



Revista de la Sociedad Entomológica Argentina  
ISSN: 0373-5680  
ISSN: 1851-7471  
santiago@cepave.edu.ar  
Sociedad Entomológica Argentina  
Argentina

## The type specimens of Tachinidae (Diptera) housed in the Museo de La Plata, Argentina

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**TORRES-DOMINGUEZ, Diana M.; PATITUCCI, Luciano D.; MULIERI, Pablo R.**

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Revista de la Sociedad Entomológica Argentina, vol. 79, no. 3, 2020

Sociedad Entomológica Argentina, Argentina

**Available in:** <https://www.redalyc.org/articulo.oa?id=322063447002>

# The type specimens of Tachinidae (Diptera) housed in the Museo de La Plata, Argentina

Especímenes tipo de Tachinidae (Diptera) depositados en el Museo de La Plata, Argentina

Diana M. TORRES-DOMINGUEZ  
dianamarcela24@gmail.com

*Museo Argentino de Ciencias Naturales "Bernardino Rivadavia"*  
MACN., Argentina

Luciano D. PATITUCCI

*Museo Argentino de Ciencias Naturales "Bernardino Rivadavia"*  
MACN., Argentina

Pablo R. MULIERI

*Museo Argentino de Ciencias Naturales "Bernardino Rivadavia"*  
MACN., Argentina

Revista de la Sociedad Entomológica Argentina, vol. 79, no. 3, 2020

Sociedad Entomológica Argentina, Argentina

Received: 06 March 2020

Accepted: 11 June 2020

Published: 28 September 2020

Redalyc: <https://www.redalyc.org/articulo.oa?id=322063447002>

**Abstract:** The type specimens of Tachinidae (Diptera) housed in the entomological collection of the Museo de La Plata were examined and listed. The collection contains 47 type specimens consisting of 32 species described by E.E. Blanchard and three described by R. Cortés. Comparison of their original descriptions with the label information reveals the existence of 25 holotypes, 19 syntypes and three paratypes. Complete information is given for each type, including reference to the original description, label data, and preservation condition. A second list is added with specimens labeled as types, but not originally designated as such.

**Keywords:** Calyptratae, Collection, Holotype, Tachinid, Taxonomy.

**Resumen:** Se provee un listado de los especímenes tipo de Tachinidae (Diptera) depositados en la colección entomológica del Museo de La Plata. La colección contiene 47 especímenes tipo de los cuales 32 especies fueron descritas por E.E. Blanchard y tres especies descritas por R. Cortés. La comparación de las descripciones originales con la información proveniente de las etiquetas revela la existencia de 25 holotipos, 19 sintipos y tres paratipos. Se proporciona información completa para cada tipo, incluida la referencia a la descripción original, los datos de la etiqueta y la condición de conservación. Además, se incluye un listado con especímenes etiquetados como tipos, pero que originalmente no fueron designados como tal.

**Palabras clave:** Calyptratae, Colección, Holotipo, Taquíno, Taxonomía.

## INTRODUCTION

Tachinidae comprise about 8,600 described species and is one of the most diverse families of Diptera, with knowledge of their Neotropical fauna vastly underestimated, and with high amount of taxonomic work still needed on name-bearing types (O'Hara et al., 2020). The information concerning type material housed in institutions is useful for taxonomic and biodiversity research. The compilation of this information has been

recommended by the International Code of Zoological Nomenclature (Recommendation 72F.4, ICZN, 1999). In the case of tachinids, O'Hara (2008) noted that the catalogue of the Neotropical Tachinidae (Guimarães, 1971) lacks primary type data for the included nominal species (number, sex, and depository of holotypes, syntypes, lectotypes and neotypes). The entomological collection of the Museo de La Plata (MLPA) houses many of the type specimens of Tachinidae described by Everard Eells Blanchard and a few species described by Raúl Cortés, thus being one of the main repositories of type material of this family in Argentina.

Everard E. Blanchard (1895-1971) was considered the most significant dipterist of Argentina in the past century, with 24 works on Tachinidae including descriptions of 121 nominal species. Among them, the monograph entitled “Los dípteros muscoideos del Museo de La Plata” which was published in two parts, contains the description of a large number of species for which the types are housed in MLPA (Blanchard, 1941, 1943). Similarly, Raul Cortés (1915-2001) who worked mainly on the tachinids of Chile (from the mid-1940s to the 1990s), described three species from Argentina (Cortés, 1979) for which the types are in MLPA.

This work is part of a larger project on the study of nominal species of Calyptratae and their types housed in Argentinean institutions (Mulieri et al., 2010, 2013; Patitucci et al., 2011, 2015). The aim of this contribution is to provide accurate information on the types of Tachinidae housed in the MLPA.

## MATERIAL AND METHODS

The list of type series is arranged alphabetically by available species-group name. For each specific name the following information is given: original publication, locality, number and sex of the type specimens arranged by type category (*i.e.*, holotype, lectotype, syntypes, paratypes, and paralectotypes), label data, and condition of specimens. All labels are quoted *verbatim*, with lines separated by a slash, different labels separated by a semicolon, and comments given in brackets.

