

The type specimens of Tachinidae (Diptera) housed in the Museo Argentino de Ciencias Naturales “Bernardino Rivadavia”, Buenos Aires

PABLO RICARDO MULIERI¹, LUCIANO DAMIÁN PATITUCCI¹,
 AXEL OSCAR BACHMANN¹ & JAMES E. O’HARA²

¹Consejo Nacional de Investigaciones Científicas y Técnicas, Buenos Aires, Argentina. Museo Argentino de Ciencias Naturales, Buenos Aires, MACN. Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires.

E-mail: mulierii@yahoo.com; lpatitu@yahoo.com.ar; bachmann@bg.fcen.uba.ar

²Canadian National Collection of Insects, Agriculture and Agri-Food Canada, 960 Carling Avenue, Ottawa, Ontario, Canada K1A 0C6. E-mail: james.ohara@agr.gc.ca

Abstract

The type material of species of Tachinidae (Diptera) housed in the collection of the Entomology Division of the Museo Argentino de Ciencias Naturales “Bernardino Rivadavia” were examined and are herein documented. The collection contains 202 type specimens consisting of 54 species described by E.E. Blanchard and 12 described by J. Brèthes. Comparison of their original descriptions with the label information reveals the existence of 24 holotypes, 1 lectotype, 141 syntypes and 36 paratypes. Complete information is given for each type, including reference to the original description, label data, and preservation condition.

Key words: Diptera, Tachinidae, types, Museo Argentino de Ciencias Naturales “Bernardino Rivadavia”, Blanchard, Brèthes

Introduction

Tachinidae comprise about 9,600 described species and are one of the most diverse families of Diptera (Pape *et al.* 2011). This diversity is grouped into four subfamilies and includes more than 1,500 genera (O’Hara 2012). However, many species undoubtedly remain to be discovered especially in the Neotropical Region, where the highest levels of generic endemicity were recorded (78%) (O’Hara 2012).

The information concerning type material deposited 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 Argentino de Ciencias Naturales “Bernardino Rivadavia” (MACN) houses many of the type specimens of Tachinidae described by E.E. Blanchard and J. Brèthes, thus being the greatest repository of type material of this family in Argentina, and represents a significant resource for researchers interested in Neotropical Tachinidae.

Everard Eells Blanchard (1889–1971) was a distinguished figure among Argentinean entomologists and is considered the most significant dipterist of Argentina in the past century. Blanchard was born in the state of Maine, U.S.A. During approximately 50 years of productive scientific work, he published approximately 150 papers including descriptions of numerous species of Diptera. Among them, he published 24 works on Tachinidae and described 121 nominal species of this family during a period of 30 years (1935–1966) (Cortés 1973). Blanchard worked for many years at the “División de Zoología Agrícola, Ministerio de Agricultura y Ganadería” (Agricultural Zoology Division, Ministry of Agriculture and Livestock) and later (as director) at the “Instituto de Sanidad Vegetal” (Institute of Plant Protection) and formed an extremely large and extensive collection of Diptera.

The majority of the tachinids studied by Blanchard were part of his personal collection. After Blanchard's death, the most significant portion of his collection was sent to Museo Argentino de Ciencias Naturales "Bernardino Rivadavia", Buenos Aires (MACN), while a few specimens belonging to nine nominal species were retained in the Instituto Nacional de Tecnología Agropecuaria, Castelar, Buenos Aires (INTA). Type specimens not originally kept in Blanchard's personal collection are presumably housed in other Argentinean institutions as Museo de La Plata, Buenos Aires (MLP) and Instituto y Fundación Miguel Lillo, Tucumán (IFML).

Jean Brèthes (1871–1928) was born in Saint Severs, France. At the age of 19, he traveled to Argentina and soon became employed as a professor in the College "La Salle", Buenos Aires, Argentina. Shortly thereafter he began his work as naturalist, with a special devotion to entomology. In 1902 he was designated curator of the entomological section in MACN and later became a professor of Applied Zoology in the University of La Plata. During his very intense career, Brèthes described in excess of 1,100 species and published more than 200 works. Among his new species were many Diptera, including 22 species of Tachinidae (Dallas 1928).

The types dealt with herein belong to 54 species (49 currently valid) described by E. Blanchard and 12 (11 valid) by J. Brèthes. This work is part of a continuing study on the nominal species of Calyptratae and their types housed in Argentinean institutions (Mulieri *et al.* 2010; Patitucci *et al.* 2011). The goal of this contribution is to provide accurate information on the types deposited in the MACN to assist future research.

Material and methods

The Tachinidae collection of MACN was studied to identify and record the primary and secondary types housed therein. These consist of type material described by E.E. Blanchard and J. Brèthes. Type material was identified by comparing label data with the specimen data given in the published descriptions. It is important to note that Blanchard's type material is not always to be found in the same depositories as cited in his publications. It was therefore necessary to check label data carefully to ensure that type specimens were properly recognized.

The list of type material below is arranged alphabetically by available species-group name. For each name information is given on the original publication, type locality (or localities) of name-bearing types, 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. Labels are quoted *verbatim*, with lines separated by a slash, different labels separated by a semicolon, and comments given in brackets. No space is included on either side of the slash if a slash appears on a label (e.g., "s/Danais"). Abbreviations used in the catalogue are: handwr., handwritten; print., printed. Notes include the composition of the original type series, the current valid name of each taxon, and bibliographic reference to nomenclatural changes and current placement.

Brèthes seldom mentioned the sex and number of specimens he examined. For the identification of types not formally designated in the original publication, evidence from labels (e.g., Fig. 1) is considered (Article 72.4 of the *Code*, ICZN 1999). If a holotype (or its equivalent) was not mentioned or the number of specimens examined, then we have assumed the possibility of a series of syntypes (Recommendation 73F of the *Code*) and have treated single specimens as "sole syntypes".

Blanchard frequently labeled his name-bearing types using his usual identification labels, with the name and type category handwritten on white paper with a black frame (Fig. 2). In an age when most taxonomists were describing holotypes and paratypes, Blanchard used an unfortunate mixture of "holotipo", "tipos", "cotipos" and "paratipos" in his descriptions and was often imprecise about the number and sex of the specimens in his type series. However, there was no published and explicit statement by Blanchard about his concept of type categories. There thus exists, for some specific names (e.g., *Proarchytoides giacomellii*), some specimens published as "Cotipos" and some as "Paratipos". In such instances, 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 were occasionally designated and have the same status as paratypes under the *Code*. We include notes referring to the type categories used by Blanchard in his original publications.

Many generic synonymies and new combinations were published in the Tachinidae chapter of the *Manual of Nearctic Diptera* (Wood 1987), but few of the changes in that work were explicitly stated. The changes were later listed by O'Hara and Wood (1998). These works are followed here, as well as any other more recent publications that pertain to the taxa treated here. Many names have not been treated since the Neotropical catalogue of Guimarães (1971).

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Also listed are the specimens of three species that are labeled as type material but do not match the published data given for the types of those species. This information is provided to avoid the possible misinterpretation of the status of these specimens by future workers.



FIGURES 1–2. Selected labels on type specimens in Museo Argentino de Ciencias Naturales “Bernardino Rivadavia”. 1. Brèthes labels indicating types. 2. Blanchard labels indicating types.

Catalogue of types

apicalis [Didyma]. Brèthes, 1920b: 32–33. Peru: Lima.

SYNTYPE: one male, pinned, “Lima / E. Martínez / II.1919” handwr. by Brèthes; “type !” handwr. by Brèthes; “Didyma / apicalis Brèthes” handwr. by Brèthes; a red square piece of paper.

Note: Brèthes (1920b) described *Didyma apicalis* from an unspecified number of specimens and gave the sex as female. The stated sex is apparently in error because the single specimen in MACN is a male and its label data are consistent with the locality information given in Brèthes’ (1920b) introduction. This name was treated as an unrecognized species of *Didyma* van der Wulp by Guimarães (1971). *Didyma apicalis* is presumed to belong to *Myiopharus* Brauer & Bergenstamm because the genus in which it was described, *Didyma*, was synonymized with *Myiopharus* by Wood (1985).

argentina [Gymnostylia]. Brèthes, 1922: 21–22. Argentina: Buenos Aires, Condarco.

SYNTYPES: one male, pinned, “Condarco / III.1921 / Drabble” handwr. by Brèthes; “parásito de Oeceticus / platensis” handwr. by Brèthes; “Gymnostylia / argentina Brèthes” handwr. by Brèthes on white paper; “type !” handwr. by Brèthes; a red square piece of paper. One female, pinned, without head, puparium pinned below, “Condarco / III.1921 / Drabble” handwr. by Brèthes; “parásito de Oeceticus / platensis” handwr. by Brèthes; “Gymnostylia / argentina Brèthes” handwr. by Brèthes on white paper; “type !” handwr. by Brèthes; a red square piece of paper. One female, pinned, puparium pinned below, “Condarco / III.1921 / Drabble” handwr. by Brèthes; “parásito de Oeceticus / platensis” handwr. by Brèthes; “Gymnostylia / argentina Brèthes” handwr. by Brèthes on white paper; “type !” handwr. by Brèthes on white paper; a red square piece of paper.

Note: Described from three specimens of both sexes, all recognized in MACN. Currently treated as a valid species of *Oxyaporia* Townsend (Guimarães 1971).

aurata [*Itabiomyia*]. Blanchard, 1937: 50–53. Argentina: Misiones.

HOLOTYPE: male, front of head glued on card, part of a leg glued on card, on one pin, “s/pirárido / ex / Ocotea sp. / Misiones” handwr. on white paper, black frame; “*Itabiomyia / aurata / n. sp.* [handwr.] / det. E.E. Blanchard [print.]” on white paper, black frame; “*Tipo ?*” handwr. with blue ink on white paper.

Note: Although this specimen does not bear a proper type label, the label data identifies it as the holotype. Only part of the head and part of a leg remain. Treated by Guimarães (1971) as a valid species of *Itabiomyia* Townsend. *Itabiomyia aurata* is presumed to belong to *Lixophaga* Townsend because the genus in which it was described, *Itabiomyia*, was synonymized with *Lixophaga* by Wood (1985).

auricephala [*Gaediosturmia*]. Blanchard, 1963: 235–238. Argentina: Salta, Orán.

SYNTYPES: two males, glued on two cards, on one pin, “*Oran / XII-1940*” handwr. on white paper, black frame; “*s/Xylomiges / eridunia [sic!]*” handwr. on white paper, black frame; “*Holotypus*” print. on red paper, black frame; “*Gaediosturmia / auricephala* [handwr.] / det. E.E. Blanchard [print.] / *cotipos* [handwr.]” on white paper, black frame.

