Venezuela.

*Chrysops variegatus* (De Geer, 1776)

**Records from Uruguay.** Henriques (2016: 166) (AMNH, without locality).

**Distribution.** West Indies, southern Mexico to Argentina, Uruguay.

*Chrysops variegatus* ssp. *lynchii* Brèthes, 1910

**Records from Uruguay.** *C. variegatus* lynchii Brèthes, 1910: 474 (Río Negro, without other data). Henriques (2016: 166) (Treinta y Tres, AMNH).

**Material Examined.** Río Negro, 6-I-1963, leg. R.G. Van Gelder, 1 ♀, MLP.

**Distribution.** Argentina, Bolivia, Brazil, Paraguay, Uruguay (Río Negro, Treinta y Tres).

*Chrysops* sp.

**Records from Uruguay.** Henriques (2016: 166) (Río Negro; Tacuarembó, AMNH).

*Subfamily Pangoniinae Rondani, 1856*

*Tribe Pangoniini Rondani, 1856*

*Genus Esenbeckia Rondani, 1863*

*Subgenus Esenbeckia Rondani, 1863*

*Esenbeckia (Esenbeckia) esenbeckii (Wiedemann, 1830)*

**Records from Uruguay.** Coscarón (1976a:104) (without locality).

**Distribution.** Argentina, Brazil, Paraguay, Uruguay.

*Tribe Sepsidini Bequaert, 1930*

*Genus Sepsis Walker, 1850*

*Sepsis nivalis Walker, 1850*

**Records from Uruguay.** Brèthes (1907: 284) (Montevideo, without other data). Coscarón (1976a: 112) (Montevideo, Carrasco, 8-III-1928, leg. Tremoleras, 1 ♂, 1 ♀, MLP. Maldonado, Punta del Este, 1 ♀, MLP.). Bentancourt et al. (2009: 412) (without data).

**Distribution.** Argentina?, Brasil, Uruguay (Maldonado, Montevideo).

*Tribe Scionini Enderlein, 1922*

*Genus Fidena Walker, 1850*

*Subgenus Fidena Walker, 1850*

*Fidena (Fidena) abominata Philip, 1941*

**Records from Uruguay.** Coscarón (1998: 349) as *Fidena abdominata* (without locality).

**Distribution.** Argentina, Brazil, Uruguay.

*Fidena (Fidena) sorbens* (Wiedemann, 1828)

**Records from Uruguay.** *Pangonia sorbens* Wiedemann, 1828: 93. Type-locality. Uruguay, Montevideo. Lectotype ♀ [NMW].

**Material Examined.** Artigas, Rica Island, 13-XI-1978, leg. Franca, 5 ♀, FCE-Dip.0372-0376. Rocha, Boca del Sarandí swamp, 16-II-1995, leg. Martínez, 1 ♂, FCE-Dip.0377. Salto, Redonda Island, 11-I-1978, leg. Franca, 1 ♀, FCE-Dip.0378.

**Distribution.** Argentina, Bolivia, Brazil, Paraguay, Uruguay (Artigas, Montevideo, Rocha, Salto).

*Subfamily Tabaninae Latreille, 1802*

*Tribe Diachlorini Lutz, 1909*

*Genus Acanthocera Macquart, 1834*

*Subgenus Acanthocera Macquart, 1834*

*Acanthocera (Acanthocera) exstincta* (Wiedemann, 1828)

**Records from Uruguay.** *Haematopota exstincta* Wiedemann, 1828: 214. Type-locality. Uruguay, Montevideo. Lectotype female [NMW]. Coscarón (1978: 30) (Artigas, Cuareim river, Sepulturas, 11-XII-1966, leg. Carbonell, Monné, San Martín, 1 ♀, MLP).

**Distribution.** Argentina, Uruguay (Artigas, Montevideo).

*Genus Catachlorops Lutz, 1913*

*Subgenus Amphichlorops Lutz, 1913*

*Catachlorops (Amphichlorops) flavus* (Wiedemann, 1828)

**Records from Uruguay.** *Tabanus flavus* Wiedemann, 1828: 163. Type-locality. Uruguay, Montevideo. Holotype ♀ [NMW].

**Distribution.** Argentina, Brazil, Paraguay, Uruguay (Montevideo).

*Subgenus Catachlorops Lutz, 1913*

*Catachlorops (Catachlorops) circumfusus* (Wiedemann, 1830)

**Records from Uruguay.** As *Tabanus pictipennis* Macquart, 1850: 336 (synonymous). Type-locality of *T. pictipennis*. Uruguay, Maldonado. Holotype ♀ [MNHNP].