As Mulieri et al. (2013) pointed out, Blanchard used a mixture of “holotipo”, “tipos”, “cotipos” and “paratipos” in his descriptions and was often imprecise about the number and sex of the specimens in the type series. According to the Article 73.2 of the Code (ICZN, 1999), Blanchard's cotypes and paratypes are all syntypes because a holotype was not designated. Allotypes (“alotipos”) were occasionally designated and have the same status as paratypes under the Code. In such cases, notes referring to the type categories used by Blanchard in his original publications are included.

Notes are included to describe the composition of the original type series, the current valid name of each taxon, and bibliographic reference to nomenclatural changes and current placement. Also listed are the specimens that were labeled or mentioned as type material but do not match the published data given for the types of the species in the

original description. This information is provided to avoid the possible misinterpretation of the status of these specimens by future workers.

The following institutions are mentioned in the text (acronyms in parentheses): Colección Facultad de Agronomía, Santiago, Chile (CFA); Museo Argentino de Ciencias Naturales “Bernardino Rivadavia”, Buenos Aires, Argentina (MACN); Museo de La Plata, Buenos Aires, Argentina (MLPA).

## RESULTS - Catalogue of types

*albilineata* [*Vibrissomyia*]. Blanchard, 1943: 152–155.

Argentina: Santa Cruz, Valle Tunel.

**SYNTYPES:** one female, pinned; “Valle Tunel / Santa Cruz” handwritten on white paper; “Cotipo” handwritten on blue paper, black frame; “*Vibrissomyia* / *albilineata* / Blnchd [handwritten] / det. E.E. Blanchard [printed]” on white paper, black frame; “3339” handwritten on white paper; “Museo La Plata” printed on white paper. **Two** females, pinned; “Valle Tunnel / Santa Cruz” handwritten on white paper; “Cotipo” handwritten on blue paper, black frame; “3339” handwritten on white paper; “Museo La Plata” printed on white paper.

*Note:* Blanchard (1943) described the species based on three syntypes (as “Cotipos”) of both sexes, providing an extensive description of the female and only a brief comment on the male. The three specimens here examined are females, while the male is still unrecovered. It is presumed that Blanchard made a mistake and had three females and not both sexes. Currently treated as a synonym of *Vibrissomyia lineolata* Bigot (Guimarães, 1971).

*aldrichi* [*Cuphoceromyia*]. Blanchard, 1943: 136–138.

Argentina: Santa Cruz, Lago Tar, Río Marta.

**HOLOTYPE:** one female, pinned, “5425 / 34” handwritten on white paper; “Lago Tar / Río Marta / Terr. Santa Cruz / M. Biraben / 28-II-934” handwritten on white paper; “Holotipo” handwritten on red paper, black frame; “*Cuphoceromyia* / *aldrichi* / Blnchd [handwritten] / det. E.E. Blanchard [printed]” on white paper, black frame; “3321” handwritten on white paper; “Museo La Plata” printed on white paper.

*Note.* *Cuphoceromyia aldrichi* Blanchard is a junior secondary homonym of *Peleteria aldrichi* Curran, 1925 and was renamed as *Peleteria blanchardi* by Guimarães (1971:44). Blanchard (1943) described the species from a female holotype (p. 136) but mistakenly cited the sex as male at the end of the description (p. 138).

*andina* [*Cuphoceropsis*]. Blanchard, 1943: 138–140.

Argentina: Jujuy.

**HOLOTYPE:** one female, glued on card with a fragment of a broken pin, right wing on a slide pinned below, “Jujuy / 4-I-1911” handwritten on white paper; “Holotipo” handwritten on red paper, black frame; “Cuphoceropsis / andina / Blnchd. [handwritten] / det. E.E. Blanchard [printed]” on white paper, black frame; “3319” handwritten on white paper.

*Note:* Currently treated as a valid species of *Peleteria* Robineau-Desvoidy (Guimarães, 1971).

*argentinensis* [Bombyliopsis]. Blanchard, 1941: 342-344.

Argentina: Tucumán, Rodeo de la Vaca.

**HOLOTYPE:** one female, pinned, “5425 / 34” handwritten on white paper; “Tucumán [printed] / Rodeo de la Vaca / 15-6-913” handwritten on white paper; “Holotipo” handwritten on red paper, black frame; “Bombyliopsis / argentinensis / Blnchd [handwritten] / det. E.E. Blanchard [printed]” on white paper, black frame; “3322” handwritten on white paper; “Museo La Plata” printed on white paper.

*Note:* The type locality “Rodeo de la Vaca” refers to some location in the province of Tucumán, currently not found in maps or gazetteers. Currently treated as a valid species of *Hystricia* Macquart (Curran, 1942).