Note: Blanchard (1963: 238) cited a “Holotipo” but the pin with the correct holotype data bears two males and the determination label has “cotipos” handwritten on it. We consider Blanchard (1963) to have erred in citing a holotype and accept the two males on the same pin as syntypes. Currently treated as a valid species of *Chaetogaedia* Brauer & Bergenstamm (Guimarães 1971).

auripilosa [*Willistonia*]. Blanchard, 1954: 39–42. Argentina.

HOLOTYPE: female, pinned, “*I/1926.*” handwr.; “*Willistonia / auripilosa / sp. nov.* [handwr.] / det. E.E. Blanchard [print.] / holotipo [handwr., side]” on white paper, black frame; “*Holotypus*” print. on red paper, black frame.

Note: The holotype is damaged, without legs and left wing. Currently treated as a valid species of *Belvosia* Robineau-Desvoidy (Guimarães 1971).

barrosi [*Camarona*]. Brèthes, 1920a: 42–43. Chile: Aconcagua, Río Blanco.

SYNTYPE: one male, pinned, “*Río Blanco / Porter, Barros / II.1918*” handwr.; “*Camarona / Barrosi Brethes*” handwr. on white paper; “*Holotypus [reverse] R. Cortés / identify. / Nov.7, 1963*” print. on red paper, black frame; “*Morphodexia / barrosi* (Brèthes) / n.comb. / R. Cortés, 1963 [handwr.] / Museo Argentino de Ciencias Naturales [print.]” on white paper, black frame. Examined by Cortés (1963).

Note: Described from an unknown number of specimens of unspecified sex. Currently treated as a valid species of *Morphodexia* Townsend (Cortés 1963, 1967; Guimarães 1971).

biezankoi [*Willistonia*]. Blanchard in Biezanko 1961: 5. Brazil: Paraná, Curitiba.

HOLOTYPE: male, pinned, with head glued on triangular card, “*Mosca parasita / do Megalopyga / nuda* Stall. [handwr.] / C. Biezanko-[print.] leg. [handwr.]” on white paper, black frame, folded; “*Procedencia / Curitiba (Paraná) / X.35 / C. Biezanko leg*” handwr. on white paper, black frame, folded; “*Willistonia / biezankoi / sp. n.* [handwr.] / det. E.E. Blanchard [print.] / holotipo [handwr.]” on white paper, black frame.

Note: Guimarães (1971) erred in citing the type locality as “Argentina, Buenos Aires”. Blanchard in Biezanko (1961) wrote that the type was in the “Instituto de Patología Vegetal, Buenos Aires” but did not give the type locality of Curitiba, which is written on the label of the holotype. Currently treated as a valid species of *Belvosia* Robineau-Desvoidy (Guimarães 1971).

bosqi [*Celatoria*]. Blanchard, 1937: 47–50. Argentina: Buenos Aires, Baradero.

SYNTYPES: one male and two females, glued on three cards, on one pin, “*Parasita / Diabrotica / speciosa*” handwr.; “*Proc. de / Baradero / III-1937*” handwr.; “*Celatoria / bosqi, / Blnchd. [handwr.] / det. E.E. Blanchard [print.]*” on white paper, black frame; “*col. E.E. / Blanchard*” print. on white paper, black frame. **Three** females, glued on three cards, on one pin, “*Procedente / Baradero / 15/III/37*” handwr.; “*Prov. de / Buenos Aires / J. Bosq col.*” print. on white paper, black frame; “*la larva se desa- / rrolla en abdomen / de Diabrotica / speciosa*” handwr. **Two** females, glued on two cards, on one pin, “*Proc. / Baradero / III-37*” handwr.; “*En Diabrotica / ♀ speciosa*” handwr.; “*col. E.E. / Blanchard*” print. on white paper, black frame. **One slide**, male, genitalia, “*Lab. Zoología*

Agrícola [print.] / Celatoria / bosqi / Blnchd / cotipo [handwr.]” on white paper, black frame; “Lab. Zoologia Agrícola [print.] / Diabrotica / speciosa / Baradero / 15-III-1937 / leg / Bosq [handwr.]” on white paper, black frame; “C67” print.

Note: Described from an unspecified number of males and females. Currently treated as a valid species of *Celatoria* Coquillett (Guimarães 1971).

bosqi [Neobelvosiopsis]. Blanchard, 1954: 20–22. Argentina: Misiones, Loreto.

HOLOTYPE: female, pinned, “Misiones / Loreto/ III-1936” handwr. on white paper, black frame; “*Neobelvosiopsis / bosqi / g. et sp. nov. [handwr.] / det. E.E. Blanchard [print.] / holotipo [handwr., side]*” on white paper, black frame; “Holotypus” print. on red paper, black frame.

Note: Blanchard (1954) described this species from a single female (p. 20) but inadvertently referred to it as a male when citing the holotype data (p. 22). Currently treated as a valid species of *Belvoscia* Robineau-Desvoidy (Guimarães 1971).

bruchi [Belvosiomima]. Blanchard, 1954: 34–37. Argentina: Córdoba, Alta Gracia.

HOLOTYPE: male, pinned, left wing pinned below, “Córdoba / Alta Gracia” print.; “*Belvosiomima / bruchi, / Blnchd [handwr.] / det. E.E. Blanchard [print.] / holotipo [handwr., side]*” on white paper, black frame. “Holotypus” print. on red paper, black frame. **PARATYPES:** one male, pinned, with legs glued on card, “*oruga / tipo / Ecpanteria [sic!]*” handwr. on white paper, black frame; “*Cruz Chica / I-1935 / Bourquin*” handwr. on white paper, black frame; “Paratypus” on white paper, black frame”; “*Belvosiomima / bruchi / E.E. Blanchard / 1954*” handwr. on white paper, black frame. **One** female, glued on card, “*Prov. De Córdoba / Los Cocos [print.] / III [handwr.] / 19[print.] 35[handwr.] / col. E.E. Blanchard [print.]*” on white paper, black frame; “Paratypus” print. on white paper, black frame; “*Belvosiomima / bruchi / E.E. Blanchard / 1954*” handwr. on white paper, black frame. **One** female, pinned, “*Cabana Cordoba / II.37.M.Biraben*” handwr. on white paper; “*964 / 37*” handwr. on white paper; “Paratypus” print. on white paper, black frame; “*Belvosiomima / bruchi / E.E. Blanchard / 1954*” handwr. on white paper, black frame.

Note: Described from a male holotype and seven paratypes (3 males and 4 females). Only the holotype and three paratypes were recognized in MACN, remaining specimens are presumably lost. Currently treated as a valid species of *Belvoscia* Robineau-Desvoidy (Guimarães 1971).

bruchi [Lydinolydella]. Blanchard, 1943b: 92–95. Argentina: Tucumán.

HOLOTYPE: male, glued on triangular card, puparium glued on triangular card, on one pin, “Tucuman / XII-40 / C. Bruch” handwr. on white paper; “*s/Epilachna / eusema / Ws*” handwr. on white paper; “*Lydinolydella / bruchi / Blnchd [handwr.] / det. E.E. Blanchard [print.] / Cotipos [handwr.]*” on white paper, black frame.

PARATYPE: one female, glued on triangular card, puparium glued on triangular card, on one pin, “*Tucuman / XII-40 / C. Bruch*” handwr. on white paper; “*s/Epilachna / eusema / Ws*” handwr. on white paper.

Note: Currently treated as a questionable junior synonym of *Lydinolydella metallica* Townsend (Guimarães 1971).

chaetosa [Latreillimyia]. Blanchard, 1954: 28–31. Argentina: Tucumán.

HOLOTYPE: male, pinned, leg glued on card, “*Tachinidae*” handwr.; “*eclos. XII/1933 / parasitas en / gusanos de / Rothschildia / y Eacles*” handwr.; “*Latreillimyia / chaetosa, / sp. n. [handwr.] / det. E.E. Blanchard [print.] / holotipo [handwr., side]*” on white paper, black frame; “Holotypus” print. on red paper, black frame.

PARATYPE: one female, pinned, “*eclos. XII/1933 / parasitas en / gusanos de / Rothschildia / y de Eacles*” handwr. on white paper; “*Latreillimyia / chaetosa, / sp. nov [handwr.] / det. E.E. Blanchard [print.] / Alotipo [handwr., side]*” on white paper, black frame; “Allotypus” print. on red paper, black frame.

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

chiesai [Willistonia]. Blanchard, 1954: 42–44. Argentina: Córdoba.

SYNTYPES: one male, pinned, “*Córdoba / 28 de Jul.45 / leg. D. Chiesa / Molinari*” handwr. on white paper, black frame; “*S/parásito / de lascrisa- / lida del gen. / Eucledes 7*” handwr. on white paper, black frame; “*Willistonia / chiesai / sp. nov. [handwr.] / det. E.E. Blanchard [print.] / cotipo [handwr., side]*” on white paper,

black frame; "Sintipo" handwr. on white paper, black frame. **One** male, pinned, legs damaged and left wing glued on card, "S/parásito / de lascrisali / das del gen. / Eucledes / n°7" handwr. on white paper, black frame; "Córdoba / 28 de Jul.45 / leg. D. Chiesa / Molinari" handwr. on white paper, black frame; "Willistonia / chiesai / sp nov. / cotipo" handwr. on white paper; "Sintipo" handwr. on white paper, black frame.

Note: Described from two male syntypes (as "Cotipos") and at least one female that was not included in the type series. The date of collection of the syntypes in MACN differs from the published date of "20/V/1945". We consider the published date to be in error and the two specimens in MACN to be the original syntypes because they bear the usual labels used by Blanchard for his types. Currently treated as a valid species of *Belvosia* Robineau-Desvoidy (Guimarães 1971).

chilensis [*Phorichaeta*]. Brèthes, 1920a: 42. Chile: Aconcagua, Río Blanco.

SYNTYPE: **one** female, pinned, "Río Blanco / Porter, Barros / II.1918" handwr. by Brèthes; "*Phorichaeta / chilensis* Br." handwr. by Brèthes. Examined by Cortés (1963).

Note: Described from an unknown number of specimens of unspecified sex. Currently treated as a valid species of *Atelogluttus* Aldrich (Aldrich 1934; Guimarães 1971).

cromobergiae [*Prophryno*]. Blanchard, 1963: 200–203. Argentina: Entre Ríos, Concordia.