**Distribution.** Brazil, Paraguay, Uruguay (Maldonado).

*Catachlorops (Catachlorops) psolopterus (Wiedemann, 1828)*

**Records from Uruguay.** *Tabanus psolopterus* Wiedemann, 1828: 181. Type-locality. Uruguay, Montevideo. Lectotype ♀ [NMW].

**Distribution.** Brazil, Uruguay (Montevideo).

*Subgenus Rhamphidommia Enderlein, 1922*

*Catachlorops (Rhamphidommia) muscosus (Enderlein, 1925)*

**Records from Uruguay.** New record

**Material Examined.** Tacuarembó, 2-9-II-1963, leg. J.K. Bouseman, 1 ♀, MLP.

**Distribution.** Argentina, Brazil, Uruguay (Tacuarembó).

*Catachlorops sp. aff. muscosus*

**Records from Uruguay.** Martínez (1998: 137) (Rivera, Las Yeguas glen, 30-X-1995, leg. Martínez, 1 ♀, MLP).

*Genus Chlorotabanus Lutz, 1913*

*Chlorotabanus parviceps (Kröber, 1934)*

**Records from Uruguay.** Coscarón (1976b: 50) (Rivera, Sierra de la Aurora, 12-I-1971, leg. Lab. Ent. Fac. Agron., 6 ♀, MLP).

**Material Examined.** Rocha, Boca del Sarandí swamp, 18-XI-1994, leg. Martínez, 1 ♀, FCE-Dip.0379.

**Distribution.** Argentina, Brazil, Guyana, Paraguay, Perú, Uruguay (Rivera, Rocha).

*Genus Dasybasis Macquart, 1847*

*Dasybasis alticola (Enderlein, 1925)*

**Records from Uruguay.** New record.

**Material Examined.** Rocha, Santa Teresa, 11-III-77, Shannon trap, leg. Freire, Solari, Franca, 2 ♀, FCE-Dip.0380-0381.

**Distribution.** Argentina, Uruguay (Rocha).

*Dasybasis minor (Macquart, 1850)*

**Records from Uruguay.** Fairchild & Burger (1994: 66, Catalogue). Henriques (2016: 167) (♀, Det. Coscarón, 1965, AMNH, without locality).



**Material Examined.** Montevideo, Santa Lucía river, XII-1969-I-1970, leg. Franca, 6 ♀, MLP. Montevideo, Pantanoso stream, 20-XII-1990, on horse, leg. Martínez, Achaval, 1 ♀, FCE-Dip.0382. Rocha, Sarandí del Consejo swamp, 17-III-1995, leg. Martínez, 2 ♀, FCE-Dip.0383-0384.  
**Distribution.** Argentina, Uruguay (Montevideo, Rocha).

*Dasybasis trigonophora* (Macquart, 1838)

**Records from Uruguay.** *Tabanus trigonophora* Macquart, 1838: 185. Type-locality. Uruguay, from mouth of Uruguay river, to Río Grande do Sul (as "Brésil, depuis l'embouchure de l'Uruguay jusqu' aux Missions"). Holotype ♀ [MNHN]. As *Tabanus rubescens* Macquart, 1838: 143 (synonymous). Type-locality of *T. rubescens*. Uruguay, Montevideo. Holotype ♀ [MNHN]. As *Tabanus (Agelanius) ruficaudis* Kröber, 1931: 291 (synonymous). Type-locality of *T. ruficaudis*. Uruguay, Montevideo. Holotype ♀ [MNHUB].

**Distribution.** Argentina, Uruguay (Montevideo).

*Dasybasis* sp.

**Records from Uruguay.** Henriques (2016: 167) (Cerro Largo, ♀, AMNH).

*Genus Dichelacera* Macquart, 1838

*Subgenus Dichelacera* Macquart, 1838

*Dichelacera (Dichelacera) multiguttata* Lutz, 1915

**Records from Uruguay.** Henriques (2016: 168) (Tacuarembó, Det. Henriques, 2013, 1 ♀, AMNH).

**Distribution.** Argentina, Brazil, Uruguay (Tacuarembó).

*Dichelacera (Dichelacera) unifasciata* Macquart, 1838

**Records from Uruguay.** As *Dichelacera trigonotaenia* Lutz, 1915: 89-90 (synonymous) (Tacuarembó). Fairchild (1961: 216) labeled the specimen observed by Lutz as paratype (T-474, IOC).