*argentinensis* [Fabriciopsis]. Blanchard, 1941: 357-360.

Argentina: Misiones.

**HOLOTYPE:** one female, pinned, “5455 / 34” handwritten on white paper; “Misiones [printed] / 7-7-910” handwritten on white paper; “Holotipo” handwritten on red paper, black frame; “Fabriciopsis / argentinensis / Blnchd [handwritten] / det. E.E. Blanchard [printed]” on white paper, black frame; “3325” handwritten on white paper; “Museo La Plata” printed on white paper.

*argentinensis* [Zonoepalpus]. Blanchard, 1941: 378-379.

Argentina: Misiones.

**HOLOTYPE:** one male, pinned, right wing glued on label, “4458 / 35” handwritten on white paper; “Misiones [printed] / 24-3-910” handwritten on white paper; “Holotipo” handwritten on red paper, black frame; “Zonoepalpus / argentinensis / Blnchd [handwritten] / det. E.E. Blanchard [printed]” on white paper, black frame; “3340” handwritten on white paper; “Museo La Plata” printed on white paper.

*atrogonia* [Coscaronia]. Cortés, 1979: 78.

Argentina: Santa Cruz, 2.4 Kms. So. Fitzroy.

**HOLOTYPE:** one male, pinned, “♂” ; “2.4 Kms. So. Fitzroy / Santa Cruz / 210 mts / Rep. Argentina / Dec. 12. 1966 / Schl. + Irwin

colls” handwritten on white paper; “Holotipo” printed on red paper, black frame; “Coscaronia / atrogonia n. sp. [handwritten] / R. Cortés [printed] det. [handwritten] / 1975 [19 printed]” on white paper, black frame; “3572” handwritten on white paper; “Museo La Plata” printed on white paper.

**PARATYPE:** one female, pinned, “♀” ; “Allotipo” handwritten on red paper; “2.4 Kms. So. Fitzroy / Santa Cruz / 210 mts / Rep. Argentina / Dec. 12. 1966 / Schl. + Irwin colls” handwritten on white paper; “Coscaronia ♀ / atrogonia n. sp. [handwritten] / R. Cortés [printed] det. [handwritten] / 1975 [19 printed]” on white paper, black frame; “3572” handwritten on white paper; “Museo La Plata” printed on white paper.

*Note:* Cortés (1979) mentioned a female paratype (as “allotype”) with the same information on location, date and collectors as the holotype, deposited in the Museo La Plata. Cortés (1979) also mentioned the other paratypes are deposited in CFA (12 specimens of both sexes).

*birabeni [Eudejeaniops]. Blanchard, 1941: 355-357.*

Argentina: Salta, Lumbreras.

**HOLOTYPE:** one female, pinned, “5459 / 34” handwritten on white paper; “Lumbreras, Salta / 14-III-1939 / Biraben-Scott leg. printed on white paper”; “Holotipo” handwritten on red paper, black frame; “Eudejeaniops / birabeni / Blnchd [handwritten] / det. E.E. Blanchard [printed]” on white paper, black frame; “3323” handwritten on white paper; “Museo La Plata” printed on white paper.

*Note:* Currently treated as a valid species of *Eudejeania* Townsend, (Sabrosky, 1947; Guimarães, 1971).

*blanchardi [Ateloglutus]. Cortés, 1979: 77.*

Argentina: Santa Cruz, Piedrabuena, 5 Kms. N.W (Fig. 1).

**HOLOTYPE:** one female, pinned, “♀” ; “5 Kms. N.W. / Piedrabuena / Santa Cruz / 130 mts / Rep. Argentina / Nov. 25, 1966 / Schl. + Irwin colls” handwritten on white paper; “Holotipo” printed on red paper, black frame; “Ateloglutus / blanchardi / n. sp. [handwritten] / R. Cortés [printed] det. [handwritten] / 1975 [19 printed]” on white paper, black frame; “3573” handwritten on white paper.

*Note:* Cortés (1979) mentioned two female paratypes with the same information on location, date and collectors as the holotype, deposited in the CFA.

*bruchii [Archytodejeania]. Blanchard, 1941: 348-351.*

Argentina: Salta.

**HOLOTYPE:** one male, pinned, “Rep Argentina / Prov. Salta / 190 / C. Bruch” printed on white paper, black frame; “Holotipo”



handwritten on red paper, black frame; “Archytodejeania / bruchi / Blnchd. [handwritten] / det. E.E. Blanchard [printed] / gen. et sp. nov [handwritten, side]” on white paper, black frame; “3315” handwritten on white paper.

*Note:* Currently treated as a valid species of *Archytas* Jaennicke (Guimarães, 1971). This author referred to *A. bruchi* as a junior secondary homonym of *Parafabricia bruchi* Blanchard but did not renamed the species as it was still not revised. The same criterion was followed by O’Hara et al. (2020).

*bruchi* [*Parafabricia*]. Blanchard, 1941: 360-363.

Argentina: Buenos Aires.