SYNTYPES: **one** female, glued on card, four puparia glued on two cards, on one pin, "Ex Specropia / (Lep. Het.) [handwr.] / col. [print.] Hayward [handwr.] / 21-XI [handwr.] 193 [print.] 5 [handwr.]" on white paper, black frame; "Estación / Experimental / de Concordia / Entre Ríos / Argentina" print. on white paper, black frame; "Col. E.E. / Blanchard" print. on white paper, black frame; "Prophryno / chromobergiae / sp. n. [handwr.] / det. E.E. Blanchard [print.]" on white paper, black frame. **One** female, glued on card, two puparia glued on card, on one pin, "Estación / Experimental / de Concordia / Entre Ríos / Argentina" print. on white paper, black frame; "Ex Specropia / sp. / Lep. Het. [handwr.] / col. [print.] Hayward [handwr.] / 21-XI [handwr.] 193 [print.] 5 [handwr.]" on white paper, black frame; "Col. E.E. / Blanchard" print. on white paper, black frame; "Prophryno / chromobergiae / sp. n. / det. E.E. Blanchard" handwr. on white paper, black frame. **One** female, glued on card, "Estación / Experimental / de Concordia / Entre Ríos / Argentina" print. on white paper, black frame; "Ex Specropia / sp. [handwr.] / col. [print.] Hayward [handwr.] / 21-XI [handwr.] 193 [print.] 5 [handwr.]" on white paper, black frame; "Col. E.E. / Blanchard" print. on white paper, black frame; "Prophryno / chromobergiae / sp. n. / det. E.E. Blanchard" handwr. on white paper, black frame. **One** female, glued on card, head glued on card, on one pin, "E. Ríos / Hayward / 21/XI/35" handwr. with blue ink on white paper, blue frame; "ex / Cromobergia / teichii" handwr. with blue ink on white paper, blue frame; "Col. E.E. / Blanchard" print. on white paper, black frame; "Prophryno / chromobergiae / sp. nov. / det. E.E. Blanchard" handwr. on white paper, black frame.

Note: Described from four female syntypes (as "Cotipos"), all recognized in MACN. *Prophryno cromobergiae* is missing from Guimarães (1971). Treated as a junior synonym of *Lespesia lata* (Wiedemann) by Guimarães (1983).

crossi [*Pseudohystricia*]. Blanchard, 1942: 361–364. Argentina: Tucumán.

SYNTYPE: **one** male, pinned, "E.W. Rust, / collector" print.; "Tucumán [print.] / IX-28, [handwr.] 191 [print.] 7 [handwr.]" ; "Est. Expt. / Agric. / N° [print.] 419 [handwr.]" ; "*Pseudohystricia / crossi*, / Blnchd. [handwr.] / det. E.E. Blanchard [print.]" on white paper, black frame; "Col. E.E. / Blanchard" print. on white paper, black frame.

Note: Described from two male syntypes (as "Cotipos"). Only one syntype was recognized in MACN; the other specimen is presumably lost. Currently treated as a valid species of *Jurinella* Brauer & Bergenstamm (Guimarães 1971).

cuyana [*Neowinthemia*]. Blanchard, 1963: 223–225. Argentina: La Rioja.

SYNTYPES: **one** male, pinned, "La Rioja / 1919" handwr. on white paper, black frame; "*Neowinthemia / cuyana*, / Blnchd [handwr.] [reverse] / Winthemia / cuyana, / Blnchd [handwr.] / det. E.E. Blanchard [print.] / Cotipos [handwr., side] [reverse]" on white paper, black frame. **One** male, pinned, genitalia dissected, "Prov. La Rioja / Giacomelli col." handwr. on white paper, black frame; "Col. E.E. / Blanchard" print. on white paper, black frame. **One** male, pinned, "Prov. La Rioja / Giacomelli col." handwr. on white paper, black frame; "Col. E.E. / Blanchard" print. on white paper, black frame. **Two** males, pinned, "La Rioja / 1919" handwr. on white paper, black

frame; “Col. E.E. / Blanchard” print. on white paper, black frame. **One slide**, genitalia, “Lab. Zoologia Agricola [print.] / La Rioja / Giacomelli / col. / 1919 [handwr.]” on white paper, black frame; “Lab. Zoologia Agricola [print.] / Winthemia / cuyana / Blnchd / cotipo [handwr.]” on white paper, black frame; “W92” print. on white paper.

Note: Described from five male syntypes (as “Cotipos”), all recognized in MACN. Currently treated as a valid species of *Winthemia* Robineau-Desvoidy (Guimarães 1971).

deaurata [*Bourquinia*]. Blanchard, 1935: 6–8. Argentina.

HOLOTYPE: female, head glued on card, thorax and abdomen glued separately on same card, on one pin, “Holotipo” handwr. on red paper, black frame; “Bourquinia / deaurata, / Blnchd [handwr.] / det. E.E. Blanchard [print.] / tipo [handwr., side]” on white paper, black frame.

Note: Currently treated as a valid species of *Bourquinia* Blanchard (Guimarães 1971).

diatraeae [*Sarcophaga*]. Brèthes, 1927: 165–166. Argentina: Tucumán.

SYNTYPES: **one** male, pinned, without abdomen, “Tucumán [print.] / IV-22- [handwr.] 191 [print.] 2 [handwr.]” on white paper; “Est. Exp. / A.C.N°. [print.] 47 [handwr.]” on white paper; “Reared.” print.; “*Sarcophaga / diatraeae* Brèthes” handwr. by Brèthes; “type!” handwr. by Brèthes; a red square piece of paper. **One** female, pinned, “Tucumán [print.] / III-29- [handwr.] 191 [print.] 2 [handwr.]”; “Reared.” print.; “*Sarcophaga / diatraeae* Brèthes” handwr. by Brèthes; “Est. Expt. / Agric. / N°. [print.] 1902 [handwr.]”; “*Paratheresia / signifera* / Tounsand [sic!] / paratipo de / *Sarcophaga / diatraeae* Brèthes” handwr. on white paper.

Note: Brèthes (1927) described this nominal species from an unspecified number of males and females. Subsequently, Box (1929), Aldrich (1929) and van Emden (1949) mentioned an unspecified number of specimens of *S. diatraeae* as paratypes deposited in BMNH (London) and USNM (Washington). Similarly, Guimarães (1977) cited type material in “MLP [La Plata], paratypes in BM [i.e., BMNH] and USNM” without examining the specimens. We have not confirmed whether additional type specimens exist in collections other than MACN. The mention of paratypes was evidently based on the original labels of Brethes, since Box (1929: 199) stated: “These were actually paratypes of *Sarcophaga diatraeae*, Brèthes, and bore Dr. Brèthes’ name-labels...” Therefore, as there was no explicit mention of a holotype by any of these authors, and considering that the citation of studied specimens was based on label information (Article 72.4.7 of ICBN 1999), all specimens should be considered syntypes. This species was treated as a junior synonym of *Sarcophaga claripalpis* van der Wulp in the genus *Paratheresia* Townsend by van Emden (1949) and Guimarães (1971, 1977).

eucelatorioides [*Celatoriopsis*]. Blanchard, 1963: 228–230. Argentina: Misiones, Cerro Azul.

HOLOTYPE: female, glued on card, puparium glued on card, on one pin, “s/Heliothis” handwr. on white paper, black frame; “Cerro Azul / Misiones / IV-1939” handwr. on white paper, black frame; “*Celatoriopsis / eucelatorioides* / gen. et sp. n. [handwr.] / det. E.E. Blanchard [print.] / tipo [handwr., side]” on white paper, black frame; “*Eucelatoria / eucelatorioides* / (Blanch.) [handwr.] / det / Sabrosky [print.] 1980 [handwr.]” on white paper, black frame. **PARATYPES:** **one** male and **one** female, glued on two cards, on one pin, “s/Thyreion / gelotopoeon” handwr. on white paper, black frame; “Las Breñas / Mallo. 1941” handwr. on white paper, black frame; “*Paratipos / Celatoriopsis / eucelatorioides*” handwr. with blue ink on white paper, black frame. **Genitalia** in microvial, pinned, “Genitalia of / ♂ paratype, C. / *eucelatorioides* / (Blanch.) [handwr.] / det / Sabrosky [print.]” on white paper, black frame.

Note: Described from a female holotype and two paratypes (a male and a female), all recognized in MACN. Treated as a valid species of *Celatoriopsis* Blanchard by Guimarães (1971). Sabrosky (1981) synonymized *Celatoriopsis* with *Eucelatoria* Townsend and transferred *eucelatorioides* to this genus.

eurotae [*Euphorocera*]. Blanchard, 1937: 53–56. Argentina: Corrientes.

SYNTYPES: **one** male, pinned, without abdomen, and **one** female, pinned, abdomen glued on triangular card, on one pin, “s/Eurota / strigiventris [reverse] / Corrientes / 5-IV-1937 / Bourquin [reverse]” handwr. on white paper, black frame; “Cotipos” handwr. on white paper, black frame; “*Plagiotachina / eurotae* / (Blnchd) [handwr.] / det. E.E. Blanchard [print.]” on white paper, black frame.

Note: Described from an unspecified number of male and female specimens (which have the status of

syntypes). Treated by Guimarães (1971) as a valid species of *Euphorocera* Townsend. Wood (1987) synonymized *Euphorocera* with *Chetogena* Rondani and transferred *eurotae* to this genus (see O'Hara & Wood 1998).

***formosana* [*Eubelvosiopsis*].** Blanchard, 1954: 15–18. Argentina: Formosa.

SYNTYPES: one female, pinned, “Formosa / 31.XII.23” handwr. on white paper, green frame; “Eubelvosiopsis / formosana, / gen. et sp. nov. [handwr.] / det. E.E. Blanchard [print.]” on white paper, black frame; “Sintipo” handwr. on white paper, black frame. Four females, pinned, “Formosa / 31.XII.23” handwr. on white paper, green frame; “Eubelvosiopsis / formosana / E.E. Blanchard 1954 / Sintipo” handwr. on white paper, black frame. One female, pinned, leg glued on card, “Formosa / 31.XII.23” handwr. on white paper, green frame; “Eubelvosiopsis / formosana / E.E. Blanchard 1954 / Sintipo” handwr. on white paper, black frame.

Note: Described from six female syntypes (as “Cotipos”), all recognized in MACN. Currently treated as a valid species of *Belvicia* Robineau-Desvoidy (Guimarães 1971).