**Material Examined.** Cerro Largo, Sierra de Vaz, Tacuarí river, 15-III-1963, leg. J.K. Bouseman 1 ♀, MLP. Rivera, Sierra de la Aurora, 12-16-III-1971, leg. Lab. Ent. Fac. Agron., 4 ♀, MLP.

**Distribution.** Argentina, Bolivia, Brazil, Paraguay, Uruguay (Cerro Largo, Rivera, Tacuarembó).

*Genus Lepiselaga Macquart, 1838*

*Subgenus Conoposelaga Barretto, 1949*

*Lepiselaga (Conoposelaga) albitarsis Macquart, 1850*

**Records from Uruguay.** Kröber (1934: 252, catalogue) and Coscarón & Papavero (2009: 94, catalogue).

**Material Examined.** Artigas, in front of Paredón Island, 15-XI-1978, leg. Franca, 1 ♀, FCE-Dip.0385. Rocha, Sarandí del Consejo swamp, 17-III-1995, leg. Martínez, 1 ♀, FCE-Dip.0386.

**Distribution.** Argentina, Brazil, Paraguay, Uruguay (Artigas, Rocha).

*Genus Stenotabanus Lutz, 1913*

*Subgenus Stenotabanus Lutz, 1913*

*Stenotabanus (Stenotabanus) brunnipennis Kröber, 1930*

**Records from Uruguay.** *S. brunnipennis* Kröber, 1930: 78. Type-locality. Uruguay, Montevideo. Holotype ♀ destroyed [ISTH].

**Distribution.** Same Holotype.

*Genus Stibasoma Schiner, 1867*

*Subgenus Stibasoma Schiner, 1867*

*Stibasoma (Stibasoma) theotaenia (Wiedemann, 1828)*

**Records from Uruguay.** *S. theotaenia* Wiedemann, 1828: 136. Type-locality. Uruguay, Montevideo. Lectotype ♀ [NMW].

**Distribution.** Argentina, Brazil, Paraguay, Uruguay (Montevideo).

*Tribe Tabanini Latreille, 1802*

*Genus Poeciloderas Lutz, 1921*

*Poeciloderas lindneri (Kröber, 1929)*

**Records from Uruguay.** As *Agelanius maculipennis* Enderlein, 1925: 379 (preocc. Wiedemann, 1838, synonymous). Type-locality of *A. maculipennis*. Uruguay, Montevideo. Holotype ♀ [MNHUB]. Coscarón & Fairchild (1976: 279) (Colonia, Nueva Palmira, MLP). Henriques (2016: 175) (Río Negro; Tacuarembó, Det. Henriques, 2013, 20 ♀, AMNH).

**Material examined.** Cerro Largo, Sierra de Vaz, Tacuarí river, 23-26-III-1963, leg. J.K. Bouseman, 1 ♀, MLP. Río Negro, 27-II-1962, leg. R.G. Van Gelder, 3 ♀, MLP. Treinta y Tres, 10-XI-1981, leg. Coscarón, 1 ♀, MLP.

**Distribution.** Argentina, Brazil, Paraguay, Uruguay (Cerro Largo, Colonia, Montevideo, Río Negro, Tacuarembó, Treinta y Tres).

*Poeciloderas quadripunctatus* (Fabricius, 1805)

**Records from Uruguay.** Kröber (1934: 298, catalogue) and Coscarón & Papavero (2009: 121, catalogue). Henriques (2016: 175) (Cerro Largo; Río Negro, AMNH).

**Material examined.** Artigas, in front of Paredón Island, 15-XI-1978, leg. Franca, 2 ♀, FCE-Dip.0387-0388.

**Distribution.** Mexico to Argentina, Uruguay (Artigas, Cerro Largo, Río Negro).

*Poeciloderas sp. aff. lindneri*

**Material examined.** Montevideo, Pantanoso stream, 20-XII-1990, on horse, leg. Martínez, Achaval, 1 ♀, FCE-Dip.0389.

*Genus Tabanus Linnaeus, 1758*

*Tabanus acer* Brèthes, 1910

**Records from Uruguay.** Coscarón (1979a: 255-257) (Maldonado, Balneario Las Flores, II-1976, leg. Trujillo-Cenoz, 2 ♀, MLP). Henriques (2016: 177) (Cerro Largo, ♀, AMNH).