**HOLOTYPE:** one male, pinned, “Rep. Argentina / Prov. Buenos Aires / 190 / C. Bruch” printed on white paper, black frame; “Holotipo” handwritten on red paper, black frame; “Parafabricia / bruchi / Blnchd [handwritten] / det. E.E. Blanchard [printed]” on white paper, black frame; “3331” handwritten on white paper; “Museo La Plata” printed on white paper.

**PARATYPE:** one female, pinned, “Rep. Argentina / Prov. Buenos Aires / 190 / C. Bruch printed on white paper, black frame”; “Allotipo” handwritten on green paper, black frame; “Parafabricia / bruchi / Blnchd [handwritten] / det. E.E. Blanchard [printed]” on white paper, black frame; “3331” handwritten on white paper; “Museo La Plata” printed on white paper.

*Note:* Described from a holotype and a female paratype (as “alotipo”) (Blanchard, 1941: 363). Currently treated as a valid species of *Archytas* Jaennicke (Guimarães, 1971).

*citrinus* [*Ochroepalpus*]. Blanchard, 1941: 373-375.

Argentina: Misiones.

**HOLOTYPE:** one female, pinned, “5456 / 34” handwritten on white paper; “Misiones [printed] / 7-7-910” handwritten on white paper; “Holotipo” handwritten on red paper, black frame; “Ochroepalpus / citrinus / Blnchd [handwritten] / det. E.E. Blanchard [printed]” on white paper, black frame; “3330” handwritten on white paper; “Museo La Plata” printed on white paper.

*cordubensis* [*Gymnocuphocera*]. Blanchard, 1943: 143-145.

Argentina: Córdoba, Los Cocos.

**HOLOTYPE:** one male, glued on card, “Prov. De Córdoba / Los Cocos / III [handwritten] -19 [printed] -37 [handwritten] / Col. E.E. Blanchard” printed on white paper, black frame; “Holotipo” handwritten on red paper; “Gymnocuphocera / cordubensis / Blanchd [handwritten] / det. E.E. Blanchard [printed]” on white paper, black

frame; “3341” handwritten on white paper; “Museo La Plata” printed on white paper.

*Note:* Currently treated as a valid species of *Gymnommopsis* Townsend (Guimarães, 1971).

*frenguelli* [*Archynemochaeta*]. Blanchard, 1941: 345-347.

Argentina: Salta.

**HOLOTYPE:** one male, pinned, “Rep Argentina / Prov. Salta / 180 / C. Bruch” printed on white paper, black frame; “Holotipo” handwritten on red paper, black frame; “Archynemochaeta / frenguelli, / Blnchd. [handwritten] / det. E.E. Blanchard [printed]” on white paper, black frame; “3314” handwritten on white paper.

*Note:* Currently treated as a valid species of *Archytas* Jaennicke (Guimarães, 1971).

*giacomelli* [*Aphriosphyria*]. Blanchard, 1943: 125-127.

Argentina: La Rioja.

**HOLOTYPE:** one female, pinned, “Prov. La Rioja / Giacomelli col.” handwritten on white paper; “Holotipo” handwritten on red paper, black frame; “Aphriosphyria / giacomelli, / Blnchd. [handwritten] / det. E.E. Blanchard [printed]” on white paper, black frame; “3309” handwritten on white paper.

*Note:* Currently treated as a valid species of *Peleteria* Robineau-Desvoidy (Guimarães, 1971).

*giacomelli* [*Proarchytoides*]. Blanchard, 1941: 365-368.

Argentina: Jujuy; La Rioja.

**SYNTYPES:** one female, pinned, “Prov. La Rioja / Giacomelli col.” printed on white paper; “Cotipo” handwritten on blue paper, black frame; “Proarchytoides / giacomelli / Blnchd [handwritten] / det. E.E. Blanchard [printed]” on white paper, black frame; “3334” handwritten on white paper; “Museo La Plata” printed on white paper. **One** male, pinned, “Jujuy [printed] / 4-I-911 [handwritten]” on white paper; “5458 / 34” handwritten on white paper; “Paratipo” handwritten on yellow paper, black frame; “3334” handwritten on white paper.

*Note:* Described from both sexes, consisting of eight syntypes (five as “cotipos” and three as “paratypes” in the original publication). Six syntypes (one male and five females) were recognized in MACN (Mulieri et al., 2013). Currently treated as a valid species of *Archytas* Jaennicke (Guimarães, 1971).

*grioti* [*Aphriosphyria*]. Blanchard, 1943: 127-130.

Argentina: Santa Fe, Galvez.



**HOLOTYPE:** one female, glued on card, “Cirphis / unipuncta / Galvez 10/39” handwritten on white paper; “Holotipo” handwritten on red paper, black frame; “Aphriosphyria / grioti, / n. sp. Blnchd. [handwritten] / det. E.E. Blanchard [printed]” on white paper, black frame; “3310” handwritten on white paper.