***fuscisquamula* [*Willistonia*].** Blanchard, 1954: 44–47. Argentina: Catamarca, Depto. Belén, Hualfin, Las Mansas; Tucumán, Tafí del Valle.

SYNTYPE: one male, pinned, “parasita en gusanos de / Automeris stuarti / Valle de Tafí XII/1935” print. on white paper, folded; “Willistonia / fuscisquamula / Blnchd. [handwr.] / det. E.E. Blanchard [print.] / cotipo [handwr., side]” on white paper, black frame; “Sintipo” handwr. on white paper, black frame.

Note: Described from an unspecified number of syntypes (two males as “Cotipos” and a series of specimens originally referred to as “Paratipos”, which includes three females and an unspecified number of males). Only one syntype was recognized in MACN; the remaining specimens are presumably deposited in IFML. Currently treated as a valid species of *Belvicia* Robineau-Desvoidy (Guimarães 1971).

***giacomellii* [*Proarchytooides*].** Blanchard, 1941: 365–368. Argentina: La Rioja, Jujuy, Córdoba, Misiones.

SYNTYPES: one male, glued on card, abdomen and genitalia glued on cards, on one pin, “La Rioja [reverse] / 1918 [reverse]” handwr. on white paper, black frame; “Proarchytooides / giacomellii / Blnchd [handwr.] / det. E.E. Blanchard [print.]” on white paper, black frame; “Col E.E. / Blanchard” print. on white paper, black frame. Three females, pinned, “La Rioja / Giacomelli col.” handwr. on white paper, black frame; “Col. E. E. / Blanchard” print. on white paper, black frame. One female, pinned, “Córdoba / II-1920” handwr. on white paper, black frame; “Col. E. E. / Blanchard” print. on white paper, black frame. One female, pinned, “Misiones / Pindapoy / III-1936” handwr. on white paper, black frame; “Col. E. E. / Blanchard” print. on white paper, black frame.

Note: Described from both sexes, consisting of eight syntypes (five as “cotipos” and three as “paratypes” in the original publication). Only six syntypes (one male and five females) were recognized in MACN, remaining specimens are presumably deposited in MLP. Currently treated as a valid species of *Archytas* Jaennicke (Guimarães 1961, 1971).

***giacomellii* [*Trichopodopsis*].** Blanchard, 1966b: 75–78. Argentina: La Rioja.

SYNTYPES: seven males, pinned on six pins, “La Rioja / 1919” handwr. on white paper, black frame; “Trichopodopsis / giacomellii / Blanchard 1966” handwr. on white paper, black frame. One male, pinned, “La Rioja / 1919” handwr. on white paper, black frame.

Note: Described from 16 male syntypes (as “Cotipos”) and at least one female that was not included in the type series. Eight of the syntypes were recognized in MACN, remaining specimens are presumably deposited in MLP. Currently treated as a valid species of *Trichopoda* Berthold (Guimarães 1971).

***grioti* [*Parapolioops*].** Blanchard, 1957: 45–46. Argentina: Buenos Aires, José C. Paz.

HOLOTYPE: female, glued on triangular card, “3/Dipteros / s/Ecpanteria / 10-IX-51 / Inq. Griot” handwr. on white paper, black frame; “Parapolioops / grioti, / g. et sp. nov. [handwr.] / det. E.E. Blanchard [print.] / Holotipo [handwr., side]” on white paper, black frame.

Note: Currently treated as a valid species of *Parapolioops* Blanchard (Guimarães 1971).

***grioti* [*Winthemiopsis*].** Blanchard, 1963: 212–215. Argentina: Santa Fe.

SYNTYPES: two males, glued to two cards, on one pin, “Santa / Fé” handwr. on white paper, black frame; “s/

Plusia nu / V-1936" handwr. on white paper, black frame; "Holotypus" print. on red paper, black frame; "Winthemiopsis / grioti, / blnchd. / Cotipos [on side]" handwr. on white paper, black frame; "Winthemia / rufopicta, / (Bigot) [handwr.] / det. E.E. Blanchard [print.]" on underside of previous label.

Note: Blanchard (1963: 215) cited a "Holotipo" but the pin with the correct holotype data bears two males and the determination label has "cotipos" handwritten on it. We consider Blanchard (1963) to have erred in citing a holotype and accept the two males on the same pin as syntypes. Currently treated as a valid species of *Winthemia* Robineau-Desvoidy (Guimarães 1971).

haywardi [*Ypophhaemyia*]. Blanchard, 1942: 370–372. Argentina: Tucumán.

SYNTYPES: one male, pinned, "Argentina / Tucumán" print. on white paper; "Ex / Prodenia / ornithogalli / Gn. [top right corner]" handwr. on white paper, black frame; "3527" handwr. on white paper, black frame; "Holotypus" print. on red paper, black frame; "Ypophhaemyia / haywardi, / Blnchd. [handwr.] / det. E.E. Blanchard [print.] / Cotipo [handwr., side]" on white paper, black frame. One male, pinned, "Argentina / Tucumán" print. on white paper; "Ex / Prodenia / ornithogalli / Gn. [top right corner]" handwr. on white paper, black frame; "3527" handwr. on white paper, black frame; "Holotipo" handwr. with blue ink on white paper; "Ypophhaemyia / haywardi, / Blnchd. / det. E.E. Blanchard [print.] / Cotipo [handwr., side]" on white paper, black frame.

Note: Blanchard (1942: 372) cited a "Holotipo" male and gave data that matches both specimens listed here. We consider Blanchard (1942) to have erred in citing a holotype and accept the two males as syntypes. Currently treated as a valid species of *Protypophaemyia* Blanchard (Blanchard 1963; Guimarães 1971).

haywardi [*Plagiotachina*]. Blanchard, 1947b: 16–19. Argentina: Buenos Aires, El Tigre, Isla Noel.

HOLOTYPE: male, pinned, "s/Pieridae / Isla Noel / Tigre / 20/IV/45 [reverse] / 20/IV/45 / Aristóteles [reverse]" handwr. on white paper, black frame; "Plagiotachina / haywardi / Blanchard / Holotipo?" handwr. on white paper, black frame.

Note: Treated by Guimarães (1971) as a valid species of *Euphorocera* Townsend. Wood (1987) synonymized *Euphorocera* with *Chetogena* Rondani and transferred *haywardi* to this genus (see O'Hara & Wood 1998).

koehleri [*Actinoplagia*]. Blanchard, 1940: 234–237. Argentina: Arrecifes.

HOLOTYPE: male, pinned, "s/Th. gelo- / topoeon." handwr. on white paper, black frame; "Arrecifes / III-1939 / Köhler" handwr. on white paper, black frame; "Holotipo" handwr. on red paper, black frame; "Actinoplagia / köehleri, / sp. n. [handwr.] / det. E.E. Blanchard [print.]" on white paper, black frame.

Note: Currently treated as a valid species of *Actinoplagia* Blanchard (Guimarães 1971).

koehleri [*Gaediophanopsis*]. Blanchard, 1954: 31–34. Argentina: Salta, Orán.

HOLOTYPE: male, pinned, right wing glued on card, "s/Agrotis / gypaetina" handwr. on white paper, black frame; "Oran / Salta / XI-39 / Köehler" handwr. on white paper, black frame; "Gaediophanopsis / koehleri / Blnchd. [handwr.] / det. E.E. Blanchard [print.] / holotipo [handwr., side]" on white paper, black frame.

Note: Currently treated as a valid species of *Gaediophanopsis* Blanchard (Guimarães 1971).

koehleri [*Pseudohystricia*]. Blanchard, 1941: 368–370. Argentina: Salta, Metán.

SYNTYPE: one male, pinned, head glued on card, "Metan 1936 / Salta K. leg." handwr. on white paper; "Pseudohystricia / koehleri / Blnchd [handwr.] / det. E.E. Blanchard [print.]" on white paper, black frame.

Note: Described from two male syntypes (as "cotipos"), one of which was recognized in MACN (the other is presumably deposited in MLP). Currently treated as a valid species of *Jurinella* Brauer & Bergenstamm (Guimarães 1971).

kreibohmi [*Pronemorilla*]. Blanchard, 1942: 364–367. Argentina: Tucumán.

SYNTYPES: one female, pinned, "Argentina / Tucumán" print. on white paper; "Ex. / Prodenia / ornithogalli / Gn. [top right corner]" handwr. on white paper, black frame; "3528" handwr. on white paper, black frame; "Pronemorilla / kreibohmi, / Blnchd [handwr.] / det. E.E. Blanchard [print.] / Cotipo [handwr., side]" on white paper, black frame; "Sintipo" handwr. with blue ink on white paper. One female, pinned, "Argentina / Tucumán" print. on white paper; "Ex. / Prodenia / ornithogalli / Gn." handwr. on white paper, black frame; "3528" handwr. on

white paper, black frame; “Pronemorilla / kreibohmi, / Blnchd [handwr.] / det. E.E. Blanchard [print.] / Cotipo- [handwr., side]” on white paper, black frame; “Sintipo” handwr. with blue ink on white paper.

Note: Described from two female syntypes (as “Cotipos”), both recognized in MACN. Currently treated as a valid species of *Euwinthemia* Blanchard (Blanchard 1963; Guimarães 1971).

laspeyresiae [*Chaetolixophaga*]. Blanchard, 1940: 241–244. Argentina: Buenos Aires, La Plata.

SYNTYPE: one slide, male genitalia, 5° ST “s/L. molesta / La Plata / 8-XI-1938” handwr. on white paper, red frame; “♂ / Chaetolixophaga / laspeyresiae / g. et. sp. nov. / cotipo” handwr. on white paper, red frame; “Ch6” print. **One slide**, legs, wings and antenna, “s/L. molesta / La Plata / 8-XI-1938 / Lopez Cristóbal” handwr. on white paper, red frame; “♂ / Chaetolixophaga / laspeyresiae / g. et sp. nov. / cotipo” handwr. on white paper, red frame; “Ch7” print.

Note: Described from an unspecified number of male and female syntypes (as “Cotipos”). The slides listed here agree with the type locality, collecting date, and collector given by Blanchard (1940), and hence are considered as belonging to one syntype. The other syntypes are presumably lost. Currently treated as a valid species of *Chaetolixophaga* Blanchard (Guimarães 1971).

liebermanni [*Prosenactia*]. Blanchard 1940: 238–241. Argentina: San Juan, Jachal.