**Distribution.** Argentina, Brazil, Uruguay (Cerro Largo, Maldonado).

*Tabanus angustus* Macquart, 1838

**Records from Uruguay.** *T. angustus* Macquart, 1838: 140. Type-locality. Uruguay, Montevideo. Holotype ♀ [MNHN]. Coscarón (1979a: 267-268) (Maldonado, Balneario Las Flores, II-1976, leg. Trujillo-Cenoz, 2 ♀, MLP). Henriques (2016: 178) (Cerro Largo; Tacuarembó, ♀ ♀, AMNH).

**Distribution.** Argentina, Uruguay (Cerro Largo, Maldonado, Montevideo, Tacuarembó).

*Tabanus campestris* Brèthes, 1910

**Records from Uruguay.** As *Atylotus rubescens* Bigot, 1892: 663 (synonymous). Type-locality of *A. rubescens*. "Uruguay" Syntypes ♀ [BMNH]. Coscarón (1979a: 269) (Uruguay, Cupalen, 2-XII-1952, leg.

Del Ponte, 2 ♀, DES, in error, Cupalen is a locality of Argentina, Province of Entre Ríos). Henriques (2016: 179) (Río Negro, Det. Coscarón, 1963. 2 ♀, AMNH).

**Distribution.** Argentina, Uruguay (Río Negro).

*Tabanus claripennis* (Bigot, 1892)

**Records from Uruguay.** As *Tabanus (Agelanius) frontosus* Kröber, 1931: 279 (synonymous). Type-locality of *T. frontosus*. Uruguay, Montevideo. Holotype ♀ [MLUH?]. Henriques (2016: 179) (Río Negro, AMNH).

**Material examined.** Artigas, Arrocería Conti, 9-II-1978, leg. Franca, 1 ♀, FCE-Dip.0390. Artigas, Bella Unión, Lenguazo stream, 18-X-1984, leg. Coscarón, 1 ♀, MLP. Rocha, Potrero Grande swamp, 14-XII-1994, leg. Martínez, 1 ♀, FCE-Dip.0391.

**Distribution.** West Indies, Costa Rica to Paraguay, Argentina, Brazil, Chile, Uruguay (Artigas, Montevideo, Río Negro, Rocha).

*Tabanus corpulentus* Brèthes, 1910

**Records from Uruguay.** Coscarón (1998: 352) (without locality).

**Distribution.** Argentina, Brazil, Paraguay, Uruguay.

*Tabanus fuscofasciatus* Macquart, 1838

**Records from Uruguay.** As *Tabanus hilarii* Macquart, 1838: 185 (synonymous). Type-locality of *T. hilarii*. Uruguay, from the mouth of Uruguay river, to Río Grande do Sul (as "Brésil, depuis l'embouchure de l'Uruguay jusqu' aux Missions"). Syntypes ♀ [MNHNP]. As *Tabanus tacitus* Hine, 1920: 191 (synonymous). Type-locality of *T. tacitus*. Uruguay, Montevideo. Holotype ♀ [USNM]. Coscarón (1979a: 260) (Montevideo, 1 ♀, FSCA. Rivera, Sierra de la Aurora, 12-26-III-1971, leg. Lab. Ent. Fac. Agron., 3 ♀, MLP). Henriques (2016: 180) (Cerro Largo; Isla Cambama, in error, there is no island with that name in the country; Palmira; Río Negro; ♀ ♀, AMNH).

**Distribution.** Argentina, Bolivia, Brazil, Paraguay, Uruguay (Cerro Largo, Colonia, Montevideo, Río Negro, Rivera).

*Tabanus fuscus* Wiedemann, 1819

**Records from Uruguay.** As *Tabanus impressus* Wiedemann, 1828: 126 (synonymous). Type-locality of *T. impressus*. Uruguay, Montevideo. Holotype ♀ [NMW]. As *Tabanus monochroma* Wiedemann, 1828: 555 (synonymous). Type-locality of *T. monochroma*. Uruguay, Montevideo. Lectotype ♂ [NMW].