*Note:* Currently treated as a valid species of *Peleteria* Robineau-Desvoidy (Guimarães, 1971).

*haywardi* [Metagymnopsis]. Blanchard, 1943: 148-150.

Argentina: Misiones.

**HOLOTYPE:** one female, pinned, one leg glued on a card, “Misiones / 21-VII-1934 / Hayward leg.” handwritten on white paper, black frame; “Holotipo” handwritten on red paper, black frame; “Metagymnopsis / haywardi / Blnchd [handwritten] / det. E.E. Blanchard [printed]” on white paper, black frame; “3327” handwritten on white paper; “Museo La Plata” printed on white paper.

*Note:* Currently treated as a valid species of *Gymnommopsis* Townsend (Guimarães, 1971).

*jujuyensis* [Tachinosomopsis]. Blanchard, 1941: 370-373.

Argentina: Jujuy.

**HOLOTYPE:** one male, pinned, “Holotipo” handwritten on red paper, black frame; “Tachinosomopsis / jujuyensis / Blnchd [handwritten] / det. E.E. Blanchard [printed]” on white paper, black frame; “3338” handwritten on white paper; “Museo La Plata” printed on white paper.

**PARATYPE:** one female, pinned, “Jujuy [printed] / 4-1-911” handwritten on white paper; “5443 / 34” handwritten on white paper; “Allotipo” handwritten on green paper, black frame; “3338” handwritten on white paper; “Museo La Plata” printed on white paper.

*Note:* The holotype lacks a locality label but Blanchard (1941: 373) explicitly mentioned that the holotype and paratype (as “alotipo”) came from Jujuy and provided date of collection (“4/I/1911”). Although the two types were cited as one male and one female, the sex of the individual types was not given. The type labels indicate that the male is the holotype and the female is the paratype. Currently treated as a valid species of *Jurinella* Brauer & Bergenstamm (Guimarães, 1971).

*koehleri* [Pseudohystricia]. Blanchard, 1941: 368-370.

Argentina: Salta, Metán.

**SYNTYPE:** one female, pinned, “Metán / 1935 / Leg. Köhler” printed on white paper, black frame; “Cotipo” handwritten on blue paper, black frame; “Pseudohystricia / koehleri / Blnchd [handwritten] / det. E.E.

Blanchard [printed]" on white paper, black frame; "3336" handwritten on white paper; "Museo La Plata" printed on white paper.

*Note:* Described from two syntypes (as "cotipos"), one of which, a male, is housed in MACN (Mulieri et al., 2013). The original description does not refer to the female but the syntype in MLPA is a female. Currently treated as a valid species of *Jurinella* Brauer & Bergenstamm (Guimarães, 1971).

*laspeyresiae* [*Chaetolixophaga*]. Blanchard, 1940: 241-244.

Argentina: Buenos Aires, La Plata.

**SYNTYPES:** one male, glued on card, "ex / Laspeyresia / molesta" handwritten on white paper, black frame; "La Plata / 8-XI-38 / L. Cristobal" handwritten on white paper, black frame; "Cotipo" handwritten on blue paper, black frame. Two females, glued on card, "ex / Laspeyresia / molesta" handwritten on white paper, black frame; "La Plata / 8-XI-38 / L. Cristobal" handwritten on white paper, black frame; "Cotipo" handwritten on blue paper, black frame.

*Note:* Described from an unspecified number of male and female syntypes (as "Cotipos"). Slides housed in MACN (Mulieri et al., 2013) belong to other syntype specimens. The specimens listed here agree with the type locality, collecting date, and collector given by Blanchard (1940); also have the label of "cotipos" and hence are considered as belonging to the syntype series. Currently treated as a valid species of *Chaetolixophaga* Blanchard (Guimarães, 1971).

*latifasciata* [*Aphriosphyria*]. Blanchard, 1943: 130-131.

Argentina: Misiones, Posadas.

**HOLOTYPE:** one male, pinned, "Posadas / 31-10-909" handwritten on white paper; "Holotipo" handwritten on red paper, black frame; "Aphriosphyria / latifasciata / Blnchd. [handwritten] / det. E.E. Blanchard [printed]" on white paper, black frame; "3311" handwritten on white paper.

*Note:* Currently treated as a valid species of *Peleteria* Robineau-Desvoidy (Guimarães, 1971).

*lineata* [*Prosteatosoma*]. Blanchard, 1943: 150-152.

Argentina: Santa Cruz, Lago Tar, Río Marta.

**HOLOTYPE:** one female, pinned, "236 / 36" handwritten on white paper; "Lago Tar / Río Marta / Terr. Santa Cruz / M. Biraben / 28-II-936" handwritten on white paper; "Holotipo" handwritten on red paper, black frame; "Prosteatosoma / lineata / Blnchd [handwritten] / det. E.E. Blanchard [printed]" on white paper, black frame; "3335" handwritten on white paper; "Museo La Plata" printed on white paper.