SYNTYPES: two females, glued to two cards, on one pin, “Jachal - S. Juan / 19-I-939. [handwr.] / Instit. Invest. Langosta [print.]” on white paper, black frame; “Cotipo” handwr. on blue paper, black frame; “Sintipos” handwr. with blue ink on white paper; “Prosenactia / liebermanni / Blnchd [handwr.] / det. E.E. Blanchard [print.] / Cotipo [handwr., side]” on white paper, black frame. **One slide**, right wing, “Jachal / San Juan / 19-I-1939 / J. Liebermann” handwr. on white paper, red frame; “Prosenactia / liebermanni, / Blnchd. / ♀ cotipo” handwr. on white paper, red frame. “P”65” print.

Note: Described from two syntypes (as “cotipos”), both recognized in MACN. They are both females, not males as published by Blanchard (1940). Currently treated as a valid species of *Prosenactia* Blanchard (Guimarães 1971).

lilloi [*Willistonia*]. Blanchard, 1954: 47–49. Argentina: Tucumán.

PARATYPES: one female, pinned, “parasite en gusanos de / Automeris stuarti / Valle de Tafí XII/1935” print. on white paper, folded; “Paratypus” print. on red paper, black frame; “Willistonia / lilloi / E.E. Blanchard / 1954” handwr. on white paper, black frame. **One** female, pinned, “11/XI/35 parásita / en larvas de / Eacles y Cithero- / nia” handwr. on white paper, black frame; “Willistonia / lilloi, / sp. nov. [handwr.] / det. E.E. Blanchard [print.] / paratipo [handwr., side]” on white paper, black frame; “Paratypus” print. on red paper, black frame. **Two** males, glued on card, on one pin, “N° IV / 24-X-41” handwr. on white paper, black frame; “Bahamon / des / Córdoba” handwr. on white paper, black frame; “IV” handwr. on bluish paper; “Paratypus” print. on red paper, black frame; “Willistonia / lilloi / E.E. Blanchard / 1954” handwr. on white paper, black frame.

Note: Described from a male holotype and ten paratypes (four males and six females). Only four paratypes were recognized in MACN; the remaining type specimens are presumably deposited in IFML. Currently treated as a valid species of *Belvosia* Robineau-Desvoidy (Guimarães 1971).

littoralis [*Epiplagiops*]. Blanchard, 1943a: 451–454. Argentina: Santa Fe.

SYNTYPES: one male, pinned, “N° [print.] 758 [handwr.] Montevideo / So AmerParas lab / Date Host [print.] / Listroderes sp. [handwr.] / Parker Barry Silveira [print.]” on white paper; “Epiplagiops / littoralis / Blnchd / det. E.E. Blanchard” handwr. on white paper, black frame. **One** female, pinned, “N° [print.] 758 [handwr.] Montevideo / So AmerParas lab / Date Host [print.] / Listroderes sp. [handwr.] / Parker Barry Silveira [print.]” on white paper; “Epiplagiops / littoralis / Blnchd / det. E.E. Blanchard” handwr. on white paper, black frame. **One** female, pinned, “N° [print.] 758 [handwr.] Montevideo / So AmerParas lab / Date Host [print.] / Listroderes sp. [handwr.] / Parker Barry Silveira [print.]” on white paper; “Santa Fé / Argent./ all.” handwr. on white paper; “Epiplagiops / littoralis / Blnchd / det. E.E. Blanchard” handwr. on white paper, black frame. **One** female, pinned, “N° [print.] 758 [handwr.] Montevideo / So AmerParas lab / Date Host [print.] / Listroderes sp. [handwr.] / Parker Barry Silveira [print.]”; “Epiplagiops / littoralis, / Blnchd [handwr.] / det. E.E. Blanchard [print.] / cotipos [handwr., side]” on white paper, black frame.

Note: Described from an unspecified number of male and female syntypes (as “Cotipos”). One male and three female syntypes were recognized in MACN. Only one female bears a “cotipos” label but all four specimens are accepted as syntypes because their data labels agree with the type locality, collecting date, and collectors as given by Blanchard (1943a). Currently treated as a valid species of *Epiplagiops* Blanchard (Guimarães 1971).

***lloydii* [Dasyuromyia].** Blanchard, 1947a: 258–262. Argentina: Río Negro, El Bolsón.

SYNTYPES: **one** male, glued on card, “Ex. larva / de Macroso / ma / glaciale” handwr. on white paper, black frame; “El. Bolsón / Jun. 1946 / leg. Lloyd” handwr. on white paper, black frame; “Dasyuromyia / lloydii / Blnchd [handwr.] / det. E.E. Blanchard [print.] / cotipo [handwr., side]” on white paper, black frame; “Col. E. E. / Blanchard” print. on white paper, black frame. **One** male, glued on card, “Ex. larva de / Macrosoma / glaciale” handwr. on white paper, black frame, “El Bolsón / Jun. 1946 / leg. Lloyd.” handwr. on white paper, black frame; “Lloydii ♂” handwr. with blue ink on white paper. **One** male, slide, wings and sternite 5, “Dasyuromyia / lloydii / Blnchd / cotipo” handwr. on white paper, red frame; “s/Sericoides / glacialis / El Bolsón / 1946” handwr. on white paper, red frame; “D20” print. on white paper. **One** female, glued on card, “Ex larva / de Macroso / ma / glaciale” handwr. on white paper, black frame; “El Bolsón / Jun. 1946 / leg. Lloyd” handwr. on white paper, black frame. **One** slide, legs and abdomen, “Dasyuromyia / lloydii / Blnchd / cotipo” handwr. on white paper, red frame; “s/Sericoides / glacialis / El Bolsón / 1946” handwr. on white paper, red frame; “D21” print.

Note: Described from three male and two female syntypes (as “Cotipos”), of which two complete males and one complete female (on pins) and two slides (at least one of them belonging to a male and possibly both representing the same specimen) were recognized in MACN. The slide belonging to a male syntype preserves the wing figured by Blanchard (1947a: fig. 1a). The remaining syntypes are presumably lost. Currently treated as a valid species of *Dasyuromyia* Bigot (Guimarães 1971).

***lugubris* [Pseudobelvoscia].** Blanchard, 1954: 10–12. Argentina: Misiones.

HOLOTYPE: female, pinned, damaged, with left wing glued on card, “5466 / 34” handwr.; “Misiones [print.] / 4-9-909 [handwr.]”; “Pseudobelvoscia / lugubris, / g. et sp. nov. [handwr.] / det. E.E. Blanchard [print.] / holotipo [handwr., side]” on white paper, black frame; “Holotypus” print. on red paper, black frame.

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

***malloii* [Austrophytomyptera].** Blanchard, 1962: 253–255. Argentina: Córdoba, Cruz del Eje.

HOLOTYPE: male, head and abdomen glued on triangular cards, “Cruz del Eje, 27-IX-60 / Mallo leg / ex Loxostege bifidalis [reverse] / Austrophytomyptera / malloii g. et sp.n. [reverse]” handwr. with blue ink, on white paper, folded. **One slide**, legs and scutellum, “ex Loxostege / bifidalis / s/yuyo colorado / Cruz del Eje” handwr.; “Austrophytomyptera / malloii / g. n. sp.nov.” handwr.; “A’97” print. **One slide**, legs and wings, “ex Loxostege / bifidalis / s/yuyo colorado / Cruz del Eje” handwr.; “Austrophytomyptera / malloii / g. n. sp. nov.” handwr.; “A’98” print.

Note: Currently treated as a valid species of *Austrophytomyptera* Blanchard (Guimarães 1971).

***martinezii* [Euparafrontina].** Brèthes, 1917: 18. Peru: Lima.

LECTOTYPE: male, pinned, “Lima / Dr. Martínez”; “Euparafrontina / martinezii Brèthes”; “type!” all labels handwr. by Brèthes.

Note: The original type series consisted of one male and one female. Townsend’s (1941: 213) mention of “Ht male” from Lima in MACN (as “Buenos Aires”) is regarded as a lectotype fixation of the male labeled as type by Brèthes. Currently treated as an unrecognized species of *Lespesia* Robineau-Desvoidy (Beneway 1963; Guimarães 1971).

***nigricauda* [Erigonopsis].** Blanchard, 1963: 178–181. Argentina: Tucumán.

HOLOTYPE: male, pinned, head and leg glued on triangular cards, on one pin, “Agriotid / cutworm” handr. on white paper, black frame; “Erigonopsis / nigricauda / sp.n [handwr.] / det. E.E. Blanchard [print.]” on white paper, black frame; “col. E.E. / Blanchard” print. on white paper, black frame. **PARATYPES:** **two** males and **three** females, pinned, “Agriotid / cutworm” handwr. on white paper, black frame; “Argentina / Tucumán” print. on white paper, black frame; “col. E.E. / Blanchard” print. on white paper, black frame.

Note: Described from a male holotype and six paratypes (three males and three females, including an allotype), all recognized in MACN except for one male paratype presumably lost. Currently treated as a valid species of *Dolichostoma* Townsend (Guimarães 1971).

oeceticola [*Patelloopsis*]. Blanchard, 1963: 209–210. Argentina: San Juan.

SYNTYPES: two males, glued on two cards, one puparium and rest of the host glued on card, on one pin, “San Juan / III-44” handwr. on white paper, black frame; “s/bicho / de cesto. / Lopez Mansilla” handwr. on white paper, black frame; “My LXXIII F120” handwr. on white paper; “Col. E.E. / Blanchard” print. on white paper, black frame. **One** male, glued on card, “s/bicho cesto / San Juan” handwr. on white paper, black frame; “Col. E.E. / Blanchard” print. on white paper, black frame. **One** male, glued on card, “s/bicho cesto / San Juan” handwr. on white paper, black frame; “Col. E.E. / Blanchard” print. on white paper, black frame.

Note: Described from four male syntypes (as “Cotipos”), all recognized in MACN. Currently treated as a valid species of *Patellooa* Townsend (Guimarães 1971).

pastranai [*Neochaetoplagia*]. Blanchard, 1963: 173–175. Argentina, Buenos Aires [as “Capital Federal”].

PARATYPE: female, glued on triangular card, “ex. Faronta / albilinea, HG” handwr. on white paper; “Cap. Fed / 1958 / Pastrana leg.” handwr. on white paper; “Typus” print. on red paper, black frame; “*Neochaetoplagia* / pastranai / g. et sp. nov. [handwr.] / det. E.E. Blanchard [print.]” on white paper, black frame.