**Distribution.** Argentina, Brazil, Uruguay (Montevideo).

*Tabanus nebulosus ssp. ornativentris* (Kröber, 1929)

**Records from Uruguay.** Henriques (2016: 181) (Río Negro, ♀, AMNH).

**Distribution.** Argentina, Bolivia, Brasil, Uruguay (Río Negro).

*Tabanus occidentalis* Linnaeus, 1758

**Records from Uruguay.** Brèthes (1907: 284) (Montevideo, without other data), as *Tabanus dorsiger* Wiedemann, 1821: 83 (synonymous).

**Distribution.** Mexico to Argentina, Uruguay (Montevideo).

*Tabanus pungens* Wiedemann, 1828

**Records from Uruguay.** *T. pungens* Wiedemann, 1828: 175. Type-locality. Uruguay, Montevideo. Lectotype ♀ [NMW]. Henriques (2016: 182) (Tacuarembó, ♀, AMNH).

**Material Examined.** Artigas, Cuareim river, Sepulturas, 11-II-1966, leg. Carbonell, Monné, San Martín, 1 ♀, MLP. Artigas, in front of Paredón Island, 15-XI-1978, leg. Franca, 1 ♀, FCE-Dip.0392. Treinta y Tres, 10-XI-1981, leg. Coscarón, 1 ♀, MLP.

**Distribution.** U.S.A. (Texas), Neotropics (except West Indies and Chile), Trinidad, Uruguay (Artigas, Montevideo, Tacuarembó, Treinta y Tres).

*Tabanus sorbillans* Wiedemann, 1828

**Records from Uruguay.** Henriques (2016: 183) (Río Negro, ♀, AMNH).

**Distribution.** Brazil, Colombia, Paraguay, Trinidad, Uruguay (Río Negro), Venezuela.

*Tabanus triangulum* Wiedemann, 1828

**Records from Uruguay.** As *Tabanus* (*Neotabanus*) *uruguayensis* Kröber, 1933: 346 (preocc. Arribáizaga, 1882, synonymous). Type-locality of *T. uruguayensis*. Uruguay, Montevideo. Holotype ♀ [MLUH?], Paratype? ♀ [NMW]. Martínez (1998: 137) (Rivera, Gajo del Lunarejo stream, 22-II-1996, leg. Martínez, 1 ♀, MLP). Bentancourt et al. (2009: 412) (without data). Henriques (2016: 184) (Cerro Largo; Río Negro, AMNH).

**Material examined.** Artigas, Rica Island, 13-XI-1978, leg. Franca, 2 ♀, FCE-Dip.0393-0394. Artigas, in front of Paredón Island, 15-XI-1978, leg. Franca, 1 ♀, FCE-Dip.0395. Rivera, Sierra de la Aurora, Aurora stream, 12-16-III-1971, leg. Lab. Ent. Fac. Agr., 1 ♀, MLP. Rocha, Boca del Sarandí swamp, 15-XII-1994, leg. Martínez, 2 ♀,

FCE-Dip.0396-0397. Rocha, Potrero Grande swamp, 14-XII-1994, leg. Martínez, 1 ♀, FCE-Dip.0398.

**Distribution.** Argentina, Bolivia, Brazil, Paraguay, Uruguay (Artigas, Cerro Largo, Montevideo, Río Negro, Rivera, Rocha).

*Tabanus varipes* Walker, 1837

**Records from Uruguay.** *T. varipes* Walker, 1837: 337. Type-locality. Uruguay, Gorriti Island. Holotype ♀ [BMNH]. Bentancourt et al. (2009: 412) (without data).

**Distribution.** Uruguay (Maldonado).

*Tabanus* sp.

**Records from Uruguay.** Henriques (2016: 184) (Río Negro, AMNH).

*Unrecognized Tabanidae*

*Tabanus curticornis* Kröber, 1931

Type-locality. Uruguay, Montevideo. Holotype ♀ destroyed [ISTH].

The Tabanidae family is still superficially known in Uruguay. Although the highest number of species was recorded in Montevideo, 49% (n = 21) of them were collected in the XIX or early XX century. Currently, the capital of the country has approximately one and a half million inhabitants and a large urbanization; it would have to be confirmed if this diversity continues to exist, making new collections, especially in the rural area of the department. Of the 19 cases, specimens were collected in the XIX or early XX century on trips of naturalists to South America, in only seven species new specimens could be examined, from the same locality or other sources, which reveals the great work of collection that remains to be done. It is necessary to carry out new collection campaigns to cover information gaps in many departments of the country. The present list of horseflies will serve as the basis for future studies of the biodiversity of the family in Uruguay.