*Note:* Currently treated as a valid species of *Peleteria* Robineau-Desvoidy (Guimarães, 1971).

*misionensis* [*Metagymnopsis*]. Blanchard, 1943: 146-148.

Argentina: Misiones.

**HOLOTYPE:** one male, pinned, "Misiones [printed] / 19-6-909" handwritten on white paper; "Holotipo" handwritten on red paper, black frame; "Metagymnopsis / misionensis / Blnchd [handwritten] / det. E.E. Blanchard [printed]" on white paper, black frame; "3328" handwritten on white paper; "Museo La Plata" printed on white paper.

*Note:* Currently treated as a valid species of *Gymnommopsis* Townsend (Guimarães, 1971).

*misionensis* [*Parafabricia*]. Blanchard, 1941: 363-365.

Argentina: Misiones.

**HOLOTYPE:** one female, pinned with a wing and legs in a slide pinned below, "5440 / 34" handwritten on white paper; "Misiones [printed] / 8-9-910" handwritten on white paper; "Holotipo" handwritten on red paper, black frame; "Parafabricia / misionensis / Blnchd [handwritten] / det. E.E. Blanchard [printed]" on white paper, black frame; "3332" handwritten on white paper; "Museo La Plata" printed on white paper.

*Note:* Currently treated as a valid species of *Archytas* Jaennicke (Guimarães, 1971).

*nemochaetoides* [*Aphriosphyriopsis*]. Blanchard, 1943: 134-136.

Argentina: Santa Cruz, Valle Tunel.

**HOLOTYPE:** one female, pinned, "Valle Tunel / Dr Witte" handwritten on white paper; "Holotipo" handwritten on red paper, black frame; "Aphriosphyriopsis / nemochaetoides / Blnchd. [handwritten] / det. E.E. Blanchard [printed]" on white paper, black frame; "3313" handwritten on white paper.

*Note:* Currently treated as a valid species of *Peleteria* Robineau-Desvoidy (Guimarães, 1971).

*nigricornis* [*Acuphoceropsis*]. Blanchard, 1943: 123-125.

Argentina: Salta.

**HOLOTYPE:** one male, pinned, left wing in a slide pinned below, "Argentina / Salta [upperside] / Daguerre / VI-933 [underside]" printed on white paper, black frame; "Holotipo" handwritten on red paper, black frame; "Acuphoceropsis / nigricornis, / Blnchd. [handwritten] / det. E.E. Blanchard [printed]" on white paper, black frame; "3308" handwritten on white paper.

*orfilanus* [*Araucosimus*]. Cortés, 1979: 76.

Argentina: Mendoza, Mendoza.

**HOLOTYPE:** one male, pinned, “♂” ; “Mendoza / Abril 1-3, 1967 / L.E. Peña” handwritten on white paper; “Holotipo” print on red paper, black frame; “Araucosimus / orfilanus / n. sp. [handwritten] / R. Cortés [printed] det. [handwritten] / 1975 [19 printed]” on white paper, black frame; “3571” handwritten on white paper; “Museo La Plata” printed on white paper.

**PARATYPE:** one female, pinned, “♀” ; “Mendoza / Abril 1-31, 1967 / L. E. Peña” handwritten on white paper; “Allotipo” handwritten on red paper; “Araucosimus / orfilanus / n. sp. [handwritten] / R. Cortés [printed] det. [handwritten] / 1975 [19 printed]” on white paper, black frame; “3571” handwritten on white paper; “Museo La Plata” printed on white paper.

*Note:* In addition to the female paratype that Cortés (1979: 76) designated as “Allotipo” there were five male paratypes with the same location, date and collectors as the holotype. All these specimens are deposited in the CFA. Toma & Nihei (2006) report a paratype deposited in the Museu de Zoologia da Universidade de São Paulo (MZSP) which is not mentioned by Cortés (1979).

*pseudodaemon* [*Itarchytas*]. Blanchard, 1940: 225.

Argentina: Córdoba, Cruz Chica; Buenos Aires, Tandil, Sierra de la Ventana.

**SYNTYPE:** one female, pinned, “Sierra de la Ventana / V-1939” handwritten on white paper, black frame; “Paratipo” handwritten on yellow paper, black frame; “Itarchytas / pseudodaemon / Blnchd [handwritten] / det. E.E. Blanchard [printed]” on white paper, black frame; “3326” handwritten on white paper; “Museo La Plata” printed on white paper.

*Note:* Blanchard (1940) cited his examined material as consisting of three males and two females “Cotipos” and one male and two females “Paratipos”, all here considered syntypes, seven of which were recognized in MACN (Mulieri et al., 2013). Currently treated as a valid species of *Archytas* Jaennicke (Guimarães, 1961, 1971).

*pseudopyrrhopoda* [*Eudejeaniops*]. Blanchard, 1941: 353-355.

Argentina: Jujuy; [Tucumán?] Paseo de la Vaca.