Note: Described from a holotype male and allotype female, of which only the allotype was recognized in MACN. The holotype is presumably lost. Currently treated as a valid species of *Neochaetoplagia* Blanchard (Guimarães 1971).

patagonica [*Neowinthemia*]. Blanchard, 1963: 221–223. Argentina: Neuquén, Plottier; Río Negro, Cipolletti, Choele Choel.

SYNTYPES: **one** male, pinned, “S/Agriotis ?en / alfalfa / Plottier Neuquén / pupa 17/XII/32” handwr. on white paper, black frame; “*Neowinthemia* / *patagonica*, / Blnchd [handwr.] [reverse] / *Trisisyropa* / *Winthemia* / *patagonica*, / Blnchd [handwr.] / det. E.E. Blanchard [print.] [reverse]” on white paper, black frame; “Col. E.E. / Blanchard” print. on white paper, black frame. **Seven** males, pinned, “S/Agriotis ?en / alfalfa / Plottier Neuquén / pupa 17/XII/32” handwr. on white paper, black frame; “N. *patagonica* / ♂ Blnchd / det. Blanchard” handwr. on white paper, black frame. **One** male, pinned, “S/Dirphia / lauta / Köhler col.” handwr. on white paper, black frame; “Cipolletti / 23-XI-1932” handwr. on white paper, black frame; “N. *patagonica* / ♂ Blnchd / det. Blanchard” handwr. on white paper, black frame. **One** male, glued on card, “Choele Choel / R. Negro / I-1933 / Köhler leg.” handwr. on white paper, black frame; “N. *patagonica* / ♂ Blnchd / det. Blanchard” handwr. on white paper, black frame; “col. E.E. / Blanchard” print. on white paper, black frame.

Note: Blanchard (1963) cited his examined material as consisting of five male “Cotipos” and an unspecified number of “Paratipos” (possibly including both sexes since the female is described), all here considered syntypes. Eight specimens in MACN match the data published for the “Cotipos”. We accept all eight as syntypes and regard Blanchard’s mention of only five “Cotipos” as an error. Only two syntypes originally mentioned as “Paratipos” were recognized in MACN. The remaining type specimens are presumably lost. Currently treated as a valid species of *Winthemia* Robineau-Desvoidy (Guimarães 1971).

peruviana [*Melaleuca*]. Brèthes, 1920b: 31–32. Peru: Lima.

SYNTYPE: **one** female, pinned, “Lima / E. Martínez / II-1919” handwr. on white paper; “type!” handwr. by Brèthes; “*Melaleuca* / *peruviana* Brèthes” handwr. by Brèthes.

Note: Described from one or more females. Treated by Guimarães (1971) as an unrecognized species of *Zelia* Robineau-Desvoidy.

platensis [*Parasetigena*]. Brèthes, 1922: 20–21. Argentina: Buenos Aires.

SYNTYPES: **one** female, pinned, “*Parasetigena* / *platensis* Brèthes / parásito de *Oecetis*- / *cus platensis* / Bs. As., 27-III-1921 / J.B. type!!” handwr. on white paper. **Four** males, pinned, “BS AS / 23.III.1921 / J.B.”; “parásito de *Oeceticus*, / *platensis*”; “*Parasetigena* / *platensis* Brèthes”; “type!” handwr. by Brèthes on white paper; a red square piece of paper.

Note: Described from four males and one female, all recognized in MACN. Treated by Guimarães (1971) as an

unrecognized species of *Euphorocera* Townsend. Wood (1987) synonymized *Euphorocera* with *Chetogena* Rondani and transferred *platensis* to this genus (see O'Hara & Wood 1998).

porteri [*Epalpus*]. Brèthes, 1918a: 50. Chile: La Ligua.

SYNTYPE: one female, pinned, damaged, without head, “Ligua (Chile) / II.1914 / C. E. Porter” handwr.; “*Epalpus* / *porter* Brèthes” handwr. by Brèthes. Examined by Cortés (1963).

Note: Described from an unknown number of specimens of unspecified sex. Currently treated as a valid species of *Epalpus* Rondani (Guimarães 1971).

porteri [*Ocyptera*]. Brèthes, 1925: 208. Chile: Las Condes.

HOLOTYPE: female, pinned, “Las Condes / Chili / Porter”; “*Ocyptera* / *porter* Brèthes” handwr. on white paper; “type!” handwr. by Brèthes; a red square piece of paper. Examined by Cortés (1963), cited as male.

Note: Brèthes (1925) cited one male specimen, but the specimen labeled as type is a female. All labels of this specimen agree with data given in the original description, hence we accept this specimen as the holotype. Currently treated as a valid species of *Cylindromyia* Meigen (Aldrich 1934; Guimarães 1971, 1976).

porteri [*Parasetigena*]. Brèthes, 1920c: 12–13. Chile: Santiago.

SYNTYPE: one female, pinned, puparium pinned below, “Santiago / XI-919 / C.E. Porter” handwr. by Brèthes; “Type!” handwr. by Brèthes; “*Parasetigena* / *aurifrons* Brèthes” handwr. by Brèthes on white paper. Examined by Cortés (1963).

Note: Described from an unknown number of females. Currently treated as a valid species of *Stomatotachina* Townsend (Guimarães 1971).

proseni [*Parachaetopsis*]. Blanchard, 1959: 163–166. Argentina: Buenos Aires.

HOLOTYPE: male, pinned, leg glued on card, “ex *Halisidota* / *fuscipennis*” handwr. on white paper, black frame; “Cap. Fed./ XII-1949 / Foerster leg.” handwr. on white paper, black frame; “col. E.E. / Blanchard” print. on white paper, black frame; “*Parachaetopsis* / *proseni*, / Blnchd. [handwr.] / det. E.E. Blanchard [print.]” on white paper, black frame.

Note: Described from a male holotype and five paratypes (two males and three females). Only the holotype was recognized in MACN; the paratypes are presumably lost. Currently treated as a junior synonym of *Leschenaultia bicolor* (Macquart) (Toma & Guimaraes 2002; name missing from Guimaraes 1971).

protoginoi [*Achaetoneuropsis*]. Blanchard, 1966a: 28–31. Argentina: Buenos Aires, Quilmes, La Plata, Vicente López, José C. Paz.

SYNTYPES: three males, glued on three cards, on one pin, “s/*Papilio* / *thoantiades*” handwr. on white paper, black frame; “Quilmes / III-1936” handwr. on white paper, black frame; “♂” handwr. with red ink on white paper; “*Achaetoneura* / *protoginoi*, Blnchd/ det. Blanchard” handwr. on white paper, black frame; “Col. E.E. / Blanchard” print. on white paper, black frame. **Three** males, glued on three cards, on one pin, “♂” handwr. with red ink on white paper; “s/oruga / P. *thoantiades*” handwr. on white paper, black frame; “Quilmes / I-940 / *Protoginoi*” handwr. on white paper, black frame; “Col. E.E. / Blanchard” print. on white paper, black frame; “*Achaetoneura* / *protoginoi*, Blnchd / det. Blanchard” handwr. on white paper, black frame. **Three** males, glued on three cards, on one pin, “s/*Papilio* / *thoantiades* / Bs. As. / V-1937” handwr. on white paper, black frame; “♂” handwr. with red ink on white paper; “*Achaetoneura* / *protoginoi*, Blnchd/ det. Blanchard” handwr. on white paper, black frame. **One** male and **one** female, glued on two cards, on one pin, “s/*Papilio* / *thoantiades* / Bs. As. / V-1937” handwr. on white paper, black frame; “♀” handwr. with red ink on white paper; “*Lespesia* / *protoginoi* (Blanch.)” handwr. on white paper, black frame. **One** male, pinned, “La Plata / X-1941 / leg. Gratoni” handwr. on white paper, black frame; “criada de crisá / lidas de *Papilio* / *thoas thoantia* / des” handwr. on white paper, black frame; “*Achaetoneura* / *protoginoi*, Blnchd / det. Blanchard” handwr. on white paper, black frame; “Col. E.E. / Blanchard” print. on white paper, black frame. **One** female, pinned, abdomen glued on triangular card, “La Plata / X-1941 / leg. Gratoni” handwr. on white paper, black frame; “criada de crisá / lidas de *Papilio* / *thoas thoantia* / des” handwr. on white paper, black frame; “♀” handwr. with red ink on white paper. **One** male, pinned, puparium glued on card, “s/ crisálida / *Papilio thoantiades* / V. Lopez / 10-VI-1926” handwr. on white paper, black frame; “*Achaetoneura* /

protoginoi, / Blnchd [handwr.] / det E. E. Blanchard [print.] / ♂ [handwr. red ink]" on white paper, black frame; "Col. E.E. / Blanchard" print. on white paper, black frame. **One** male, leg and two puparia glued on four cards, on one pin, "III-44" handwr. on white paper, black frame; "s/Papilio / Tigre / Bourquin" handwr. on white paper, black frame; "♂" handwr. with red ink on white paper; "Achaetoneura / protoginoi, Blnchd / det. Blanchard" handwr. on white paper, black frame; "Col. E.E. / Blanchard" print. on white paper, black frame. **One** female and three puparia, glued on four cards, on one pin, "III-44" handwr. on white paper, black frame; "s/Papilio / Tigre / Bourquin" handwr. on white paper, black frame. **One** female, glued on triangular card, puparia glued on card, on one pin, "ex Papilio thoas" handwr. on white paper; "J. C. Paz / III-1951 / Turica" handwr. on white paper; "Achaetoneura / protoginoi / Blnchd/ det. Blanchard" handwr. on white paper, black frame. **One** female, glued on triangular card, puparia glued on card, on one pin, "ex Papilio thoas" handwr. on white paper; "J. C. Paz / III-1951 / Turica" handwr. on white paper; "Achaetoneura / protoginoi / Blnchd / det. Blanchard" handwr. on white paper, black frame.

Note: Blanchard (1966a) cited his examined material as consisting of two male "Cotipos" and an unspecified number of "Paratipos" of unspecified sex, all here considered syntypes. Three specimens in MACN match the data published for the "Cotipos". We accept all three as syntypes and regard Blanchard's mention of only two "Cotipos" as an error. Fifteen syntypes that were originally published as "Paratipos" were recognized in MACN. Currently treated as a valid species of *Lespesia* Robineau-Desvoidy (Guimarães 1983).

pseudodaemon [Itarchytas]. Blanchard, 1940: 225–229. Argentina: Córdoba, Cruz Chica; Buenos Aires, Tandil, Sierra de la Ventana.