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## LITERATURE CITED

- Bentancourt, C., Scatoni, I., & Morelli, E. (2009) *Insectos del Uruguay*. Facultad de Agronomía & Facultad de Ciencias, Universidad de la República. Uruguay.
- Brèthes, J. (1907) Catálogo de los Dípteros de las Repúblicas del Plata. *Anales del Museo Nacional de Buenos Aires*, **16**, 277-305.
- Coscarón, S. (1976a) Contribución al conocimiento de los Tabanidae Neotropicales, II. Los Pangoniini del Sur de Sudamérica y datos sobre la tribu Scepsidini. *Revista del Museo de La Plata*, **12**(114), 75-116.
- Coscarón, S. (1976b) Notas sobre tabánidos argentinos XIV. Sobre los géneros *Diachlorus* Osten Sacken, *Stibasoma* Schiner, *Stypommisa* Enderlein, *Cryptotylus* Lutz y *Chlorotabanus* Lutz (Diptera). *Revista de la Sociedad Entomológica Argentina*, **35**(1-4), 39-50.
- Coscarón, S. (1978) Notas sobre tabánidos argentinos XVII. Los géneros *Phaeotabanus* Lutz y *Acanthocera* Macquart en la Argentina (Tabanidae: Diptera). *Revista de la Sociedad Entomológica Argentina*, **37**(1-4), 27-32.
- Coscarón, S. (1979a) Notas sobre tabánidos argentinos XV. El género *Tabanus* Linnaeus. *Obra Centenaria del Museo de la Plata*, **6**, 251-278.
- Coscarón, S. (1979b) Notas sobre tabánidos argentinos XVI. El género *Chrysops* Meigen (Diptera, Insecta). *Acta Zoológica Lilloana*, **35**, 365-392.
- Coscarón, S. (1998) Tabanidae. *Biodiversidad de Artrópodos Argentinos* (eds. Morrone, J.J., & Coscarón, S.), pp. 341-352. Ediciones Sur, La Plata.
- Coscarón, S., & Fairchild, G.B. (1976) El género *Poeciloderas* Lutz en Argentina (Tabanidae: Diptera). *Physis*, **35**(91), 293-301.
- Coscarón, S., & Papavero, N. (2009) Catalogue of Neotropical Diptera. Tabanidae. *Neotropical Diptera*, **16**, 1-199.
- Fairchild, G.B. (1961) The Adolpho Lutz Collection of Tabanidae (Diptera). I. The described genera and species, condition of the collection, and selection of lectotypes. *Memórias do Instituto Oswaldo Cruz*, **59**(2), 185-250.
- Fairchild, G.B., & Burger, J.F. (1994) A catalog of the Tabanidae (Diptera) of the Americas South of the United States. *Memoirs of the American Entomological Institute*, **55**, 1-249.
- Henriques, A.L. (2016) Tabanidae (Diptera) of the American Museum of Natural History Collection. *Zootaxa*, **4137**(2), 151-186.
- Henriques, A.L., Krolow, T.K., & Rafael, J.A. (2012) Corrections and additions to Catalogue of Neotropical Diptera (Tabanidae) of Coscarón & Papavero (2009). *Revista Brasileira de Entomologia*, **56**(3), 277-280.
- Kröber, O. (1926) Die *Chrysops*-Arten Süd-und Mittelamerikas nebst den Arten der Inselwelt und Mexikos. *Konowia*, **4**, 319-375.
- Kröber, O. (1934) Catalogo dos Tabanidae da America do Sul e Central, incluindo o Mexico e as Antilhas. *Revista de Entomologia*, **4**(2-3), 222-276, 291-333.
- Martínez, M. (1998) Relevamiento de Artrópodos. Cuenca Superior del Arroyo Lunarejo. (Coord. Berrini, R.), pp. 121-142. Ministerio de Vivienda,

Ordenamiento Territorial y Medio Ambiente (MVOTMA) - Dirección Nacional de Medio Ambiente (DINAMA). Sociedad Zoológica del Uruguay (SZU). Montevideo.

Ruffinelli, A., & Carbonell, C.S. (1953) Segunda lista de insectos y otros artrópodos de importancia económica en el Uruguay. *Revista de la Asociación de Ingenieros Agrónomos*, **94**, 33-82.