**SYNTYPE:** two females, pinned, “5418 / 34” handwritten on white paper; “Paseo de la Vaca / 22-6-913” handwritten on white paper; “Paratipo” handwritten on yellow paper, black frame; “Eudejeaniops / pseudopyrrhopoda / Blnchd [handwritten] / det. E.E. Blanchard [printed]” on white paper, black frame; “3324” handwritten on white paper; “Museo La Plata” printed on white paper.

*Note:* Described from four female syntypes (two as “cotipos” and two as “paratipos”), two of them in MACN (Mulieri et al., 2013). Taking into account its similar spelling and date the locality of these syntypes in MLPA, “Paseo de la Vaca”, presumably refers to the same location “Rodeo de la Vaca” regarded for the province of Tucumán (see comments under *Bombyliopsis argentinensis* Blanchard). Currently treated as a valid species of *Eudejeania* Townsend (Sabrosky, 1947, Guimarães, 1971).

*semirufa* [*Aphriosphyria*]. Blanchard, 1943: 132-133.

Argentina: Salta.

**SYNTYPES:** one female, pinned, “4499 / 33” handwritten on white paper; “Argentina / Salta [upperside] / Daguerre / VI.193 [underside]” printed on white paper, black frame; “Holotipo” handwritten on red paper, black frame; “Aphriosphyria / semirufa / Blnchd. [handwritten] / det. E.E. Blanchard [printed]” on white paper, black frame; “3312” handwritten on white paper. One female, pinned, “Argentina / Salta [upperside] / Daguerre / VI.1933 [underside]” printed on white paper, black frame; “Paratipo” handwritten on yellow paper, black frame; “3312” handwritten on white paper.

*Note:* Currently treated as a valid species of *Peleteria* Robineau-Desvoidy (Guimarães, 1971).

*subandina* [*Cuphoceropsis*]. Blanchard, 1943: 140-143.

Argentina: La Rioja.

**HOLOTYPE:** one male, pinned, “Prov. La Rioja / Giacomelli col.” handwritten on white paper, black frame; “Holotipo” handwritten on red paper, black frame; “Cuphoceropsis / subandina / Blnchd. [handwritten] / det. E.E. Blanchard [printed]” on white paper, black frame; “3320” handwritten on white paper.

*Note:* Currently treated as a valid species of *Peleteria* Robineau-Desvoidy (Guimarães, 1971).

*subauratum* [*Neopaedarium*]. Blanchard, 1943: 155-157.

Argentina: Salta (Fig. 2).

**SYNTYPES:** two males, glued on card, “S noctuido de papa / Urundel / Salta [upperside] / 10-VIII-1937 / Koehler lg [underside]” handwritten on white paper; “Cotipo” handwritten on blue paper, black frame; “Neopaedarium / subauratum / Blnchd [handwritten] / det. E.E. Blanchard [printed]” on white paper, black frame; “3329” handwritten on white paper; “Museo La Plata” printed on white paper.

*tucumanus* [*Rachioepalpus*]. Blanchard, 1941: 375-378.

Argentina: Tucumán.

**SYNTYPE:** one male, pinned, "Tucumán / X-1932 / J.M. Bosq" handwritten on white paper, black frame; "Cotipo" handwritten on blue paper, black frame; "Rachoepalpus / tucumanus / Blnchd [handwritten] / det. E.E. Blanchard [printed]" on white paper, black frame; "3337" handwritten on white paper; "Museo La Plata" printed on white paper.

*Note:* Described from two male syntypes (as "cotipos"), the other is deposited in MACN (Mulieri et al., 2013).

*wagneri* [*Archytodejeania*]. Blanchard, 1941: 351-353.

Argentina: Santiago del Estero.

**SYNTYPES:** one female, pinned, "S. del Estero / 1919" handwritten on white paper, black frame; "Cotipo" handwritten on blue paper, black frame; "Proarchytoides / wagneri / Blnchd. [handwritten] / det. E.E. Blanchard [printed]" on white paper, black frame; "Archytodejeania / wagneri, / Blnchd. [handwritten] / det. E.E. Blanchard [printed]" on white paper, black frame; "3316" handwritten on white paper. **One** female, pinned, "S. del Estero / 1919" handwritten on white paper, black frame; "Cotipo" handwritten on blue paper, black frame; "3316" handwritten on white paper.

*Note:* Described from six female syntypes (as "cotipos"), of which four were already recognized in MACN (Mulieri et al., 2013). Currently treated as a valid species of *Archytas* Jaennicke (Guimarães, 1971).