SYNTYPES: **one** male, pinned, "s/Neobourqu / inia cordobensis" handwr. on white paper, black frame; "Cruz Chica / Bourquin leg." handwr. on white paper, black frame; "cotipo" handwr. on blue paper, black frame; "Itarchytas / pseudodaemon / Blnchd [handwr.] / det. E.E. Blanchard [print.]" on white paper, black frame; "Col. E.E. / Blanchard" print. **One** male, pinned, without left wing, "s/Neobourquinia / cordobensis" handwr. on white paper, black frame; "Cruz Chica / Bourquin l." handwr. on white paper, black frame; "cotipo" handwr. on blue paper, black frame. **Two** females, pinned, one without left wing, "s/Neobourquinia / cordobensis" handwr. on white paper, black frame; "Cruz Chica / Bourquin l." handwr. on white paper, black frame; "cotipo" handwr. on blue paper, black frame. **One** male, pinned, head and abdomen glued on card, "s/Neobourquinia / cordobensis" handwr. on white paper, black frame; "Cruz Chica / Bourquin l." handwr. on white paper, black frame; "cotipo" handwr. on blue paper, black frame; "I. pseudodaemon / Blnchd" handwr. on white paper, black frame. **One slide**, genitalia, "s/ Neobourquinia / cordobensis / Kohler" handwr. on white paper, red frame; "♂ Itarchytas / pseudodaemon / g. et sp. n. / cotipo" handwr. on white paper, red frame; "I3" print. **One** male and **one** female, pinned, "s/Neobourquinia / cordobensis" handwr. on white paper, black frame; "Tandil / 30-VI-39 / P. Koehler" handwr. on white paper, black frame; "paratipo" handwr. on yellow paper, black frame.

Note: Blanchard (1966a) cited his examined material as consisting of three male and two female "Cotipos" and one male and two female "Paratipos", all here considered syntypes. All syntypes were recognized in MACN except for one female syntype, which is presumably in MLP. Currently treated as a valid species of *Archytas* Jaennicke (Guimarães 1961, 1971).

pseudomaculata [Siphona]. Blanchard, 1963: 233–235. Argentina: Santa Fe.

SYNTYPES: **two** females, and two puparia glued on three cards, on one pin, "N°5" handwr. on white paper, black frame; "Sta. Fe / M. Griot / XI.42" handwr. on white paper, black frame; "Siphona / pseudomaculata / E.E. Blanchard / syntypi" handwr. on red paper, black frame. **One** female, damaged, glued on two cards, two puparia glued on card, on one pin, "N°5" handwr. on white paper, black frame; "Sta. Fe / M. Griot / XI.42" handwr. on white paper, black frame; "Siphona / pseudomaculata / E.E. Blanchard / syntypus" handwr. on red paper, black frame. **One** female, damaged, glued on two cards, two puparia glued on card, on one pin, "N°5" handwr. on white paper, black frame; "Sta. Fe / M. Griot / XI.42" handwr. on white paper, black frame; "syntypi" handwr. on red paper, black frame; "Siphona / pseudomaculata / Blnchd [handwr.] / det. E.E. Blanchard [print.] / cotipos [handwr., side]" on white paper, black frame.

Note: Described from four female syntypes (as "Cotipos") (all recognized in MACN) and at least one male that was not included in the type series. Currently treated as a valid species of *Siphona* Meigen (Guimarães 1971; O'Hara 1989, in subgenus *Siphona*).

pseudopyrrhopoda [Eudejeaniops]. Blanchard, 1941: 353–355. Argentina: Jujuy, Paseo de la Vaca.

SYNTYPES: one female, pinned, “Prov.de / Jujuy / II-1925” handwr. on white paper, black frame; “cotipo” on red paper, black frame; “Eudejeaniops / pseudopyrrhopoda / Blnchd [handwr.] / det. E.E. Blanchard [print.]” on white paper, black frame; “Col. E. E. / Blanchard” print. on white paper, black frame. One female, pinned, “Prov.de / Jujuy / II-1925” handwr. on white paper, black frame; “cotipo” on red paper, black frame; “Col. E. E. / Blanchard” print. on white paper, black frame.

Note: Described from four female syntypes (two as “cotipos” and two as “paratipos”). Only two syntypes were recognized in MACN; the remaining syntypes are presumably deposited in MLP. Currently treated as a valid species of *Eudejeania* Townsend (Sabrosky 1947; Guimarães 1971).

pueyrredoni [Hystrichodexia]. Brèthes, 1918b: 115. Argentina: Córdoba.

HOLOTYPE: male, pinned, “? ? / XI.1917” handwr.; “Hystrichodexia / pueyrredoni Br.” handwr. on white paper.

Note: Currently treated as a valid species of *Hystrichodexia* Röder (Guimarães 1971).

quinquevittata [as “5-vittata”] [*Proparachaetopsis*]. Blanchard, 1942: 367–370. Argentina: Tucumán.

HOLOTYPE: male, pinned, genitalia in plastic microvial, “Argentina / Tucumán [print.] / 13.I. [handwr.] 19 [print.] 29 [handwr.]”; “col. E.E. / Blanchard” print. on white paper, black frame; “Holotipo / ♂” handwr. on pink paper; “Proparachaetopsis / 5-vittata / Blnchd [handwr.] / det. E.E. Blanchard [print.]” on white paper, black frame.

Note: Treated as a valid species of *Proparachaeta* Townsend by Guimarães (1971). Toma and Guimarães (2000) removed *Proparachaetopsis* Blanchard from synonymy with *Proparachaeta* and recognized *Proparachaetopsis quinquevittata* as a valid species.

rhynchophorae [Parabillaea]. Blanchard, 1937: 44–47. Argentina: Misiones, San Ignacio.

SYNTYPES: one male, glued on card, puparium glued on card, on one pin, “s/Rhynchophorus / palmarum” handwr. on white paper, black frame; “Est. Exp. Loreto [print.] / 193 [print.] 5-11 [handwr.] / Dr. A. Ogleblin [print.]” on white paper; “Parabillaea / rhyncophorae,/ Blnchd [handwr.] / det. E.E. Blanchard [print.] / Cotipos [handwr., side]” on white paper, black frame. One male, glued on card, puparium glued on card, on one pin, “s/Rhynchophorus / palmarum” handwr. on white paper, black frame; “Est. Exp. Loreto [print.] / 193 [print.] 5-11 [handwr.] / Dr. A. Ogleblin [print.]” on white paper. One female, glued on card, puparium glued on card, on one pin, “s/Rhynchophorus / palmarum” handwr. on white paper, black frame; “Est. Exp. Loreto [print.] / 193 [print.] 5-11 [handwr.] / Dr. A. Ogleblin [print.]” on white paper. One female, glued on card, puparium glued on card, on one pin, “s/Rhynchophorus / palmarum” handwr. on white paper, black frame; “Est. Exp. Loreto [print.] / 193 [print.] 5-11 [handwr.] / Dr. A. Ogleblin [print.]” on white paper. One female, glued on card, puparium glued on card, on one pin, “s/Rhynchophorus / palmarum” handwr. on white paper, black frame; “Est. Exp. Loreto [print.] / 193 [print.] 5-11 [handwr.] / Dr. A. Ogleblin [print.]” on white paper. One slide, male genitalia (surstylos), “Lab. Zoologia Agricola [print.]/ ex Rhynchophorus / palmarum L. / Misiones / 1935 / Ogleblin [handwr.]” on white paper, black frame; “Lab. Zoologia Agricola [print.] / Parabillaea / rhynchophorae / Blnchd / Cotipo [handwr.]” on white paper, black frame; “P”74” print. on white paper. One slide, male genitalia (phallus, cerci, surstylus and sternite 5), “Lab. Zoologia Agricola [print.] / Parabillaea / rhynchophorae / Blnchd [handwr.]” on white paper, black frame; “P”75” print.

Note: Described from an unspecified number of males and females (as “Cotipos”). Treated as a junior synonym of *Paratheresia brasiliensis* Townsend by van Emden (1949) and Guimarães (1971, 1977). Wood (1987) synonymized *Paratheresia* Townsend with *Billaea* Robineau-Desvoidy and transferred *brasiliensis* to this genus (see O’Hara & Wood 1998).

ruficauda [Parabrachycoma]. Blanchard, 1940: 229–233. Argentina: Salta, Tucumán.

SYNTYPES: One slide, male genitalia (cerci, surstylus, pregonite, postgonite and phallus), “s/Alabama / argillacea / Salta / IV.1936 / Bazan leg.” handwr. on white paper, red frame; “Parabrachycoma / ruficauda / Blnchd / tipo ♂” handwr. on white paper, red frame; “P”76” print. on white paper. One slide, male abdomen (sternites 1–5), “s/Alabama / argillacea / Salta / IV.1936 / Bazan leg.” handwr. on white paper, red frame; “Parabrachycoma / ruficauda / Blnchd / tipo ♂” handwr. on white paper, red frame; “P”77” print. on white paper.

Note: Originally described from four syntypes (one male and two females as “Tipos” and one female as

“Paratipo”). Only two slides belonging to the male syntype were recognized in MACN; the remaining syntypes are presumably lost. Currently treated as a valid species of *Parabrachycoma* Blanchard (Guimarães 1971).

semiaurata [*Ypophaeomyia*]. Blanchard, 1959: 170–172. Argentina: Misiones, Posadas.

HOLOTYPE: male, glued on triangular card, “s/Danais / erripus [sic!]” handwr. on white paper, black frame; “Posadas / XI-1940” handwr. on white paper, black frame; “Holotipo” handwr. on red paper, black frame; “Ypophaeomyia / semiaurata / Blnchd. [handwr.] / det. E.E. Blanchard [print.]” on white paper, black frame. **PARATYPES:** one male, glued on card, “s/Ecpante- / ria [sic!] - sp.” on white paper, black frame; “Cruz Chica / 1936” handwr. on white paper, black frame; “Paratipo” handwr. on white paper, black frame. **One** female, glued on card, “Danais / erripus [sic!]” handwr. on white paper, black frame; “Posadas / Mis. / XI-1940” handwr. on white paper, black frame; “Alotipo” handwr. on red paper, black frame; “Ypophaeomyia / semiaurata / Blanchard” handwr. on white paper, black frame. **Three** males, glued on three cards, each with puparium glued on card, on three pins, “Danais / erripus [sic!]” handwr. on white paper, black frame; “Posadas / XI-1940” handwr. on white paper, black frame; “paratipo” handwr. on white paper, black frame; “Ypophaeomyia / semiaurata / Blanchard” handwr. on white paper, black frame. **One** female, pinned, damaged, without abdomen and right wing, “Ex Mallocephala / sp. / col. Hayward / X-1935” handwr. on white paper, black frame; “Est. Exp. / Concordia / Entre Ríos” handwr. on white paper, black frame; “paratipo” handwr. on white paper, black frame; “Ypophaeomyia / semiaurata / Blanchard” handwr. on white paper, black frame. **One** female, glued on plastic card, “s/Sibine sp. / V. Lopez 1929 / Lizer leg. XII-1929” handwr. on white paper, black frame; “paratipo” handwr. on white paper, black frame; “Ypophaeomyia / semiaurata / Blanchard” handwr. on white paper, black frame. **One** male and **five** females, glued on cards, on three pins, “s/Danais / erripus [sic!]” handwr. on white paper, black frame; “S. Fé / XI-1938 / M. Griot” handwr. on white paper, black frame; “paratipo” handwr. on white paper, black frame; “Ypophaeomyia / semiaurata / Blanchard” handwr. on white paper, black frame.