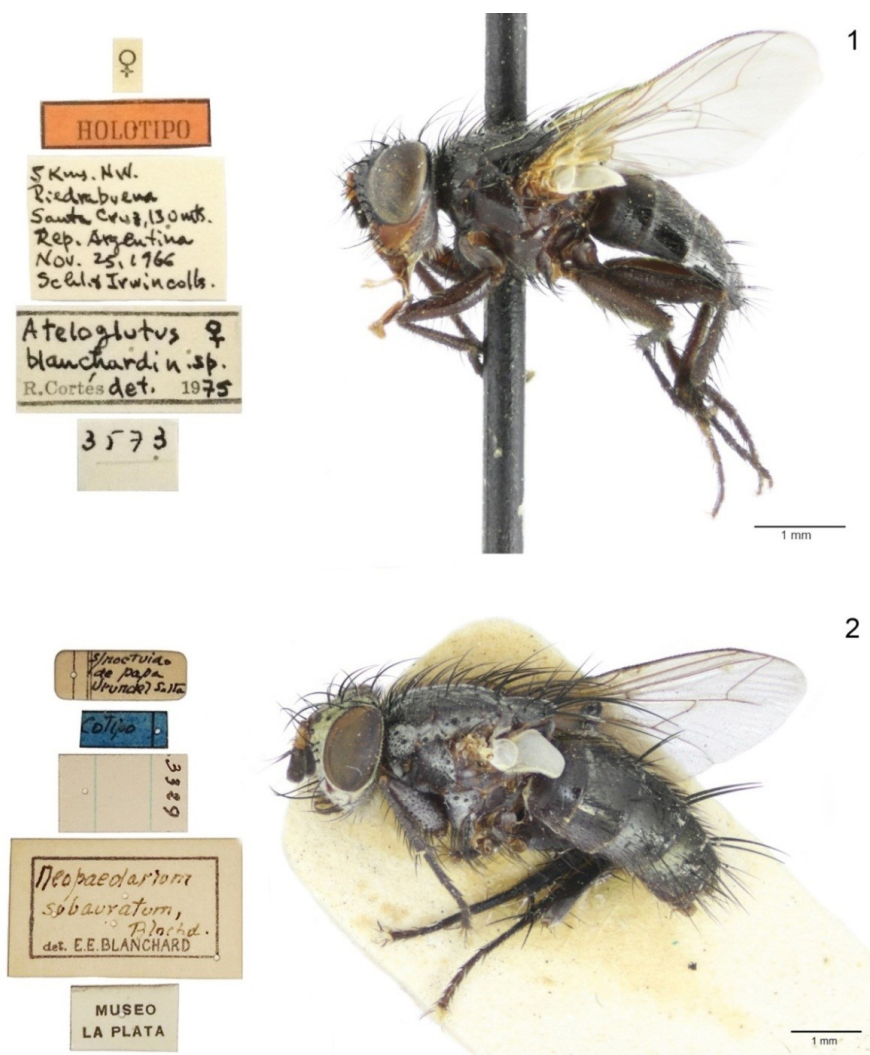


Fig. 1–2. Tachinidae type specimens of the Museo de La Plata. 1. *Ateloglutus blanchardi* Cortés in lateral view with author's holotype labels, 2. *Neopaedarium subauratum* Blanchard in lateral view with author's syntype labels.

### Specimens in MLPA that are incorrectly labeled as types

*concinnum* [Desantisodes] Cortés, 1973: 103-105.

ALLOTYPE: one male, pinned, “♂”; “12 Kms. S. / Bajo Caracoles / Sta. Cruz / R. Arg. / Nov. 24, 1966 / Irwin + Schl.” handwritten on white paper; “Allotipo” handwritten on red paper; “Desantisodes / concinnum [handwritten] / R. Cortés [printed] det. [handwritten] / 1973 [19 printed]” on white paper, black frame; “3570” handwritten on white paper; “Museo La Plata” printed on white paper.

*Note:* Described from a female holotype collected in Río Vergara, Chile, and three females here considered as paratypes (two as “cotypes” and one as “allotype”) from Río Vergara and Laguna de Maule, Chile. The author explicitly mentioned the male as unknown (Cortés, 1973: 105). Later, Cortés (1979) mentioned a male allotype from Bajo Caracoles,

Argentina, in MLPA, which is the specimen listed here. It was not mentioned in the original description and is therefore not part of the type series.

*misionensis* [Metagymnopsis] Blanchard, 1943:145-148.

PARATYPES: two males, pinned, "4456 / 35" handwritten on white paper; "Misiones [printed] / 19-6-909" handwritten on white paper; "Paratipo" handwritten on yellow paper, black frame; "3330" handwritten on white paper; "Museo La Plata" printed on white paper.

*Note:* Two male specimens were found labeled as paratypes of this species with same date and locality as the female holotype. These two specimens were possibly intended to be paratypes of this species but they were not mentioned in the original description and therefore are not part of the type series. The female holotype is in MLPA and is listed above.

## ACKNOWLEDGEMENTS

We thank the Museo de La Plata (MLPA) especially to Marcela Ronderos, Carla Cazorla and Jorge Salas for the loan of the Tachinidae material included in this publication. A special thanks to James O'Hara (Canadian National Collection, Canada) for assistance in the return of some type specimens belonging to MLPA.

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## Author notes

dianamarcela24@gmail.com