Note: Described from a male holotype and 13 paratypes (five males and eight females, including an allotype), all recognized in MACN. *Ypophaeomyia semiaurata* is missing from Guimarães (1971). Treated as a junior synonym of *Lespesia danai* (Townsend) by Guimarães (1983).

tenuis [*Actinotachina*]. Blanchard, 1959: 176–178. Argentina: Buenos Aires, José C. Paz.

HOLOTYPE: female, glued on triangular card, “ex. Ecpanteria / indecisa” handwr. on white paper; “José C. Paz / IX/1951” handwr. on white paper; “Tachinophyto / ? sp. [handwr.] / det. E.E. Blanchard [print.]” on white paper, black frame; “Col. E. E. / Blanchard” print. on white paper, black frame; “Actinotachina ? / tenuis, / sp. nov. [handwr.] / det. E.E. Blanchard [print.]” on white paper, black frame. **One slide**, wing, “Actinotachina / tenuis / sp.nov. / holotipo” handwr. on white paper; “Ecpanteria / indecisa / Wlk. / José C. Paz / IX-1951” handwr.; “A’96” print.

Note: The right wing of the holotype is mounted separately on a slide. Treated by Guimarães (1971) as a valid species of *Actinotachina* Townsend. *Actinotachina tenuis* is presumed to belong to *Lixophaga* Townsend because the genus in which it was described, *Actinotachina*, was synonymized with *Lixophaga* by Wood (1985).

tibialis [*Parabelvosia*]. Blanchard, 1954: 13–15. Argentina: Misiones.

HOLOTYPE: male, pinned, “5446 / 34” handwr. on white paper; “Misiones [print.] / 18-I-910 [handwr.]” on white paper; “Parabelvosia / tibialis / gen. et sp. n. [handwr.] / det. E.E. Blanchard [print.] / holotipo [handwr., side]” on white paper, black frame; “Holotypus” print. on red paper, black frame.

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

townsendi [*Protypophaemyia*]. Blanchard, 1963: 245–247. Argentina: Santa Fe.

HOLOTYPE: male, glued on card, legs and abdomen glued on card, on one pin, “S/Plusia nu / Santa Fé / II-1938 / Köhler” handwr. on white paper, black frame; “Protypophaemyia / townsendi,/Blnchrd [handwr.] [reverse] / Ypophaeomyia / townsendi, / n.sp. [handwr.] / det. E.E. Blanchard [print.] [reverse]” on white paper, black frame.

PARATYPES: **six** females, glued on cards on four pins, “S/Plusia nu / Santa Fé / II-1938 / P. Köhler leg.” handwr. on white paper, black frame; “P. townsendi / Blnchrd / det. Blanchard” handwr. on white paper, black frame; “Col. E. E. / Blanchard” print. on white paper, black frame.

Note: Blanchard (1963) cited his examined material as consisting of a male holotype and three male and three female paratypes. There are six females and no males in MACN that match the data published for the paratypes. We accept these six females as paratypes and regard Blanchard's mention of three male paratypes as an error. Currently treated as a valid species of *Protypophaemyia* Blanchard (Guimarães 1971).

tucumanus [*Rhachoepalpus*]. Blanchard, 1941: 375–378. Argentina: Tucumán.

SYNTYPE: one male, pinned, “Tucumán / X-1932 / J. M. Bosq” handwr. on white paper, black frame; “cotipo” handwr. on blue paper, black frame; “Neorachoeopalpus / tucumanus / Blnchd [handwr.] / det. E.E. Blanchard [print.]” on white paper, black frame; “Rachoeopalpus / tucumanus / Blnchd [handwr.] / det. E.E. Blanchard [print.]” on white paper, black frame.

Note: Described from two male syntypes (as “Cotipos”), one of which was recognized in MACN (the other is presumably deposited in MLP). Currently treated as a valid species of *Rhachoepalpus* Townsend (Guimarães 1971).

turicai [*Allosturmia*]. Blanchard, 1958: 36–39. Argentina: Buenos Aires, José C. Paz.

SYNTYPES: one male, glued on triangular card, two puparia glued on card, on one pin, “ex Hylesia / nigricans” handwr.; “J. C. Paz / Turica leg. / 15-III-56” handwr.; “Allosturmia / turicai / n. g. et sp. [handwr.] / det. E.E. Blanchard [print.] / 3 cotipos [handwr.]” on white paper, black frame. One male, glued on triangular card, two puparia glued on card, on one pin, “ex Hylesia / nigricans” handwr. on white paper; “J. C. Paz / Turica leg. / 15-III-56” handwr. on white paper; “Allosturmia / turicai / n. g. n. sp. / det. E.E. Blanchard [handwr.] / 2 cotipos [handwr., side]” on white paper, black frame.

Note: Described from three male syntypes (as “Cotipos”), two of which were recognized in MACN (the other is presumably lost). Currently treated as a valid species of *Allosturmia* Blanchard (Guimarães 1971).

wagneri [*Archytodejeania*]. Blanchard, 1941: 351–353. Argentina: Santiago del Estero.

SYNTYPES: four females, pinned, “S. del Est. / 1919” handwr. on white paper, black frame; “Col. E.E. / Blanchard” print. on white paper, black frame; “Archytodejeania / wagneri / Blnchd / ¿Cotipo?” handwr. on white paper, black frame.

Note: Described from six female syntypes (as “cotipos”), of which four were already recognized in MACN by Avalos (1988). The remaining two syntypes are presumably deposited in MLP. Currently treated as a valid species of *Archytas* Jaennicke (Guimarães 1971).

Specimens in MACN that are incorrectly labeled as types

argentinensis [*Hyalomyodes*]. Blanchard, 1942: 358–360. Argentina: Buenos Aires.

One specimen: one male, glued on triangular card, puparium glued on card, on one pin, “Palermo. C.F / 26.III.42 [handwr.] / Instit. Invest. Langosta” on white paper, black frame; “S.N.° 26 / sobre bicho / moro.” handwr. on white paper, black frame; “Hyalomyodes / argentinensis / Blnchd [handwr.] / det. E.E. Blanchard [print.] / Holotipo [handwr., side]” on white paper, black frame.

Note: *Hyalomyodes argentinensis* was described from a male holotype from Buenos Aires reared from *Epicauta adspersa* on 26 March 1942. These data do not match the specimen in MACN that has “Holotipo” handwritten on the side of Blanchard's determination label. Treated by Guimarães (1971) as a valid species of *Hyalomyodes* Townsend. *Hyalomyodes argentinensis* is presumed to belong to *Strongygaster* Macquart because the genus in which it was described, *Hyalomyodes*, was synonymized with *Strongygaster* by Wood (1987).

brevicornis [*Haywardimyia*]. Blanchard, 1955: 23–25. Argentina, Tucumán.

Two specimens: one male, glued on triangular card, “R.A. Salta / Cafayate / IV.1955 / K.Y. Hayward” handwr. on white paper; “Paratipo” print. on white paper, black frame; “Haywardimyia / brevicornis / ♂ n. sp. [handwr.] / det. E.E. Blanchard [print.]” on white paper, black frame. One female, glued on triangular card, “R.A. Salta / Cafayate / IV.1955 / K.Y. Hayward” handwr. on white paper, black frame; “Paratipo” print. on white paper, black frame; “Haywardimyia / brevicornis / ♀ n. sp. [handwr.] / det. E.E. Blanchard [print.]” on white paper.

Note: *Haywardimyia brevicornis* was described from an unspecified number of male and female syntypes (as

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“Cotipos”) from Tucumán. The two specimens labeled as paratypes in MACN are not from the type locality and do not have host data. Currently treated as a valid species of *Haywardimyia* Blanchard (Guimarães 1971, as “*Haywardiamyia*”).

caridei [Parexorista]. Brèthes in Massini & Brèthes, 1918: 214–215. Argentina: Córdoba.

Four specimens: **one** male and **one** female, on two pins, “Córdoba / II.1919 / J.B.” handwr. by Brèthes on white paper; “parasite d’Oeceticus / platensis Berg” handwr. by Brèthes on white paper; “Parexorista / caridei Brèthes” handwr. by Brèthes on white paper; “Type!” handwr. by Brèthes on white paper. **One** male, pinned, “Baradero / 10.III.1922 / J. B.” handwr. by Brèthes on white paper; “Parásito del / bicho de cesto” handwr.; “Parexorista / caridei Brèthes” handwr. by Brèthes; “cotype!” handwr. by Brèthes; a red square piece of paper. **One** male, pinned, “Córdoba / II.1922 / J. B.” handwr. by Brèthes; “Parexorista / caridei Brèthes” handwr. by Brèthes; “Parásito del / bicho de cesto” handwr. by Brèthes; “type!” handwr. by Brèthes. **One** male and one puparium, pinned one above the other, “Paratipo” handwr. on red paper; “Parexorista / caridei - entre / gada por Brethes” handwr. on white paper; “Parexorista / caridei Breth.” handwr. on white paper, black frame; “Plagiotachina/ caridei, / (Brethes) [handwr.] / det. E.E. Blanchard [print.]”.

Note: *Parexorista caridei* was described from an unspecified number of males and females. Four specimens in MACN were labeled as types by Brèthes but were collected too late to have been part of the type series. A fifth specimen labeled as “Paratipo” has no locality or host data and is unlikely to have been part of the type series. Treated by Guimarães (1971) as a valid species of *Euphorocera* Townsend. Wood (1987) synonymized *Euphorocera* with *Chetogena* Rondani and transferred *caridei* to this genus (see O’Hara & Wood 1998).

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